

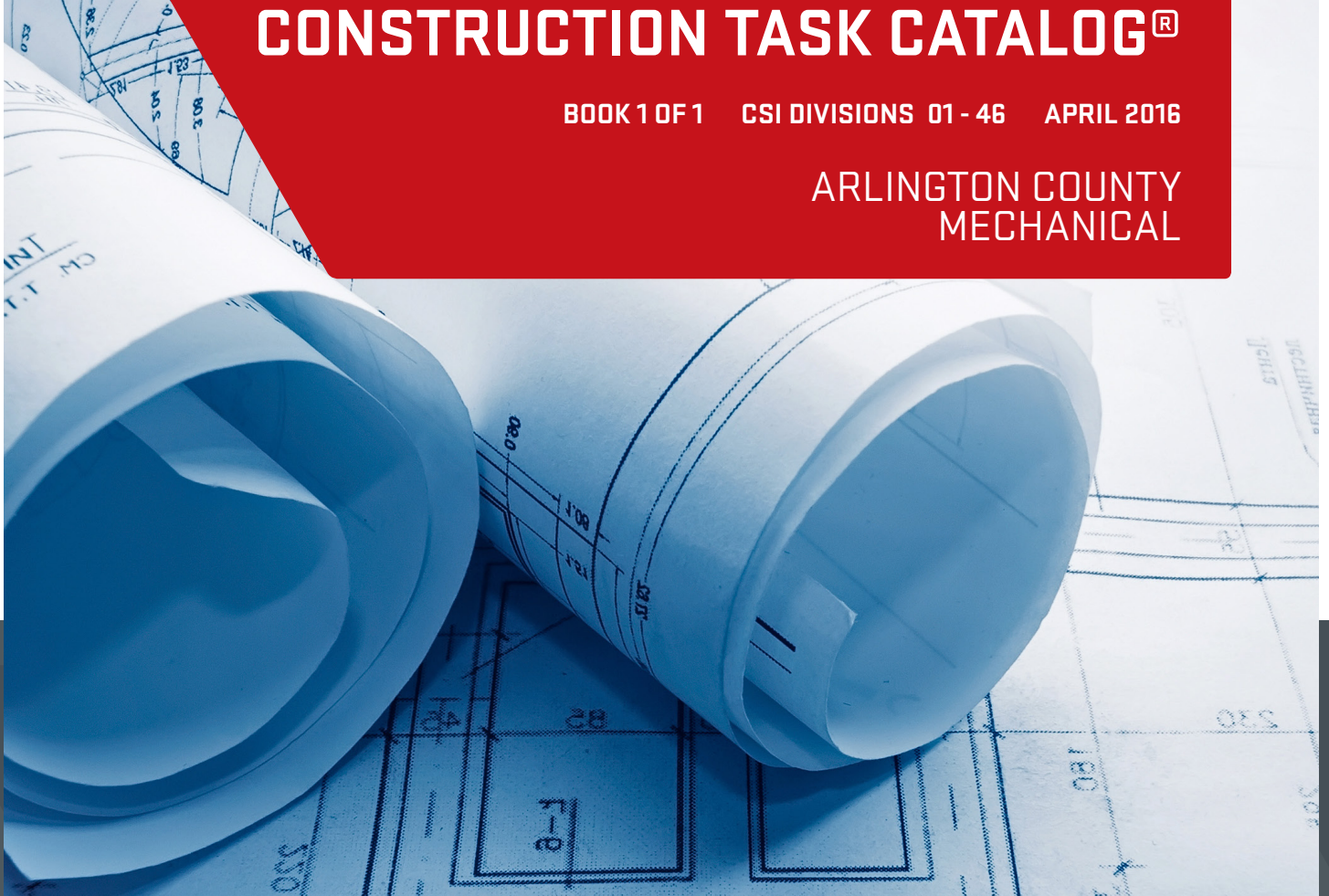


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# JOB ORDER CONTRACT CONSTRUCTION TASK CATALOG®

BOOK 1 OF 1   CSI DIVISIONS 01-46   APRIL 2016

ARLINGTON COUNTY  
MECHANICAL



ARLINGTON  
VIRGINIA

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JOC SOLUTIONS

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00 Using The Construction Task Catalog®	1
<hr/>	
01 General Requirements	1
01 20 Price And Payment Procedures	1
01 22 Unit Prices	1
01 30 Administrative Requirements	27
01 35 Special Procedures	27
01 40 Quality Requirements	27
01 45 Quality Control	27
01 50 Temporary Facilities And Controls	30
01 51 Temporary Utilities	30
01 52 Construction Facilities	31
01 54 Construction Aids	32
01 55 Vehicular Access And Parking	34
01 56 Temporary Barriers And Enclosures	36
01 60 Product Requirements	43
01 66 Product Storage And Handling Requirements	43
01 70 Execution And Closeout Requirements	44
01 71 Examination And Preparation	44
01 74 Cleaning And Waste Management	45
<hr/>	
02 Existing Conditions	1
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition And Structure Moving	1
02 41 Demolition	1
02 50 Site Remediation	15
02 58 Snow Control	15
02 60 Contaminated Site Material Removal	15
02 65 Underground Storage Tank Removal	15
02 80 Facility Remediation	16
02 81 Transportation And Disposal Of Hazardous Materials	16
02 82 Asbestos Remediation	16
02 83 Lead Remediation	21
02 84 Polychlorinate Biphenyl Remediation	24
02 85 Mold Remediation	24
02 87 Bio-Hazard Material Remediation	26
02 89 Hazmat Ancillary Tasks And Support	27
<hr/>	
03 Concrete	1
03 01 Maintenance Of Concrete	1
03 01 30 Maintenance Of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	2
03 10 Concrete Forming And Accessories	3
03 11 Concrete Forming	3
03 15 Concrete Accessories	6
03 20 Concrete Reinforcing	17
03 21 Reinforcement Bars	17
03 22 Fabric And Grid Reinforcing	27
03 30 Cast-In-Place Concrete	28
03 31 Structural Concrete	28
03 35 Concrete Finishing	44
03 37 Specialty Placed Concrete	47
03 39 Concrete Curing	48
03 40 Precast Concrete	49
03 41 Precast Structural Concrete	49
03 48 Precast Concrete Specialties	49
03 50 Cast Decks And Underlayment	52
03 51 Cast Roof Decks	52
03 52 Lightweight Concrete Roof Insulation	52
03 53 Concrete Topping	53

Table of Contents

03 54 Cast Underlayment .....	53
03 60 Grouting .....	53
03 61 Cementitious Grouting .....	53
03 62 Non-Shrink Grouting .....	54
03 64 Injection Grouting .....	54
03 80 Concrete Cutting And Boring .....	54
03 81 Concrete Cutting .....	54
03 82 Concrete Boring .....	54
<b>04 Masonry .....</b>	<b>1</b>
04 01 Maintenance Of Masonry .....	1
04 01 20 Maintenance Of Unit Masonry .....	1
04 01 40 Maintenance of Stone Assemblies .....	10
04 01 50 Maintenance of Refractory Masonry .....	11
04 05 Common Work Results For Masonry .....	11
04 05 13 Masonry Mortaring .....	11
04 05 16 Masonry Grouting .....	11
04 05 19 Masonry Anchorage And Reinforcing .....	12
04 05 23 Masonry Accessories .....	40
04 05 26 Masonry Scaffolding .....	41
04 20 Unit Masonry .....	41
04 21 Clay Unit Masonry .....	41
04 22 Concrete Unit Masonry .....	51
04 23 Glass Unit Masonry .....	58
04 26 Single-Wythe Unit Masonry .....	58
04 40 Stone Assemblies .....	59
04 41 Dry-Placed Stone .....	59
04 42 Exterior Stone Cladding .....	59
04 43 Stone Masonry .....	59
04 70 Manufactured Masonry .....	61
04 72 Cast Stone Masonry .....	61
<b>05 Metals .....</b>	<b>1</b>
05 05 Common Work Results For Metals .....	1
05 05 19 Post-Installed Concrete Anchors .....	1
05 05 23 Metal Fastenings .....	11
05 10 Structural Metal Framing .....	75
05 12 Structural Steel Framing .....	75
05 14 Structural Aluminum Framing .....	132
05 15 Wire Rope Assemblies .....	133
05 20 Metal Joists .....	148
05 21 Steel Joist Framing .....	148
05 30 Metal Decking .....	149
05 31 Steel Decking .....	149
05 36 Composite Metal Decking .....	152
05 40 Cold-Formed Metal Framing .....	155
05 41 Structural Metal Stud Framing .....	155
05 42 Cold-Formed Metal Joist Framing .....	156
05 43 Slotted Channel Framing .....	157
05 45 Metal Support Assemblies .....	158
05 50 Metal Fabrications .....	158
05 51 Metal Stairs .....	158
05 52 Metal Railings .....	160
05 53 Metal Gratings .....	166
05 54 Metal Floor Plates .....	174
05 55 Metal Stair Treads And Nosings .....	174
05 56 Metal Castings .....	175
05 58 Formed Metal Fabrications .....	175
05 59 Metal Specialties .....	177
05 70 Decorative Metal .....	177
05 73 Decorative Metal Railings .....	177
05 75 Decorative Formed Metal .....	178
<b>06 Wood, Plastics, and Composites .....</b>	<b>1</b>
06 01 Maintenance of Wood, Plastics, and Composites .....	1
06 01 20 Maintenance of Finish Carpentry .....	1



06 05 Common Work Results For Wood, Plastics, And Composites .....	1
06 05 23 Wood, Plastic, And Composite Fastenings.....	1
06 05 73 Wood Treatment.....	16
06 10 Rough Carpentry.....	16
06 11 Wood Framing.....	16
06 13 Heavy Timber Construction.....	21
06 15 Wood Decking.....	22
06 16 Sheathing.....	27
06 17 Shop-Fabricated Structural Wood.....	33
06 18 Glued-Laminated Construction .....	38
06 20 Finish Carpentry.....	39
06 22 Millwork .....	39
06 25 Prefinished Paneling.....	41
06 40 Architectural Woodwork .....	41
06 41 Architectural Wood Casework.....	41
06 42 Wood Paneling.....	81
06 43 Wood Stairs And Railings .....	85
06 44 Ornamental Woodwork .....	86
06 46 Wood Trim.....	88
06 48 Wood Frames.....	105
06 49 Wood Screens and Exterior Wood Shutters.....	106
06 50 Structural Plastics .....	106
06 51 Structural Plastic Shapes And Plates.....	106
06 53 Plastic Decking.....	111
06 60 Plastic Fabrications.....	111
06 65 Plastic Trim.....	111
07 Thermal And Moisture Protection .....	1
07 01 Operation And Maintenance Of Thermal And Moisture Protection.....	1
07 01 20 Maintenance Of Thermal Protection.....	1
07 01 50 Maintenance Of Membrane Roofing.....	1
07 05 Common Work Results For Thermal And Moisture Protection.....	1
07 05 13 Small Quantities And Repairs For Roofing.....	1
07 10 Dampproofing And Waterproofing .....	2
07 11 Dampproofing.....	2
07 13 Sheet Waterproofing.....	2
07 14 Fluid-Applied Waterproofing.....	3
07 16 Cementitious And Reactive Waterproofing.....	4
07 17 Bentonite Waterproofing.....	4
07 18 Traffic Coatings .....	4
07 19 Water Repellents .....	5
07 20 Thermal Protection.....	5
07 21 Thermal Insulation.....	5
07 22 Roof And Deck Insulation .....	11
07 24 Exterior Insulation And Finish Systems.....	21
07 25 Weather Barriers.....	24
07 26 Vapor Retarders .....	24
07 27 Air Barriers .....	24
07 30 Steep Slope Roofing .....	24
07 31 Shingles And Shakes.....	24
07 32 Roof Tiles .....	29
07 34 Roofing Underlayment .....	31
07 40 Roofing And Siding Panels.....	32
07 41 Roof Panels.....	32
07 42 Wall Panels.....	36
07 46 Siding .....	37
07 50 Membrane Roofing.....	41
07 51 Built-Up Bituminous Roofing .....	41
07 52 Modified Bituminous Membrane Roofing.....	45
07 53 Elastomeric Membrane Roofing.....	51
07 54 Thermoplastic Membrane Roofing.....	54
07 56 Fluid-Applied Roofing .....	56
07 57 Coated Foamed Roofing.....	57
07 58 Roll Roofing.....	58
07 59 Membrane Roofing Accessories .....	58
07 60 Flashing And Sheet Metal .....	58
07 62 Sheet Metal Flashing And Trim.....	59
07 63 Sheet Metal Roofing Specialties .....	63

Table of Contents

07 65 Flexible Flashing.....	64
07 70 Roof And Wall Specialties And Accessories.....	65
07 71 Roof Specialties.....	65
07 72 Roof Accessories.....	79
07 73 Roof Protection Board.....	102
07 76 Roof Pavers.....	102
07 80 Fire And Smoke Protection.....	103
07 81 Applied Fireproofing.....	103
07 82 Board Fireproofing.....	105
07 84 Firestopping.....	105
07 90 Joint Protection.....	110
07 91 Preformed Joint Seals.....	110
07 92 Joint Sealants.....	112
07 95 Expansion Control.....	113
<b>08 Openings.....</b>	<b>1</b>
08 01 Operation And Maintenance Of Openings.....	1
08 01 10 Operation And Maintenance Of Doors And Frames.....	1
08 01 50 Operation And Maintenance Of Windows.....	1
08 01 80 Maintenance Of Glazing.....	1
08 05 Common Work Results For Openings.....	1
08 05 13 Door Options And Modifications.....	1
08 10 Doors And Frames.....	2
08 11 Metal Doors And Frames.....	2
08 12 Metal Frames.....	3
08 13 Metal Doors.....	30
08 14 Wood Doors.....	69
08 17 Integrated Door Opening Assemblies.....	85
08 30 Specialty Doors And Frames.....	89
08 31 Access Doors And Panels.....	89
08 32 Sliding Glass Doors.....	90
08 33 Coiling Doors And Grilles.....	90
08 34 Special Function Doors.....	106
08 35 Folding Doors And Grilles.....	110
08 36 Panel Doors.....	110
08 38 Traffic Doors.....	117
08 40 Entrances, Storefronts, And Curtain Walls.....	133
08 41 Entrances And Storefronts.....	133
08 42 Entrances.....	134
08 43 Storefronts.....	136
08 44 Curtain Wall And Glazed Assemblies.....	137
08 50 Windows.....	139
08 51 Metal Windows.....	139
08 52 Wood Windows.....	156
08 53 Plastic Windows.....	194
08 56 Special Function Windows.....	222
08 60 Roof Windows And Skylights.....	225
08 63 Metal-Framed Skylights.....	225
08 65 Wood-Framed Skylights.....	236
08 70 Hardware.....	237
08 71 Door Hardware.....	237
08 74 Access Control Hardware.....	337
08 75 Window Hardware.....	337
08 79 Hardware Accessories.....	337
08 80 Glazing.....	338
08 81 Glass Glazing.....	338
08 83 Mirrors.....	345
08 84 Plastic Glazing.....	346
08 87 Glazing Surface Films.....	347
08 88 Special Function Glazing.....	348
08 90 Louvers And Vents.....	350
08 91 Louvers.....	350
08 95 Vents.....	382
<b>09 Finishes.....</b>	<b>1</b>
09 01 Maintenance Of Finishes.....	1
09 01 20 Maintenance Of Plaster And Gypsum Board.....	1

09 01 30 Maintenance of Tiling.....	1
09 01 60 Maintenance Of Flooring.....	1
09 20 Plaster And Gypsum Board.....	2
09 22 Supports For Plaster And Gypsum Board.....	2
09 23 Gypsum Plastering.....	10
09 24 Cement Plastering.....	12
09 28 Backing Boards And Underlayments.....	13
09 29 Gypsum Board.....	14
09 30 Tiling.....	22
09 30 13 Ceramic Tiling.....	22
09 30 16 Quarry Tiling.....	23
09 31 Thin-Set Tiling.....	23
09 32 Mortar-Bed Tiling.....	23
09 34 Waterproofing-Membrane Tiling.....	24
09 35 Chemical-Resistant Tiling.....	24
09 39 Tiling Transitions And Accessories.....	24
09 50 Ceilings.....	25
09 51 Acoustical Ceilings.....	25
09 53 Acoustical Ceiling Suspension Assemblies.....	30
09 54 Specialty Ceilings.....	32
09 57 Special Function Ceilings.....	33
09 60 Flooring.....	33
09 61 Flooring Treatment.....	33
09 63 Masonry Flooring.....	33
09 64 Wood Flooring.....	34
09 65 Resilient Flooring.....	37
09 66 Terrazzo Flooring.....	42
09 67 Fluid-Applied Flooring.....	44
09 68 Carpeting.....	45
09 69 Access Flooring.....	52
09 70 Wall Finishes.....	53
09 72 Wall Coverings.....	53
09 80 Acoustic Treatment.....	54
09 81 Acoustic Insulation.....	54
09 84 Acoustic Room Components.....	54
09 85 Acoustic Sound Deadening.....	55
09 90 Painting And Coating.....	55
09 91 Painting.....	56
09 93 Staining And Transparent Finishing.....	124
09 96 High-Performance Coatings.....	126
09 97 Special Coatings.....	128
<b>10 Specialties.....</b>	<b>1</b>
10 10 Information Specialties.....	1
10 11 Visual Display Units.....	1
10 13 Directories.....	7
10 14 Signage.....	10
10 20 Interior Specialties.....	33
10 21 Compartments And Cubicles.....	33
10 22 Partitions.....	55
10 26 Wall And Door Protection.....	58
10 28 Toilet, Bath, And Laundry Accessories.....	65
10 40 Safety Specialties.....	74
10 41 Emergency Access And Information Cabinets.....	74
10 44 Fire Protection Specialties.....	75
10 45 Photoluminescent Exit Specialties.....	81
10 50 Storage Specialties.....	81
10 51 Lockers.....	81
10 55 Postal Specialties.....	94
10 56 Storage Assemblies.....	95
10 70 Exterior Specialties.....	99
10 71 Exterior Protection.....	99
10 73 Protective Covers.....	109
10 75 Flagpoles.....	110
10 80 Other Specialties.....	112
10 81 Pest Control Devices.....	112
10 86 Security Mirrors And Domes.....	113

## Table of Contents

<b>11 Equipment</b>	<b>1</b>
11 01 Operation And Maintenance Of Equipment	1
11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment	1
11 10 Vehicle And Pedestrian Equipment	1
11 11 Vehicle Service Equipment	1
11 12 Parking Control Equipment	1
11 13 Loading Dock Equipment	2
11 20 Commercial Equipment	7
11 21 Retail and Service Equipment	7
11 26 Compact Kitchens	7
11 30 Residential Equipment	8
11 30 13 Residential Appliances	8
11 30 33 Retractable Stairs	11
11 40 Foodservice Equipment	12
11 41 Foodservice Storage Equipment	12
11 42 Food Preparation Equipment	32
11 44 Food Cooking Equipment	34
11 46 Food Dispensing Equipment	35
11 48 Foodservice Cleaning and Disposal Equipment	37
11 50 Educational And Scientific Equipment	38
11 52 Audio-Visual Equipment	38
11 60 Entertainment and Recreation Equipment	44
11 66 Athletic Equipment	44
11 68 Play Field Equipment And Structures	45
11 80 Facility Maintenance and Operation Equipment	66
11 81 Maintenance Equipment	66
11 82 Facility Solid Waste Handling Equipment	66
<b>12 Furnishings</b>	<b>1</b>
12 30 Casework	1
12 36 Countertops	1
12 50 Furniture	1
12 56 Institutional Furniture	1
12 60 Multiple Seating	2
12 62 Portable-Audience Seating	2
12 63 Stadium And Arena Seating	2
<b>13 Special Construction</b>	<b>1</b>
13 10 Special Facility Components	1
13 11 Swimming Pools	1
13 12 Fountains	1
13 30 Special Structures	2
13 34 Fabricated Engineered Structures	2
13 40 Integrated Construction	21
13 47 Facility Protection	21
<b>21 Fire Suppression</b>	<b>1</b>
21 01 Operation and Maintenance of Fire Suppression	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment	1
21 05 Common Work Results for Fire Suppression	1
21 05 13 Common Motor Requirements For Fire-Suppression Equipment	1
21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping	1
21 05 19 Meters And Gages For Fire-Suppression Systems	1
21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping	1
21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment	1
21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment	1
21 05 53 Identification For Fire-Suppression Piping And Equipment	2
21 10 Water-Based Fire-Suppression Systems	2
21 11 Facility Fire-Suppression Water-Service Piping	2
21 12 Fire-Suppression Standpipes	2
21 13 Fire-Suppression Sprinkler Systems	3
21 16 Fire-Suppression Pressure Maintenance Pumps	8
21 20 Fire-Extinguishing Systems	8
21 21 Carbon-Dioxide Fire-Extinguishing Systems	8

21 22 Clean-Agent Fire-Extinguishing Systems .....	9
21 23 Wet-Chemical Fire-Extinguishing Systems .....	17
21 24 Dry-Chemical Fire-Extinguishing Systems .....	20
21 30 Fire Pumps.....	22
21 31 Centrifugal Fire Pumps .....	22
<b>22 Plumbing</b> .....	<b>1</b>
22 01 Operation and Maintenance of Plumbing.....	1
22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps .....	1
22 01 40 Operation and Maintenance of Plumbing Fixtures .....	1
22 05 Common Work Results for Plumbing.....	2
22 05 13 Common Motor Requirements For Plumbing Equipment.....	2
22 05 16 Expansion Fittings And Loops For Plumbing Piping.....	2
22 05 19 Meters And Gages For Plumbing Piping .....	2
22 05 23 General-Duty Valves For Plumbing Piping .....	2
22 05 29 Hangers And Supports For Plumbing Piping And Equipment.....	2
22 05 33 Heat Tracing For Plumbing Piping .....	2
22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment .....	3
22 05 53 Identification For Plumbing Piping And Equipment.....	3
22 05 76 Facility Drainage Piping Cleanouts.....	3
22 07 Plumbing Insulation.....	6
22 07 16 Plumbing Equipment Insulation.....	6
22 07 19 Plumbing Piping Insulation.....	6
22 10 Plumbing Piping.....	20
22 11 Facility Water Distribution .....	20
22 12 Facility Potable-Water Storage Tanks .....	73
22 13 Facility Sanitary Sewerage .....	74
22 14 Facility Storm Drainage.....	121
22 15 General Service Compressed-Air Systems .....	130
22 30 Plumbing Equipment .....	133
22 31 Domestic Water Softeners .....	133
22 32 Domestic Water Filtration Equipment .....	135
22 33 Electric Domestic Water Heaters .....	136
22 34 Fuel-Fired Domestic Water Heaters.....	138
22 35 Domestic Water Heat Exchangers .....	141
22 40 Plumbing Fixtures .....	142
22 41 Residential Plumbing Fixtures.....	142
22 42 Commercial Plumbing Fixtures .....	143
22 43 Healthcare Plumbing Fixtures .....	156
22 45 Emergency Plumbing Fixtures .....	157
22 47 Drinking Fountains And Water Coolers .....	160
22 50 Pool And Fountain Plumbing Systems.....	162
22 51 Swimming Pool Plumbing Systems.....	163
22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities .....	169
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities.....	169
<b>23 Heating, Ventilating, And Air-Conditioning (HVAC)</b> .....	<b>1</b>
23 01 Operation and Maintenance of HVAC Systems .....	1
23 01 10 Operation and Maintenance of Facility Fuel Systems.....	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps.....	1
23 01 30 Operation and Maintenance of HVAC Air Distribution .....	2
23 01 50 Operation and Maintenance of Central Heating Equipment.....	2
23 01 60 Operation and Maintenance of Central Cooling Equipment .....	3
23 05 Common Work Results For HVAC .....	3
23 05 13 Common Motor Requirements For HVAC Equipment .....	3
23 05 16 Expansion Fittings And Loops For HVAC Piping.....	7
23 05 19 Meters And Gages For HVAC Piping .....	8
23 05 23 General-Duty Valves For HVAC Piping .....	11
23 05 29 Hangers And Supports For HVAC Piping And Equipment.....	28
23 05 33 Heat Tracing For HVAC Piping .....	53
23 05 48 Vibration And Seismic Controls For HVAC.....	53
23 05 53 Identification For HVAC Piping And Equipment.....	57
23 05 93 Testing, Adjusting, And Balancing For HVAC.....	58
23 07 HVAC Insulation.....	61
23 07 13 Duct Insulation .....	61
23 07 16 HVAC Equipment Insulation.....	62
23 07 19 HVAC Piping Insulation.....	62

Table of Contents

23 08 Commissioning Of HVAC.....	65
23 09 Instrumentation And Control For HVAC.....	65
23 09 13 Instrumentation And Control Devices For HVAC.....	65
23 09 23 Direct-Digital Control System For HVAC.....	66
23 10 Facility Fuel Systems.....	84
23 11 Facility Fuel Piping.....	84
23 12 Facility Fuel Pumps.....	91
23 13 Facility Fuel-Storage Tanks.....	92
23 20 HVAC Piping And Pumps.....	100
23 21 Hydronic Piping And Pumps.....	100
23 22 Steam And Condensate Piping And Pumps.....	177
23 23 Refrigerant Piping.....	182
23 25 HVAC Water Treatment.....	187
23 30 HVAC Air Distribution.....	187
23 31 HVAC Ducts And Casings.....	187
23 33 Air Duct Accessories.....	208
23 34 HVAC Fans.....	252
23 35 Special Exhaust Systems.....	267
23 36 Air Terminal Units.....	268
23 37 Air Outlets And Inlets.....	271
23 38 Ventilation Hoods.....	286
23 40 HVAC Air Cleaning Devices.....	287
23 41 Particulate Air Filtration.....	287
23 42 Gas-Phase Air Filtration.....	289
23 44 Ultraviolet HVAC Microbial Control.....	290
23 50 Central Heating Equipment.....	291
23 51 Breechings, Chimneys, And Stacks.....	291
23 52 Heating Boilers.....	312
23 53 Heating Boiler Feedwater Equipment.....	325
23 54 Furnaces.....	325
23 55 Fuel-Fired Heaters.....	328
23 57 Heat Exchangers for HVAC.....	329
23 60 Central Cooling Equipment.....	330
23 61 Refrigerant Compressors.....	330
23 62 Packaged Compressor and Condenser Units.....	332
23 63 Refrigerant Condensers.....	333
23 64 Packaged Water Chillers.....	335
23 65 Cooling Towers.....	340
23 70 Central HVAC Equipment.....	344
23 71 Thermal Storage.....	344
23 72 Air-To-Air Energy Recovery Equipment.....	344
23 73 Indoor Central-Station Air-Handling Units.....	345
23 74 Packaged Outdoor HVAC Equipment.....	364
23 80 Decentralized Unitary HVAC Equipment.....	369
23 81 Decentralized Unitary HVAC Equipment.....	369
23 82 Convection Heating And Cooling Units.....	381
23 83 Radiant Heating Units.....	397

25 Integrated Automation 1

25 50 Integrated Automation Facility Controls.....	1
25 55 Integrated Automation Control Of HVAC.....	1

26 Electrical 1

26 01 Operation and Maintenance of Electrical Systems.....	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution.....	1
26 01 50 Operation and Maintenance of Lighting.....	1
26 05 Common Work Results For Electrical.....	18
26 05 13 Medium-Voltage Cables.....	18
26 05 19 Low-Voltage Electrical Power Conductors And Cables.....	23
26 05 23 Control-Voltage Electrical Power Cables.....	38
26 05 26 Grounding And Bonding For Electrical Systems.....	38
26 05 29 Hangers And Supports For Electrical Systems.....	43
26 05 33 Raceway And Boxes For Electrical Systems.....	63
26 05 36 Cable Trays For Electrical Systems.....	183
26 05 39 Underfloor Raceways for Electrical Systems.....	270
26 05 43 Underground Ducts And Raceways For Electrical Systems.....	272
26 05 53 Identification for Electrical Systems.....	273



26 05 83 Wiring Connections.....	273
26 09 Instrumentation and Control for Electrical Systems .....	276
26 09 23 Lighting Control Devices .....	276
26 20 Low-Voltage Electrical Distribution .....	296
26 21 Low-Voltage Electrical Service Entrance.....	296
26 24 Switchboards And Panelboards .....	297
26 25 Enclosed Bus Assemblies.....	349
26 26 Power Distribution Units.....	353
26 27 Low-Voltage Distribution Equipment .....	353
26 28 Low-Voltage Circuit Protective Devices.....	370
26 29 Low-Voltage Controllers.....	390
26 30 Facility Electrical Power Generating And Storing Equipment.....	407
26 31 Photovoltaic Collectors .....	407
26 32 Packaged Generator Assemblies.....	410
26 33 Battery Equipment .....	414
26 35 Power Filters And Conditioners.....	417
26 36 Transfer Switches.....	418
26 40 Electrical And Cathodic Protection .....	421
26 41 Facility Lightning Protection .....	421
26 43 Surge Protective Devices.....	423
26 50 Lighting.....	426
26 51 Interior Lighting.....	426
26 52 Emergency Lighting .....	446
26 53 Exit Signs .....	448
26 55 Special Purpose Lighting .....	449
26 56 Exterior Lighting.....	449
<b>27 Communications</b> .....	<b>1</b>
27 05 Common Work Results for Communications .....	1
27 05 29 Hangers And Supports For Communications Systems.....	1
27 05 33 Conduits And Backboxes For Communications Systems .....	1
27 05 36 Cable Trays For Communications Systems .....	1
27 05 39 Surface Raceways For Communications Systems .....	1
27 05 43 Underground Ducts And Raceways For Communications Systems.....	1
27 05 53 Identification For Communications Systems.....	1
27 10 Structured Cabling .....	1
27 11 Communications Equipment Room Fittings.....	1
27 14 Communications Cabling .....	5
27 30 Voice Communications.....	16
27 32 Voice Communications Terminal Equipment.....	16
27 50 Distributed Communications And Monitoring Systems.....	17
27 53 Distributed Systems.....	17
<b>28 Electronic Safety And Security</b> .....	<b>1</b>
28 05 Common Work Results For Electronic Safety And Security .....	1
28 05 13 Conductors And Cables For Electronic Safety And Security.....	1
28 05 26 Grounding And Bonding For Electronic Safety And Security .....	3
28 05 28 Pathways For Electronic Safety And Security.....	3
28 05 53 Identification For Electronic Safety And Security .....	3
28 10 Electronic Access Control And Intrusion Detection .....	3
28 13 Access Control .....	3
28 20 Electronic Surveillance.....	9
28 23 Video Surveillance.....	9
28 26 Electronic Personal Protection Systems.....	45
28 30 Electronic Detection And Alarm .....	45
28 31 Fire Detection And Alarm.....	45
28 33 Gas Detection and Alarm.....	82
28 34 Fuel-Oil Detection and Alarm.....	83
<b>31 Earthwork</b> .....	<b>1</b>
31 05 Common Work Results For Earthwork .....	1
31 05 13 Soils For Earthwork.....	1
31 05 16 Aggregates For Earthwork .....	1
31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization.....	2
31 10 Site Clearing .....	2
31 11 Clearing And Grubbing .....	2

## Table of Contents

31 13 Selective Tree And Shrub Removal And Trimming .....	2
31 20 Earth Moving .....	4
31 23 Excavation And Fill .....	4
31 24 Embankments .....	9
31 25 Erosion And Sedimentation Controls .....	10
31 30 Earthwork Methods .....	11
31 31 Soil Treatment .....	11
31 32 Soil Stabilization .....	11
31 36 Gabions .....	14
31 37 Riprap .....	14
31 40 Shoring And Underpinning .....	14
31 41 Shoring .....	14
31 45 Vibroflotation And Densification .....	15
<b>32 Exterior Improvements .....</b>	<b>1</b>
32 01 Operation And Maintenance Of Exterior Improvements .....	1
32 01 11 Paving Cleaning .....	1
32 01 16 Flexible Paving Rehabilitation .....	2
32 01 17 Flexible Paving Repair .....	2
32 01 90 Operation And Maintenance Of Planting .....	4
32 10 Bases, Ballasts, And Paving .....	6
32 11 Base Courses .....	7
32 12 Flexible Paving .....	7
32 13 Rigid Paving .....	9
32 14 Unit Paving .....	12
32 15 Aggregate Surfacing .....	15
32 16 Curbs, Gutters, Sidewalks, And Driveways .....	16
32 17 Paving Specialties .....	21
32 18 Athletic And Recreational Surfacing .....	29
32 30 Site Improvements .....	37
32 31 Fences And Gates .....	37
32 32 Retaining Walls .....	85
32 33 Site Furnishings .....	91
32 39 Manufactured Site Specialties .....	99
32 80 Irrigation .....	101
32 84 Planting Irrigation .....	101
32 90 Planting .....	109
32 91 Planting Preparation .....	109
32 92 Turf And Grasses .....	112
32 93 Plants .....	114
32 94 Planting Accessories .....	145
32 96 Transplanting .....	148
<b>33 Utilities .....</b>	<b>1</b>
33 01 Operation And Maintenance Of Utilities .....	1
33 01 30 Operation And Maintenance Of Sewer Utilities .....	1
33 05 Common Work Results For Utilities .....	4
33 05 13 Manholes And Structures .....	4
33 05 16 Utility Structures .....	4
33 05 23 Trenchless Utility Installation .....	14
33 05 26 Utility Identification .....	15
33 10 Water Utilities .....	16
33 11 Water Utility Distribution Piping .....	16
33 12 Water Utility Distribution Equipment .....	70
33 16 Water Utility Storage Tanks .....	77
33 20 Wells .....	77
33 21 Water Supply Wells .....	77
33 26 Relief Wells .....	86
33 30 Sanitary Sewerage Utilities .....	86
33 31 Sanitary Utility Sewerage Piping .....	86
33 36 Utility Septic Tanks .....	91
33 39 Sanitary Utility Sewerage Structures .....	92
33 40 Storm Drainage Utilities .....	97
33 41 Storm Utility Drainage Piping .....	97
33 42 Culverts .....	137
33 44 Storm Utility Water Drains .....	139
33 46 Subdrainage .....	149

33 50 Fuel Distribution Utilities.....	151
33 51 Natural-Gas Distribution.....	151
33 56 Fuel-Storage Tanks .....	153
33 60 Hydronic And Steam Energy Utilities.....	153
33 61 Hydronic Energy Distribution.....	153
33 70 Electrical Utilities .....	173
33 71 Electrical Utility Transmission And Distribution.....	173
34 Transportation.....	1
34 40 Transportation Signaling and Control Equipment.....	1
34 41 Roadway Signaling and Control Equipment .....	1
34 70 Transportation Construction And Equipment .....	1
34 71 Roadway Construction.....	1
40 Process Interconnections.....	1
40 05 Common Work Results For Process Interconnections.....	1
40 05 23 Stainless Steel Process Pipe and Tubing.....	1
43 Process Gas and Liquid Handling, Purification, and Storage Equipment.....	1
43 20 Liquid Handling Equipment.....	1
43 23 Dry Location Liquid Pumps .....	1
43 24 Suspended Liquid Pumps .....	1
43 40 Gas and Liquid Storage.....	1
43 41 Non-pressurized Tanks And Vessels .....	1
46 Water And Wastewater Equipment.....	1
46 07 Packaged Water and Wastewater Treatment Equipment .....	1
46 07 53 Packaged Wastewater Treatment Equipment .....	1

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## CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Arlington County**, priced locally using current labor, material and equipment costs, and published in April 2016.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Arlington County**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

## MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.



## The Unit Prices Include:

### LABOR COSTS:

- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.

- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

### EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task. Mobilization is included for all equipment except large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

### MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

## Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 1/2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

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- ☑ Unit prices for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

**Demolition:**

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a

separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).

- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

**The Adjustment Factors Include:**

**BUSINESS COSTS:**

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision
  - mobilization and close-out for the contract and each Job Order and
  - project office staff and equipment.
- ☑ Profit.
- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.



- Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- Cost of financing the work.
- Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

### CONSTRUCTION RELATED COSTS:

- Services required to obtain filings and permits.
- Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- Incidental engineering and architectural services.
- Office trailer and portable toilets for Contractor's use.
- Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- Meeting Owner security requirements.
- Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).

- Sealing, windows, and openings with plastic to contain construction dust and debris within the work area.
- Daily clean-up.
- Final professional project clean-up.
- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- Costs resulting from productivity loss.
- Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- Differences in project size; complexity and location.
- All costs for other than discreet items of work specifically required to complete a particular Job Order.

### PRICE VARIATIONS:

- Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

### GENERAL COSTS:

- This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- The only compensation to be paid to a Contractor for the unit price tasks will be:

**Published**    **X**    **Installation**    **X**    **Appropriate**  
**Unit Price**       **(or Demolition)**    **Adjustment**  
    **Quantity**     **Factor**

- No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

**General Interpretations:**

**WORKING HEIGHT:**

- Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

**FIELD ENGINEERING:**

- Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

**ASSEMBLIES:**

- Assembly unit prices take precedence over individual component pricing.

**TESTING:**

- Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

**MISCELLANEOUS:**

- For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and

exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

**SPECIFICATIONS:**

- ☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

**Useful Information:**

**UNIT OF MEASURE DEFINITIONS:**

**ACR** – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per

Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

**MATERIAL WEIGHTS:**

**EARTHEN MATERIAL**

- ☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix.	3380	2370	3720

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(75% E/ 25% R)			
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

**1 Pound = 0.4536 Kilograms**

**1 Square Foot = 144 Square Inches = .0929 Square Meters**

**1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet**

**1 Square Yard = 9 Square Feet = 0.8361 Square Meters**

**1 Ton = 2000 Pounds = 907.185 Kilograms**

**1 Yard = 3 Feet = 0.9144 Meters**

## BULK FACTORS FOR DEMOLITION:

The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

## CONVERSIONS:

**1 Acre = 43,560 Square Feet = 4046.8 Square Meters**

**1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches**

**1 Centimeter = 0.3937 Inches = 0.0328 Feet**

**1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters**

**1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet**

**1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters**

**1 Foot = 12 Inches = 0.3048 Meters**

**1 Inch = 2.54 Centimeters = 0.0254 Meters**

**1 Kilogram = 2.2046 Pounds**

**1 Kilometer = 0.6214 Miles = 3280 Feet**

**1 Meter = 100 Centimeters = 3.2808 Feet**

**1 Mile = 5280 Feet = 1.6093 Kilometers**

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

## STANDARD GEOMETRY:

### Circle

- Circumference =  $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area =  $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

### Cylinder

- Volume =  $(\pi \text{ radius}^2) \text{height}$
- Surface Area =  $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{height}$

### Sphere

- Volume =  $(4 \pi \text{ radius}^3) / 3$

- Surface Area =  $4 \pi \text{ radius}^2$

**$\pi = 3.14159$**

**United Inch**

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

- Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQ, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.



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<b>General Requirements</b>	<b>01</b>	<b>10</b>
Price And Payment Procedures	01 20	
Unit Prices	01 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 01 General Requirements

### 01 20 Price And Payment Procedures <sup>(01)</sup>

#### 01 22 Unit Prices <sup>(01 20)</sup>

##### 01 22 16 Unit Price Payment <sup>(01 22)</sup>

##### 01 22 16 00-0001 Reimbursable Fees <sup>(01 22 16)</sup>

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002 EA Reimbursable Fees..... 1.00

Note: Reimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.

##### 01 22 16 00-0003 Salvage Value <sup>(01 22 16)</sup>

Note: Typically, demolished items become the property of the Contractor and any salvage value is to the benefit of the Contractor. However, the Owner reserves the right to share in the value of salvaged materials or equipment. Task 01206-1001 is used to provided credit to the Owner for an agreed upon quantity of salvage value. The quantity for Task 01206-1001 shall be based on the receipt or quote for the salvaged items. If there are multiple salvage value tasks on the same Work Order, each shall be included separately with a comment in the "note" block to identify the agreed upon portion of the salvage value (e.g. masonry, steel, etc.).

01 22 16 00-0004 EA Salvage Value..... -1.00

##### 01 22 16 00-0005 Schedule Purchases <sup>(01 22 16)</sup>

01 22 16 00-0006 EA GSA/NJPA Or Other Government Purchasing Agency Schedule Purchases..... 1.00

Note: Purchases made by the contractor using the any of the above schedules will be reimbursed to the Contractor at the actual cost of the purchase. The adjustment applied to purchases will be the Contractor's applicable, standard or premium, multiplier. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase. A copy of the receipt shall be included with the proposal. Excludes labor and equipment costs for installation.

##### 01 22 20 Wage Rates <sup>(01 22)</sup>

##### 01 22 20 00-0001 Local Labor/Wage Rates <sup>(01 22 20)</sup>

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002 HR Foreman/Superintendent..... 43.33

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

01 22 20 00-0003 HR Asbestos Removal Worker ..... 42.23

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.11

For Apprentice, Deduct -8.45

01 22 20 00-0004 HR Insulator..... 60.54

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 3.03

For Apprentice, Deduct -12.11

01 22 20 00-0005 HR Boilermaker..... 68.43

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 3.42

For Apprentice, Deduct -13.69

01 22 20 00-0006 HR Brick Layer..... 50.79

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.54

For Apprentice, Deduct -10.16

01 22 20 00-0007 HR Carpenter..... 47.20

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.36

For Apprentice, Deduct -9.44

01 22 20 00-0008 HR Carpet, Linoleum ..... 47.19

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.36

For Apprentice, Deduct -9.44

01 22 20 00-0009 HR Cement Finisher ..... 44.63

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.23

For Apprentice, Deduct -8.93

01 22 20 00-0010 HR Drywall Finisher ..... 43.47

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 2.17

For Apprentice, Deduct -8.69

01 22 20 00-0011 HR Electrician ..... 68.57

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

For Foreman, Add 3.43

For Apprentice, Deduct -13.71

<b>01</b>	<b>General Requirements</b>
<b>01 20</b>	<b>Price And Payment Procedures</b>
<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0012	HR		Security Access Electrician.....	45.00	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.25	
			For Apprentice, Deduct	-9.00	
01 22 20 00-0013	HR		Equipment Operator, Heavy (Crane).....	50.94	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.55	
			For Apprentice, Deduct	-10.19	
01 22 20 00-0014	HR		Equipment Operator, Medium (Bulldozer).....	49.34	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.47	
			For Apprentice, Deduct	-9.87	
01 22 20 00-0015	HR		Equipment Operator, Light (Backhoe, Bobcat).....	40.33	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.02	
			For Apprentice, Deduct	-8.07	
01 22 20 00-0016	HR		Equipment Operator, CCTV Camera Operator.....	40.33	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.02	
			For Apprentice, Deduct	-8.07	
01 22 20 00-0017	HR		Equipment Operator, Pipe Bursting Winch Operator.....	49.34	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.47	
			For Apprentice, Deduct	-9.87	
01 22 20 00-0018	HR		Glazier.....	47.96	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.40	
			For Apprentice, Deduct	-9.59	
01 22 20 00-0019	HR		Unskilled Laborer.....	38.61	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0020	HR		Lather.....	44.91	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.25	
			For Apprentice, Deduct	-8.98	
01 22 20 00-0021	HR		Marble Setter.....	46.90	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.35	
			For Apprentice, Deduct	-9.38	
01 22 20 00-0022	HR		Millwright.....	44.66	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.23	
			For Apprentice, Deduct	-8.93	
01 22 20 00-0023	HR		Painter, Ordinary.....	42.05	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.10	
			For Apprentice, Deduct	-8.41	
01 22 20 00-0024	HR		Painter, Structural Steel.....	54.38	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.72	
			For Apprentice, Deduct	-10.88	
01 22 20 00-0025	HR		Paperhanger.....	42.05	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.10	
			For Apprentice, Deduct	-8.41	
01 22 20 00-0026	HR		Pile Drivers.....	49.18	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.46	
			For Apprentice, Deduct	-9.84	
01 22 20 00-0027	HR		Plasterer.....	46.34	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.32	
			For Apprentice, Deduct	-9.27	
01 22 20 00-0028	HR		Plumber.....	66.65	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	3.33	
			For Apprentice, Deduct	-13.33	
01 22 20 00-0029	HR		Powderman.....	50.27	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.51	
			For Apprentice, Deduct	-10.05	
01 22 20 00-0030	HR		Rigger.....	27.50	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	1.38	
			For Apprentice, Deduct	-5.50	
01 22 20 00-0031	HR		Rodman (Reinforcing)/Ornamental Steel Worker.....	63.95	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	3.20	
			For Apprentice, Deduct	-12.79	
01 22 20 00-0032	HR		Roofer, Composite.....	55.27	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.76	
			For Apprentice, Deduct	-11.05	
01 22 20 00-0033	HR		Roofer, Tile/Slate.....	55.27	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Foreman, Add	2.76	
			For Apprentice, Deduct	-11.05	



		<b>General Requirements</b>	<b>01</b>
		Price And Payment Procedures	01 20
		Unit Prices	01 22

10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0034 HR Sheet Metal Worker.....	67.68	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.38	
For Apprentice, Deduct	-13.54	
01 22 20 00-0035 HR Sprinkler Installer.....	59.17	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	2.96	
For Apprentice, Deduct	-11.83	
01 22 20 00-0036 HR Fusion Tech, High Density Polyethylene (HDPE) Welder.....	69.04	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.45	
For Apprentice, Deduct	-13.81	
01 22 20 00-0037 HR Pipe Layer.....	35.86	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	1.79	
For Apprentice, Deduct	-7.17	
01 22 20 00-0038 HR Steam / Pipe Fitter.....	69.04	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.45	
For Apprentice, Deduct	-13.81	
01 22 20 00-0039 HR Stone Mason.....	63.81	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.19	
For Apprentice, Deduct	-12.76	
01 22 20 00-0040 HR Structural Steel Worker.....	68.53	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.43	
For Apprentice, Deduct	-13.71	
01 22 20 00-0041 HR Tile Layer.....	44.90	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	2.25	
For Apprentice, Deduct	-8.98	
01 22 20 00-0042 HR Terrazzo Worker.....	44.94	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	2.25	
For Apprentice, Deduct	-8.99	
01 22 20 00-0043 HR Truck Driver, Light.....	35.49	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	1.77	
For Apprentice, Deduct	-7.10	
01 22 20 00-0044 HR Truck Driver, Heavy.....	37.21	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	1.86	
For Apprentice, Deduct	-7.44	
01 22 20 00-0045 HR Welder.....	68.53	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreman, Add	3.43	
For Apprentice, Deduct	-13.71	
01 22 20 00-0046 HR Class I Diver.....	86.54	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0047 HR Class III Diver Tender.....	53.97	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0048 HR Skilled Laborer.....	47.20	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0049 HR Sewer Pipe Cleaner.....	38.61	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
<b>01 22 20 00-0050 Rates For Services (01 22 20)</b>		
01 22 20 00-0051 HR OSHA Testing.....	71.25	
01 22 20 00-0052 HR CAD Draftsman / Technician.....	75.00	
Note: Preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0053 HR Investigating Engineer, Designer Or Specialty Consultant.....	80.00	
Note: For special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0054 HR Investigating Senior Engineer, Designer Or Specialty Consultant.....	125.00	
Note: For special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0055 HR Industrial Hygienist.....	58.90	
01 22 20 00-0056 HR On-Site Certified Materials Testing Technician.....	57.00	
01 22 20 00-0057 MI Mileage For Professional Services (Engineering, Surveying, Etcetera).....	0.56	
Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0058 HR Geotechnical Crew Of One.....	114.69	
01 22 20 00-0059 HR Geotechnical Crew Of Two.....	152.92	
<b>01 22 20 00-0060 Rates For Traffic Control (01 22 20)</b>		
01 22 20 00-0061 HR Flagperson For Traffic Control.....	38.68	
01 22 20 00-0062 HR Local Jurisdiction Police Officer.....	45.00	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>01 22 20 00-0063</b>	<b>Preventive Maintenance/Service Call Crews</b> <small>(01 22 20)</small>	
	<small>Note: Includes one person crew, specific tools to the trade and truck. Minimum of 1-1/2 hours per service call. Labor rates include base rate, fringe, an allowance for payroll taxes and insurance. Labor rates will be paid on the basis of productive time at the job site. Time spent for transportation of workers, material acquisition, handling, delivery or movement of contractor owned or rental equipment may not be chargeable, but are considered as part of the contractor's factor. All material will be purchased and billed for under the reimbursable section of the CTC. The Contractor shall have at all times during the contract term a service team that includes at a minimum HVAC mechanic licensed journeyman and helper. There shall be one licensed Master Mechanic available to provide direction to journeyman as needed. All contractor personnel shall be licensed and certified as required by the Commonwealth of Virginia. Service personnel shall be qualified through manufacturer's factory training or other appropriate HVAC training to perform this type of work. The Contractor shall submit evidence of licensing, trade certification and training of all personnel. The County reserves the rights to reject any of the Contractor's service personnel, who, in the County's judgment, are not adequately qualified to perform the work or are otherwise unsatisfactory. HVAC - Mechanic-Licensed Journeyman : Minimum 5 years as a journeyman Helper - Apprentice or assistant: Level IV heating, ventilating and air conditioning mechanic.</small>	
01 22 20 00-0064	HR Preventive Maintenance HVAC/Refrigeration Worker With Truck And Tools .....	105.00
01 22 20 00-0065	HR Preventive Maintenance HVAC/Refrigeration Helper/Assistant .....	65.34
01 22 20 00-0066	HR Service Call HVAC/Refrigeration Worker With Truck And Tools.....	151.85
01 22 20 00-0067	HR Service Call HVAC/Refrigeration Helper/Assistant .....	107.45

**01 22 23 Equipment Usage** (01 22)  
Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

<b>01 22 23 00-0001</b>	<b>Aerial Equipment</b> <small>(01 22 23)</small>	
<b>01 22 23 00-0002</b>	<b>Manlifts</b> <small>(01 22 23 00-0001)</small>	
	<small>Note: Excludes operator, delivery, set-up, and removal.</small>	
<b>01 22 23 00-0003</b>	<b>Telescoping Boom Manlifts</b> <small>(01 22 23 00-0002)</small>	
<b>01 22 23 00-0004</b>	<b>Engine Powered, Telescoping Boom Manlifts</b> <small>(01 22 23 00-0003)</small>	
	<small>Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.</small>	
01 22 23 00-0005	DAY 40' Engine Powered, Telescoping Boom Manlift.....	370.67
01 22 23 00-0006	WK 40' Engine Powered, Telescoping Boom Manlift.....	932.65
01 22 23 00-0007	MO 40' Engine Powered, Telescoping Boom Manlift.....	2,092.48
01 22 23 00-0008	DAY 60' Engine Powered, Telescoping Boom Manlift.....	544.04
01 22 23 00-0009	WK 60' Engine Powered, Telescoping Boom Manlift.....	1,297.33
01 22 23 00-0010	MO 60' Engine Powered, Telescoping Boom Manlift.....	2,839.79
01 22 23 00-0011	DAY 80' Engine Powered, Telescoping Boom Manlift.....	1,058.19
01 22 23 00-0012	WK 80' Engine Powered, Telescoping Boom Manlift.....	2,564.78
01 22 23 00-0013	MO 80' Engine Powered, Telescoping Boom Manlift.....	5,380.65
01 22 23 00-0014	DAY 110' Engine Powered, Telescoping Boom Manlift.....	1,506.58
01 22 23 00-0015	WK 110' Engine Powered, Telescoping Boom Manlift.....	3,627.75
01 22 23 00-0016	MO 110' Engine Powered, Telescoping Boom Manlift.....	9,039.49
01 22 23 00-0017	DAY 120' Engine Powered, Telescoping Boom Manlift.....	1,835.40
01 22 23 00-0018	WK 120' Engine Powered, Telescoping Boom Manlift.....	4,681.17
01 22 23 00-0019	MO 120' Engine Powered, Telescoping Boom Manlift.....	10,641.73

<b>01 22 23 00-0020</b>	<b>Articulating (Up/Over) Boom Manlifts</b> <small>(01 22 23 00-0002)</small>	
<b>01 22 23 00-0021</b>	<b>Engine Powered, Articulating (Up/Over) Boom Manlifts</b> <small>(01 22 23 00-0020)</small>	
	<small>Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.</small>	
01 22 23 00-0022	DAY 34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	289.90
01 22 23 00-0023	WK 34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	727.40
01 22 23 00-0024	MO 34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,749.97
01 22 23 00-0025	DAY 45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	368.97
01 22 23 00-0026	WK 45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	806.46
01 22 23 00-0027	MO 45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	2,001.93
01 22 23 00-0028	DAY 60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	474.39
01 22 23 00-0029	WK 60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,096.37
01 22 23 00-0030	MO 60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	2,451.02
01 22 23 00-0031	DAY 80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	827.55
01 22 23 00-0032	WK 80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,950.27
01 22 23 00-0033	MO 80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	4,742.85
01 22 23 00-0034	DAY 125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,607.66
01 22 23 00-0035	WK 125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	3,795.12
01 22 23 00-0036	MO 125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	9,276.96

<b>01 22 23 00-0037</b>	<b>Electric, Articulating (Up/Over) Boom Manlifts</b> <small>(01 22 23 00-0020)</small>	
	<small>Note: For use on paved surfaces.</small>	
01 22 23 00-0038	DAY 30' Electric, Articulating (Up/Over) Boom Manlift.....	289.90
01 22 23 00-0039	WK 30' Electric, Articulating (Up/Over) Boom Manlift.....	727.40
01 22 23 00-0040	MO 30' Electric, Articulating (Up/Over) Boom Manlift.....	1,749.97
01 22 23 00-0041	DAY 35' Electric, Articulating (Up/Over) Boom Manlift.....	289.90
01 22 23 00-0042	WK 35' Electric, Articulating (Up/Over) Boom Manlift.....	727.40
01 22 23 00-0043	MO 35' Electric, Articulating (Up/Over) Boom Manlift.....	1,749.97
01 22 23 00-0044	DAY 40' Electric, Articulating (Up/Over) Boom Manlift.....	358.43
01 22 23 00-0045	WK 40' Electric, Articulating (Up/Over) Boom Manlift.....	774.84



<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0046 MO 40' Electric, Articulating (Up/Over) Boom Manlift .....	1,923.92	
01 22 23 00-0047 DAY 45' Electric, Articulating (Up/Over) Boom Manlift .....	358.43	
01 22 23 00-0048 WK 45' Electric, Articulating (Up/Over) Boom Manlift .....	774.84	
01 22 23 00-0049 MO 45' Electric, Articulating (Up/Over) Boom Manlift .....	1,923.92	
<b>01 22 23 00-0050 Platform Lifts</b> (01 22 23 00-0001) Note: Excludes operator, delivery, set-up, and removal.		
<b>01 22 23 00-0051 Electric, Scissor Platform Lifts</b> (01 22 23 00-0050) Note: For use on paved surfaces.		
01 22 23 00-0052 DAY 17' Electric, Scissor Platform Lift.....	136.34	
01 22 23 00-0053 WK 17' Electric, Scissor Platform Lift.....	272.69	
01 22 23 00-0054 MO 17' Electric, Scissor Platform Lift.....	557.78	
01 22 23 00-0055 DAY 20' Electric, Scissor Platform Lift.....	148.74	
01 22 23 00-0056 WK 20' Electric, Scissor Platform Lift.....	297.48	
01 22 23 00-0057 MO 20' Electric, Scissor Platform Lift.....	594.96	
01 22 23 00-0058 DAY 25' Electric, Scissor Platform Lift.....	192.12	
01 22 23 00-0059 WK 25' Electric, Scissor Platform Lift.....	384.24	
01 22 23 00-0060 MO 25' Electric, Scissor Platform Lift.....	824.27	
01 22 23 00-0061 DAY 30' Electric, Scissor Platform Lift.....	247.90	
01 22 23 00-0062 WK 30' Electric, Scissor Platform Lift.....	489.60	
01 22 23 00-0063 MO 30' Electric, Scissor Platform Lift.....	1,084.56	
01 22 23 00-0064 DAY 33' Electric, Scissor Platform Lift.....	266.49	
01 22 23 00-0065 WK 33' Electric, Scissor Platform Lift.....	520.59	
01 22 23 00-0066 MO 33' Electric, Scissor Platform Lift.....	1,177.52	
01 22 23 00-0067 DAY 40' Electric, Scissor Platform Lift.....	347.06	
01 22 23 00-0068 WK 40' Electric, Scissor Platform Lift.....	861.45	
01 22 23 00-0069 MO 40' Electric, Scissor Platform Lift.....	2,398.43	
<b>01 22 23 00-0070 Engine Powered, Scissor Platform Lifts</b> (01 22 23 00-0050) Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071 DAY 25' Engine Powered, Scissor Platform Lift.....	278.89	
01 22 23 00-0072 WK 25' Engine Powered, Scissor Platform Lift.....	545.38	
01 22 23 00-0073 MO 25' Engine Powered, Scissor Platform Lift.....	1,332.46	
01 22 23 00-0074 DAY 33' Engine Powered, Scissor Platform Lift.....	285.08	
01 22 23 00-0075 WK 33' Engine Powered, Scissor Platform Lift.....	650.74	
01 22 23 00-0076 MO 33' Engine Powered, Scissor Platform Lift.....	1,425.42	
01 22 23 00-0077 DAY 40' Engine Powered, Scissor Platform Lift.....	316.07	
01 22 23 00-0078 WK 40' Engine Powered, Scissor Platform Lift.....	725.11	
01 22 23 00-0079 MO 40' Engine Powered, Scissor Platform Lift.....	1,611.35	
01 22 23 00-0080 DAY 43' Engine Powered, Scissor Platform Lift.....	334.66	
01 22 23 00-0081 WK 43' Engine Powered, Scissor Platform Lift.....	780.88	
01 22 23 00-0082 MO 43' Engine Powered, Scissor Platform Lift.....	1,921.22	
01 22 23 00-0083 DAY 50' Engine Powered, Scissor Platform Lift.....	625.95	
01 22 23 00-0084 WK 50' Engine Powered, Scissor Platform Lift.....	1,375.84	
01 22 23 00-0085 MO 50' Engine Powered, Scissor Platform Lift.....	3,383.84	
<b>01 22 23 00-0086 Personnel Lifts</b> (01 22 23 00-0001) Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087 DAY 24', Push-Type, Electric Single Man Personnel Lift .....	130.67	
01 22 23 00-0088 WK 24', Push-Type, Electric Single Man Personnel Lift .....	370.23	
01 22 23 00-0089 MO 24', Push-Type, Electric Single Man Personnel Lift .....	747.73	
01 22 23 00-0090 DAY 30', Push-Type, Electric Single Man Personnel Lift .....	181.49	
01 22 23 00-0091 WK 30', Push-Type, Electric Single Man Personnel Lift .....	384.75	
01 22 23 00-0092 MO 30', Push-Type, Electric Single Man Personnel Lift .....	754.99	
01 22 23 00-0093 DAY 36', Push-Type, Electric Single Man Personnel Lift .....	304.90	
01 22 23 00-0094 WK 36', Push-Type, Electric Single Man Personnel Lift .....	740.47	
01 22 23 00-0095 MO 36', Push-Type, Electric Single Man Personnel Lift .....	2,163.33	
01 22 23 00-0096 DAY 40', Push-Type, Electric Single Man Personnel Lift .....	326.68	
01 22 23 00-0097 WK 40', Push-Type, Electric Single Man Personnel Lift .....	813.06	
01 22 23 00-0098 MO 40', Push-Type, Electric Single Man Personnel Lift .....	2,446.45	
01 22 23 00-0099 DAY 15', Self-Propelled, Electric Single Man Personnel Lift .....	174.23	
01 22 23 00-0100 WK 15', Self-Propelled, Electric Single Man Personnel Lift .....	348.46	
01 22 23 00-0101 MO 15', Self-Propelled, Electric Single Man Personnel Lift .....	696.91	
01 22 23 00-0102 DAY 20', Self-Propelled, Electric Single Man Personnel Lift .....	174.23	
01 22 23 00-0103 WK 20', Self-Propelled, Electric Single Man Personnel Lift .....	348.46	
01 22 23 00-0104 MO 20', Self-Propelled, Electric Single Man Personnel Lift .....	724.50	
<b>01 22 23 00-0105 Bucket Trucks</b> (01 22 23 00-0001) Note: Includes full-time operator, delivery, and removal.		
01 22 23 00-0106 DAY 48' Bucket Truck With Full-Time Operator .....	712.67	
For Equipment Without Operator, Deduct	-297.67	
01 22 23 00-0107 WK 48' Bucket Truck With Full-Time Operator .....	2,970.49	
For Equipment Without Operator, Deduct	-1,488.34	
01 22 23 00-0108 MO 48' Bucket Truck With Full-Time Operator .....	10,664.11	
For Equipment Without Operator, Deduct	-6,415.28	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0109	<b>Air Equipment</b> <small>(01 22 23)</small>	
01 22 23 00-0110	<b>Air Compressors</b> <small>(01 22 23 00-0109)</small>	
	Note: Includes delivery, set-up, and removal. Excludes operator.	
01 22 23 00-0111	DAY 100 CFM Diesel Powered Portable Air Compressor .....	95.80
01 22 23 00-0112	WK 100 CFM Diesel Powered Portable Air Compressor .....	287.39
01 22 23 00-0113	MO 100 CFM Diesel Powered Portable Air Compressor .....	798.31
01 22 23 00-0114	DAY 130 CFM Diesel Powered Portable Air Compressor .....	114.96
01 22 23 00-0115	WK 130 CFM Diesel Powered Portable Air Compressor .....	338.48
01 22 23 00-0116	MO 130 CFM Diesel Powered Portable Air Compressor .....	957.98
01 22 23 00-0117	DAY 185 CFM Diesel Powered Portable Air Compressor .....	153.28
01 22 23 00-0118	WK 185 CFM Diesel Powered Portable Air Compressor .....	344.87
01 22 23 00-0119	MO 185 CFM Diesel Powered Portable Air Compressor .....	759.99
01 22 23 00-0120	DAY 375 CFM Diesel Powered Portable Air Compressor .....	217.14
01 22 23 00-0121	WK 375 CFM Diesel Powered Portable Air Compressor .....	549.24
01 22 23 00-0122	MO 375 CFM Diesel Powered Portable Air Compressor .....	1,309.23
01 22 23 00-0123	DAY 600 CFM Diesel Powered Portable Air Compressor .....	482.82
01 22 23 00-0124	WK 600 CFM Diesel Powered Portable Air Compressor .....	1,162.34
01 22 23 00-0125	MO 600 CFM Diesel Powered Portable Air Compressor .....	2,896.92
01 22 23 00-0126	DAY 750 CFM Diesel Powered Portable Air Compressor .....	581.17
01 22 23 00-0127	WK 750 CFM Diesel Powered Portable Air Compressor .....	1,430.58
01 22 23 00-0128	MO 750 CFM Diesel Powered Portable Air Compressor .....	3,512.58
01 22 23 00-0129	DAY 825 CFM Diesel Powered Portable Air Compressor .....	581.17
01 22 23 00-0130	WK 825 CFM Diesel Powered Portable Air Compressor .....	1,430.58
01 22 23 00-0131	MO 825 CFM Diesel Powered Portable Air Compressor .....	3,512.58
01 22 23 00-0132	DAY 1,300 CFM Diesel Powered Portable Air Compressor .....	676.97
01 22 23 00-0133	WK 1,300 CFM Diesel Powered Portable Air Compressor .....	1,517.43
01 22 23 00-0134	MO 1,300 CFM Diesel Powered Portable Air Compressor .....	4,046.49
01 22 23 00-0135	DAY 1,600 CFM Diesel Powered Portable Air Compressor .....	843.02
01 22 23 00-0136	WK 1,600 CFM Diesel Powered Portable Air Compressor .....	1,896.79
01 22 23 00-0137	MO 1,600 CFM Diesel Powered Portable Air Compressor .....	5,058.11

01 22 23 00-0138	<b>Compaction And Paving Equipment</b> <small>(01 22 23)</small>	
01 22 23 00-0139	<b>Pavers And Rollers</b> <small>(01 22 23 00-0138)</small>	
	Note: Includes full-time operator. Excludes delivery, set-up, and removal.	
01 22 23 00-0140	<b>Pavers</b> <small>(01 22 23 00-0139)</small>	
01 22 23 00-0141	DAY 10' Wide Paving Machine With Full-Time Operator .....	2,376.28
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0142	WK 10' Wide Paving Machine With Full-Time Operator .....	7,918.26
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0143	MO 10' Wide Paving Machine With Full-Time Operator .....	26,798.12
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66

01 22 23 00-0144	<b>Ride-On Self-Propelled, Rubber Tire Rollers</b> <small>(01 22 23 00-0139)</small>	
01 22 23 00-0145	DAY 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	709.26
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0146	WK 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	2,924.93
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0147	MO 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	11,089.32
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66
01 22 23 00-0148	DAY 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	830.67
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0149	WK 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	3,827.76
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0150	MO 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....	12,452.39
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66
01 22 23 00-0151	DAY 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....	836.19
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0152	WK 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....	3,469.05
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0153	MO 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....	12,717.28
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66

01 22 23 00-0154	<b>Ride-On Self-Propelled, Padfoot Rollers</b> <small>(01 22 23 00-0139)</small>	
01 22 23 00-0155	DAY 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	758.93
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0156	WK 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	2,983.43
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0157	MO 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	11,425.95
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66
01 22 23 00-0158	DAY 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	990.71
	<i>For Equipment Without Operator, Deduct</i>	-394.71
01 22 23 00-0159	WK 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	3,452.50
	<i>For Equipment Without Operator, Deduct</i>	-1,973.54
01 22 23 00-0160	MO 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	12,904.90
	<i>For Equipment Without Operator, Deduct</i>	-8,506.66
01 22 23 00-0161	DAY 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....	1,045.89
	<i>For Equipment Without Operator, Deduct</i>	-394.71





<b>General Requirements</b>		<b>01</b>
<b>Price And Payment Procedures</b>		<b>01 20</b>
Unit Prices		01 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0162	WK		10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,800.16 -1,973.54	
01 22 23 00-0163	MO		10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	13,876.16 -8,506.66	
<b>01 22 23 00-0164</b>			<b>Towed, Padfoot Rollers</b> <small>(01 22 23 00-0139)</small>		
01 22 23 00-0165	DAY		48" Wide, 40" Diameter, Towed Padfoot Roller .....	104.85	
01 22 23 00-0166	WK		48" Wide, 40" Diameter, Towed Padfoot Roller .....	303.52	
01 22 23 00-0167	MO		48" Wide, 40" Diameter, Towed Padfoot Roller .....	894.00	
01 22 23 00-0168	DAY		60" Wide, 60" Diameter, Towed Padfoot Roller .....	132.44	
01 22 23 00-0169	WK		60" Wide, 60" Diameter, Towed Padfoot Roller .....	369.74	
01 22 23 00-0170	MO		60" Wide, 60" Diameter, Towed Padfoot Roller .....	1,572.77	
<b>01 22 23 00-0171</b>			<b>Static Rollers</b> <small>(01 22 23 00-0139)</small>		
01 22 23 00-0172	DAY		5 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	786.52 -394.71	
01 22 23 00-0173	WK		5 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,220.72 -1,973.54	
01 22 23 00-0174	MO		5 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	12,204.06 -8,506.66	
01 22 23 00-0175	DAY		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	907.93 -394.71	
01 22 23 00-0176	WK		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,551.83 -1,973.54	
01 22 23 00-0177	MO		8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	13,120.13 -8,506.66	
<b>01 22 23 00-0178</b>			<b>Ride-On Self-Propelled, Smooth Drum Vibratory Rollers</b> <small>(01 22 23 00-0139)</small>		
01 22 23 00-0179	DAY		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	609.93 -394.71	
01 22 23 00-0180	WK		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,602.65 -1,973.54	
01 22 23 00-0181	MO		1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	10,162.21 -8,506.66	
01 22 23 00-0182	DAY		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	692.71 -394.71	
01 22 23 00-0183	WK		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,850.98 -1,973.54	
01 22 23 00-0184	MO		3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	10,824.43 -8,506.66	
01 22 23 00-0185	DAY		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	747.89 -394.71	
01 22 23 00-0186	WK		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	11,265.91 -1,973.54	
01 22 23 00-0187	MO		5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	8,506.66	
01 22 23 00-0188	DAY		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	819.63 -394.71	
01 22 23 00-0189	WK		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,226.24 -1,973.54	
01 22 23 00-0190	MO		8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	11,812.24 -8,506.66	
01 22 23 00-0191	DAY		11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	963.12 -394.71	
01 22 23 00-0192	WK		11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,645.65 -1,973.54	
01 22 23 00-0193	MO		11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	12,921.46 -8,506.66	
<b>01 22 23 00-0194</b>			<b>Steel Plates</b> <small>(01 22 23 00-0138)</small> Note: 3 day minimum.		
01 22 23 00-0195	DAY		1" x 4' x 8' Steel Plate .....	18.75	
01 22 23 00-0196	WK		1" x 4' x 8' Steel Plate .....	44.27	
01 22 23 00-0197	MO		1" x 4' x 8' Steel Plate .....	58.26	
01 22 23 00-0198	DAY		1" x 4' x 10' Steel Plate .....	25.00	
01 22 23 00-0199	WK		1" x 4' x 10' Steel Plate .....	56.25	
01 22 23 00-0200	MO		1" x 4' x 10' Steel Plate .....	68.75	
01 22 23 00-0201	DAY		1" x 5' x 10' Steel Plate .....	26.04	
01 22 23 00-0202	WK		1" x 5' x 10' Steel Plate .....	58.85	
01 22 23 00-0203	MO		1" x 5' x 10' Steel Plate .....	156.24	
01 22 23 00-0204	DAY		1" x 6' x 8' Steel Plate .....	16.67	
01 22 23 00-0205	WK		1" x 6' x 8' Steel Plate .....	37.50	
01 22 23 00-0206	MO		1" x 6' x 8' Steel Plate .....	99.99	
01 22 23 00-0207	DAY		1" x 6' x 10' Steel Plate .....	31.25	
01 22 23 00-0208	WK		1" x 6' x 10' Steel Plate .....	41.14	
01 22 23 00-0209	MO		1" x 6' x 10' Steel Plate .....	109.89	
01 22 23 00-0210	DAY		1" x 6' x 12' Steel Plate .....	43.75	
01 22 23 00-0211	WK		1" x 6' x 12' Steel Plate .....	55.99	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 22 23 00-0212	MO	1" x 6' x 12' Steel Plate .....	151.55	
	01 22 23 00-0213	DAY	1" x 8' x 10' Steel Plate .....	27.60	
	01 22 23 00-0214	WK	1" x 8' x 10' Steel Plate .....	61.98	
	01 22 23 00-0215	MO	1" x 8' x 10' Steel Plate .....	165.09	
	01 22 23 00-0216	DAY	1" x 8' x 12' Steel Plate .....	50.00	
	01 22 23 00-0217	WK	1" x 8' x 12' Steel Plate .....	61.98	
	01 22 23 00-0218	MO	1" x 8' x 12' Steel Plate .....	299.98	
	01 22 23 00-0219	DAY	1" x 8' x 16' Steel Plate .....	66.66	
	01 22 23 00-0220	WK	1" x 8' x 16' Steel Plate .....	149.99	
	01 22 23 00-0221	MO	1" x 8' x 16' Steel Plate .....	399.97	
	01 22 23 00-0222	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate.....	1.17	0.50
	01 22 23 00-0223	EA	Remove And Reset Trench Plate.....	14.93	

**01 22 23 00-0224 Street Sweepers** (01 22 23 00-0138)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

	01 22 23 00-0225	DAY	8' Broom Sweeper With Full-Time Operator .....	586.03	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0226	WK	8' Broom Sweeper With Full-Time Operator .....	2,327.36	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0227	MO	8' Broom Sweeper With Full-Time Operator .....	9,219.08	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
	01 22 23 00-0228	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator.....	773.98	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0229	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator.....	3,673.75	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0230	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator.....	14,779.15	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	

**01 22 23 00-0231 Earthmoving Equipment** (01 22 23)

**01 22 23 00-0232 Skid-Steer Loaders (Bobcat)** (01 22 23 00-0231)

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

	01 22 23 00-0233	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	496.61	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0234	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	2,069.69	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0235	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	8,053.14	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
	01 22 23 00-0236	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	542.47	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0237	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	2,152.66	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0238	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	8,235.09	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
	01 22 23 00-0239	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	555.57	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0240	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	2,272.02	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0241	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	8,551.68	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
	01 22 23 00-0242	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator.....	606.51	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
	01 22 23 00-0243	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator.....	2,439.41	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
	01 22 23 00-0244	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator.....	9,104.81	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
	01 22 23 00-0245	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	145.56	
	01 22 23 00-0246	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	483.99	
	01 22 23 00-0247	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	1,288.21	
	01 22 23 00-0248	DAY	Forklift Attachment For Skid-Steer Loaders.....	31.30	
	01 22 23 00-0249	WK	Forklift Attachment For Skid-Steer Loaders.....	83.70	
	01 22 23 00-0250	MO	Forklift Attachment For Skid-Steer Loaders.....	236.54	
	01 22 23 00-0251	DAY	Backhoe Attachment For Skid-Steer Loaders.....	69.14	
	01 22 23 00-0252	WK	Backhoe Attachment For Skid-Steer Loaders.....	165.94	
	01 22 23 00-0253	MO	Backhoe Attachment For Skid-Steer Loaders.....	412.66	
	01 22 23 00-0254	DAY	Broom Attachment For Skid-Steer Loaders .....	68.41	
	01 22 23 00-0255	WK	Broom Attachment For Skid-Steer Loaders .....	185.59	
	01 22 23 00-0256	MO	Broom Attachment For Skid-Steer Loaders .....	491.26	
	01 22 23 00-0257	DAY	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	45.85	
	01 22 23 00-0258	WK	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	145.56	
	01 22 23 00-0259	MO	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	345.70	

**01 22 23 00-0260 Bulldozers** (01 22 23 00-0231)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

	01 22 23 00-0261	DAY	70 HP, D3 Bulldozer With Full-Time Operator .....	687.91	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	



<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0262	WK		70 HP, D3 Bulldozer With Full-Time Operator .....	3,129.73	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0263	MO		70 HP, D3 Bulldozer With Full-Time Operator .....	11,936.50	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0264	DAY		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	826.21	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0265	WK		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	3,688.46	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0266	MO		90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	13,651.42	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0267	DAY		140 HP, D6 Bulldozer With Full-Time Operator .....	1,218.98	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0268	WK		140 HP, D6 Bulldozer With Full-Time Operator .....	5,259.55	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0269	MO		140 HP, D6 Bulldozer With Full-Time Operator .....	18,353.62	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0270	DAY		200 HP, D7 Bulldozer With Full-Time Operator .....	1,567.49	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0271	WK		200 HP, D7 Bulldozer With Full-Time Operator .....	6,659.14	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0272	MO		200 HP, D7 Bulldozer With Full-Time Operator .....	22,557.94	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0273	DAY		335 HP, D8 Bulldozer With Full-Time Operator .....	1,982.39	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0274	WK		335 HP, D8 Bulldozer With Full-Time Operator .....	8,318.74	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0275	MO		335 HP, D8 Bulldozer With Full-Time Operator .....	27,536.74	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0276	DAY		460 HP, D9 Bulldozer With Full-Time Operator .....	2,214.74	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0277	WK		460 HP, D9 Bulldozer With Full-Time Operator .....	9,242.59	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0278	MO		460 HP, D9 Bulldozer With Full-Time Operator .....	30,302.74	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
<b>01 22 23 00-0279 Motor Scraper (01 22 23 00-0231)</b>					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0280	DAY		11 CY Motor Scraper-Hauler With Full-Time Operator .....	1,721.41	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0281	WK		11 CY Motor Scraper-Hauler With Full-Time Operator .....	7,280.35	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0282	MO		11 CY Motor Scraper-Hauler With Full-Time Operator .....	24,408.91	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0283	DAY		18 CY Motor Scraper-Hauler With Full-Time Operator .....	2,257.55	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0284	WK		18 CY Motor Scraper-Hauler With Full-Time Operator .....	9,424.88	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0285	MO		18 CY Motor Scraper-Hauler With Full-Time Operator .....	30,860.68	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0286	DAY		24 CY Motor Scraper-Hauler With Full-Time Operator .....	2,775.50	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0287	WK		24 CY Motor Scraper-Hauler With Full-Time Operator .....	11,487.63	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0288	MO		24 CY Motor Scraper-Hauler With Full-Time Operator .....	37,039.84	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
<b>01 22 23 00-0289 Hydraulic Excavators (01 22 23 00-0231)</b>					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0290	DAY		3/8 CY Hydraulic Excavator With Full-Time Operator.....	719.68	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0291	WK		3/8 CY Hydraulic Excavator With Full-Time Operator.....	3,122.98	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0292	MO		3/8 CY Hydraulic Excavator With Full-Time Operator.....	12,358.18	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0293	DAY		1/2 CY Hydraulic Excavator With Full-Time Operator.....	811.16	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0294	WK		1/2 CY Hydraulic Excavator With Full-Time Operator.....	3,526.18	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0295	MO		1/2 CY Hydraulic Excavator With Full-Time Operator.....	13,971.00	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0296	DAY		5/8 CY Hydraulic Excavator With Full-Time Operator.....	840.04	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0297	WK		5/8 CY Hydraulic Excavator With Full-Time Operator.....	3,676.63	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0298	MO		5/8 CY Hydraulic Excavator With Full-Time Operator.....	14,235.80	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0299	DAY		3/4 CY Hydraulic Excavator With Full-Time Operator.....	870.13	
			<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0300	WK		3/4 CY Hydraulic Excavator With Full-Time Operator.....	3,815.05	
			<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0301	MO		3/4 CY Hydraulic Excavator With Full-Time Operator.....	14,500.59	
			<i>For Equipment Without Operator, Deduct</i>	-8,506.66	

<b>01</b>	<b>General Requirements</b>
<b>01 20</b>	<b>Price And Payment Procedures</b>
<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0302 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	894.20	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0303 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	3,959.48	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0304 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	14,765.38	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0305 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	1,219.18	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0306 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	5,253.35	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0307 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	18,346.09	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0308 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	1,267.32	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0309 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	5,463.98	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0310 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	18,977.98	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0311 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	1,357.59	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0312 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	5,825.06	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0313 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	20,061.22	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0314 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	1,459.90	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0315 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	6,228.27	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0316 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	21,264.82	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0317 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	1,489.99	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0318 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	6,348.63	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0319 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	21,625.90	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0320 DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	1,778.85	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0321 WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	7,510.10	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0322 MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	25,116.34	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0323 DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	2,194.09	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0324 WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	9,159.03	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0325 MO 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	30,051.10	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0326 DAY Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	1,381.66	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0327 WK Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	5,909.31	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0328 MO Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	20,301.94	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0329 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators.....	84.25	
01 22 23 00-0330 WK Thumbs Or Grapple Attachment For Hydraulic Excavators.....	324.97	
01 22 23 00-0331 MO Thumbs Or Grapple Attachment For Hydraulic Excavators.....	962.88	
01 22 23 00-0332 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	373.12	
01 22 23 00-0333 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	986.95	
01 22 23 00-0334 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,762.26	
01 22 23 00-0335 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	577.73	
01 22 23 00-0336 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,474.41	
01 22 23 00-0337 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,833.47	
01 22 23 00-0338 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	806.41	
01 22 23 00-0339 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,172.50	
01 22 23 00-0340 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	6,090.22	
01 22 23 00-0341 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators.....	168.50	
01 22 23 00-0342 WK 24" Compaction Wheel Attachment For Hydraulic Excavators.....	674.02	
01 22 23 00-0343 MO 24" Compaction Wheel Attachment For Hydraulic Excavators.....	2,022.05	
01 22 23 00-0344 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators.....	240.72	
01 22 23 00-0345 WK 36" Compaction Wheel Attachment For Hydraulic Excavators.....	962.88	
01 22 23 00-0346 MO 36" Compaction Wheel Attachment For Hydraulic Excavators.....	2,888.64	
01 22 23 00-0347 DAY 48" Compaction Wheel Attachment For Hydraulic Excavators.....	264.79	
01 22 23 00-0348 WK 48" Compaction Wheel Attachment For Hydraulic Excavators.....	1,047.13	
01 22 23 00-0349 MO 48" Compaction Wheel Attachment For Hydraulic Excavators.....	3,129.36	
<b>01 22 23 00-0350 Gradall, Telescopic Hydraulic Excavators (01 22 23 00-0231)</b>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0351 DAY Gradall, Telescopic Hydraulic Excavator With Full-Time Operator.....	1,657.80	
For Track Gradall, Add	151.57	
For Equipment Without Operator, Deduct	-394.71	



		<b>General Requirements</b>	<b>01</b>
		<b>Price And Payment Procedures</b>	<b>01 20</b>
		Unit Prices	01 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0352	WK		Gradall, Telescopic Hydraulic Excavator With Full-Time Operator ..... <i>For Track Gradall, Add</i> <i>For Equipment Without Operator, Deduct</i>	5,290.30 398.01 -1,973.54	
01 22 23 00-0353	MO		Gradall, Telescopic Hydraulic Excavator With Full-Time Operator ..... <i>For Track Gradall, Add</i> <i>For Equipment Without Operator, Deduct</i>	18,629.58 1,214.75 -8,506.66	
<b>01 22 23 00-0354</b>			<b>Road Graders</b> (01 22 23 00-0231) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0355	DAY		60 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,146.02 -394.71	
01 22 23 00-0356	WK		60 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	4,005.94 -1,973.54	
01 22 23 00-0357	MO		60 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	14,584.59 -8,506.66	
01 22 23 00-0358	DAY		80 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,367.56 -394.71	
01 22 23 00-0359	WK		80 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	10,705.64 -1,973.54	
01 22 23 00-0360	MO		80 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	16,453.24 -8,506.66	
01 22 23 00-0361	DAY		130 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,521.50 -394.71	
01 22 23 00-0362	WK		130 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	5,308.47 -1,973.54	
01 22 23 00-0363	MO		130 HP Road Grader With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	18,502.36 -8,506.66	
<b>01 22 23 00-0364</b>			<b>Loader-Backhoes With Standard Bucket</b> (01 22 23 00-0231) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0365	DAY		1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	788.14 -394.71	
01 22 23 00-0366	WK		1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,907.93 -1,973.54	
01 22 23 00-0367	MO		1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	10,705.64 -8,506.66	
01 22 23 00-0368	DAY		1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	830.29 -394.71	
01 22 23 00-0369	WK		1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,055.47 -1,973.54	
01 22 23 00-0370	MO		1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	11,604.91 -8,506.66	
01 22 23 00-0371	DAY		1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	895.28 -394.71	
01 22 23 00-0372	WK		1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,217.05 -1,973.54	
01 22 23 00-0373	MO		1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	12,068.59 -8,506.66	
01 22 23 00-0374	DAY		1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,185.08 -394.71	
01 22 23 00-0375	WK		1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	4,081.19 -1,973.54	
01 22 23 00-0376	MO		1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	14,541.56 -8,506.66	
<b>01 22 23 00-0377</b>			<b>Heavy Duty Construction Loaders</b> (01 22 23 00-0231) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0378	DAY		2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	880.49 97.16 -394.71	
01 22 23 00-0379	WK		2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	3,894.23 384.14 -1,973.54	
01 22 23 00-0380	MO		2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	14,261.26 1,150.92 -8,506.66	
01 22 23 00-0381	DAY		3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	1,284.06 177.87 -394.71	
01 22 23 00-0382	WK		3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	4,335.17 472.33 -1,973.54	
01 22 23 00-0383	MO		3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	14,485.46 1,195.76 -8,506.66	
01 22 23 00-0384	DAY		3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	1,373.74 195.81 -394.71	
01 22 23 00-0385	WK		3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator ..... <i>For Track Loader Instead Of Rubber Tire, Add</i> <i>For Equipment Without Operator, Deduct</i>	4,574.32 520.16 -1,973.54	

01	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0386 MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator .....	15,083.34	
For Track Loader Instead Of Rubber Tire, Add	1,315.34	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0387 DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator .....	1,620.36	
For Track Loader Instead Of Rubber Tire, Add	245.13	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0388 WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator .....	10,194.39	
For Track Loader Instead Of Rubber Tire, Add	1,644.17	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0389 MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator .....	16,727.51	
For Track Loader Instead Of Rubber Tire, Add	1,644.17	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0390 DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator .....	2,255.61	
For Track Loader Instead Of Rubber Tire, Add	372.18	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0391 WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator .....	9,402.20	
For Track Loader Instead Of Rubber Tire, Add	1,485.73	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0392 MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator .....	30,777.69	
For Track Loader Instead Of Rubber Tire, Add	4,454.21	
For Equipment Without Operator, Deduct	-8,506.66	
01 22 23 00-0393 DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator .....	6,440.70	
For Track Loader Instead Of Rubber Tire, Add	1,209.20	
For Equipment Without Operator, Deduct	-394.71	
01 22 23 00-0394 WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator .....	21,606.22	
For Track Loader Instead Of Rubber Tire, Add	3,926.54	
For Equipment Without Operator, Deduct	-1,973.54	
01 22 23 00-0395 MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator .....	62,011.02	
For Track Loader Instead Of Rubber Tire, Add	10,700.87	
For Equipment Without Operator, Deduct	-8,506.66	
<b>01 22 23 00-0396 Portable Sediment Tank</b> <small>(01 22 23 00-0231)</small>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0397 WK Portable Sediment Tank .....	100.09	
01 22 23 00-0398 MO Portable Sediment Tank .....	293.59	
<b>01 22 23 00-0399 Shoring</b> <small>(01 22 23 00-0231)</small>		
Note: Includes delivery to job site and pick-up when complete.		
<b>01 22 23 00-0400 Aluminum Hydraulic Shoring</b> <small>(01 22 23 00-0399)</small>		
Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0401 WK 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring .....	30.17	
Note: Up to 88" spread width.		
01 22 23 00-0402 MO 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring .....	88.99	
Note: Up to 88" spread width.		
01 22 23 00-0403 WK Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring.....	40.47	
Note: Up to 88" spread width.		
01 22 23 00-0404 MO Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring.....	119.38	
Note: Up to 88" spread width.		
01 22 23 00-0405 WK Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring.....	75.05	
Note: Up to 88" spread width.		
01 22 23 00-0406 MO Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring.....	221.40	
Note: Up to 88" spread width.		
01 22 23 00-0407 EA Set-up And Remove Aluminum Hydraulic Shores, 1 Cylinder .....	12.17	
01 22 23 00-0408 EA Set-up And Remove Aluminum Hydraulic Shores, 2 Cylinders.....	19.46	
01 22 23 00-0409 EA Set-up And Remove Aluminum Hydraulic Shores, 3 Cylinders.....	32.44	
<b>01 22 23 00-0410 Trench Boxes/Trench Shields</b> <small>(01 22 23 00-0231)</small>		
Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0411 WK 4' x 6' Trench Box With Up To 48" Spreaders.....	162.38	
01 22 23 00-0412 MO 4' x 6' Trench Box With Up To 48" Spreaders.....	487.13	
01 22 23 00-0413 WK 6' x 6' Trench Box With Up To 48" Spreaders.....	183.33	
01 22 23 00-0414 MO 6' x 6' Trench Box With Up To 48" Spreaders.....	549.99	
01 22 23 00-0415 WK 8' x 6' Trench Box With Up To 48" Spreaders.....	193.81	
01 22 23 00-0416 MO 8' x 6' Trench Box With Up To 48" Spreaders.....	581.42	
01 22 23 00-0417 WK 4' x 8' Trench Box With Up To 48" Spreaders.....	178.09	
01 22 23 00-0418 MO 4' x 8' Trench Box With Up To 48" Spreaders.....	534.28	
01 22 23 00-0419 WK 6' x 8' Trench Box With Up To 48" Spreaders.....	209.52	
01 22 23 00-0420 MO 6' x 8' Trench Box With Up To 48" Spreaders.....	628.56	
01 22 23 00-0421 WK 8' x 8' Trench Box With Up To 48" Spreaders.....	235.71	
01 22 23 00-0422 MO 8' x 8' Trench Box With Up To 48" Spreaders.....	707.13	
01 22 23 00-0423 WK 4' x 10' Trench Box With Up To 48" Spreaders.....	199.04	
01 22 23 00-0424 MO 4' x 10' Trench Box With Up To 48" Spreaders.....	597.13	
01 22 23 00-0425 WK 6' x 10' Trench Box With Up To 48" Spreaders.....	235.71	
01 22 23 00-0426 MO 6' x 10' Trench Box With Up To 48" Spreaders.....	707.13	
01 22 23 00-0427 WK 8' x 10' Trench Box With Up To 48" Spreaders.....	288.09	
01 22 23 00-0428 MO 8' x 10' Trench Box With Up To 48" Spreaders.....	859.03	
01 22 23 00-0429 WK 4' x 12' Trench Box With Up To 48" Spreaders.....	235.71	
01 22 23 00-0430 MO 4' x 12' Trench Box With Up To 48" Spreaders.....	707.13	
01 22 23 00-0431 WK 6' x 12' Trench Box With Up To 48" Spreaders.....	288.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0432 MO 6' x 12' Trench Box With Up To 48" Spreaders.....	864.27	
01 22 23 00-0433 WK 8' x 12' Trench Box With Up To 48" Spreaders.....	366.66	
01 22 23 00-0434 MO 8' x 12' Trench Box With Up To 48" Spreaders.....	1,099.98	
01 22 23 00-0435 WK 4' x 14' Trench Box With Up To 48" Spreaders.....	261.90	
01 22 23 00-0436 MO 4' x 14' Trench Box With Up To 48" Spreaders.....	785.70	
01 22 23 00-0437 WK 6' x 14' Trench Box With Up To 48" Spreaders.....	340.47	
01 22 23 00-0438 MO 6' x 14' Trench Box With Up To 48" Spreaders.....	1,021.41	
01 22 23 00-0439 WK 8' x 14' Trench Box With Up To 48" Spreaders.....	419.04	
01 22 23 00-0440 MO 8' x 14' Trench Box With Up To 48" Spreaders.....	1,257.12	
01 22 23 00-0441 WK 4' x 16' Trench Box With Up To 48" Spreaders.....	288.09	
01 22 23 00-0442 MO 4' x 16' Trench Box With Up To 48" Spreaders.....	864.27	
01 22 23 00-0443 WK 6' x 16' Trench Box With Up To 48" Spreaders.....	392.85	
01 22 23 00-0444 MO 6' x 16' Trench Box With Up To 48" Spreaders.....	1,178.55	
01 22 23 00-0445 WK 8' x 16' Trench Box With Up To 48" Spreaders.....	471.42	
01 22 23 00-0446 MO 8' x 16' Trench Box With Up To 48" Spreaders.....	1,414.26	
01 22 23 00-0447 WK 4' x 20' Trench Box With Up To 48" Spreaders.....	340.47	
01 22 23 00-0448 MO 4' x 20' Trench Box With Up To 48" Spreaders.....	1,021.41	
01 22 23 00-0449 WK 6' x 20' Trench Box With Up To 48" Spreaders.....	471.42	
01 22 23 00-0450 MO 6' x 20' Trench Box With Up To 48" Spreaders.....	1,414.26	
01 22 23 00-0451 WK 8' x 20' Trench Box With Up To 48" Spreaders.....	549.99	
01 22 23 00-0452 MO 8' x 20' Trench Box With Up To 48" Spreaders.....	1,649.97	
01 22 23 00-0453 WK 4' x 24' Trench Box With Up To 48" Spreaders.....	471.42	
01 22 23 00-0454 MO 4' x 24' Trench Box With Up To 48" Spreaders.....	1,414.26	
01 22 23 00-0455 WK 6' x 24' Trench Box With Up To 48" Spreaders.....	576.18	
01 22 23 00-0456 MO 6' x 24' Trench Box With Up To 48" Spreaders.....	1,728.54	
01 22 23 00-0457 WK 8' x 24' Trench Box With Up To 48" Spreaders.....	628.56	
01 22 23 00-0458 MO 8' x 24' Trench Box With Up To 48" Spreaders.....	1,885.68	
01 22 23 00-0459 WK For Spreaders >48" To 84", Add.....	15.71	
01 22 23 00-0460 MO For Spreaders >48" To 84", Add.....	47.14	
01 22 23 00-0461 WK For Spreaders >84" To 120", Add.....	94.28	
01 22 23 00-0462 MO For Spreaders >84" To 120", Add.....	282.85	
01 22 23 00-0463 WK For Spreaders >120", Add.....	199.04	
01 22 23 00-0464 MO For Spreaders >120", Add.....	597.13	
01 22 23 00-0465 WK 8' x 4' Manhole Box.....	247.50	
01 22 23 00-0466 MO 8' x 4' Manhole Box.....	742.49	
01 22 23 00-0467 WK 8' x 8' Manhole Box.....	353.57	
01 22 23 00-0468 MO 8' x 8' Manhole Box.....	1,060.70	
<b>01 22 23 00-0469 Trenchers</b> <small>(01 22 23 00-0231)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0470 DAY 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	626.17	
<i>For Equipment Without Operator, Deduct</i>		
	-394.71	
01 22 23 00-0471 WK 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	2,761.94	
<i>For Equipment Without Operator, Deduct</i>		
	-1,973.54	
01 22 23 00-0472 MO 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	10,676.56	
<i>For Equipment Without Operator, Deduct</i>		
	-8,506.66	
01 22 23 00-0473 DAY 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,016.75	
<i>For Equipment Without Operator, Deduct</i>		
	-394.71	
01 22 23 00-0474 WK 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	4,078.34	
<i>For Equipment Without Operator, Deduct</i>		
	-1,973.54	
01 22 23 00-0475 MO 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	14,293.06	
<i>For Equipment Without Operator, Deduct</i>		
	-8,506.66	
<b>01 22 23 00-0476 Heavy Equipment Mats</b> <small>(01 22 23 00-0231)</small>		
Note: Rental price per mat. Excludes mobilization and demobilization. See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0477 Day 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	20.00	
01 22 23 00-0478 WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	47.62	
01 22 23 00-0479 MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	100.00	
01 22 23 00-0480 Day 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	21.00	
01 22 23 00-0481 WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	50.00	
01 22 23 00-0482 MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	105.00	
01 22 23 00-0483 Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	17.00	
01 22 23 00-0484 WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	40.00	
01 22 23 00-0485 MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	85.00	
01 22 23 00-0486 Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	19.00	
01 22 23 00-0487 WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	45.00	
01 22 23 00-0488 MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	95.00	
01 22 23 00-0489 Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	21.00	
01 22 23 00-0490 WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	50.00	
01 22 23 00-0491 MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	105.00	
01 22 23 00-0492 Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	23.00	
01 22 23 00-0493 WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	54.76	
01 22 23 00-0494 MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	115.00	
01 22 23 00-0495 Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	18.00	
01 22 23 00-0496 WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	50.00	
01 22 23 00-0497 MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	90.00	
01 22 23 00-0498 Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	21.00	
01 22 23 00-0499 WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	50.00	
01 22 23 00-0500 MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	105.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-0501	Day	20'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.00	
01 22 23 00-0502	WK	20'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	55.00	
01 22 23 00-0503	MO	20'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	125.00	
01 22 23 00-0504	Day	24'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	27.00	
01 22 23 00-0505	WK	24'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	64.29	
01 22 23 00-0506	MO	24'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	135.00	
01 22 23 00-0507	Day	28'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.00	
01 22 23 00-0508	WK	28'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	69.05	
01 22 23 00-0509	MO	28'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	145.00	
01 22 23 00-0510	Day	30'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.00	
01 22 23 00-0511	WK	30'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.43	
01 22 23 00-0512	MO	30'	Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	150.00	
01 22 23 00-0513	Day	14'	Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.62	
01 22 23 00-0514	WK	14'	Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.05	
01 22 23 00-0515	MO	14'	Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.15	
01 22 23 00-0516	Day	14'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.50	
01 22 23 00-0517	WK	14'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.75	
01 22 23 00-0518	MO	14'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	86.25	
01 22 23 00-0519	Day	16'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.13	
01 22 23 00-0520	WK	16'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.83	
01 22 23 00-0521	MO	16'	Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.50	
01 22 23 00-0522	Day	14'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.00	
01 22 23 00-0523	WK	14'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.00	
01 22 23 00-0524	MO	14'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.00	
01 22 23 00-0525	Day	16'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.00	
01 22 23 00-0526	WK	16'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00	
01 22 23 00-0527	MO	16'	Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.00	
01 22 23 00-0528	Day	16'	Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.39	
01 22 23 00-0529	WK	16'	Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.97	
01 22 23 00-0530	MO	16'	Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.90	
01 22 23 00-0531	Day	24'	Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.15	
01 22 23 00-0532	WK	24'	Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.37	
01 22 23 00-0533	MO	24'	Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	106.10	
01 22 23 00-0534	Day	30'	Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.15	
01 22 23 00-0535	WK	30'	Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.88	
01 22 23 00-0536	MO	30'	Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	143.65	
01 22 23 00-0537	Day	24'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.56	
01 22 23 00-0538	WK	24'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.40	
01 22 23 00-0539	MO	24'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.20	
01 22 23 00-0540	Day	40'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.62	
01 22 23 00-0541	WK	40'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.05	
01 22 23 00-0542	MO	40'	Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	207.14	
01 22 23 00-0543	Day	40'	Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.44	
01 22 23 00-0544	WK	40'	Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	73.60	
01 22 23 00-0545	MO	40'	Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	220.80	

### 01 22 23 00-0546 Electrical Equipment (01 22 23)

#### 01 22 23 00-0547 Tripod Mounted Floodlights (01 22 23 00-0546)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0548	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	44.65
01 22 23 00-0549	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	105.63
01 22 23 00-0550	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	223.24
01 22 23 00-0551	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	44.65
01 22 23 00-0552	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	130.68
01 22 23 00-0553	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	386.60
01 22 23 00-0554	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	50.09
01 22 23 00-0555	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	136.12
01 22 23 00-0556	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	332.14

#### 01 22 23 00-0557 Trailer Mounted Floodlights (01 22 23 00-0546)

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0558	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	125.24
01 22 23 00-0559	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	277.70
01 22 23 00-0560	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	598.95

#### 01 22 23 00-0561 Generator Sets (01 22 23 00-0546)

##### 01 22 23 00-0562 Portable, Gas Or Diesel Powered Generator Sets (01 22 23 00-0561)

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0645 for reimbursable fuel fees.

01 22 23 00-0563	DAY	3.6 KW, 8 HP Gas Powered Generator Set	43.81
		<i>For LP Or NG Gas, Add</i>	5.48
01 22 23 00-0564	WK	3.6 KW, 8 HP Gas Powered Generator Set	157.91
		<i>For LP Or NG Gas, Add</i>	19.74
01 22 23 00-0565	MO	3.6 KW, 8 HP Gas Powered Generator Set	438.08
		<i>For LP Or NG Gas, Add</i>	54.76
01 22 23 00-0566	DAY	5 KW, 11 HP Gas Powered Generator Set	62.15
		<i>For LP Or NG Gas, Add</i>	7.77





<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0567	WK		5 KW, 11 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	198.67 24.83	
01 22 23 00-0568	MO		5 KW, 11 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	453.37 56.67	
01 22 23 00-0569	DAY		6.5 KW, 13 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	79.47 9.93	
01 22 23 00-0570	WK		6.5 KW, 13 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	213.95 26.74	
01 22 23 00-0571	MO		6.5 KW, 13 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	590.90 73.86	
01 22 23 00-0572	DAY		10 KW, 18 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	88.64 11.08	
01 22 23 00-0573	WK		10 KW, 18 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	239.42 29.93	
01 22 23 00-0574	MO		10 KW, 18 HP Gas Powered Generator Set..... <i>For LP Or NG Gas, Add</i>	687.69 85.96	
<b>01 22 23 00-0575</b>			<b>Towable, Diesel Powered Generator Sets</b> <small>(01 22 23 00-0561)</small> Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0645 for reimbursable fuel fees.		
01 22 23 00-0576	DAY		20 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	182.37	
01 22 23 00-0577	WK		20 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	476.80	
01 22 23 00-0578	MO		20 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	1,298.97	
01 22 23 00-0579	DAY		40.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	203.54	
01 22 23 00-0580	WK		40.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	458.45	
01 22 23 00-0581	MO		40.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	1,221.24	
01 22 23 00-0582	DAY		70.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	266.54	
01 22 23 00-0583	WK		70.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	597.70	
01 22 23 00-0584	MO		70.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	1,659.82	
01 22 23 00-0585	DAY		100.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	335.20	
01 22 23 00-0586	WK		100.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	739.05	
01 22 23 00-0587	MO		100.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	2,104.06	
01 22 23 00-0588	DAY		120.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	345.29	
01 22 23 00-0589	WK		120.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	795.58	
01 22 23 00-0590	MO		120.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	2,451.37	
01 22 23 00-0591	DAY		150.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	355.39	
01 22 23 00-0592	WK		150.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	848.08	
01 22 23 00-0593	MO		150.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	2,798.68	
01 22 23 00-0594	DAY		175.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	389.31	
01 22 23 00-0595	WK		175.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	885.24	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0596 MO 175.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	2,940.03	
01 22 23 00-0597 DAY 250.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	484.62	
01 22 23 00-0598 WK 250.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	1,239.82	
01 22 23 00-0599 MO 250.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	3,271.18	
01 22 23 00-0600 DAY 300.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	549.24	
01 22 23 00-0601 WK 300.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	1,332.70	
01 22 23 00-0602 MO 300.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	3,634.65	
01 22 23 00-0603 DAY 350.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	775.39	
01 22 23 00-0604 WK 350.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	1,744.63	
01 22 23 00-0605 MO 350.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	4,652.35	
01 22 23 00-0606 DAY 400.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	827.89	
01 22 23 00-0607 WK 400.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	2,003.10	
01 22 23 00-0608 MO 400.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	5,855.82	
01 22 23 00-0609 DAY 500.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	924.01	
01 22 23 00-0610 WK 500.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	2,100.02	
01 22 23 00-0611 MO 500.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	6,300.06	
01 22 23 00-0612 DAY 750.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	1,292.32	
01 22 23 00-0613 WK 750.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	3,230.80	
01 22 23 00-0614 MO 750.0 KW, 60 Hertz Diesel Powered Generator Set..... Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	9,692.40	
01 22 23 00-0615 EA Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	526.84	
01 22 23 00-0616 EA 350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	811.37	
<b>01 22 23 00-0617 Cabling For Generator Sets</b> (01 22 23 00-0561) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0618 DAY #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	17.77	
01 22 23 00-0619 WK #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	31.10	
01 22 23 00-0620 MO #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	93.29	
01 22 23 00-0621 DAY 50', 4/0 Cable With Camlock Ends For Generator Set.....	8.88	
01 22 23 00-0622 WK 50', 4/0 Cable With Camlock Ends For Generator Set.....	25.85	
01 22 23 00-0623 MO 50', 4/0 Cable With Camlock Ends For Generator Set.....	71.89	
<b>01 22 23 00-0624 Resistive Loadbanks</b> (01 22 23 00-0561) Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0645 for reimbursable fuel fees.		
01 22 23 00-0625 DAY 100 KW A/C Resistive Loadbank.....	281.51	
01 22 23 00-0626 WK 100 KW A/C Resistive Loadbank.....	694.78	
01 22 23 00-0627 MO 100 KW A/C Resistive Loadbank.....	2,078.36	
01 22 23 00-0628 DAY 650 KW A/C Resistive Loadbank.....	474.37	
01 22 23 00-0629 WK 650 KW A/C Resistive Loadbank.....	1,268.58	
01 22 23 00-0630 MO 650 KW A/C Resistive Loadbank.....	3,234.33	
<b>01 22 23 00-0631 Sub-Distribution Panels (Spider Box)</b> (01 22 23 00-0561) Note: Includes delivery to job site and pick-up when complete.		



<b>General Requirements</b>		<b>01</b>
<b>Price And Payment Procedures</b>		<b>01 20</b>
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0632 DAY Sub-Distribution Panel (Spider Box) .....	43.62	
01 22 23 00-0633 WK Sub-Distribution Panel (Spider Box) .....	113.08	
01 22 23 00-0634 MO Sub-Distribution Panel (Spider Box) .....	319.04	
<b>01 22 23 00-0635 Portable Distribution Panels (01 22 23 00-0631)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0636 DAY 200 Amp Spider Box Feeder Panel .....	96.92	
01 22 23 00-0637 WK 200 Amp Spider Box Feeder Panel .....	262.50	
01 22 23 00-0638 MO 200 Amp Spider Box Feeder Panel .....	735.01	
01 22 23 00-0639 DAY 100 Amp Quad Box Panel .....	79.15	
01 22 23 00-0640 WK 100 Amp Quad Box Panel .....	205.96	
01 22 23 00-0641 MO 100 Amp Quad Box Panel .....	585.58	
01 22 23 00-0642 DAY 200 Amp Quad Box Panel .....	100.96	
01 22 23 00-0643 WK 200 Amp Quad Box Panel .....	254.43	
01 22 23 00-0644 MO 200 Amp Quad Box Panel .....	690.58	
<b>01 22 23 00-0645 Fuel Reimbursement For Generators (01 22 23 00-0661)</b>		
01 22 23 00-0646 EA Fuel Reimbursement For Generators .....	1.00	
Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.		
<b>01 22 23 00-0647 Space Heaters (01 22 23 00-0546)</b>		
Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0648 DAY 150,000 BTU/Hour Space Heater .....	48.37	
01 22 23 00-0649 WK 150,000 BTU/Hour Space Heater .....	139.06	
01 22 23 00-0650 MO 150,000 BTU/Hour Space Heater .....	392.99	
01 22 23 00-0651 DAY 500,000 BTU/Hour Space Heater .....	102.78	
01 22 23 00-0652 WK 500,000 BTU/Hour Space Heater .....	253.93	
01 22 23 00-0653 MO 500,000 BTU/Hour Space Heater .....	642.09	
<b>01 22 23 00-0654 General Equipment (01 22 23)</b>		
<b>01 22 23 00-0655 Jacks And Bracing (01 22 23 00-0654)</b>		
Note: Includes delivery to job site and pick-up when complete.		
<b>01 22 23 00-0656 Manual Hydraulic Jacks (01 22 23 00-0655)</b>		
01 22 23 00-0657 DAY 12 Ton Manual Hydraulic Bottle Jack .....	15.49	
01 22 23 00-0658 WK 12 Ton Manual Hydraulic Bottle Jack .....	40.28	
01 22 23 00-0659 MO 12 Ton Manual Hydraulic Bottle Jack .....	71.27	
01 22 23 00-0660 DAY 20 Ton Manual Hydraulic Bottle Jack .....	30.99	
01 22 23 00-0661 WK 20 Ton Manual Hydraulic Bottle Jack .....	86.77	
01 22 23 00-0662 MO 20 Ton Manual Hydraulic Bottle Jack .....	170.43	
01 22 23 00-0663 DAY 50 Ton Manual Hydraulic Bottle Jack .....	48.03	
01 22 23 00-0664 WK 50 Ton Manual Hydraulic Bottle Jack .....	119.30	
01 22 23 00-0665 MO 50 Ton Manual Hydraulic Bottle Jack .....	201.42	
01 22 23 00-0666 DAY 100 Ton Manual Hydraulic Bottle Jack .....	127.05	
01 22 23 00-0667 WK 100 Ton Manual Hydraulic Bottle Jack .....	305.23	
01 22 23 00-0668 MO 100 Ton Manual Hydraulic Bottle Jack .....	508.20	
<b>01 22 23 00-0669 Manual Screw Jacks (01 22 23 00-0655)</b>		
01 22 23 00-0670 DAY 10 To 20 Ton Manual Screw Jack .....	13.67	
01 22 23 00-0671 WK 10 To 20 Ton Manual Screw Jack .....	36.81	
01 22 23 00-0672 MO 10 To 20 Ton Manual Screw Jack .....	102.01	
<b>01 22 23 00-0673 Pressure Washers (01 22 23 00-0654)</b>		
Note: Includes full-time operator, delivery, set-up, and removal.		
01 22 23 00-0674 DAY 2,000 PSI Pressure Washer With Full-Time Operator .....	388.75	
For Equipment Without Operator, Deduct		-308.86
01 22 23 00-0675 WK 2,000 PSI Pressure Washer With Full-Time Operator .....	1,747.09	
For Equipment Without Operator, Deduct		-1,544.29
01 22 23 00-0676 MO 2,000 PSI Pressure Washer With Full-Time Operator .....	7,172.65	
For Equipment Without Operator, Deduct		-6,656.43
01 22 23 00-0677 DAY 2,500 PSI Pressure Washer With Full-Time Operator .....	388.75	
For Equipment Without Operator, Deduct		-308.86
01 22 23 00-0678 WK 2,500 PSI Pressure Washer With Full-Time Operator .....	1,747.09	
For Equipment Without Operator, Deduct		-1,544.29
01 22 23 00-0679 MO 2,500 PSI Pressure Washer With Full-Time Operator .....	7,172.65	
For Equipment Without Operator, Deduct		-6,656.43
01 22 23 00-0680 DAY 3,000 PSI Pressure Washer With Full-Time Operator .....	388.75	
For Equipment Without Operator, Deduct		-308.86
01 22 23 00-0681 WK 3,000 PSI Pressure Washer With Full-Time Operator .....	1,747.09	
For Equipment Without Operator, Deduct		-1,544.29

01	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0682 MO 3,000 PSI Pressure Washer With Full-Time Operator .....	7,172.65	
<i>For Equipment Without Operator, Deduct</i>	-6,656.43	
01 22 23 00-0683 DAY 3,500 PSI Pressure Washer With Full-Time Operator .....	394.90	
<i>For Equipment Without Operator, Deduct</i>	-308.86	
01 22 23 00-0684 WK 3,500 PSI Pressure Washer With Full-Time Operator .....	1,765.53	
<i>For Equipment Without Operator, Deduct</i>	-1,544.29	
01 22 23 00-0685 MO 3,500 PSI Pressure Washer With Full-Time Operator .....	7,221.82	
<i>For Equipment Without Operator, Deduct</i>	-6,656.43	
01 22 23 00-0686 DAY 4,000 PSI Pressure Washer With Full-Time Operator .....	419.48	
<i>For Equipment Without Operator, Deduct</i>	-308.86	
01 22 23 00-0687 WK 4,000 PSI Pressure Washer With Full-Time Operator .....	1,845.42	
<i>For Equipment Without Operator, Deduct</i>	-1,544.29	
01 22 23 00-0688 MO 4,000 PSI Pressure Washer With Full-Time Operator .....	7,498.36	
<i>For Equipment Without Operator, Deduct</i>	-6,656.43	
01 22 23 00-0689 DAY 5,000 PSI Pressure Washer With Full-Time Operator .....	431.77	
<i>For Equipment Without Operator, Deduct</i>	-308.86	
01 22 23 00-0690 WK 5,000 PSI Pressure Washer With Full-Time Operator .....	1,876.15	
<i>For Equipment Without Operator, Deduct</i>	-1,544.29	
01 22 23 00-0691 MO 5,000 PSI Pressure Washer With Full-Time Operator .....	7,590.55	
<i>For Equipment Without Operator, Deduct</i>	-6,656.43	
<b>01 22 23 00-0692 Confined Space Entry Equipment</b> <small>(01 22 23 00-0654)</small>		
<i>Note: Includes delivery, set-up, and removal.</i>		
01 22 23 00-0693 DAY Ventilation Equipment For Confined Space .....	42.00	
<i>Note: Includes electric or gas blower and ventilation duct up to 25'.</i>		
01 22 23 00-0694 WK Ventilation Equipment For Confined Space .....	126.00	
<i>Note: Includes electric or gas blower and ventilation duct up to 25'.</i>		
01 22 23 00-0695 MO Ventilation Equipment For Confined Space .....	376.00	
<i>Note: Includes electric or gas blower and ventilation duct up to 25'.</i>		
<b>01 22 23 00-0696 Material Handling Equipment</b> <small>(01 22 23)</small>		
<b>01 22 23 00-0697 Truck Mounted Hydraulic Cranes</b> <small>(01 22 23 00-0696)</small>		
<i>Note: Includes full-time operator. Excludes delivery, set-up, and removal.</i>		
01 22 23 00-0698 DAY 6 Ton Lift Hydraulic Crane With Full-Time Operator .....	712.98	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0699 WK 6 Ton Lift Hydraulic Crane With Full-Time Operator .....	2,937.72	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0700 MO 6 Ton Lift Hydraulic Crane With Full-Time Operator .....	11,408.57	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0701 DAY 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator .....	797.23	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0702 WK 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator .....	3,188.13	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0703 MO 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator .....	12,157.45	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0704 DAY 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator .....	881.48	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0705 WK 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator .....	3,438.54	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0706 MO 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator .....	12,906.33	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0707 DAY 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator .....	993.81	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0708 WK 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator .....	3,775.53	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0709 MO 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator .....	13,912.64	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0710 DAY 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator .....	1,096.79	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0711 WK 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator .....	4,472.93	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0712 MO 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator .....	16,002.95	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0713 DAY 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator .....	1,340.17	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0714 WK 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator .....	5,343.50	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0715 MO 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator .....	18,616.54	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0716 DAY 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator .....	1,494.63	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0717 WK 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator .....	5,886.44	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0718 MO 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator .....	20,249.10	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	
01 22 23 00-0719 DAY 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator .....	1,616.32	
<i>For Equipment Without Operator, Deduct</i>	-394.71	
01 22 23 00-0720 WK 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator .....	6,326.40	
<i>For Equipment Without Operator, Deduct</i>	-1,973.54	
01 22 23 00-0721 MO 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator .....	21,567.13	
<i>For Equipment Without Operator, Deduct</i>	-8,506.66	



<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0722 DAY 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,738.01 -394.71	
01 22 23 00-0723 WK 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	6,766.37 -1,973.54	
01 22 23 00-0724 MO 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	22,885.16 -8,506.66	
01 22 23 00-0725 DAY 90 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,817.58 -394.71	
01 22 23 00-0726 WK 90 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	7,037.84 -1,973.54	
01 22 23 00-0727 MO 90 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	23,708.92 -8,506.66	
01 22 23 00-0728 DAY 100 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,925.23 -394.71	
01 22 23 00-0729 WK 100 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	7,440.36 -1,973.54	
01 22 23 00-0730 MO 100 Ton Lift Hydraulic Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	24,907.13 -8,506.66	
<b>01 22 23 00-0731 Cranes, Mechanical, Cable Controlled Lattice Boom, Truck Mounted</b> <small>(01 22 23 00-0696)</small>		
<i>Note: Includes full-time operator. Excludes delivery, set-up, and removal.</i>		
01 22 23 00-0732 DAY 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	1,518.03 -394.71	
01 22 23 00-0733 WK 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	5,980.05 -1,973.54	
01 22 23 00-0734 MO 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	20,526.18 -8,506.66	
01 22 23 00-0735 DAY 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,383.92 -394.71	
01 22 23 00-0736 WK 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	7,421.64 -1,973.54	
01 22 23 00-0737 MO 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	24,850.97 -8,506.66	
01 22 23 00-0738 DAY 125 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,524.34 -394.71	
01 22 23 00-0739 WK 125 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	8,446.67 -1,973.54	
01 22 23 00-0740 MO 125 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	27,925.12 -8,506.66	
01 22 23 00-0741 DAY 150 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,805.17 -394.71	
01 22 23 00-0742 WK 150 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	9,471.70 -1,973.54	
01 22 23 00-0743 MO 150 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	30,995.53 -8,506.66	
01 22 23 00-0744 DAY 250 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,071.96 -394.71	
01 22 23 00-0745 WK 250 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	11,521.76 -1,973.54	
01 22 23 00-0746 MO 250 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	37,151.32 -8,506.66	
01 22 23 00-0747 DAY 300 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	3,511.92 -394.71	
01 22 23 00-0748 WK 300 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	13,099.09 -1,973.54	
01 22 23 00-0749 MO 300 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	41,876.75 -8,506.66	
01 22 23 00-0750 DAY 500 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	6,217.25 -394.71	
01 22 23 00-0751 WK 500 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	22,740.92 -1,973.54	
01 22 23 00-0752 MO 500 Ton Lift Mechanical Crane With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	70,813.48 -8,506.66	
<b>01 22 23 00-0753 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts</b> <small>(01 22 23 00-0696)</small>		
<i>Note: Includes full-time operator. Excludes delivery, set-up, and removal.</i>		
01 22 23 00-0754 DAY 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	766.74 -322.67	
01 22 23 00-0755 WK 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,700.16 -1,613.36	
01 22 23 00-0756 MO 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	9,291.36 -6,954.16	
01 22 23 00-0757 DAY 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	813.48 -322.67	
01 22 23 00-0758 WK 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,805.33 -1,613.36	
01 22 23 00-0759 MO 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	9,525.08 -6,954.16	
01 22 23 00-0760 DAY 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	801.80 -322.67	
01 22 23 00-0761 WK 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... <i>For Equipment Without Operator, Deduct</i>	2,857.92 -1,613.36	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0762	MO		8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	9,875.66	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
01 22 23 00-0763	DAY		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	936.19	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
01 22 23 00-0764	WK		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	3,208.50	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
01 22 23 00-0765	MO		10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator.....	10,693.68	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
<b>01 22 23 00-0766 Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0696)</b>					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0767	DAY		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	611.31	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	57.73	
01 22 23 00-0768	WK		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	2,401.58	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	157.64	
01 22 23 00-0769	MO		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	8,758.19	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	360.81	
01 22 23 00-0770	DAY		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	626.51	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	60.77	
01 22 23 00-0771	WK		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	2,443.07	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	165.94	
01 22 23 00-0772	MO		6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	8,853.14	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	379.80	
01 22 23 00-0773	DAY		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	708.31	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	77.13	
01 22 23 00-0774	WK		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	2,670.94	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	211.52	
01 22 23 00-0775	MO		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	9,379.00	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	484.97	
01 22 23 00-0776	DAY		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	753.36	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	86.14	
01 22 23 00-0777	WK		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	2,651.43	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	207.61	
01 22 23 00-0778	MO		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	9,538.29	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	516.83	
01 22 23 00-0779	DAY		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	839.49	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
01 22 23 00-0780	WK		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	2,859.04	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
01 22 23 00-0781	MO		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	10,055.11	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
<b>01 22 23 00-0782 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0696)</b>					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0783	DAY		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	568.08	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	49.08	
01 22 23 00-0784	WK		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	2,174.29	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	112.19	
01 22 23 00-0785	MO		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	8,298.05	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	268.78	
01 22 23 00-0786	DAY		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	573.92	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	50.25	
01 22 23 00-0787	WK		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	2,191.82	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	115.69	
01 22 23 00-0788	MO		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	8,338.95	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	276.96	
01 22 23 00-0789	DAY		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	696.62	
			<i>For Equipment Without Operator, Deduct</i>	-322.67	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	74.79	
01 22 23 00-0790	WK		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	2,460.60	
			<i>For Equipment Without Operator, Deduct</i>	-1,613.36	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	169.45	
01 22 23 00-0791	MO		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	8,999.21	
			<i>For Equipment Without Operator, Deduct</i>	-6,954.16	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	409.01	



<b>General Requirements</b>		<b>01</b>
<b>Price And Payment Procedures</b>		<b>01 20</b>
<b>Unit Prices</b>		<b>01 22</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0792 DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	708.31	
For Equipment Without Operator, Deduct	-322.67	
For Propane Instead Of Gas Or Diesel, Add	77.13	
01 22 23 00-0793 WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	2,559.93	
For Equipment Without Operator, Deduct	-1,613.36	
For Propane Instead Of Gas Or Diesel, Add	189.31	
01 22 23 00-0794 MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	9,349.79	
For Equipment Without Operator, Deduct	-6,954.16	
For Propane Instead Of Gas Or Diesel, Add	479.13	
01 22 23 00-0795 DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	813.48	
For Equipment Without Operator, Deduct	-322.67	
For Propane Instead Of Gas Or Diesel, Add	98.16	
01 22 23 00-0796 WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	2,729.37	
For Equipment Without Operator, Deduct	-1,613.36	
For Propane Instead Of Gas Or Diesel, Add	223.20	
01 22 23 00-0797 MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	9,641.94	
For Equipment Without Operator, Deduct	-6,954.16	
For Propane Instead Of Gas Or Diesel, Add	537.56	
<b>01 22 23 00-0798 Chain Hoists (01 22 23 00-0696)</b>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0799 DAY 1 Ton, 20' Lift, Manual Chain Hoist.....	15.49	
01 22 23 00-0800 WK 1 Ton, 20' Lift, Manual Chain Hoist.....	41.83	
01 22 23 00-0801 MO 1 Ton, 20' Lift, Manual Chain Hoist.....	105.36	
01 22 23 00-0802 DAY 3 Ton, 20' Lift, Manual Chain Hoist.....	34.09	
01 22 23 00-0803 WK 3 Ton, 20' Lift, Manual Chain Hoist.....	82.12	
01 22 23 00-0804 MO 3 Ton, 20' Lift, Manual Chain Hoist.....	204.52	
01 22 23 00-0805 DAY 5 Ton, 20' Lift, Manual Chain Hoist.....	49.58	
01 22 23 00-0806 WK 5 Ton, 20' Lift, Manual Chain Hoist.....	119.30	
01 22 23 00-0807 MO 5 Ton, 20' Lift, Manual Chain Hoist.....	297.48	
01 22 23 00-0808 DAY 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	99.16	
01 22 23 00-0809 WK 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	238.61	
01 22 23 00-0810 MO 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	594.97	
01 22 23 00-0811 DAY 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	111.56	
01 22 23 00-0812 WK 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	269.60	
01 22 23 00-0813 MO 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	669.34	
01 22 23 00-0814 DAY 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	139.45	
01 22 23 00-0815 WK 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	336.22	
01 22 23 00-0816 MO 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	836.68	
<b>01 22 23 00-0817 Pumping Equipment (01 22 23)</b>		
<b>01 22 23 00-0818 Gas Powered Portable Centrifugal Pumps (01 22 23 00-0817)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0842 for larger diameter pumps.		
01 22 23 00-0819 DAY 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	56.00	
01 22 23 00-0820 WK 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	126.00	
01 22 23 00-0821 MO 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	336.00	
01 22 23 00-0822 DAY 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	67.20	
01 22 23 00-0823 WK 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	151.20	
01 22 23 00-0824 MO 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	403.20	
<b>01 22 23 00-0825 Gas Powered Portable Diaphragm Pumps (01 22 23 00-0817)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0826 DAY 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	64.40	
01 22 23 00-0827 WK 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	182.00	
01 22 23 00-0828 MO 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	462.00	
01 22 23 00-0829 DAY 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	78.40	
01 22 23 00-0830 WK 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	210.00	
01 22 23 00-0831 MO 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	595.00	
<b>01 22 23 00-0832 Gas Powered Portable Trash Pumps (01 22 23 00-0817)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0833 DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	81.20	
01 22 23 00-0834 WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	168.00	
01 22 23 00-0835 MO 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	504.00	
01 22 23 00-0836 DAY 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	81.20	
01 22 23 00-0837 WK 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	217.00	
01 22 23 00-0838 MO 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	595.00	
01 22 23 00-0839 DAY 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	128.80	
01 22 23 00-0840 WK 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	364.00	
01 22 23 00-0841 MO 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,057.00	
<b>01 22 23 00-0842 Diesel Powered Portable Trash Pumps (01 22 23 00-0817)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0843 DAY 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	252.00	
01 22 23 00-0844 WK 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	686.00	
01 22 23 00-0845 MO 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	2,989.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0846	DAY		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	385.00	
01 22 23 00-0847	WK		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	1,008.00	
01 22 23 00-0848	MO		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	2,681.00	
01 22 23 00-0849	DAY		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	523.60	
01 22 23 00-0850	WK		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	1,401.40	
01 22 23 00-0851	MO		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	3,749.20	
01 22 23 00-0852	DAY		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....	677.60	
01 22 23 00-0853	WK		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....	1,730.40	
01 22 23 00-0854	MO		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....	5,082.00	
<b>01 22 23 00-0855</b>			<b>Diesel Powered Portable Silenced Environmental Trash Pumps</b> (01 22 23 00-0817)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0856	DAY		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	359.80	
01 22 23 00-0857	WK		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	819.00	
01 22 23 00-0858	MO		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	2,553.60	
01 22 23 00-0859	DAY		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	441.00	
01 22 23 00-0860	WK		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	1,099.00	
01 22 23 00-0861	MO		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	2,989.00	
01 22 23 00-0862	DAY		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	532.00	
01 22 23 00-0863	WK		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	1,573.60	
01 22 23 00-0864	MO		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	4,389.00	
01 22 23 00-0865	DAY		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	800.80	
01 22 23 00-0866	WK		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	2,045.40	
01 22 23 00-0867	MO		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump .....	6,006.00	
<b>01 22 23 00-0868</b>			<b>3 Phase Electric Submersible Pumps</b> (01 22 23 00-0817)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0869	DAY		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....	140.00	
01 22 23 00-0870	WK		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....	350.00	
01 22 23 00-0871	MO		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....	1,050.00	
01 22 23 00-0872	DAY		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....	184.80	
01 22 23 00-0873	WK		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....	462.00	
01 22 23 00-0874	MO		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....	1,386.00	
<b>01 22 23 00-0875</b>			<b>Hydraulic Submersible Pumps</b> (01 22 23 00-0817)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0876	DAY		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....	92.40	
01 22 23 00-0877	WK		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....	247.80	
01 22 23 00-0878	MO		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....	693.00	
01 22 23 00-0879	DAY		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....	117.60	
01 22 23 00-0880	WK		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....	302.40	
01 22 23 00-0881	MO		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....	924.00	
<b>01 22 23 00-0882</b>			<b>Suction Hose With Couplings</b> (01 22 23 00-0817)		
			Note: Includes delivery, set-up, and removal.		
01 22 23 00-0883	DAY		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	9.66	
01 22 23 00-0884	WK		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.15	
01 22 23 00-0885	MO		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	59.57	
01 22 23 00-0886	DAY		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	11.27	
01 22 23 00-0887	WK		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	25.76	
01 22 23 00-0888	MO		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	62.79	
01 22 23 00-0889	DAY		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.15	
01 22 23 00-0890	WK		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	53.13	
01 22 23 00-0891	MO		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	143.29	
01 22 23 00-0892	DAY		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	30.59	
01 22 23 00-0893	WK		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	69.23	
01 22 23 00-0894	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	185.15	
01 22 23 00-0895	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	40.25	
01 22 23 00-0896	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	93.38	
01 22 23 00-0897	MO		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	210.91	
<b>01 22 23 00-0898</b>			<b>Discharge Hose With Couplings</b> (01 22 23 00-0817)		
			Note: Includes delivery, set-up, and removal.		
01 22 23 00-0899	DAY		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	14.00	
01 22 23 00-0900	WK		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	29.40	
01 22 23 00-0901	MO		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	63.00	
01 22 23 00-0902	DAY		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	22.40	
01 22 23 00-0903	WK		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	32.20	
01 22 23 00-0904	MO		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	67.20	
01 22 23 00-0905	DAY		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	22.40	
01 22 23 00-0906	WK		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	44.80	





<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0907 MO 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	88.20	
01 22 23 00-0908 DAY 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	30.80	
01 22 23 00-0909 WK 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	81.20	
01 22 23 00-0910 MO 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	163.80	
01 22 23 00-0911 DAY 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	61.60	
01 22 23 00-0912 WK 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	126.00	
01 22 23 00-0913 MO 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....	266.00	
<b>01 22 23 00-0914 Temporary Building Services (01 22 23)</b>		
<b>01 22 23 00-0915 Boilers (01 22 23 00-0914)</b>		
Note: Excludes operator, delivery, set-up, and removal.		
<b>01 22 23 00-0916 Electric Boilers (01 22 23 00-0915)</b>		
01 22 23 00-0917 MO 40 MBH, 12 KW Electric Boiler Rental .....	1,381.82	
01 22 23 00-0918 MO 60 MBH, 20 KW Electric Boiler Rental .....	1,507.46	
01 22 23 00-0919 MO 95 MBH, 30 KW Electric Boiler Rental .....	1,570.28	
01 22 23 00-0920 MO 135 MBH, 40 KW Electric Boiler Rental .....	1,758.68	
01 22 23 00-0921 MO 165 MBH, 50 KW Electric Boiler Rental .....	2,449.59	
01 22 23 00-0922 MO 215 MBH, 60 KW Electric Boiler Rental .....	2,826.46	
01 22 23 00-0923 MO 365 MBH, 100 KW Electric Boiler Rental .....	3,705.83	
01 22 23 00-0924 MO 510 MBH, 150 KW Electric Boiler Rental .....	4,522.37	
<b>01 22 23 00-0925 Oil/Gas Fired Boilers (01 22 23 00-0915)</b>		
01 22 23 00-0926 MO Up To 100 HP Gas/Oil Dual Fuel Boiler Rental .....	5,000.00	
For >3 Months Rental, Deduct	-750.00	
01 22 23 00-0927 MO >100 HP To 250 HP Gas/Oil Dual Fuel Boiler Rental .....	6,500.00	
For >3 Months Rental, Deduct	-975.00	
01 22 23 00-0928 MO >250 HP To 500 HP Gas/Oil Dual Fuel Boiler Rental .....	10,500.00	
For >3 Months Rental, Deduct	-1,575.00	
01 22 23 00-0929 MO >500 HP To 800 HP Gas/Oil Dual Fuel Boiler Rental .....	14,500.00	
For >3 Months Rental, Deduct	-2,175.00	
<b>01 22 23 00-0930 Oil Fired Boilers (01 22 23 00-0915)</b>		
01 22 23 00-0931 MO 250 HP Oil Fired Boiler Rental .....	3,880.85	
01 22 23 00-0932 MO 350 HP Oil Fired Boiler Rental .....	5,174.47	
01 22 23 00-0933 MO 500 HP Oil Fired Boiler Rental .....	6,468.09	
01 22 23 00-0934 MO 600 HP Oil Fired Boiler Rental .....	7,114.89	
<b>01 22 23 00-0935 Boilers Setup (01 22 23 00-0915)</b>		
01 22 23 00-0936 EA Setup Rental Boiler .....	3,873.02	
Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
<b>01 22 23 00-0937 Chillers (01 22 23 00-0914)</b>		
Note: Excludes operator, delivery, set-up, and removal.		
<b>01 22 23 00-0938 Air Cooled Chillers (01 22 23 00-0937)</b>		
01 22 23 00-0939 MO 25 Ton Air Cooled Chiller Rental .....	2,357.06	
For >3 To 6 Month Rental, Deduct	-353.56	
For >6 Month Rental, Deduct	-589.27	
01 22 23 00-0940 MO 40 Ton Air Cooled Chiller Rental .....	3,771.31	
For >3 To 6 Month Rental, Deduct	-565.70	
For >6 Month Rental, Deduct	-942.83	
01 22 23 00-0941 MO 60 Ton Air Cooled Chiller Rental .....	4,612.73	
For >3 To 6 Month Rental, Deduct	-691.91	
For >6 Month Rental, Deduct	-1,153.18	
01 22 23 00-0942 MO 80 Ton Air Cooled Chiller Rental .....	5,454.16	
For >3 To 6 Month Rental, Deduct	-818.12	
For >6 Month Rental, Deduct	-1,363.54	
01 22 23 00-0943 MO 100 Ton Air Cooled Chiller Rental .....	6,295.59	
For >3 To 6 Month Rental, Deduct	-944.34	
For >6 Month Rental, Deduct	-1,573.90	
01 22 23 00-0944 MO 125 Ton Air Cooled Chiller Rental .....	7,293.56	
For >3 To 6 Month Rental, Deduct	-1,094.03	
For >6 Month Rental, Deduct	-1,823.39	
01 22 23 00-0945 MO 155 Ton Air Cooled Chiller Rental .....	8,823.42	
For >3 To 6 Month Rental, Deduct	-1,323.51	
For >6 Month Rental, Deduct	-2,205.86	
01 22 23 00-0946 MO 170 Ton Air Cooled Chiller Rental .....	9,435.37	
For >3 To 6 Month Rental, Deduct	-1,415.31	
For >6 Month Rental, Deduct	-2,358.84	
01 22 23 00-0947 MO 200 Ton Air Cooled Chiller Rental .....	10,838.94	
For >3 To 6 Month Rental, Deduct	-1,625.84	
For >6 Month Rental, Deduct	-2,709.74	
01 22 23 00-0948 MO 250 Ton Air Cooled Chiller Rental .....	12,897.15	
For >3 To 6 Month Rental, Deduct	-1,934.57	
For >6 Month Rental, Deduct	-3,224.29	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0949	MO		300 Ton Air Cooled Chiller Rental..... Note: Includes trailer. <i>For &gt;3 To 6 Month Rental, Deduct</i> <i>For &gt;6 Month Rental, Deduct</i>	15,049.64  -2,257.45 -3,762.41	
01 22 23 00-0950	MO		400 Ton Air Cooled Chiller Rental..... Note: Includes trailer, pump and 200' of 6" hose. <i>For &gt;3 To 6 Month Rental, Deduct</i> <i>For &gt;6 Month Rental, Deduct</i>	19,852.72  -2,977.91 -4,963.18	
01 22 23 00-0951	MO		500 Ton Air Cooled Chiller Rental..... Note: Includes trailer, pump and 200' of 6" hose. <i>For &gt;3 To 6 Month Rental, Deduct</i> <i>For &gt;6 Month Rental, Deduct</i>	24,573.96  -3,686.09 -6,143.49	
01 22 23 00-0952	EA		Setup Air Cooled Chiller Rental Unit..... Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	2,692.22	
<b>01 22 23 00-0953</b>			<b>Chiller Rental Accessories</b> (01 22 23 00-0937)		
01 22 23 00-0954	MO		4" x 25' Flexible Water Hose For Chiller Rental .....	42.00	
01 22 23 00-0955	MO		6" x 25' Flexible Water Hose For Chiller Rental .....	52.50	
<b>01 22 23 00-0956</b>			<b>Emergency Cooler/Freezer</b> (01 22 23 00-0914) Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115V or 230V, freezer 208/230V, combo 115V or 230V.		
01 22 23 00-0957	DAY		8 x 6 x 7 Emergency Cooler Rental .....	90.00	
01 22 23 00-0958	WK		8 x 6 x 7 Emergency Cooler Rental .....	480.00	
01 22 23 00-0959	DAY		10 x 7 x 7 Emergency Cooler Rental .....	180.00	
01 22 23 00-0960	WK		10 x 7 x 7 Emergency Cooler Rental .....	720.00	
01 22 23 00-0961	MO		10 x 7 x 7 Emergency Cooler Rental .....	1,800.00	
01 22 23 00-0962	DAY		10 x 7 x 7 Emergency Freezer Rental.....	210.00	
01 22 23 00-0963	WK		10 x 7 x 7 Emergency Freezer Rental.....	840.00	
01 22 23 00-0964	MO		10 x 7 x 7 Emergency Freezer Rental.....	2,160.00	
01 22 23 00-0965	DAY		6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....	240.00	
01 22 23 00-0966	WK		6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....	960.00	
01 22 23 00-0967	MO		6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....	2,400.00	
<b>01 22 23 00-0968</b>			<b>Fuel Oil Tank</b> (01 22 23 00-0914) Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0645 for reimbursable fuel fees.		
01 22 23 00-0969	MO		100 Gallon Portable Double Wall Fuel Oil Tank Rental .....	405.00	
01 22 23 00-0970	MO		275 Gallon Portable Double Wall Fuel Oil Tank Rental .....	630.00	
01 22 23 00-0971	MO		500 Gallon Portable Double Wall Fuel Oil Tank Rental .....	1,575.00	
01 22 23 00-0972	MO		1,000 Gallon Portable Double Wall Fuel Oil Tank Rental .....	2,625.00	
01 22 23 00-0973	MO		2,300 Gallon Portable Double Wall Fuel Oil Tank Rental .....	3,465.00	
01 22 23 00-0974	MO		5,000 Gallon Portable Double Wall Fuel Oil Tank Rental .....	6,190.00	
<b>01 22 23 00-0975</b>			<b>Portable Spot Cooling Units</b> (01 22 23 00-0914) Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes operator.		
01 22 23 00-0976	DAY		1 Ton Portable Spot Cooling Unit.....	125.00	
01 22 23 00-0977	WK		1 Ton Portable Spot Cooling Unit.....	275.00	
01 22 23 00-0978	MO		1 Ton Portable Spot Cooling Unit.....	550.00	
01 22 23 00-0979	DAY		2 Ton Portable Spot Cooling Unit.....	200.00	
01 22 23 00-0980	WK		2 Ton Portable Spot Cooling Unit.....	400.00	
01 22 23 00-0981	MO		2 Ton Portable Spot Cooling Unit.....	900.00	
01 22 23 00-0982	DAY		3 Ton Portable Spot Cooling Unit.....	300.00	
01 22 23 00-0983	WK		3 Ton Portable Spot Cooling Unit.....	600.00	
01 22 23 00-0984	MO		3 Ton Portable Spot Cooling Unit.....	1,200.00	
01 22 23 00-0985	DAY		5 Ton Portable Spot Cooling Unit.....	350.00	
01 22 23 00-0986	WK		5 Ton Portable Spot Cooling Unit.....	700.00	
01 22 23 00-0987	MO		5 Ton Portable Spot Cooling Unit.....	1,600.00	
01 22 23 00-0988	DAY		10 Ton Portable Spot Cooling Unit.....	750.00	
01 22 23 00-0989	WK		10 Ton Portable Spot Cooling Unit.....	1,200.00	
01 22 23 00-0990	MO		10 Ton Portable Spot Cooling Unit.....	2,400.00	
01 22 23 00-0991	DAY		20 Ton Portable Spot Cooling Unit.....	1,000.00	
01 22 23 00-0992	WK		20 Ton Portable Spot Cooling Unit.....	1,750.00	
01 22 23 00-0993	MO		20 Ton Portable Spot Cooling Unit.....	3,750.00	
01 22 23 00-0994	DAY		25 Ton Portable Spot Cooling Unit.....	800.00	
01 22 23 00-0995	WK		25 Ton Portable Spot Cooling Unit.....	1,700.00	
01 22 23 00-0996	MO		25 Ton Portable Spot Cooling Unit.....	4,000.00	
<b>01 22 23 00-0997</b>			<b>Truck And Trailer Equipment</b> (01 22 23)		
<b>01 22 23 00-0998</b>			<b>Trucks</b> (01 22 23 00-0997) Note: Includes full-time driver, delivery, and removal.		
<b>01 22 23 00-0999</b>			<b>Flat Bed Trucks</b> (01 22 23 00-0998) Note: Includes hydraulic tilt bed.		
01 22 23 00-1000	DAY		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....	489.39	
			<i>For Equipment Without Operator, Deduct</i>	-297.67	



<b>General Requirements</b>			<b>01</b>
Price And Payment Procedures			01 20
Unit Prices			01 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1001	WK		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	1,990.95 -1,488.34	
01 22 23 00-1002	MO		1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	7,684.75 -6,415.28	
01 22 23 00-1003	DAY		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	572.29 -297.67	
01 22 23 00-1004	WK		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,203.39 -1,488.34	
01 22 23 00-1005	MO		3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	8,228.80 -6,415.28	
01 22 23 00-1006	DAY		6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	631.77 -297.67	
01 22 23 00-1007	WK		6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,430.75 -1,488.34	
01 22 23 00-1008	MO		6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	9,094.13 -6,415.29	
<b>01 22 23 00-1009 Boom Trucks</b> <small>(01 22 23 00-0998)</small>					
01 22 23 00-1010	DAY		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	572.29 -297.67	
01 22 23 00-1011	WK		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,203.39 -1,488.34	
01 22 23 00-1012	MO		3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	8,772.86 -6,415.28	
<b>01 22 23 00-1013 Light Duty Trucks</b> <small>(01 22 23 00-0998)</small>					
01 22 23 00-1014	DAY		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	518.58 -297.67	
01 22 23 00-1015	WK		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,213.21 -1,488.34	
01 22 23 00-1016	MO		1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	7,934.05 -6,415.28	
01 22 23 00-1017	DAY		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	560.00 -297.67	
01 22 23 00-1018	WK		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,337.47 -1,488.34	
01 22 23 00-1019	MO		3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	8,210.19 -6,415.28	
<b>01 22 23 00-1020 Rear Dump Trucks</b> <small>(01 22 23 00-0998)</small>					
01 22 23 00-1021	DAY		4 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	688.98 -297.67	
01 22 23 00-1022	WK		4 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,566.45 -1,488.34	
01 22 23 00-1023	MO		4 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	9,210.38 -6,415.28	
01 22 23 00-1024	DAY		6 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	744.89 -297.67	
01 22 23 00-1025	WK		6 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,686.24 -1,488.34	
01 22 23 00-1026	MO		6 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	9,290.24 -6,415.28	
01 22 23 00-1027	DAY		13 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	1,407.72 -297.67	
01 22 23 00-1028	WK		13 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	4,051.85 -1,488.34	
01 22 23 00-1029	MO		13 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	13,123.52 -6,415.28	
01 22 23 00-1030	DAY		18 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	1,518.73 -297.67	
01 22 23 00-1031	WK		18 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	4,308.20 -1,488.34	
01 22 23 00-1032	MO		18 CY Rear Dump Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	13,794.34 -6,415.28	
<b>01 22 23 00-1033 Tractor-Trailer Trucks</b> <small>(01 22 23 00-0998)</small>					
01 22 23 00-1034	DAY		30 Ton GVW, 6 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	716.51 -297.67	
01 22 23 00-1035	WK		30 Ton GVW, 6 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	2,744.86 -1,488.34	
01 22 23 00-1036	MO		30 Ton GVW, 6 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	10,121.82 -6,415.28	
01 22 23 00-1037	DAY		45 Ton GVW, 10 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	1,012.63 -297.67	
01 22 23 00-1038	WK		45 Ton GVW, 10 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	3,633.19 -1,488.34	
01 22 23 00-1039	MO		45 Ton GVW, 10 Wheel Tractor-Trailer Truck With Full-Time Truck Driver ..... <i>For Equipment Without Operator, Deduct</i>	12,742.28 -6,415.28	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price And Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>01 22 23 00-1040 Under-Bridge Inspection Trucks</b> <small>(01 22 23 00-0998)</small>		
01 22 23 00-1041	DAY 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	1,910.68
01 22 23 00-1042	WK 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	8,520.60
01 22 23 00-1043	MO 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	34,684.86
01 22 23 00-1044	DAY 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	2,168.88
01 22 23 00-1045	WK 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	9,037.00
01 22 23 00-1046	MO 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	36,922.60
01 22 23 00-1047	DAY 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	2,323.80
01 22 23 00-1048	WK 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	9,811.60
01 22 23 00-1049	MO 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	39,160.34
01 22 23 00-1050	DAY 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	2,995.12
01 22 23 00-1051	WK 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	12,910.00
01 22 23 00-1052	MO 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	50,349.00

<b>01 22 23 00-1053 Vacuum Trucks</b> <small>(01 22 23 00-0998)</small>		
01 22 23 00-1054	DAY 5,000 Gallon Vacuum Truck With Full-Time Truck Driver.....	1,399.74
	<i>For Equipment Without Operator, Deduct</i>	-297.67
01 22 23 00-1055	WK 5,000 Gallon Vacuum Truck With Full-Time Truck Driver.....	4,807.32
	<i>For Equipment Without Operator, Deduct</i>	-1,488.34
01 22 23 00-1056	MO 5,000 Gallon Vacuum Truck With Full-Time Truck Driver.....	16,209.31
	<i>For Equipment Without Operator, Deduct</i>	-6,415.28

<b>01 22 23 00-1057 Water Trucks</b> <small>(01 22 23 00-0998)</small>		
See CSI section 01 22 23 00-1102 for water trailer.		
01 22 23 00-1058	DAY 2,000 Gallon Water Truck With Full-Time Operator.....	969.29
	<i>For Equipment Without Operator, Deduct</i>	-297.67
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55
01 22 23 00-1059	WK 2,000 Gallon Water Truck With Full-Time Operator.....	3,256.95
	<i>For Equipment Without Operator, Deduct</i>	-1,488.34
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55
01 22 23 00-1060	MO 2,000 Gallon Water Truck With Full-Time Operator.....	10,594.28
	<i>For Equipment Without Operator, Deduct</i>	-6,415.28
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55
01 22 23 00-1061	DAY 3,700 To 4,000 Gallon Water Truck With Full-Time Operator.....	1,297.65
	<i>For Equipment Without Operator, Deduct</i>	-297.67
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55
01 22 23 00-1062	WK 3,700 To 4,000 Gallon Water Truck With Full-Time Operator.....	4,242.00
	<i>For Equipment Without Operator, Deduct</i>	-1,488.34
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55
01 22 23 00-1063	MO 3,700 To 4,000 Gallon Water Truck With Full-Time Operator.....	13,131.53
	<i>For Equipment Without Operator, Deduct</i>	-6,415.28
	<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55

<b>01 22 23 00-1064 Straight Trucks</b> <small>(01 22 23 00-0998)</small>		
01 22 23 00-1065	DAY 18,000 LB Capacity, 24' Straight Truck With Full-Time Truck Driver.....	379.54
	Note: Includes 2,500 LB lift gate.	
01 22 23 00-1066	WK 18,000 LB Capacity, 24' Straight Truck With Full-Time Truck Driver.....	1,897.68
	Note: Includes 2,500 LB lift gate.	
01 22 23 00-1067	MO 18,000 LB Capacity, 24' Straight Truck With Full-Time Truck Driver.....	7,623.61
	Note: Includes 2,500 LB lift gate.	

<b>01 22 23 00-1068 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board</b> <small>(01 22 23 00-0998)</small>		
01 22 23 00-1069	DAY Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion, Arrow Board With Full-Time Truck Driver.....	683.26
	<i>For Equipment Without Operator, Deduct</i>	-283.96
01 22 23 00-1070	WK Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver.....	3,017.00
	<i>For Equipment Without Operator, Deduct</i>	-1,419.80
01 22 23 00-1071	MO Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver.....	10,911.42
	<i>For Equipment Without Operator, Deduct</i>	-6,119.82

**01 22 23 00-1072 Truck Mounted Accessories** (01 22 23 00-0997)  
Note: Includes delivery to job site and pick-up when complete.

<b>01 22 23 00-1073 Truck Mounted Arrow Boards</b> <small>(01 22 23 00-1072)</small>		
01 22 23 00-1074	DAY Truck Mounted Arrow Board.....	14.57
01 22 23 00-1075	WK Truck Mounted Arrow Board.....	102.02
01 22 23 00-1076	MO Truck Mounted Arrow Board.....	437.23

<b>01 22 23 00-1077 Snow Removal Equipment</b> <small>(01 22 23 00-1072)</small>		
See CSI section 01 22 23 00-0998 for truck information.		
01 22 23 00-1078	DAY One Way Type Snow Plow Attachment For Trucks.....	33.34
01 22 23 00-1079	DAY Reversible Type Snow Plow Attachment For Trucks.....	37.55



<b>General Requirements</b>			<b>01</b>
<b>Price And Payment Procedures</b>			<b>01 20</b>
<b>Unit Prices</b>			<b>01 22</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1080 DAY V Type Snow Plow Attachment For Trucks.....	40.27	
01 22 23 00-1081 DAY Slide-In, V-Box Hopper, 10 CY Salt/Sand Spreader Attachment For Dump Body Trucks ..... <i>For &gt;10 CY Spreader, Add</i>	24.81 13.04	
01 22 23 00-1082 DAY Tailgate Mounted, Salt/Sand Spreader Attachment For Pickup Trucks .....	13.86	
01 22 23 00-1083 DAY Salt/Sand Spreader Attachment For Pickup Trucks.....	14.23	
<b>01 22 23 00-1084 Trailers</b> (01 22 23 00-0997) Note: Includes delivery to job site and pick-up when complete.		
<b>01 22 23 00-1085 Platform Trailers</b> (01 22 23 00-1084)		
01 22 23 00-1086 DAY 25 Ton Capacity Platform Trailer .....	151.31	
01 22 23 00-1087 WK 25 Ton Capacity Platform Trailer .....	453.90	
01 22 23 00-1088 MO 25 Ton Capacity Platform Trailer .....	1,338.93	
01 22 23 00-1089 DAY 40 Ton Capacity Platform Trailer .....	221.14	
01 22 23 00-1090 WK 40 Ton Capacity Platform Trailer .....	663.39	
01 22 23 00-1091 MO 40 Ton Capacity Platform Trailer .....	1,956.90	
01 22 23 00-1092 DAY 50 Ton Capacity Platform Trailer .....	267.68	
01 22 23 00-1093 WK 50 Ton Capacity Platform Trailer .....	803.05	
01 22 23 00-1094 MO 50 Ton Capacity Platform Trailer .....	2,368.87	
01 22 23 00-1095 DAY 75 Ton Capacity Platform Trailer .....	384.07	
01 22 23 00-1096 WK 75 Ton Capacity Platform Trailer .....	1,152.21	
01 22 23 00-1097 MO 75 Ton Capacity Platform Trailer .....	3,398.82	
<b>01 22 23 00-1098 Dry Freight Van Trailers</b> (01 22 23 00-1084)		
01 22 23 00-1099 DAY 48' Dry Freight Van Trailers .....	154.47	
01 22 23 00-1100 WK 48' Dry Freight Van Trailers .....	396.26	
01 22 23 00-1101 MO 48' Dry Freight Van Trailers .....	1,061.17	
<b>01 22 23 00-1102 Water Trailers With Pump</b> (01 22 23 00-1084)		
01 22 23 00-1103 DAY 500 To 600 Gallon Water Trailer With Pump .....	171.64	
01 22 23 00-1104 WK 500 To 600 Gallon Water Trailer With Pump .....	440.29	
01 22 23 00-1105 MO 500 To 600 Gallon Water Trailer With Pump .....	1,179.08	

**01 30 Administrative Requirements** (01)

**01 35 Special Procedures** (01 30)

**01 35 23 Owner Safety Requirements** (01 35)

**01 35 23 00-001 Site Specific Plans** (01 35 23)

01 35 23 00-002 EA Safety - Site Specific Plan.....	75.00
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**01 40 Quality Requirements** (01)

**01 45 Quality Control** (01 40)

**01 45 23 Testing And Inspecting Services** (01 45)

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

**01 45 23 00-001 Soils/Aggregate Testing** (01 45 23)

**01 45 23 00-002 Field Soils Tests** (01 45 23 00-001)

01 45 23 00-0003 EA Plasticity Index Soils Test, ASTM D-4318, Field Soils Test .....	171.15
01 45 23 00-0004 EA 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....	242.92
01 45 23 00-0005 EA 6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....	276.05
01 45 23 00-0006 EA Resistance (R) Value Soils Test, CA 301, Field Soils Test.....	220.84
01 45 23 00-0007 EA Soils Classification Test, ASTM D-2487, Field Soils Test.....	331.26
01 45 23 00-0008 SET Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	662.29
01 45 23 00-0009 EA Moisture Content, Field Soils Test.....	24.84
01 45 23 00-0010 EA UBC Or Swell Test, Field Soils Test.....	87.01
01 45 23 00-0011 EA Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	165.57
01 45 23 00-0012 EA Proctor Compaction 6" Standard Mold, Field Soils Test.....	206.97
01 45 23 00-0013 EA Density And Classification Test, Field Soils Test.....	66.23
01 45 23 00-0014 EA Percolation Test, Field Soils Test .....	165.57
01 45 23 00-0015 EA Infiltration Test, Field Soils Test.....	331.14

**01 45 23 00-0016 Soil Borings Laboratory Tests** (01 45 23 00-001)

01 45 23 00-0017 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test.....	76.00
01 45 23 00-0018 EA Shrinkage Limit, Soil Borings Laboratory Test.....	24.25
01 45 23 00-0019 EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test.....	58.46
01 45 23 00-0020 EA Consolidation, Soil Borings Laboratory Test.....	409.26
01 45 23 00-0021 EA Swell Test, Soil Borings Laboratory Test .....	80.84
01 45 23 00-0022 EA In Place Density, Soil Borings Laboratory Test.....	17.54
01 45 23 00-0023 EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test.....	10.90

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 40</b>	<b>Quality Requirements</b>
	<b>01 45</b>	<b>Quality Control</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0024 EA Hydrometer Analysis, Soil Borings Laboratory Test.....	140.68	
01 45 23 00-0025 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test .....	49.06	
01 45 23 00-0026 EA Partial Sieve Analysis, Soil Borings Laboratory Test .....	9.70	
01 45 23 00-0027 EA Laboratory Permeability, Soil Borings Laboratory Test.....	485.09	
01 45 23 00-0028 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test.....	98.12	
01 45 23 00-0029 EA Sulfate Soundness, Soil Borings Laboratory Test.....	121.27	
01 45 23 00-0030 EA CBR, ASTM D1883.....	248.44	
01 45 23 00-0031 EA Compaction Test Subgrade, Soil Borings Laboratory Test .....	72.76	
01 45 23 00-0032 EA Compaction Test Base Course, Soil Borings Laboratory Test.....	61.56	
01 45 23 00-0033 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test .....	239.27	
01 45 23 00-0034 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test.....	37.19	
<b>01 45 23 00-0035 Aggregate Testing (01 45 23 00-0001)</b>		
01 45 23 00-0036 EA Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202 .....	55.21	
01 45 23 00-0037 EA Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	99.38	
01 45 23 00-0038 EA Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202 .....	138.02	
01 45 23 00-0039 EA Sieve Analysis, Pit Run, ASTM C136 .....	107.62	
Note: Includes wash.		
01 45 23 00-0040 EA Specific Special Gravity, Course, ASTM C127 .....	87.70	
Note: Includes absorption test.		
01 45 23 00-0041 EA Special Gravity, Fine, ASTM C127 .....	78.65	
Note: Includes absorption test.		
01 45 23 00-0042 EA Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128 .....	116.93	
01 45 23 00-0043 EA Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	110.42	
01 45 23 00-0044 EA Aggregate Cleanness Value, ASTM C-128, CA 227 .....	110.42	
01 45 23 00-0045 EA Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217 .....	82.82	
01 45 23 00-0046 EA Fine Aggregate Durability Index, CA 229.....	88.34	
01 45 23 00-0047 EA Sodium And Magnesium Soundness, ASTM C88.....	231.80	
01 45 23 00-0048 EA Unit Weight Of Aggregates, ASTM C29 .....	49.69	
01 45 23 00-0049 EA Organic Impurities In Sand, ASTM C40 .....	49.67	
01 45 23 00-0050 EA Crushed Particle, ASTM California Test Method .....	49.67	
01 45 23 00-0051 EA Clay Lump And Friable Particles, ASTM C142 .....	99.34	
<b>01 45 23 00-0052 Permeability Tests (01 45 23 00-0001)</b>		
<b>01 45 23 00-0053 In-Place Tests (01 45 23 00-0052)</b>		
01 45 23 00-0054 EA Double Ring Infiltrometer Test, ASTM D3385.....	876.98	
01 45 23 00-0055 EA Unconfined Compressive Strength (Pocket Penetrometer) Test .....	41.39	
<b>01 45 23 00-0056 Lab Tests (01 45 23 00-0052)</b>		
01 45 23 00-0057 EA Falling Head Rigid Wall Consolidometer Technique CAE.....	409.26	
01 45 23 00-0058 EA Falling Head Permeability Test EPA-9100.....	409.26	
01 45 23 00-0059 EA Constant Head Permeability Test For Granular Soils, ASTM D2432 .....	233.86	
<b>01 45 23 00-0060 Concrete/Cement/Asphalt Testing (01 45 23)</b>		
<b>01 45 23 00-0061 Concrete Testing (01 45 23 00-0060)</b>		
01 45 23 00-0062 EA Prepare 6 x 12 Concrete Cylinder And Deliver To Lab .....	10.81	
01 45 23 00-0063 EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633 .....	35.08	
01 45 23 00-0064 EA Concrete Cores Compression Test, ASTM C-42 .....	71.77	
01 45 23 00-0065 EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78 .....	104.90	
01 45 23 00-0066 EA Unit Weight Of Concrete Cylinder, ASTM C-567 .....	38.65	
01 45 23 00-0067 EA Concrete Mix Design Review.....	209.80	
01 45 23 00-0068 EA Trial Concrete Batch Prepared In Laboratory .....	496.89	
01 45 23 00-0069 EA Concrete Shrinkage, ASTM C-157 Modified .....	386.47	
01 45 23 00-0070 EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	59.63	
01 45 23 00-0071 EA Concrete Slump Test, ASTM C143.....	27.60	
01 45 23 00-0072 EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231 .....	27.60	
<b>01 45 23 00-0073 Cement Testing (01 45 23 00-0060)</b>		
01 45 23 00-0074 EA Cement Grab Sample (CCR Title 24) .....	27.60	
Note: Includes sealing and storing 1 year.		
01 45 23 00-0075 EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....	44.17	
<b>01 45 23 00-0076 Asphaltic Concrete Testing (01 45 23 00-0060)</b>		
01 45 23 00-0077 EA Hveem Asphaltic Concrete Stability Test, CA 366 .....	55.21	
01 45 23 00-0078 EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927 .....	143.55	
01 45 23 00-0079 EA Stability Tests, Premixed, ASTM D1559 .....	55.21	
01 45 23 00-0080 EA Stability Tests, Lab. Mixed, ASTM D1559.....	143.55	
01 45 23 00-0081 EA Swell Test, CA 305 .....	66.25	
Note: Includes compaction.		
01 45 23 00-0082 EA % Asphalt Extraction Test, ASTM D-2172 B .....	165.63	
01 45 23 00-0083 EA Gradation On Extracted Sample, ASTM D-5444 .....	110.42	
01 45 23 00-0084 EA Maximum Theoretical Unit Weight, ASTM C2041.....	105.24	
01 45 23 00-0085 EA Unit Weight Sample Requiring Compaction, California Test Method 308 .....	22.08	



<b>General Requirements</b>	<b>01</b>	<b>10</b>
Quality Requirements	01 40	
Quality Control	01 45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0086 EA Asphalt Unit Weight On Core Test, CA 308C .....	22.08	
01 45 23 00-0087 HR Nuclear Field Density Testing, 4 Hour Minimum.....	113.73	
01 45 23 00-0088 EA Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664 .....	74.51	
01 45 23 00-0089 EA Penetration, ASTM D5.....	79.76	
<b>01 45 23 00-0090 Masonry/Concrete Block/Tile Testing (01 45 23)</b>		
<b>01 45 23 00-0091 Masonry Testing (01 45 23 00-0090)</b>		
01 45 23 00-0092 EA 2" x 4" Cylinder Mortar Compression Test.....	36.44	
01 45 23 00-0093 EA 4" x 4" x 8" Grout Prisms Compression Test.....	36.44	
01 45 23 00-0094 EA Masonry Cores Compression Test .....	71.77	
01 45 23 00-0095 EA Composite Grouted Prism Compression Test.....	138.02	
<b>01 45 23 00-0096 Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0090)</b>		
01 45 23 00-0097 EA Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	88.34	
01 45 23 00-0098 EA Absorption Test, Moisture Content And Unit Weight.....	60.73	
01 45 23 00-0099 EA Moisture Condition By Relative Humidity, ASTM C427, First Unit .....	231.80	
01 45 23 00-0100 EA Moisture Condition By Relative Humidity, ASTM C427, Additional Unit .....	115.90	
<b>01 45 23 00-0101 Metals Testing (01 45 23)</b>		
<b>01 45 23 00-0102 Tank Tightness Testing (01 45 23 00-0101)</b>		
01 45 23 00-0103 GAL Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks .....	4.71	
01 45 23 00-0104 GAL >20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks.....	4.04	
01 45 23 00-0105 EA Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....	1,212.18	
01 45 23 00-0106 EA >12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing .....	1,481.08	
01 45 23 00-0107 EA >29,999 Gallons, Tank Volumetric Tightness Testing.....	1,886.21	
<b>01 45 23 00-0108 Tank Line Tightness Testing (01 45 23 00-0101)</b>		
01 45 23 00-0109 EA Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing .....	255.77	
01 45 23 00-0110 EA >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....	284.01	
01 45 23 00-0111 EA >29,999 Gallons, Tank Line Volumetric Tightness Testing.....	312.15	
<b>01 45 23 00-0112 Other Testing (01 45 23)</b>		
<b>01 45 23 00-0113 Special Testing (01 45 23 00-0112)</b>		
01 45 23 00-0114 EA Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....	85.59	
01 45 23 00-0115 EA Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617 .....	513.54	
01 45 23 00-0116 EA Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria) .....	25.82	
01 45 23 00-0117 EA Testing For The Presence Of PCBs In Caulk, Analysis Per Sample .....	107.03	
01 45 23 00-0118 EA Testing For The Presence Of PCBs In Soil, Analysis Per Sample.....	107.03	
01 45 23 00-0119 EA Testing For The Presence Of PCBs Using Wipe Sampling, Analysis Per Sample .....	107.03	
01 45 23 00-0120 EA Testing For The Presence Of PCBs In Air, Analysis Per Sample .....	588.66	
<b>01 45 23 00-0121 Nondestructive Field Testing Services (01 45 23 00-0112)</b>		
<b>01 45 23 00-0122 Infrared Thermography (01 45 23 00-0121)</b>		
Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
<b>01 45 23 00-0123 Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0122)</b>		
Note: For on the roof surveys.		
01 45 23 00-0124 EA Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....	1,800.00	
01 45 23 00-0125 CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography .....	3.00	
<i>For CADD Drawings, Add</i>		
	0.60	
01 45 23 00-0126 CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	2.00	
<i>For CADD Drawings, Add</i>		
	0.40	
01 45 23 00-0127 CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	1.50	
<i>For CADD Drawings, Add</i>		
	0.30	
<i>For Elevated Infrared Thermography Roof Investigation, Add</i>		
	0.38	
<i>For Aerial Infrared Thermography Roof Investigation, Add</i>		
	0.38	
01 45 23 00-0128 CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	1.00	
<i>For CADD Drawings, Add</i>		
	0.20	
<i>For Elevated Infrared Thermography Roof Investigation, Add</i>		
	0.25	
<i>For Aerial Infrared Thermography Roof Investigation, Add</i>		
	0.25	
<b>01 45 23 00-0129 Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0122)</b>		
Note: For finding moisture in walls and windows.		
01 45 23 00-0130 EA Building Moisture Investigation Using Infrared Thermography, Mobilization Charge .....	950.00	
01 45 23 00-0131 CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography .....	3.00	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.50	
01 45 23 00-0132 CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography .....	2.00	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.00	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 40</b>	<b>Quality Requirements</b>
	<b>01 45</b>	<b>Quality Control</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0133 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	1.00 0.50	
<b>01 45 23 00-0134 General Building Investigation Using Infrared Thermography</b> <small>(01 45 23 00-0122)</small> Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0135 EA General Building Investigation Using Infrared Thermography, Mobilization Charge .....	1,950.00	
01 45 23 00-0136 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	3.00 1.50	
01 45 23 00-0137 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	2.00 1.00	
01 45 23 00-0138 CSF >5,000 SF, General Building Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	1.00 0.50	
<b>01 45 23 00-0139 Electrical /Mechanical Equipment Scanning Using Infrared Thermography</b> <small>(01 45 23 00-0122)</small> Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0140 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge .....	.950.00	
01 45 23 00-0141 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	86.22 12.62	
<b>01 45 23 00-0142 Concrete Block Wall Investigation Using Infrared Thermography</b> <small>(01 45 23 00-0122)</small> Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0143 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge .....	.950.00	
01 45 23 00-0144 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	3.00 0.45	
01 45 23 00-0145 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography ..... <i>For Digital Or Analog Recording Of All Items, Add</i>	2.00 0.30	
<b>01 45 23 00-0146 Other Nondestructive Field Testing Services</b> <small>(01 45 23 00-0121)</small>		
01 45 23 00-0147 HR ASNT Certified Level I NDT Consultant .....	82.93	
01 45 23 00-0148 HR ASNT Certified Level II NDT Consultant .....	92.55	
01 45 23 00-0149 HR ASNT Certified Level III NDT Consultant .....	131.01	
01 45 23 00-0150 HR Certified Industrial Radiography Radiation Safety Personnel .....	74.52	

**01 50 Temporary Facilities And Controls** (01)

Note: Tasks in this section shall be used as directed by owner.

**01 51 Temporary Utilities** (01 50)

**01 51 13 Temporary Electricity** (01 51)

**01 51 13 00-0001 Service Switch And/Or Building Feeder Switch** (01 51 13)

Note: Includes fuses.

01 51 13 00-0002 EA Temporary 30 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	471.91	156.17
01 51 13 00-0003 EA Temporary 60 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	573.16	207.13
01 51 13 00-0004 EA Temporary 100 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	926.99	226.68
01 51 13 00-0005 EA Temporary 200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	1,371.56	352.76
01 51 13 00-0006 EA Temporary 400 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	2,657.27	585.51
01 51 13 00-0007 EA Temporary 600 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	4,789.58	780.72
01 51 13 00-0008 EA Temporary 800 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses .....	7,010.55	885.24
01 51 13 00-0009 EA Temporary 1,200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	11,465.13	1,348.94
01 51 13 00-0010 EA Temporary 2,000 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	16,144.57	2,023.48

**01 51 13 00-0011 Panelboard Complete With Branch Fuses 120/208V** (01 51 13)

Note: Main lug.

01 51 13 00-0012 EA Temporary 100 Amp Panelboard Complete With Up To 24 Branch Circuits, 120/208 Volt.....	1,108.31	153.28
01 51 13 00-0013 EA Temporary 200 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	1,391.98	281.08
01 51 13 00-0014 EA Temporary 400 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	2,219.96	421.56
01 51 13 00-0015 EA Temporary 600 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	2,916.60	702.63

**01 51 13 00-0016 Cord Grip Plug** (01 51 13)

Note: Includes installation, a maximum of 50' of cord and connection to source.

01 51 13 00-0017 EA Temporary 2 - Pole Cord Grip Plug With Installation .....	100.79	42.21
01 51 13 00-0018 EA Temporary 3 - Pole Cord Grip Plug With Installation .....	148.55	64.93
01 51 13 00-0019 EA Temporary 4 - Pole Cord Grip Plug With Installation .....	190.86	84.29
01 51 13 00-0020 EA Temporary 3 - Pole (30 A) Cord Grip Plug With Installation.....	145.23	64.93
01 51 13 00-0021 EA Temporary 4 - Pole (30 A) Cord Grip Plug With Installation.....	185.56	84.29
01 51 13 00-0022 EA Temporary 3 - Pole (50 A) Cord Grip Plug With Installation.....	161.12	64.93

**01 51 26 Temporary Lighting** (01 51)





<b>General Requirements</b>			<b>01</b>
Temporary Facilities And Controls			01 50
Temporary Utilities			01 51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>01 51 26 00-0001 Temporary Devices</b> <small>(01 51 26)</small>		
Note: Includes removal after use.		
01 51 26 00-0002 EA Temporary Exit Light.....	113.93	31.48
01 51 26 00-0003 EA Temporary Light Socket With Branch Wiring Connection And Lamp .....	14.76	6.55
01 51 26 00-0004 EA Temporary 10 Light String With Cages.....	40.95	14.80
01 51 26 00-0005 EA Temporary GFI Device With Enclosure And Branch Wiring.....	122.03	42.21
01 51 26 00-0006 EA Temporary Trailer Socket With Branch Wiring.....	46.56	15.29
01 51 26 00-0007 EA Temporary High Bay Light .....	152.39	61.98

**01 52 Construction Facilities** (01 50)  
 Note: Tasks in this section shall be used as directed by owner for owner's use.

**01 52 13 Field Offices And Sheds** (01 52)

**01 52 13 00-0001 Field Offices** (01 52 13)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

01 52 13 00-0002 MO 8' x 24' Office, With Toilet .....	123.12
For Each Delivery And Removal, Round Trip, Add	670.51
For Each Set-Up (Block And Level), Add	287.45
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
For Office Trailer Without Toilet, Deduct	-24.62
01 52 13 00-0003 MO 8' x 32' Office, With Toilet .....	139.54
For Each Delivery And Removal, Round Trip, Add	670.51
For Each Set-Up (Block And Level), Add	287.45
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
For Office Trailer Without Toilet, Deduct	-27.91
01 52 13 00-0004 MO 10' x 36' Office, With Toilet .....	188.79
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
For Office Trailer Without Toilet, Deduct	-37.76
01 52 13 00-0005 MO 10' x 40' Office, With Toilet .....	201.10
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
For Office Trailer Without Toilet, Deduct	-40.22
01 52 13 00-0006 MO 10' x 44' Office, With Toilet .....	221.62
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0007 MO 10' x 50' Office, With Toilet .....	233.93
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0008 MO 12' x 44' Office, With Toilet .....	250.07
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0009 MO 12' x 50' Office, With Toilet .....	274.97
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0010 MO 12' x 60' Office, With Toilet .....	299.60
For Each Delivery And Removal, Round Trip, Add	1,111.64
For Each Set-Up (Block And Level), Add	469.00
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0011 MO 24' x 60' Office, With Toilet .....	656.65
For Each Delivery And Removal, Round Trip, Add	2,117.40
For Each Set-Up (Block And Level), Add	756.45
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0012 MO 24' x 72' Office, With Toilet .....	787.98
For Each Delivery And Removal, Round Trip, Add	2,117.40
For Each Set-Up (Block And Level), Add	756.45
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49
01 52 13 00-0013 MO 30' x 30' Office, With Toilet .....	374.50
For Each Delivery And Removal, Round Trip, Add	2,117.40
For Each Set-Up (Block And Level), Add	756.45
For Each Anchoring Into Dirt, Add	35.00
For Each Anchoring Into Asphalt Or Concrete, Add	52.49

**01 52 13 00-0014 Accessories For Field Office Trailers** (01 52 13)  
 Note: Costs includes installation or placement in trailer.

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 52</b>	<b>Construction Facilities</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0015 MO Desk For Field Office Trailer .....	28.48	
01 52 13 00-0016 MO Rolling Desk Chair For Field Office Trailer .....	17.80	
01 52 13 00-0017 MO File Cabinet For Field Office Trailer .....	21.36	
01 52 13 00-0018 MO Table For Field Office Trailer .....	14.24	
01 52 13 00-0019 MO Folding Chair For Field Office Trailer .....	6.75	
01 52 13 00-0020 EA Phone Hook-Up For Field Office Trailer .....	78.33	
01 52 13 00-0021 MO Local Phone Service Per Phone Line For Field Office Trailer .....	49.85	
01 52 13 00-0022 MO Security System With Monitoring For Field Office Trailer .....	80.00	
01 52 13 00-0023 LF Perimeter Trailer Skirting For Field Office Trailer .....	25.72	
01 52 13 00-0024 LF Insulated Perimeter Trailer Skirting For Field Office Trailer .....	46.77	
01 52 13 00-0025 MO Steps For Field Office Trailer .....	25.00	
01 52 13 00-0026 MO Fax Machine For Field Office Trailer .....	35.61	
01 52 13 00-0027 MO Copier For Field Office Trailer .....	56.97	
<b>01 52 13 00-0028 Storage Containers (01 52 13)</b>		
01 52 13 00-0029 MO 8' x 8' x 10' Storage Container .....	68.75	
For Delivery And Pick-up Of Container, Add	846.63	
For >12 Months, Deduct	-20.63	
01 52 13 00-0030 MO 8' x 8' x 20' Storage Container .....	71.88	
For Delivery And Pick-up Of Container, Add	846.63	
For >12 Months, Deduct	-21.56	
01 52 13 00-0031 MO 8' x 8' x 40' Storage Container .....	85.00	
For Delivery And Pick-up Of Container, Add	846.63	
For >12 Months, Deduct	-25.50	
<b>01 52 19 Sanitary Facilities (01 52)</b>		
<b>01 52 19 00-0001 Portable Toilets (01 52 19)</b>		
Note: Includes delivery, set-up, servicing once per week and removal.		
01 52 19 00-0002 WK Portable Toilets, Chemical .....	41.77	
For Each Additional Servicing Per Unit Per Week, Add	25.00	
01 52 19 00-0003 MO Portable Toilets, Chemical .....	133.65	
For Each Additional Servicing Per Unit Per Week, Add	25.00	
01 52 19 00-0004 WK ADA Portable Toilets, Chemical .....	54.05	
For Each Additional Servicing Per Unit Per Week, Add	25.00	
01 52 19 00-0005 MO ADA Portable Toilets, Chemical .....	172.96	
For Each Additional Servicing Per Unit Per Week, Add	25.00	
01 52 19 00-0006 WK Two Station Portable Handwash .....	27.29	
01 52 19 00-0007 MO Two Station Portable Handwash .....	82.79	
<b>01 54 Construction Aids (01 50)</b>		
<b>01 54 23 Temporary Scaffolding And Platforms (01 54)</b>		
<b>01 54 23 00-0001 Scaffolding (01 54 23)</b>		
Note: Additional scaffolding rental for work above the normal working height of 14'.		
<b>01 54 23 00-0002 Scaffolding Rental - Rental Only (01 54 23 00-0001)</b>		
Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month) .....	20.84	
For Up To 25, Add	8.34	
For >25 To 50, Add	5.21	
For >50 To 150, Add	2.08	
01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide x 7' Long Sections (CCF / Month) .....	23.44	
For Up To 25, Add	9.38	
For >25 To 50, Add	5.86	
For >50 To 150, Add	2.34	
01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide x 7' Long Sections (CCF / Month) .....	31.26	
For Up To 25, Add	12.50	
For >25 To 50, Add	7.82	
For >50 To 150, Add	3.13	
<b>01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001)</b>		
Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	22.45	
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	28.07	
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	33.68	
01 54 23 00-0010 CCF >60' To 80' Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	37.05	
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	42.66	
<b>01 54 23 00-0012 Rolling Scaffolding (01 54 23)</b>		
Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0013 DAY Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	10.15	
01 54 23 00-0014 WK Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	40.69	



		<b>General Requirements</b>	<b>01</b>
		<b>Temporary Facilities And Controls</b>	<b>01 50</b>
		<b>Construction Aids</b>	<b>01 54</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0015 MO Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	162.74	
01 54 23 00-0016 DAY Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	17.00	
01 54 23 00-0017 WK Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	68.08	
01 54 23 00-0018 MO Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	272.36	
01 54 23 00-0019 EA Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >14' To 20' .....	48.64	
01 54 23 00-0020 EA Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >20' To 40' .....	60.80	
<b>01 54 26 Temporary Swing Staging (01 54)</b>		
Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.		
<b>01 54 26 00-0001 Swing Stage (01 54 26)</b>		
Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002 MO 7' Swing Stage, Electric Operated .....	1,497.38	
01 54 26 00-0003 MO 24' Swing Stage, Manually Operated .....	539.71	
01 54 26 00-0004 EA Swing Stage Erection And Dismantling .....	242.22	
Note: Includes both erection and dismantling of swing stage.		
01 54 26 00-0005 EA Move Swing Stage To Different Roof At Same Site .....	106.26	
01 54 26 00-0006 EA Move Swing Stage To Different Location At Same Roof .....	49.04	
<b>01 54 29 Temporary Sidewalk Protection (01 54)</b>		
<b>01 54 29 00-0001 Sidewalk Bridge (01 54 29)</b>		
<b>01 54 29 00-0002 Installation of Sidewalk Bridge (01 54 29 00-0001)</b>		
01 54 29 00-0003 LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	38.17	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
<i>For 3 Post System, Add</i>		
<i>For Each Additional Foot Over 8' Wide, Add</i>		
<i>For Each Additional Foot Over 8' High, Add</i>		
01 54 29 00-0004 LF Installation of Netting for Sidewalk Bridge .....	1.83	
<b>01 54 29 00-0005 Monthly Rental of Sidewalk Bridge (01 54 29 00-0001)</b>		
01 54 29 00-0006 LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	5.34	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0007 LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	6.01	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0008 LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	6.67	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0009 LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	6.67	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0010 LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	7.34	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0011 LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	8.67	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0012 LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	8.01	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0013 LF Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	9.34	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0014 LF Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	10.01	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		
01 54 29 00-0015 LF Monthly Rental of Netting for Sidewalk Bridge .....	1.00	
<b>01 54 29 00-0016 Removal of Sidewalk Bridge (01 54 29 00-0001)</b>		
01 54 29 00-0017 LF Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....	14.96	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
<i>For 3 Post System, Add</i>		
<i>For Each Additional Foot Over 8' Wide, Add</i>		
<i>For Each Additional Foot Over 8' High, Add</i>		
01 54 29 00-0018 LF Removal of Netting for Sidewalk Bridge .....	0.92	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 55</b>	<b>Vehicular Access And Parking</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**01 55 Vehicular Access And Parking** (01 50)

**01 55 26 Traffic Control** (01 55)

**01 55 26 00-0001 Removable Prefomed Traffic Black Line Mask** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask.....	3.49
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask.....	4.38

**01 55 26 00-0004 Temporary Prefomed Traffic Line Tape** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape.....	2.53
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape.....	3.47
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape.....	4.38

**01 55 26 00-0008 Temporary Painted Traffic Lines** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines.....	1.75
		<i>For Not Removed, Deduct</i>	-1.47
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines.....	2.35
		<i>For Not Removed, Deduct</i>	-2.00
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines.....	2.95
		<i>For Not Removed, Deduct</i>	-2.53

**01 55 26 00-0012 Pedestrian Traffic Control** (01 55 26)

01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange.....	8.49
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange.....	12.01
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	5.36
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	6.99
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....	8.22
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent.....	12.77
01 55 26 00-0019	CLF	1" Exterior Vinyl Tape (Warning Tape).....	11.18
01 55 26 00-0020	CLF	2" Exterior Vinyl Tape (Warning Tape).....	17.11
01 55 26 00-0021	CLF	3" Exterior Vinyl Tape (Warning Tape).....	23.22
01 55 26 00-0022	CLF	4" Exterior Vinyl Tape (Warning Tape).....	27.27

**01 55 26 00-0023 Traffic Protection** (01 55 26)

**01 55 26 00-0024 Portable Traffic Control Device Rental** (01 55 26 00-0023)

Note: Excludes placing and removing devices.

01 55 26 00-0025	DAY	28" Cone With Reflective Collar.....	0.43
01 55 26 00-0026	WK	28" Cone With Reflective Collar.....	1.29
01 55 26 00-0027	MO	28" Cone With Reflective Collar.....	3.86
01 55 26 00-0028	DAY	Vertical Panel.....	1.30
01 55 26 00-0029	WK	Vertical Panel.....	3.89
01 55 26 00-0030	MO	Vertical Panel.....	11.67
01 55 26 00-0031	DAY	Channelizer Drum.....	1.41
01 55 26 00-0032	WK	Channelizer Drum.....	4.22
01 55 26 00-0033	MO	Channelizer Drum.....	12.67
01 55 26 00-0034	DAY	Stackable Channelizer Panel.....	0.67
01 55 26 00-0035	WK	Stackable Channelizer Panel.....	2.00
01 55 26 00-0036	MO	Stackable Channelizer Panel.....	5.99
01 55 26 00-0037	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	0.92
01 55 26 00-0038	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	2.77
01 55 26 00-0039	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	8.30
01 55 26 00-0040	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	2.04
01 55 26 00-0041	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	6.13
01 55 26 00-0042	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	18.39
01 55 26 00-0043	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	2.33
01 55 26 00-0044	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	6.99
01 55 26 00-0045	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	20.96
01 55 26 00-0046	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	4.26
01 55 26 00-0047	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	12.78
01 55 26 00-0048	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	38.34
01 55 26 00-0049	DAY	Up To 10' Wide A Frame Barricade.....	2.34
01 55 26 00-0050	WK	Up To 10' Wide A Frame Barricade.....	7.01
01 55 26 00-0051	MO	Up To 10' Wide A Frame Barricade.....	21.03
01 55 26 00-0052	DAY	Type A Or C Flasher.....	0.48
01 55 26 00-0053	WK	Type A Or C Flasher.....	1.43
01 55 26 00-0054	MO	Type A Or C Flasher.....	4.29
01 55 26 00-0055	DAY	Type B Flasher (High Intensity).....	2.58
01 55 26 00-0056	WK	Type B Flasher (High Intensity).....	7.75
01 55 26 00-0057	MO	Type B Flasher (High Intensity).....	23.25

**01 55 26 00-0058 Traffic Barriers Rental** (01 55 26 00-0023)

Note: Excludes placing and removing devices.



<b>General Requirements</b>	<b>01</b>	
Temporary Facilities And Controls	01 50	5
Vehicular Access And Parking	01 55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0059	DAY		6' Long Portable Parking Curbs .....	1.11	
01 55 26 00-0060	WK		6' Long Portable Parking Curbs .....	3.34	
01 55 26 00-0061	MO		6' Long Portable Parking Curbs .....	10.02	
01 55 26 00-0062	DAY		6' Long Portable Speed Bumps .....	3.29	
01 55 26 00-0063	WK		6' Long Portable Speed Bumps .....	9.88	
01 55 26 00-0064	MO		6' Long Portable Speed Bumps .....	29.64	
01 55 26 00-0065	DAY		Up To 12.5' Concrete Traffic Barrier .....	7.91	
01 55 26 00-0066	WK		Up To 12.5' Concrete Traffic Barrier .....	23.73	
01 55 26 00-0067	MO		Up To 12.5' Concrete Traffic Barrier .....	71.20	
01 55 26 00-0068	DAY		>12.5' To 20' Concrete Traffic Barrier .....	15.82	
01 55 26 00-0069	WK		>12.5' To 20' Concrete Traffic Barrier .....	47.47	
01 55 26 00-0070	MO		>12.5' To 20' Concrete Traffic Barrier .....	142.40	
01 55 26 00-0071	DAY		6' x 32" Tall Plastic Water Barrier .....	9.45	
01 55 26 00-0072	WK		6' x 32" Tall Plastic Water Barrier .....	28.34	
01 55 26 00-0073	MO		6' x 32" Tall Plastic Water Barrier .....	85.03	
01 55 26 00-0074	DAY		6' x 46" Tall Plastic Water Barrier .....	13.49	
01 55 26 00-0075	WK		6' x 46" Tall Plastic Water Barrier .....	40.47	
01 55 26 00-0076	MO		6' x 46" Tall Plastic Water Barrier .....	121.41	
01 55 26 00-0077	DAY		Sand Filled Crash Attenuator Barrels .....	5.28	
01 55 26 00-0078	WK		Sand Filled Crash Attenuator Barrels .....	15.84	
01 55 26 00-0079	MO		Sand Filled Crash Attenuator Barrels .....	47.52	
<b>01 55 26 00-0080</b>			<b>Portable Signs And Message Displays Rental</b> (01 55 26 00-0023)		
			Note: Excludes placing and removing devices.		
01 55 26 00-0081	DAY		Mesh Or Vinyl Roll-up Sign With Stand .....	4.15	
01 55 26 00-0082	WK		Mesh Or Vinyl Roll-up Sign With Stand .....	12.44	
01 55 26 00-0083	MO		Mesh Or Vinyl Roll-up Sign With Stand .....	37.31	
01 55 26 00-0084	DAY		Aluminum Sign And Post .....	2.35	
01 55 26 00-0085	WK		Aluminum Sign And Post .....	7.04	
01 55 26 00-0086	MO		Aluminum Sign And Post .....	21.14	
01 55 26 00-0087	DAY		Aluminum Sign And A Frame Stand .....	3.13	
01 55 26 00-0088	WK		Aluminum Sign And A Frame Stand .....	9.40	
01 55 26 00-0089	MO		Aluminum Sign And A Frame Stand .....	28.21	
01 55 26 00-0090	DAY		Trailer Mounted Arrow Board .....	31.49	
01 55 26 00-0091	WK		Trailer Mounted Arrow Board .....	94.48	
01 55 26 00-0092	MO		Trailer Mounted Arrow Board .....	283.43	
01 55 26 00-0093	DAY		Trailer Mounted Message Board .....	127.50	
01 55 26 00-0094	WK		Trailer Mounted Message Board .....	382.50	
01 55 26 00-0095	MO		Trailer Mounted Message Board .....	1,147.50	
01 55 26 00-0096	DAY		Trailer Mounted Traffic Signal .....	258.20	
			Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.		
01 55 26 00-0097	WK		Trailer Mounted Traffic Signal .....	1,704.12	
			Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.		
01 55 26 00-0098	MO		Trailer Mounted Traffic Signal .....	6,713.20	
			Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.		
<b>01 55 26 00-0099</b>			<b>Place And Remove Traffic Protection Using Truck</b> (01 55 26 00-0023)		
			Note: Includes delivery and return up to 15 miles.		
01 55 26 00-0100	EA		Place And Remove Up To 250 Cones Using Truck .....	2.03	
01 55 26 00-0101	EA		Place And Remove >250 Cones Using Truck .....	1.62	
01 55 26 00-0102	EA		Place And Remove Up To 250 Panels/Channelizers Using Truck .....	2.70	
01 55 26 00-0103	EA		Place And Remove >250 Panels/Channelizers Using Truck .....	2.16	
01 55 26 00-0104	EA		Place And Remove Up To 250 Barricades Using Truck .....	4.05	
01 55 26 00-0105	EA		Place And Remove >250 Barricades Using Truck .....	3.24	
01 55 26 00-0106	EA		Place And Remove Curbs/Speed Bumps Using Truck .....	4.05	
01 55 26 00-0107	EA		Place And Remove Portable Sign And Stand Using Truck .....	2.43	
01 55 26 00-0108	EA		Place And Remove Aluminum Sign And Post Using Truck .....	10.12	
01 55 26 00-0109	EA		Place And Remove Trailer Mounted Boards Using Truck .....	30.36	
01 55 26 00-0110	EA		Place And Remove Up To 12.5' Concrete Traffic Barrier .....	41.65	
			Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
			For 1 Barrier, Add	104.13	
			For 2 Barriers, Add	37.49	
			For 3 Barriers, Add	12.50	
01 55 26 00-0111	EA		Place And Remove >12.5' Concrete Traffic Barrier .....	62.48	
			Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
			For 1 Barrier, Add	156.20	
			For 2 Barriers, Add	56.23	
			For 3 Barriers, Add	18.74	
01 55 26 00-0112	EA		Place And Remove Plastic Water Barrier .....	22.34	
			Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.		
			For 1 Barrier, Add	52.08	
			For 2 Barriers, Add	18.75	
			For 3 Barriers, Add	6.25	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 55</b>	<b>Vehicular Access And Parking</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
01 55 26 00-0113	EA	Place And Remove Crash Attenuator Barrels.....		31.25	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.			
		For 1 Barrier, Add		78.13	
		For 2 Barriers, Add		28.13	
		For 3 Barriers, Add		9.38	
<b>01 55 26 00-0114</b>		<b>Place And Remove Traffic Protection From Roadside (Daily)</b> (01 55 26 00-0023)			
01 55 26 00-0115	EA	Place And Remove Up To 250 Cones By Hand From Roadside.....		1.01	
01 55 26 00-0116	EA	Place And Remove >250 Cones By Hand From Roadside.....		0.81	
01 55 26 00-0117	EA	Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside.....		1.35	
01 55 26 00-0118	EA	Place And Remove >250 Panels/Channelizers By Hand From Roadside.....		1.07	
01 55 26 00-0119	EA	Place And Remove Up To 250 Barricades By Hand From Roadside.....		2.03	
01 55 26 00-0120	EA	Place And Remove >250 Barricades By Hand From Roadside.....		1.62	
01 55 26 00-0121	EA	Place And Remove Portable Sign And Stand From Roadside.....		1.28	
01 55 26 00-0122	EA	Place And Remove Trailer Mounted Boards From Roadside.....		15.18	
01 55 26 00-0123	EA	Roadside Relocation Of Concrete Traffic Barrier.....		20.83	
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.			
<b>01 56</b>		<b>Temporary Barriers And Enclosures</b> (01 50)			
		Note: Includes removal after use.			
<b>01 56 16</b>		<b>Temporary Dust Barriers</b> (01 56)			
<b>01 56 16 00-0001</b>		<b>Temporary Sheeting For Protection</b> (01 56 16)			
01 56 16 00-0002	SF	6 Mil Plastic Sheeting, Applied To Floors.....		0.17	
01 56 16 00-0003	SF	6 Mil Plastic Sheeting, Applied To Walls.....		0.22	
01 56 16 00-0004	SF	6 Mil Plastic Sheeting, Applied To Ceilings.....		0.29	
01 56 16 00-0005	SF	10 Mil Plastic Sheeting Applied To Scaffolding.....		0.31	
01 56 16 00-0006	SF	Burlap, Applied To Floors.....		0.35	
<b>01 56 16 00-0007</b>		<b>Temporary Stud Wall</b> (01 56 16)			
<b>01 56 16 00-0008</b>		<b>Temporary Stud Wall With Drywall</b> (01 56 16 00-0007)			
		Note: Includes 2 x 4 wood studs installed 16" on center, drywall taped and finished, and removal after use. Excludes paint.			
<b>01 56 16 00-0009</b>		<b>Temporary Stud Wall With Drywall</b> (01 56 16 00-0008)			
01 56 16 00-0010	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.01	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0011	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.01	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0012	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.10	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0013	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.21	
		For Metal Studs 24" On Center, Add		0.23	
01 56 16 00-0014	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.21	
		For Metal Studs 24" On Center, Add		0.23	
01 56 16 00-0015	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.38	
		For Metal Studs 24" On Center, Add		0.23	
<b>01 56 16 00-0016</b>		<b>Temporary Stud Wall With Fire Rated Drywall</b> (01 56 16 00-0008)			
01 56 16 00-0017	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.11	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0018	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.14	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0019	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.09	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0020	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....		3.75	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0021	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.40	
		For Metal Studs 24" On Center, Add		0.23	
01 56 16 00-0022	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.46	
		For Metal Studs 24" On Center, Add		0.23	
01 56 16 00-0023	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		4.36	
		For Metal Studs 24" On Center, Add		0.23	
01 56 16 00-0024	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....		5.68	
		For Metal Studs 24" On Center, Add		0.23	
<b>01 56 16 00-0025</b>		<b>Temporary Stud Wall With Oriented Strand Board (OSB)</b> (01 56 16 00-0007)			
		Note: Includes 2 x 4 wood studs installed 16" on center, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.			
01 56 16 00-0026	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....		2.92	
		For Metal Studs 24" On Center, Add		0.19	
01 56 16 00-0027	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....		2.95	
		For Metal Studs 24" On Center, Add		0.19	



<b>General Requirements</b>	<b>01</b>	<b>10</b>
Temporary Facilities And Controls	01 50	
Temporary Barriers And Enclosures	01 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0028 SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.06	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0029 SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.12	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0030 SF 7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.01	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0031 SF 1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.09	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0032 SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.30	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0033 SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.42	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
<b>01 56 16 00-0034 Temporary Stud Wall With BC Plywood</b> <small>(01 56 16 00-0007)</small>		
Note: Includes 2 x 4 wood studs installed 16" on center, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0035 SF 3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.17	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0036 SF 1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.32	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0037 SF 5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.33	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0038 SF 3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.43	
<i>For Metal Studs 24" On Center, Add</i>	0.19	
01 56 16 00-0039 SF 3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.53	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0040 SF 1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.81	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0041 SF 5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	4.83	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
01 56 16 00-0042 SF 3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	5.03	
<i>For Metal Studs 24" On Center, Add</i>	0.23	
<b>01 56 16 00-0043 Temporary Stud Wall With Plastic Sheeting</b> <small>(01 56 16 00-0007)</small>		
Note: Includes 2 x 4 wood studs installed 16" on center, 6 Mil plastic sheeting, and removal after use. Excludes paint.		
01 56 16 00-0044 SF 6 Mil Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	1.73	
<b>01 56 16 00-0045 Temporary Doors</b> <small>(01 56 16 00-0007)</small>		
01 56 16 00-0046 EA Temporary Metal Door And Frame.....	261.87	
Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
01 56 16 00-0047 EA 3' x 7'-1/2" Plywood Hinged Access Panel For Temporary Stud Wall.....	176.03	
Note: Includes hardware and lockset.		
<b>01 56 16 00-0048 Temporary Floor Protection</b> <small>(01 56 16)</small>		
01 56 16 00-0049 SF Masonite For Temporary Floor Protection.....	0.86	
01 56 16 00-0050 SF 1/2" Plywood For Temporary Floor Protection.....	0.89	
01 56 16 00-0051 SF 3/4" Plywood For Temporary Floor Protection.....	1.11	
<b>01 56 26 Temporary Fencing</b> <small>(01 56)</small>		
<b>01 56 26 00-0001 Temporary Fencing</b> <small>(01 56 26)</small>		
Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
<b>01 56 26 00-0002 Temporary Chain Link Fence</b> <small>(01 56 26 00-0001)</small>		
Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
<b>01 56 26 00-0003 Temporary Chain Link Fence, Up To 6 Months</b> <small>(01 56 26 00-0002)</small>		
01 56 26 00-0004 LF Temporary 4' High Chain Link Fence And Posts, Up To 6 Months.....	3.15	
<i>For &gt;100 To 250, Deduct</i>	-0.16	
<i>For &gt;250 To 500, Deduct</i>	-0.32	
<i>For &gt;500, Deduct</i>	-0.47	
<i>For Shade Cloth, Add</i>	1.60	
01 56 26 00-0005 LF Temporary 6' High Chain Link Fence And Posts, Up To 6 Months.....	3.56	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500, Deduct</i>	-0.53	
<i>For Shade Cloth, Add</i>	2.55	
01 56 26 00-0006 LF Temporary 8' High Chain Link Fence And Posts, Up To 6 Months.....	6.01	
<i>For &gt;100 To 250, Deduct</i>	-0.30	
<i>For &gt;250 To 500, Deduct</i>	-0.60	
<i>For &gt;500, Deduct</i>	-0.90	
<i>For Shade Cloth, Add</i>	3.60	
01 56 26 00-0007 LF Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	17.88	
<i>For &gt;100 To 250, Deduct</i>	-0.89	
<i>For &gt;250 To 500, Deduct</i>	-1.79	
<i>For &gt;500, Deduct</i>	-2.68	
<i>For Shade Cloth, Add</i>	4.75	

01	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 56</b>	<b>Temporary Barriers And Enclosures</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 56 26 00-0008</b> Temporary Chain Link Fence, >6 To 12 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0009 LF Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months.....	3.48	
For >100 To 250, Deduct	-0.17	
For >250 To 500, Deduct	-0.35	
For >500, Deduct	-0.52	
For Shade Cloth, Add	1.60	
01 56 26 00-0010 LF Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months.....	3.91	
For >100 To 250, Deduct	-0.20	
For >250 To 500, Deduct	-0.39	
For >500, Deduct	-0.59	
For Shade Cloth, Add	2.55	
01 56 26 00-0011 LF Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months.....	6.61	
For >100 To 250, Deduct	-0.33	
For >250 To 500, Deduct	-0.66	
For >500, Deduct	-0.99	
For Shade Cloth, Add	3.60	
01 56 26 00-0012 LF Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months.....	19.66	
For >100 To 250, Deduct	-0.98	
For >250 To 500, Deduct	-1.97	
For >500, Deduct	-2.95	
For Shade Cloth, Add	4.75	
<b>01 56 26 00-0013</b> Temporary Chain Link Fence, >12 To 18 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0014 LF Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months.....	3.83	
For >100 To 250, Deduct	-0.19	
For >250 To 500, Deduct	-0.38	
For >500, Deduct	-0.57	
For Shade Cloth, Add	1.60	
01 56 26 00-0015 LF Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months.....	4.31	
For >100 To 250, Deduct	-0.22	
For >250 To 500, Deduct	-0.43	
For >500, Deduct	-0.65	
For Shade Cloth, Add	2.55	
01 56 26 00-0016 LF Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	7.28	
For >100 To 250, Deduct	-0.36	
For >250 To 500, Deduct	-0.73	
For >500, Deduct	-1.09	
For Shade Cloth, Add	3.60	
01 56 26 00-0017 LF Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months.....	21.63	
For >100 To 250, Deduct	-1.08	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-3.24	
For Shade Cloth, Add	4.75	
<b>01 56 26 00-0018</b> Temporary Chain Link Fence, >18 Months <small>(01 56 26 00-0002)</small>		
01 56 26 00-0019 LF Temporary 4' High Chain Link Fence And Posts, >18 Months.....	4.21	
For >100 To 250, Deduct	-0.21	
For >250 To 500, Deduct	-0.42	
For >500, Deduct	-0.63	
For Shade Cloth, Add	1.60	
01 56 26 00-0020 LF Temporary 6' High Chain Link Fence And Posts, >18 Months.....	4.72	
For >100 To 250, Deduct	-0.24	
For >250 To 500, Deduct	-0.47	
For >500, Deduct	-0.71	
For Shade Cloth, Add	2.55	
01 56 26 00-0021 LF Temporary 8' High Chain Link Fence And Posts, >18 Months.....	7.99	
For >100 To 250, Deduct	-0.40	
For >250 To 500, Deduct	-0.80	
For >500, Deduct	-1.20	
For Shade Cloth, Add	3.60	
01 56 26 00-0022 LF Temporary 10' High Chain Link Fence And Posts, >18 Months.....	23.78	
For >100 To 250, Deduct	-1.19	
For >250 To 500, Deduct	-2.38	
For >500, Deduct	-3.57	
For Shade Cloth, Add	4.75	
<b>01 56 26 00-0023</b> Temporary Chain Link Fence Gates <small>(01 56 26 00-0001)</small>		
Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
<b>01 56 26 00-0024</b> Temporary Chain Link Fence Gates, Up To 6 Months <small>(01 56 26 00-0023)</small>		
<b>01 56 26 00-0025</b> 4' High, Temporary Chain Link Fence Gates, Up To 6 Months <small>(01 56 26 00-0024)</small>		
01 56 26 00-0026 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	200.98	
For Shade Cloth, Add	15.01	
01 56 26 00-0027 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	312.64	
For Shade Cloth, Add	37.52	
01 56 26 00-0028 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	357.30	
For Shade Cloth, Add	45.02	
01 56 26 00-0029 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	401.96	
For Shade Cloth, Add	56.28	
01 56 26 00-0030 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	491.28	
For Shade Cloth, Add	75.03	





		<b>General Requirements</b>	<b>01</b>
		<b>Temporary Facilities And Controls</b>	<b>01 50</b>
		<b>Temporary Barriers And Enclosures</b>	<b>01 56</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0031	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	535.97 90.04	
<b>01 56 26 00-0032</b>			<b>6' High, Temporary Chain Link Fence Gates, Up To 6 Months</b> <small>(01 56 26 00-0024)</small>		
01 56 26 00-0033	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	210.12 23.92	
01 56 26 00-0034	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	326.84 59.79	
01 56 26 00-0035	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	373.53 71.75	
01 56 26 00-0036	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	420.25 89.69	
01 56 26 00-0037	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	513.62 119.58	
01 56 26 00-0038	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	560.31 143.50	
<b>01 56 26 00-0039</b>			<b>8' High, Temporary Chain Link Fence Gates, Up To 6 Months</b> <small>(01 56 26 00-0024)</small>		
01 56 26 00-0040	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	231.13 33.77	
01 56 26 00-0041	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	359.54 84.41	
01 56 26 00-0042	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	410.90 101.30	
01 56 26 00-0043	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	462.26 126.62	
01 56 26 00-0044	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	564.99 168.83	
01 56 26 00-0045	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	616.35 202.59	
<b>01 56 26 00-0046</b>			<b>10' High, Temporary Chain Link Fence Gates, Up To 6 Months</b> <small>(01 56 26 00-0024)</small>		
01 56 26 00-0047	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	288.91 44.55	
01 56 26 00-0048	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	449.42 111.38	
01 56 26 00-0049	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	513.62 133.65	
01 56 26 00-0050	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	577.83 167.07	
01 56 26 00-0051	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	706.23 222.76	
01 56 26 00-0052	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... <i>For Shade Cloth, Add</i>	770.43 267.31	
<b>01 56 26 00-0053</b>			<b>Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> <small>(01 56 26 00-0023)</small>		
<b>01 56 26 00-0054</b>			<b>4' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> <small>(01 56 26 00-0053)</small>		
01 56 26 00-0055	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	211.03 15.01	
01 56 26 00-0056	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	328.27 37.52	
01 56 26 00-0057	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	375.17 45.02	
01 56 26 00-0058	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	422.06 56.28	
01 56 26 00-0059	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	515.84 75.03	
01 56 26 00-0060	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	562.76 90.04	
<b>01 56 26 00-0061</b>			<b>6' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> <small>(01 56 26 00-0053)</small>		
01 56 26 00-0062	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	220.63 23.92	
01 56 26 00-0063	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	343.19 59.79	
01 56 26 00-0064	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	392.21 71.75	
01 56 26 00-0065	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	441.26 89.69	
01 56 26 00-0066	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	539.30 119.58	
01 56 26 00-0067	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... <i>For Shade Cloth, Add</i>	588.33 143.50	
<b>01 56 26 00-0068</b>			<b>8' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> <small>(01 56 26 00-0053)</small>		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 56</b>	<b>Temporary Barriers And Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0069	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	242.69	
			<i>For Shade Cloth, Add</i>	33.77	
01 56 26 00-0070	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	377.51	
			<i>For Shade Cloth, Add</i>	84.41	
01 56 26 00-0071	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	431.44	
			<i>For Shade Cloth, Add</i>	101.30	
01 56 26 00-0072	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	485.37	
			<i>For Shade Cloth, Add</i>	126.62	
01 56 26 00-0073	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	593.23	
			<i>For Shade Cloth, Add</i>	168.83	
01 56 26 00-0074	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	647.16	
			<i>For Shade Cloth, Add</i>	202.59	
<b>01 56 26 00-0075</b>			<b>10' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> <small>(01 56 26 00-0053)</small>		
01 56 26 00-0076	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	303.36	
			<i>For Shade Cloth, Add</i>	44.55	
01 56 26 00-0077	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	471.89	
			<i>For Shade Cloth, Add</i>	111.38	
01 56 26 00-0078	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	539.30	
			<i>For Shade Cloth, Add</i>	133.65	
01 56 26 00-0079	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	606.72	
			<i>For Shade Cloth, Add</i>	167.07	
01 56 26 00-0080	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	741.54	
			<i>For Shade Cloth, Add</i>	222.76	
01 56 26 00-0081	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	808.96	
			<i>For Shade Cloth, Add</i>	267.31	
<b>01 56 26 00-0082</b>			<b>Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> <small>(01 56 26 00-0023)</small>		
<b>01 56 26 00-0083</b>			<b>4' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> <small>(01 56 26 00-0082)</small>		
01 56 26 00-0084	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	221.58	
			<i>For Shade Cloth, Add</i>	15.01	
01 56 26 00-0085	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	344.69	
			<i>For Shade Cloth, Add</i>	37.52	
01 56 26 00-0086	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	393.93	
			<i>For Shade Cloth, Add</i>	45.02	
01 56 26 00-0087	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	443.16	
			<i>For Shade Cloth, Add</i>	56.28	
01 56 26 00-0088	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	541.64	
			<i>For Shade Cloth, Add</i>	75.03	
01 56 26 00-0089	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	590.90	
			<i>For Shade Cloth, Add</i>	90.04	
<b>01 56 26 00-0090</b>			<b>6' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> <small>(01 56 26 00-0082)</small>		
01 56 26 00-0091	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	231.66	
			<i>For Shade Cloth, Add</i>	23.92	
01 56 26 00-0092	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	360.35	
			<i>For Shade Cloth, Add</i>	59.79	
01 56 26 00-0093	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	411.82	
			<i>For Shade Cloth, Add</i>	71.75	
01 56 26 00-0094	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	463.32	
			<i>For Shade Cloth, Add</i>	89.69	
01 56 26 00-0095	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	566.27	
			<i>For Shade Cloth, Add</i>	119.58	
01 56 26 00-0096	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	617.74	
			<i>For Shade Cloth, Add</i>	143.50	
<b>01 56 26 00-0097</b>			<b>8' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> <small>(01 56 26 00-0082)</small>		
01 56 26 00-0098	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	254.82	
			<i>For Shade Cloth, Add</i>	33.77	
01 56 26 00-0099	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	396.39	
			<i>For Shade Cloth, Add</i>	84.41	
01 56 26 00-0100	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	453.02	
			<i>For Shade Cloth, Add</i>	101.30	
01 56 26 00-0101	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	509.64	
			<i>For Shade Cloth, Add</i>	126.62	
01 56 26 00-0102	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	622.90	
			<i>For Shade Cloth, Add</i>	168.83	
01 56 26 00-0103	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	679.52	
			<i>For Shade Cloth, Add</i>	202.59	
<b>01 56 26 00-0104</b>			<b>10' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> <small>(01 56 26 00-0082)</small>		
01 56 26 00-0105	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	318.53	
			<i>For Shade Cloth, Add</i>	44.55	
01 56 26 00-0106	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	495.49	
			<i>For Shade Cloth, Add</i>	111.38	
01 56 26 00-0107	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	566.27	
			<i>For Shade Cloth, Add</i>	133.65	



<b>General Requirements</b>	<b>01</b>	<b>10</b>
Temporary Facilities And Controls	01 50	
Temporary Barriers And Enclosures	01 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0108 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months ..... <i>For Shade Cloth, Add</i>	637.05 167.07	
01 56 26 00-0109 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months ..... <i>For Shade Cloth, Add</i>	778.62 222.76	
01 56 26 00-0110 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months ..... <i>For Shade Cloth, Add</i>	849.40 267.31	
<b>01 56 26 00-0111 Temporary Chain Link Fence Gates, &gt;18 Months</b> <small>(01 56 26 00-0023)</small>		
<b>01 56 26 00-0112 4' High, Temporary Chain Link Fence Gates, &gt;18 Months</b> <small>(01 56 26 00-0111)</small>		
01 56 26 00-0113 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	232.13 15.01	
01 56 26 00-0114 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	361.10 37.52	
01 56 26 00-0115 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	412.68 45.02	
01 56 26 00-0116 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	464.27 56.28	
01 56 26 00-0117 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	567.43 75.03	
01 56 26 00-0118 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	619.04 90.04	
<b>01 56 26 00-0119 6' High, Temporary Chain Link Fence Gates, &gt;18 Months</b> <small>(01 56 26 00-0111)</small>		
01 56 26 00-0120 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	242.69 23.92	
01 56 26 00-0121 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	377.50 59.79	
01 56 26 00-0122 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	431.43 71.75	
01 56 26 00-0123 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	485.38 89.69	
01 56 26 00-0124 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	593.23 119.58	
01 56 26 00-0125 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	647.16 143.50	
<b>01 56 26 00-0126 8' High, Temporary Chain Link Fence Gates, &gt;18 Months</b> <small>(01 56 26 00-0111)</small>		
01 56 26 00-0127 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	266.96 33.77	
01 56 26 00-0128 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	415.26 84.41	
01 56 26 00-0129 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	474.59 101.30	
01 56 26 00-0130 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	533.91 126.62	
01 56 26 00-0131 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	652.56 168.83	
01 56 26 00-0132 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	711.88 202.59	
<b>01 56 26 00-0133 10' High, Temporary Chain Link Fence Gates, &gt;18 Months</b> <small>(01 56 26 00-0111)</small>		
01 56 26 00-0134 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	333.69 44.55	
01 56 26 00-0135 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	519.08 111.38	
01 56 26 00-0136 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	593.23 133.65	
01 56 26 00-0137 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	667.39 167.07	
01 56 26 00-0138 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	815.70 222.76	
01 56 26 00-0139 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months ..... <i>For Shade Cloth, Add</i>	889.85 267.31	
<b>01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable)</b> <small>(01 56 26 00-0001)</small> Note: Includes set-up and removal. Excludes sandbags.		
<b>01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months</b> <small>(01 56 26 00-0140)</small>		
01 56 26 00-0142 LF Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500, Deduct</i> <i>For Shade Cloth, Add</i>	3.78 -0.19 -0.38 -0.57 1.60	
01 56 26 00-0143 LF Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500, Deduct</i> <i>For Shade Cloth, Add</i>	4.23 -0.21 -0.42 -0.63 2.55	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities And Controls</b>
	<b>01 56</b>	<b>Temporary Barriers And Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0144	LF		Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months.....	6.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.34	
			<i>For &gt;250 To 500, Deduct</i>	-0.68	
			<i>For &gt;500, Deduct</i>	-1.02	
			<i>For Shade Cloth, Add</i>	3.60	
<b>01 56 26 00-0145</b>			<b>Temporary Chain Link Fence Panels (Portable), &gt;6 To 12 Months</b> <small>(01 56 26 00-0140)</small>		
01 56 26 00-0146	LF		Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	4.10	
			<i>For &gt;100 To 250, Deduct</i>	-0.21	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500, Deduct</i>	-0.62	
			<i>For Shade Cloth, Add</i>	1.60	
01 56 26 00-0147	LF		Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	4.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.46	
			<i>For &gt;500, Deduct</i>	-0.69	
			<i>For Shade Cloth, Add</i>	2.55	
01 56 26 00-0148	LF		Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	7.42	
			<i>For &gt;100 To 250, Deduct</i>	-0.37	
			<i>For &gt;250 To 500, Deduct</i>	-0.74	
			<i>For &gt;500, Deduct</i>	-1.11	
			<i>For Shade Cloth, Add</i>	3.60	
<b>01 56 26 00-0149</b>			<b>Temporary Chain Link Fence Panels (Portable), &gt;12 To 18 Months</b> <small>(01 56 26 00-0140)</small>		
01 56 26 00-0150	LF		Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	4.42	
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500, Deduct</i>	-0.66	
			<i>For Shade Cloth, Add</i>	1.60	
01 56 26 00-0151	LF		Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	4.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.50	
			<i>For &gt;500, Deduct</i>	-0.75	
			<i>For Shade Cloth, Add</i>	2.55	
01 56 26 00-0152	LF		Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	8.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.40	
			<i>For &gt;250 To 500, Deduct</i>	-0.81	
			<i>For &gt;500, Deduct</i>	-1.21	
			<i>For Shade Cloth, Add</i>	3.60	
<b>01 56 26 00-0153</b>			<b>Temporary Chain Link Fence Panels (Portable), &gt;18 Months</b> <small>(01 56 26 00-0140)</small>		
01 56 26 00-0154	LF		Temporary 4' High Chain Link Fence Panels (Portable), >18 Months .....	4.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.48	
			<i>For &gt;500, Deduct</i>	-0.72	
			<i>For Shade Cloth, Add</i>	1.60	
01 56 26 00-0155	LF		Temporary 6' High Chain Link Fence Panels (Portable), >18 Months .....	5.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For &gt;500, Deduct</i>	-0.81	
			<i>For Shade Cloth, Add</i>	2.55	
01 56 26 00-0156	LF		Temporary 8' High Chain Link Fence Panels (Portable), >18 Months .....	8.79	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.32	
			<i>For Shade Cloth, Add</i>	3.60	
<b>01 56 26 00-0157</b>			<b>Temporary Chain Link Fence Panels (Portable) Sandbags</b> <small>(01 56 26 00-0140)</small>		
01 56 26 00-0158	BAG		Temporary Chain Link Fence Panels (Portable) Sandbag.....	3.55	
			Note: Includes placement and removal.		
<b>01 56 26 00-0159</b>			<b>Temporary Safety Fence</b> <small>(01 56 26)</small>		
			Note: Includes removal after use.		
01 56 26 00-0160	LF		Temporary Safety Fence, Plastic Mesh, 48" High With Posts At 8' On Center.....	1.78	
<b>01 56 29</b>			<b>Temporary Protective Walkways</b> <small>(01 56)</small>		
<b>01 56 29 00-0001</b>			<b>Temporary Walkways And Railings</b> <small>(01 56 29)</small>		
01 56 29 00-0002	LF		Temporary Wooden Guardrail With Top-Rail With Two Side Rails On 36" High 2 x 4 Posts 18" On Center Attached To Walkway .....	6.59	
			Note: Excludes walkway.		
01 56 29 00-0003	SF		Temporary Walkway With 3/4" Plywood On 2 x 6 Stringers.....	3.72	
01 56 29 00-0004	RSR		Temporary Stairs On 2 x 12 Stringers (Cost Per Riser).....	11.99	
<b>01 56 29 00-0005</b>			<b>Safety Nets</b> <small>(01 56 29)</small>		



<b>General Requirements</b>	<b>01</b>	
Temporary Facilities And Controls	01 50	5
Temporary Barriers And Enclosures	01 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0006 SF Small Mesh Debris Netting ..... 1.06 Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
<b>01 56 33 Temporary Security Barriers (01 56)</b>		
01 56 33 00-0001 Temporary Fiberglass Panels (01 56 33)		
01 56 33 00-0002 SF Prefabricated Fiberglass Panels ..... 0.98		
01 56 33 00-0003 Temporary Safety Guardrail (01 56 33)		
01 56 33 00-0004 LF 42" High, Wood Temporary Safety Guardrail ..... 15.05 Note: Includes removal after use. Note: Includes 2" x 4" construction, top, middle and bottom horizontal rails, and post boots. <i>For Attachment To A Concrete Substrate, Add</i>		1.13
01 56 33 00-0005 Board-up Opening With Plywood (01 56 33)		
Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0006 OPN Remove Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day ..... 5.84		
01 56 33 00-0007 SF Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners ..... 3.66		
01 56 33 00-0008 SF Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners ..... 4.23		
01 56 33 00-0009 Street Barricade (01 56 33)		
01 56 33 00-0010 LF Temporary Street Barricade, Using 12" x 12" Beam As Base With 2" x 4" Top Warning Rail And Sides, Per Month ..... 7.31		
<b>01 56 39 Temporary Tree And Plant Protection (01 56)</b>		
01 56 39 00-0001 Temporary Tree Guards (01 56 39)		
Note: Includes digging holes and removal.		
01 56 39 00-0002 EA Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail ..... 89.84		
01 56 39 00-0003 EA 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail ..... 107.88		
01 56 39 00-0004 EA 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail ..... 117.54		
01 56 39 00-0005 EA Temporary Tree Wrap, With 2" x 10" Or 2" x 12" Tied Around Tree With 4' Visible Fence Around Tree Base ..... 72.55 Note: Includes removal after use.		
<b>01 60 Product Requirements (01)</b>		
<b>01 66 Product Storage And Handling Requirements (01 60)</b>		
<b>01 66 19 Material Handling (01 66)</b>		
Note: Not for use in conjunction with other tasks when the distance is less than 2 stories with attic (2-1/2 stories) or less than 125'.		
01 66 19 00-0001 Material Handling Between Floors (01 66 19)		
01 66 19 00-0002 CY Moving Material Via Stairs, Per CY Of Material Per Floor ..... 4.28 Note: Quantity equals material volume times number of floors traveled.		
01 66 19 00-0003 CY Moving Material Via Elevator, Per CY Of Material ..... 2.56 Note: Quantity equals material volume. If more than one elevator is used, the quantity is factored by the number of transfers.		
01 66 19 00-0004 Moving Furniture (01 66 19)		
Note: To be used when contractor is required to move furniture. Not to be used when the amount of furniture is less than 55% of the total floor space. Moving of furniture which occupies less than 55% of the total floor space is considered as part of the coefficient adjustment factor.		
01 66 19 00-0005 SF Remove, Transport, Return And Reinstall Office Furniture ..... 0.48 Note: Includes general, desks, tables, file cabinets (full), chairs, storage boxes, bookshelves, office equipment and computers (per SF of office area). Not to be used when amount of furniture is less than 55% of total floor space.		
01 66 19 00-0006 Material Handling For Distances Greater Than 125' (01 66 19)		
01 66 19 00-0007 CY Handling Material For Over 125' Per CY Of Material Per 125' ..... 2.03 Note: For delivery, demolition or miscellaneous moving required by owner.		
01 66 19 00-0008 Rubbish Handling Between Floors (01 66 19)		
Note: Only use with selective demolition tasks to transfer demolished material more than 2-1/2 stories.		
01 66 19 00-0009 CY Rubbish Handling Via Stairs, Per CY Of Material Per Floor ..... 3.89 Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0010 CY Rubbish Handling Via Elevator, Per CY Of Material ..... 2.33 Note: Quantity equals material volume times bulk factor. If more than one elevator is used, the quantity is factored by the number of transfers.		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 60</b>	<b>Product Requirements</b>
	<b>01 66</b>	<b>Product Storage And Handling Requirements</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>01 66 19 00-0011</b>	<b>Loudoun County Material Handling And Storage</b> <small>(01 66 19)</small>	
01 66 19 00-0012	TON Material Handling, Loading And Unloading.....	49.50
01 66 19 00-0013	SFM Material Storage, Outside Or Non Temperature Controlled Inside.....	1.24
	Note: Includes non hazardous and hazmat. Unit of measure is SF / Month.	

**01 70 Execution And Closeout Requirements** (01)

**01 71 Examination And Preparation** (01 70)

**01 71 13 Mobilization** (01 71)

**01 71 13 00-0001 Equipment Delivery, Pickup, Mobilization And Demobilization** (01 71 13)

Note: Excludes flagman for traffic control where necessary.

01 71 13 00-0002	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck .....	201.32
	Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	
01 71 13 00-0003	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....	402.63
	Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.	

**01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization** (01 71 13)

Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.

01 71 13 00-0005	EA Up To 20 Ton Lift Move On/Off Cost, Truck Mounted Crane .....	250.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	62.50
	<i>For &gt;60 To 100 Miles Radius, Add</i>	100.00
01 71 13 00-0006	EA 20 To 30 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	360.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	90.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	144.00
01 71 13 00-0007	EA 40 To 50 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	480.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	120.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	192.00
01 71 13 00-0008	EA 70 To 100 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	780.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	195.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	312.00
01 71 13 00-0009	EA 75 Ton Lift Move On/Off Cost, Mechanical Crane.....	616.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	154.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	246.40
01 71 13 00-0010	EA 100 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,000.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	250.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	400.00
01 71 13 00-0011	EA 125 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,240.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	310.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	496.00
01 71 13 00-0012	EA 150 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,540.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	385.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	616.00
01 71 13 00-0013	EA 250 Ton Lift Move On/Off Cost, Mechanical Crane.....	2,800.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	700.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	1,120.00
01 71 13 00-0014	EA 300 Ton Lift Move On/Off Cost, Mechanical Crane.....	4,000.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	1,000.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	1,600.00
01 71 13 00-0015	EA 500 Ton Lift Move On/Off Cost, Mechanical Crane.....	6,000.00
	Note: Includes delivery and pickup.	
	<i>For &gt;30 To 60 Miles Radius, Add</i>	1,500.00
	<i>For &gt;60 To 100 Miles Radius, Add</i>	2,400.00

**01 71 23 Field Engineering** (01 71)

**01 71 23 16 Construction Surveying** (01 71 23)

**01 71 23 16-0001 Survey Crew** (01 71 23 16)

01 71 23 16-0002	HR 2 Person Survey Crew (Unit Of Measure Is Per Crew Hour Worked).....	150.71
	Note: Includes surveyor, rodman, equipment and instruments.	
01 71 23 16-0003	HR 3 Person Survey Crew (Unit Of Measure Is Per Crew Hour Worked).....	205.51
	Note: Includes surveyor, rodman, chainman, equipment and instruments.	



<b>General Requirements</b>	<b>01</b>	<b>5</b>
<b>Execution And Closeout Requirements</b>	<b>01 70</b>	
<b>Examination And Preparation</b>	<b>01 71</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0004 HR 4 Person Survey Crew (Unit Of Measure Is Per Crew Hour Worked)..... Note: Includes two surveyors, rodman, chainman, equipment and instruments.	292.14	
<b>01 71 23 16-0005 Conventional Topographic Survey</b> (01 71 23 16) Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.		
01 71 23 16-0006 ACR Survey Clear Area With Few To No Obstacles.....	613.13	
01 71 23 16-0007 ACR Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	1,699.82	
01 71 23 16-0008 ACR Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings).....	2,442.93	
01 71 23 16-0009 ACR Survey Developed Areas With Several Structures (25-65% Buildings).....	3,658.47	
01 71 23 16-0010 ACR Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....	4,574.62	
<b>01 71 23 16-0011 Property Lines Survey</b> (01 71 23 16) Note: Not to be added to tasks in the "Conventional Topographic Survey" section.		
01 71 23 16-0012 LF Survey Property Lines On Cleared Land.....	1.33	
01 71 23 16-0013 LF Survey Property Lines On Slightly Wooded Land.....	1.55	
01 71 23 16-0014 LF Survey Property Lines On Wooded Land.....	1.81	
<b>01 71 23 16-0015 Survey Monument</b> (01 71 23 16)		
01 71 23 16-0016 EA 3' Precast Survey Monument..... <i>For Owner Furnished Monument, Deduct</i>	105.14 -37.68	
<b>01 71 23 16-0017 Facade Surveying</b> (01 71 23 16)		
01 71 23 16-0018 LF Facade Survey And Reports (LF Of Facade x Number Of Floors).....	3.67	
<b>01 71 23 16-0019 Utility Survey</b> (01 71 23 16) Note: This survey is only for the location of underground utilities.		
01 71 23 16-0020 ACR Survey Clear Area For Underground Utilities.....	3,103.20	
<b>01 71 36 Non-Destructive Concrete Examination</b> (01 71)		
<b>01 71 36 00-0001 X-Ray And Electromagnetic Survey</b> (01 71 36) Note: To locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Includes printed reports.		
<b>01 71 36 00-0002 X-Ray Or Electromagnetic Survey Minimum Set-Up Charge</b> (01 71 36 00-0001)		
01 71 36 00-0003 EA X-Ray Or Electromagnetic Survey Minimum Set-Up Charge..... Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	387.48	
<b>01 71 36 00-0004 X-Ray Survey</b> (01 71 36 00-0001)		
01 71 36 00-0005 EA X-Ray Survey Up To 2 SF Of Concrete, Masonry Or Asphalt..... <i>For &gt;8 To 25, Deduct</i>	138.02 -31.25	
<b>01 71 36 00-0006 Electromagnetic (SIR/GPR) Survey</b> (01 71 36 00-0001)		
01 71 36 00-0007 EA Electromagnetic (SIR/GPR) Survey Up To 4 SF Of Concrete, Masonry Or Asphalt.....	276.05	
01 71 36 00-0008 EA Electromagnetic (SIR/GPR) Survey >4 To 500 SF Of Concrete, Masonry Or Asphalt.....	552.10	
01 71 36 00-0009 SF Electromagnetic (SIR/GPR) Survey >500 SF Of Concrete, Masonry Or Asphalt.....	1.10	
<b>01 74 Cleaning And Waste Management</b> (01 74)		
<b>01 74 13 Progress Cleaning</b> (01 74) Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.		
<b>01 74 13 00-0001 General</b> (01 74 13)		
01 74 13 00-0002 CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	9.74	
01 74 13 00-0003 CY Collect Existing Debris And Load Into Truck Or Dumpster..... Note: Per CY of debris removed.	11.45	
<b>01 74 16 Site Maintenance</b> (01 74)		
<b>01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance</b> (01 74 16) Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog®.		
<b>01 74 16 00-0002 Parking Lot, Road, And Street Sweeping</b> (01 74 16 00-0001)		
01 74 16 00-0003 MSF Sweep Parking Lot, With Street Sweeper.....	8.96	
01 74 16 00-0004 MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....	10.75	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 70</b>	<b>Execution And Closeout Requirements</b>
	<b>01 74</b>	<b>Cleaning And Waste Management</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**01 74 19 Construction Waste Management And Disposal (01 74)**

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001	Debris Chutes (01 74 19)		
		Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.	
01 74 19 00-0002	Steel Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0003	LF 18" Diameter, Steel Temporary Debris Chute		18.24
01 74 19 00-0004	LF 30" Diameter, Steel Temporary Debris Chute		28.15
01 74 19 00-0005	Plastic Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0006	LF 24" Diameter, Plastic Temporary Debris Chute		7.24
	For Steel Liner, Add		1.48
01 74 19 00-0007	LF 30" Diameter, Plastic Temporary Debris Chute		8.29
	For Steel Liner, Add		1.69
01 74 19 00-0008	LF 36" Diameter, Plastic Temporary Debris Chute		9.36
	For Steel Liner, Add		1.91
01 74 19 00-0009	Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010	LF 4' x 4', Wood Temporary Debris Chute		14.90
		Note: Includes fabrication and installation.	
01 74 19 00-0011	Construction Dumpsters Rental (01 74 19)		
		Note: Includes delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides & pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.	
01 74 19 00-0012	EA 6 CY Dumpster (1 Ton) "Construction Debris"		390.60
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0013	EA 10 CY Dumpster (1.5 Ton) "Construction Debris"		405.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0014	EA 15 CY Dumpster (1.5 Ton) "Construction Debris"		404.98
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0015	EA 20 CY Dumpster (2 Ton) "Construction Debris"		599.40
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0016	EA 30 CY Dumpster (3 Ton) "Construction Debris"		669.60
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0017	EA 40 CY Dumpster (4 Ton) "Construction Debris"		809.97
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
	For Each Ton Over Indicated Amount, Add		89.00
01 74 19 00-0018	Concrete Washout Service (01 74 19)		
01 74 19 00-0019	MO Rampless Concrete Washout Bin		515.83
		Note: Includes delivery.	
01 74 19 00-0020	MO Ramped Concrete Washout Bin		619.00
		Note: Includes delivery.	
01 74 19 00-0021	EA Interim Vacuum Service, Concrete Washout Bin		309.84
		Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	
01 74 19 00-0022	EA Vacuum, Pickup, Swap And Dump, Concrete Washout Bin		671.32
		Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	
01 74 19 00-0023	Debris Processing Fee (01 74 19)		
01 74 19 00-0024	Recycler Fees (01 74 19 00-0023)		
		Note: Does not apply with use of dumpsters. Excludes hauling.	
01 74 19 00-0025	CY Drop-Off Asphalt At Recycling Center		18.97
01 74 19 00-0026	CY Drop-Off Concrete At Recycling Center		9.48
01 74 19 00-0027	Landfill Dump Fees (01 74 19 00-0023)		
		Note: Contractor shall not use when material is disposed at Owner's site or facility (with waived tipping fee), or with use per dumpsters. Excludes hauling.	
01 74 19 00-0028	TON Dump Fee		55.00
		Note: Used for municipal solid waste (household garbage), yard waste (grass, yard trimmings, etc.), construction waste, woody waste (lumber), clean rubble (concrete, brick, dirt, etc.), and other waste mixed with yard waste, construction waste, or woody waste.	





<b>General Requirements</b>	<b>01</b>	<b>01</b>
<b>Execution And Closeout Requirements</b>	<b>01 70</b>	
<b>Cleaning And Waste Management</b>	<b>01 74</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0029 <b>Hauling</b> <small>(01 74 19)</small>		
<small>Note: Includes ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards for a minimum full truck load being transported. (i.e. to haul 3 CY to a disposal site with an 8 CY dump truck 15 miles away, the quantity is calculated as follows: 15 miles x 8 CY = 120 CYM. To haul 16 CY to a disposal site with an 8 CY dump truck 15 miles away, the quantity is calculated as follows: 15 miles x 16 CY = 240 CYM). Use both hauling tasks for distances greater than 15 miles. To haul 24 CY in an 8 CY truck to a site 32 miles away, the quantity for the first task is calculated: 15 miles x 24 CY = 360 CYM. The quantity for the second task is calculated: 32 total miles less 15 initial miles equals 17 miles x 24 CY = 408 CYM.</small>		
01 74 19 00-0030    CYM Hauling Up To 15 Miles On Paved Roads .....	2.01	
01 74 19 00-0031    CYM Hauling On Paved Roads, Miles Over Initial 15 Miles.....	0.32	
01 74 19 00-0032    CYM Hauling Up To 15 Miles On Unimproved Roads .....	2.10	
01 74 19 00-0033    CYM Hauling On Unimproved Roads, Miles Over Initial 15 Miles.....	0.58	
01 74 19 00-0034    EA    Truck Liner For Wet Dredging.....	48.24	
<small>Note: Per Trip</small>		
 <b>01 74 23    Final Cleaning</b> <small>(01 74)</small>		
01 74 23 00-0001 <b>Glass</b> <small>(01 74 23)</small>		
01 74 23 00-0002    CSF    Clean Existing Glass Surfaces.....	13.55	

**END OF SECTION 01**

01	<b>01</b>	<b>General Requirements</b>
	01 70	Execution And Closeout Requirements
	01 74	Cleaning And Waste Management



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Assessment	02 20	
Existing Material Assessment	02 25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 02 Existing Conditions

### 02 20 Assessment (02)

#### 02 25 Existing Material Assessment (02 20)

##### **02 25 16 Existing Concrete, Masonry Or Asphalt Assessment** (02 25)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

### 02 30 Subsurface Investigation (02)

#### 02 32 Geotechnical Investigations (02 30)

##### **02 32 13 Subsurface Drilling And Sampling** (02 32)

See CSI section 01 45 23 00-0000 for testing and lab reports.

##### 02 32 13 00-0001 Borings And Samples (02 32 13)

##### 02 32 13 00-0002 Soil Borings (SB) (02 32 13 00-0001)

02 32 13 00-0003	VLF	Hollow Stem Auger .....	7.00
02 32 13 00-0004	VLF	Casing .....	9.33
02 32 13 00-0005	VLF	Rotary-Wash.....	9.33
02 32 13 00-0006	VLF	Hand Auger.....	23.32

##### 02 32 13 00-0007 Rock Core (02 32 13 00-0001)

02 32 13 00-0008	VLF	Double Tube .....	37.31
02 32 13 00-0009	VLF	NX Size.....	37.31

##### 02 32 13 00-0010 Drilled (Pavement) Core (02 32 13 00-0001)

02 32 13 00-0011	EA	1st 8" Drilled Core.....	41.98
02 32 13 00-0012	IN	>8" Drilled Core .....	7.46

##### 02 32 13 00-0013 Samples (02 32 13 00-0001)

02 32 13 00-0014	EA	Undisturbed .....	74.63
02 32 13 00-0015	EA	Ring-Lined Barrel.....	43.84
02 32 13 00-0016	EA	Grab/Bag (Disturbed).....	13.99

##### 02 32 13 00-0017 Grouting (02 32 13 00-0001)

02 32 13 00-0018	VLF	Boreholes.....	5.13
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##### **02 32 19 Exploratory Excavations** (02 32)

##### 02 32 19 00-0001 Machine Dug Test, Entry/Exit Pits (02 32 19)

02 32 19 00-0002	CY	Test, Entry/Exit Pit Excavation, Backfill And Compaction, By Machine, Unpaved Areas.....	37.72
02 32 19 00-0003	CY	Test, Entry/Exit Pit Excavation, Backfill And Compaction, By Machine, Paved Areas - Non-State Road.....	72.30
02 32 19 00-0004	CY	Test, Entry/Exit Pit Excavation, Backfill And Compaction, By Machine, Paved Areas - State Road.....	94.29

## 02 40 Demolition And Structure Moving (02)

### 02 41 Demolition (02 40)

#### **02 41 13 Selective Site Demolition** (02 41)

##### **02 41 13 13 Paving Removal** (02 41 13)

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

##### 02 41 13 13-0001 By Machine, Break-up And Remove Bituminous And Concrete Paving (02 41 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0043 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving .....	7.03
		For Elevated Slab, Add	3.52
		For >500 To 1,000, Deduct	-0.70
		For >1,000 To 2,500, Deduct	-1.27
		For >2,500 To 5,000, Deduct	-1.83
		For >5,000 To 10,000, Deduct	-2.39
		For >10,000, Deduct	-2.95

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0003	SY		>3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	9.59	
			For Elevated Slab, Add	4.80	
			For >500 To 1,000, Deduct	-0.96	
			For >1,000 To 2,500, Deduct	-1.73	
			For >2,500 To 5,000, Deduct	-2.49	
			For >5,000 To 10,000, Deduct	-3.26	
			For >10,000, Deduct	-4.03	
02 41 13 13-0004	SY		>6" To 9" By Machine, Break-up And Remove Bituminous Paving.....	13.32	
			For Elevated Slab, Add	6.66	
			For >500 To 1,000, Deduct	-1.33	
			For >1,000 To 2,500, Deduct	-2.40	
			For >2,500 To 5,000, Deduct	-3.46	
			For >5,000 To 10,000, Deduct	-4.53	
			For >10,000, Deduct	-5.59	
02 41 13 13-0005	SY		>9" To 12" By Machine, Break-up And Remove Bituminous Paving.....	17.38	
			For Elevated Slab, Add	8.69	
			For >500 To 1,000, Deduct	-1.74	
			For >1,000 To 2,500, Deduct	-3.13	
			For >2,500 To 5,000, Deduct	-4.52	
			For >5,000 To 10,000, Deduct	-5.91	
			For >10,000, Deduct	-7.30	
02 41 13 13-0006	SY		>12" To 15" By Machine, Break-up And Remove Bituminous Paving.....	24.18	
			For Elevated Slab, Add	12.09	
			For >500 To 1,000, Deduct	-2.42	
			For >1,000 To 2,500, Deduct	-4.35	
			For >2,500 To 5,000, Deduct	-6.29	
			For >5,000 To 10,000, Deduct	-8.22	
			For >10,000, Deduct	-10.16	
02 41 13 13-0007	SY		Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	8.09	
			For Elevated Slab, Add	4.05	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000 To 2,500, Deduct	-1.46	
			For >2,500 To 5,000, Deduct	-2.10	
			For >5,000 To 10,000, Deduct	-2.75	
			For >10,000, Deduct	-3.40	
02 41 13 13-0008	SY		>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	10.58	
			For Elevated Slab, Add	5.29	
			For >500 To 1,000, Deduct	-1.06	
			For >1,000 To 2,500, Deduct	-1.90	
			For >2,500 To 5,000, Deduct	-2.75	
			For >5,000 To 10,000, Deduct	-3.60	
			For >10,000, Deduct	-4.44	
02 41 13 13-0009	SY		Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	10.73	
			For Elevated Slab, Add	5.37	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000 To 2,500, Deduct	-1.93	
			For >2,500 To 5,000, Deduct	-2.79	
			For >5,000 To 10,000, Deduct	-3.65	
			For >10,000, Deduct	-4.51	
02 41 13 13-0010	SY		>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	13.91	
			For Elevated Slab, Add	6.96	
			For >500 To 1,000, Deduct	-1.39	
			For >1,000 To 2,500, Deduct	-2.50	
			For >2,500 To 5,000, Deduct	-3.62	
			For >5,000 To 10,000, Deduct	-4.73	
			For >10,000, Deduct	-5.84	
02 41 13 13-0011	SY		>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	23.05	
			For Elevated Slab, Add	11.53	
			For >500 To 1,000, Deduct	-2.31	
			For >1,000 To 2,500, Deduct	-4.15	
			For >2,500 To 5,000, Deduct	-5.99	
			For >5,000 To 10,000, Deduct	-7.84	
			For >10,000, Deduct	-9.68	
02 41 13 13-0012	SY		Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	11.64	
			For Elevated Slab, Add	5.82	
			For >500 To 1,000, Deduct	-1.16	
			For >1,000 To 2,500, Deduct	-2.10	
			For >2,500 To 5,000, Deduct	-3.03	
			For >5,000 To 10,000, Deduct	-3.96	
			For >10,000, Deduct	-4.89	
02 41 13 13-0013	SY		>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	14.97	
			For Elevated Slab, Add	7.49	
			For >500 To 1,000, Deduct	-1.50	
			For >1,000 To 2,500, Deduct	-2.69	
			For >2,500 To 5,000, Deduct	-3.89	
			For >5,000 To 10,000, Deduct	-5.09	
			For >10,000, Deduct	-6.29	
02 41 13 13-0014	SY		>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	26.76	
			For Elevated Slab, Add	13.38	
			For >500 To 1,000, Deduct	-2.68	
			For >1,000 To 2,500, Deduct	-4.82	
			For >2,500 To 5,000, Deduct	-6.96	
			For >5,000 To 10,000, Deduct	-9.10	
			For >10,000, Deduct	-11.24	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
<b>Demolition And Structure Moving</b>	<b>02 40</b>	
<b>Demolition</b>	<b>02 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0015 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	34.92	
For Elevated Slab, Add	17.46	
For >500 To 1,000, Deduct	-3.49	
For >1,000 To 2,500, Deduct	-6.29	
For >2,500 To 5,000, Deduct	-9.08	
For >5,000 To 10,000, Deduct	-11.87	
For >10,000, Deduct	-14.67	
02 41 13 13-0016 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	45.65	
For Elevated Slab, Add	22.83	
For >500 To 1,000, Deduct	-4.57	
For >1,000 To 2,500, Deduct	-8.22	
For >2,500 To 5,000, Deduct	-11.87	
For >5,000 To 10,000, Deduct	-15.52	
For >10,000, Deduct	-19.17	
02 41 13 13-0017 SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	55.40	
For Elevated Slab, Add	27.70	
For >500 To 1,000, Deduct	-5.54	
For >1,000 To 2,500, Deduct	-9.97	
For >2,500 To 5,000, Deduct	-14.40	
For >5,000 To 10,000, Deduct	-18.84	
For >10,000, Deduct	-23.27	
<b>02 41 13 13-0018 By Hand, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)</b>		
Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0043 for saw cutting.		
02 41 13 13-0019 SF Up To 3" By Hand, Break-up And Remove Bituminous Paving .....	1.69	
02 41 13 13-0020 SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving .....	2.23	
02 41 13 13-0021 SF >6" To 8" By Hand, Break-up And Remove Bituminous Paving .....	2.90	
02 41 13 13-0022 SF Up To 3" By Hand, Break-up And Remove Concrete Paving .....	2.11	
02 41 13 13-0023 SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....	2.92	
02 41 13 13-0024 SF >6" To 8" By Hand, Break-up And Remove Concrete Paving.....	3.74	
<b>02 41 13 13-0025 Grind Concrete (02 41 13 13)</b>		
02 41 13 13-0026 EA Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) .....	97.10	
Note: For each location up to 5' wide, feather up to 12" each direction.		
For >1/2" To 1" Depth Of Grinding, Add	14.57	
For >1" To 1-1/2" Depth Of Grinding, Add	24.28	
For Up To 5, Add	19.42	
For >5 To 10, Add	9.71	
For >25 To 50, Deduct	-9.71	
For >50 To 250, Deduct	-14.57	
For >250, Deduct	-19.42	
For Sidewalks >5', Add	9.71	
For Up To 12" Additional Feathering Per Side, Add	9.71	
<b>02 41 16 Structure Demolition (02 41)</b>		
<b>02 41 16 13 Building Demolition (02 41 16)</b>		
<b>02 41 16 13-0001 Building Interior Demolition (02 41 16 13)</b>		
Note: Gutted and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panelboards. Excludes hauling, dump fees, recycling charges, and/or salvage value.		
02 41 16 13-0002 GSF Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....	3.55	
02 41 16 13-0003 GSF Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	5.37	
02 41 16 13-0004 GSF >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....	4.39	
02 41 16 13-0005 GSF >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....	3.91	
<b>02 41 16 13-0006 Commercial And Residential Structures Demolition (02 41 16 13)</b>		
Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, cleanup and work, site paving and concrete, recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.		
<b>02 41 16 13-0007 Steel Framed Building Demolition (02 41 16 13-0006)</b>		
Note: Includes masonry partitions and concrete decks.		

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0008	CCF		By Pneumatic Tools/Hand, Steel Framed Building Demolition .....	35.58	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-2.67	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-5.34	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-8.01	
			<i>For Up To 500, Add</i>	10.67	
			<i>For &gt;500 To 1,000, Add</i>	7.12	
			<i>For &gt;1,000 To 2,000, Add</i>	3.56	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	11.74	
			<i>For No Interior Partitions, Deduct</i>	-8.90	
02 41 16 13-0009	CCF		By Machine, Steel Framed Building Demolition .....	22.31	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-1.67	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-3.35	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-5.02	
			<i>For Up To 500, Add</i>	6.69	
			<i>For &gt;500 To 1,000, Add</i>	4.46	
			<i>For &gt;1,000 To 2,000, Add</i>	2.23	
			<i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i>	3.35	
			<i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i>	5.58	
			<i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i>	7.81	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	7.36	
			<i>For No Interior Partitions, Deduct</i>	-5.58	
02 41 16 13-0010			<b>Reinforced Concrete Building Demolition</b> (02 41 16 13-0006) .....	44.65	
02 41 16 13-0011	CCF		By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition .....	44.65	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-3.35	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-6.70	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-10.05	
			<i>For Up To 500, Add</i>	13.40	
			<i>For &gt;500 To 1,000, Add</i>	8.93	
			<i>For &gt;1,000 To 2,000, Add</i>	4.47	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	14.73	
			<i>For No Interior Partitions, Deduct</i>	-11.16	
02 41 16 13-0012	CCF		By Machine, Reinforced Concrete Building Demolition .....	29.45	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-2.21	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-4.42	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-6.63	
			<i>For Up To 500, Add</i>	8.84	
			<i>For &gt;500 To 1,000, Add</i>	5.89	
			<i>For &gt;1,000 To 2,000, Add</i>	2.95	
			<i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i>	4.42	
			<i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i>	7.36	
			<i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i>	10.31	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	9.72	
			<i>For No Interior Partitions, Deduct</i>	-7.36	
02 41 16 13-0013			<b>Masonry Construction Building Demolition</b> (02 41 16 13-0006) .....	31.38	
02 41 16 13-0014	CCF		By Pneumatic Tools/Hand, Masonry Construction Building Demolition .....	31.38	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-2.35	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-4.71	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-7.06	
			<i>For Up To 500, Add</i>	9.41	
			<i>For &gt;500 To 1,000, Add</i>	6.28	
			<i>For &gt;1,000 To 2,000, Add</i>	3.14	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	10.36	
			<i>For No Interior Partitions, Deduct</i>	-7.85	
02 41 16 13-0015	CCF		By Machine, Masonry Construction Building Demolition .....	20.02	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-1.50	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-3.00	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-4.50	
			<i>For Up To 500, Add</i>	6.01	
			<i>For &gt;500 To 1,000, Add</i>	4.00	
			<i>For &gt;1,000 To 2,000, Add</i>	2.00	
			<i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i>	3.00	
			<i>For Work &gt;6 Stories To 10 Stories (Exclude Volume Below), Add</i>	5.01	
			<i>For Work &gt;10 Stories To 15 Stories (Exclude Volume Below), Add</i>	7.01	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	6.61	
			<i>For No Interior Partitions, Deduct</i>	-5.01	
02 41 16 13-0016			<b>Wood Frame Construction Building Demolition</b> (02 41 16 13-0006) .....	27.27	
02 41 16 13-0017	CCF		By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition .....	27.27	
			<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-2.05	
			<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-4.09	
			<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-6.14	
			<i>For Up To 500, Add</i>	8.18	
			<i>For &gt;500 To 1,000, Add</i>	5.45	
			<i>For &gt;1,000 To 2,000, Add</i>	2.73	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	9.00	
			<i>For No Interior Partitions, Deduct</i>	-6.82	



		<b>Existing Conditions</b>	<b>02</b>
		<b>Demolition And Structure Moving</b>	<b>02 40</b>
		Demolition	02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition.....	17.13	
<i>For Floor-To-Floor Heights &gt;12' To 15', Deduct</i>	-1.28	
<i>For Floor-To-Floor Heights &gt;15' To 18', Deduct</i>	-2.57	
<i>For Floor-To-Floor Heights &gt;18' To 21', Deduct</i>	-3.85	
<i>For Up To 500, Add</i>	5.14	
<i>For &gt;500 To 1,000, Add</i>	3.43	
<i>For &gt;1,000 To 2,000, Add</i>	1.71	
<i>For Work &gt;3 Stories To 6 Stories (Exclude Volume Below), Add</i>	2.57	
<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	5.65	
<i>For No Interior Partitions, Deduct</i>	-4.28	
<b>02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)</b>		
Note: Per building volume.		
02 41 16 13-0020 CCF Sorting Of Material Debris For Recycling Prior To Hauling Off.....	4.27	
<i>For Up To 500, Add</i>	1.28	
<i>For &gt;500 To 1,000, Add</i>	0.85	
<i>For &gt;1,000 To 2,000, Add</i>	0.43	
<b>02 41 16 13-0021 Building Foundations And Structures Demolition (02 41 16 13)</b>		
Note: Excludes earthwork.		
<b>02 41 16 13-0022 Concrete Foundation Demolition (02 41 16 13-0021)</b>		
02 41 16 13-0023 CF Non Reinforced Concrete Foundation Demolition.....	6.78	
02 41 16 13-0024 SF 4" Thick Non Reinforced Concrete Foundation Wall Demolition.....	2.91	
02 41 16 13-0025 SF 6" Thick Non Reinforced Concrete Foundation Wall Demolition.....	3.88	
02 41 16 13-0026 SF 8" Thick Non Reinforced Concrete Foundation Wall Demolition.....	4.84	
02 41 16 13-0027 SF 10" Thick Non Reinforced Concrete Foundation Wall Demolition.....	5.81	
02 41 16 13-0028 SF 12" Thick Non Reinforced Concrete Foundation Wall Demolition.....	6.78	
02 41 16 13-0029 SF 16" Thick Non Reinforced Concrete Foundation Wall Demolition.....	7.75	
02 41 16 13-0030 CF Reinforced Concrete Foundation Demolition.....	8.15	
02 41 16 13-0031 SF 4" Thick Reinforced Concrete Foundation Wall Demolition.....	3.49	
02 41 16 13-0032 SF 6" Thick Reinforced Concrete Foundation Wall Demolition.....	4.66	
02 41 16 13-0033 SF 8" Thick Reinforced Concrete Foundation Wall Demolition.....	5.81	
02 41 16 13-0034 SF 10" Thick Reinforced Concrete Foundation Wall Demolition.....	6.89	
02 41 16 13-0035 SF 12" Thick Reinforced Concrete Foundation Wall Demolition.....	8.15	
02 41 16 13-0036 SF 16" Thick Reinforced Concrete Foundation Wall Demolition.....	9.30	
<b>02 41 16 13-0037 Concrete Block Foundation Wall Demolition (02 41 16 13-0021)</b>		
02 41 16 13-0038 SF 4" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	2.14	
02 41 16 13-0039 SF 6" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	2.28	
02 41 16 13-0040 SF 8" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	2.57	
02 41 16 13-0041 SF 10" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	2.96	
02 41 16 13-0042 SF 12" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	3.29	
02 41 16 13-0043 SF 16" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	4.12	
02 41 16 13-0044 SF 4" Thick Reinforced Concrete Block Foundation Wall Demolition.....	2.55	
02 41 16 13-0045 SF 6" Thick Reinforced Concrete Block Foundation Wall Demolition.....	2.74	
02 41 16 13-0046 SF 8" Thick Reinforced Concrete Block Foundation Wall Demolition.....	3.08	
02 41 16 13-0047 SF 10" Thick Reinforced Concrete Block Foundation Wall Demolition.....	3.55	
02 41 16 13-0048 SF 12" Thick Reinforced Concrete Block Foundation Wall Demolition.....	3.95	
02 41 16 13-0049 SF 16" Thick Reinforced Concrete Block Foundation Wall Demolition.....	4.94	
<b>02 41 16 13-0050 Brick Foundation Wall Demolition (02 41 16 13-0021)</b>		
02 41 16 13-0051 SF 4" Thick Brick Foundation Wall Demolition.....	2.14	
02 41 16 13-0052 SF 6" Thick Brick Foundation Wall Demolition.....	2.28	
02 41 16 13-0053 SF 8" Thick Brick Foundation Wall Demolition.....	2.57	
02 41 16 13-0054 SF 10" Thick Brick Foundation Wall Demolition.....	2.96	
02 41 16 13-0055 SF 12" Thick Brick Foundation Wall Demolition.....	3.29	
02 41 16 13-0056 SF 16" Thick Brick Foundation Wall Demolition.....	4.12	
<b>02 41 16 13-0057 Stone Foundation Demolition (02 41 16 13-0021)</b>		
02 41 16 13-0058 CF Stone Footing Or Foundation Wall Demolition.....	6.78	
<b>02 41 16 13-0059 Other Foundation Demolition (02 41 16 13-0021)</b>		
02 41 16 13-0060 CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition.....	7.17	
Note: Includes excavation.		
02 41 16 13-0061 CF Demolish Concrete Storm Water Structures.....	5.27	
<b>02 41 19 Selective Demolition (02 41)</b>		
<b>02 41 19 13 Selective Building Demolition (02 41 19)</b>		
02 41 19 13-0001 Exterior Masonry Removal (02 41 19 13)		
02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0001)		
02 41 19 13-0003 VLF 8" x 8" Masonry Column Removal.....	6.60	

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

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MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal .....		10.31	
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal .....		13.20	
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal .....		16.54	
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal .....		20.30	
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square .....		11.41	
<b>02 41 19 13-0009</b>		<b>Masonry Chimney Removal</b> (02 41 19 13-0001)			
02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		13.38	
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		10.05	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		7.68	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		5.33	
<b>02 41 19 13-0014</b>		<b>Remove And Reset Precast, Stone Or Masonry Coping</b> (02 41 19 13-0001)			
		Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0043 for saw cutting.			
02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		9.79	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		14.49	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		27.36	
<b>02 41 19 13-0018</b>		<b>Facade Removal</b> (02 41 19 13-0001)			
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0043 for saw cutting.			
02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal .....		2.51	
		For Cleaning and Storage For Reuse, Add		1.88	
<b>02 41 19 13-0020</b>		<b>Exterior Masonry Removal</b> (02 41 19 13-0001)			
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0043 for saw cutting.			
02 41 19 13-0021	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall .....		2.21	
02 41 19 13-0022	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall .....		2.49	
02 41 19 13-0023	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall .....		3.01	
02 41 19 13-0024	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall .....		3.29	
02 41 19 13-0025	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall .....		3.61	
02 41 19 13-0026	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall .....		4.53	
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall .....		2.62	
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall .....		2.99	
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall .....		3.61	
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall .....		3.95	
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall .....		4.34	
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall .....		5.43	
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall .....		2.21	
		For Cleaning and Storage For Reuse, Add		1.66	
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall .....		2.49	
		For Cleaning and Storage For Reuse, Add		1.87	
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall .....		3.01	
		For Cleaning and Storage For Reuse, Add		2.26	
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall .....		3.29	
		For Cleaning and Storage For Reuse, Add		2.47	
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall .....		3.61	
		For Cleaning and Storage For Reuse, Add		2.71	
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall .....		4.53	
		For Cleaning and Storage For Reuse, Add		3.40	
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal .....		6.43	
		For Cleaning and Storage For Reuse, Add		4.82	
<b>02 41 19 13-0040</b>		<b>Roofing Removal</b> (02 41 19 13)			
<b>02 41 19 13-0041</b>		<b>Clay Tile Roof Remove And Salvage For Re-use</b> (02 41 19 13-0040)			
		Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.			
02 41 19 13-0042	SQ	Remove Clay Roof Tile, Salvage For Re-use .....		129.63	
<b>02 41 19 13-0043</b>		<b>Saw Cutting</b> (02 41 19 13)			
		Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.			
02 41 19 13-0044	LF	Saw Cut Bituminous Paving Up To 4" Depth .....		1.24	
		For Each Additional Pass (Depth To 3"), Add		0.44	
		For >250, Deduct		-0.11	
02 41 19 13-0045	LF	Saw Cut Brick Masonry Up To 4" Depth .....		3.96	
		For Each Additional Pass (Depth To 3"), Add		1.52	
		For >250, Deduct		-0.38	





<b>Existing Conditions</b>		<b>02</b>
<b>Demolition And Structure Moving</b>		<b>02 40</b>
Demolition		02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0046 LF Saw Cut Concrete Block Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	3.63 1.39 -0.34	
02 41 19 13-0047 LF Saw Cut Concrete Slab Or Paving Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	1.48 0.52 -0.12	
02 41 19 13-0048 LF Saw Cut Welded Wire Reinforced Concrete Slab Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	1.90 0.67 -0.16	
02 41 19 13-0049 LF Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	2.90 1.07 -0.26	
02 41 19 13-0050 LF Saw Cut Plain Concrete Walls Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	5.02 1.94 -0.48	
02 41 19 13-0051 LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	6.73 2.60 -0.64	
02 41 19 13-0052 LF Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	1.34 0.47 -0.11	
02 41 19 13-0053 LF Saw Cut Igneous Stone Pavements Up To 4" Depth..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	3.67 1.40 -0.34	
02 41 19 13-0054 LF Saw Cut Sedimentary Stone Pavements Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	3.67 1.40 -0.34	
02 41 19 13-0055 LF Saw Cut Metamorphic Stone Pavements Up To 4" Depth..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	3.67 1.40 -0.34	
02 41 19 13-0056 LF Saw Cut Terrazzo Stone Pavements Up To 4" Depth ..... <i>For Each Additional Pass (Depth To 3"), Add</i> <i>For &gt;250, Deduct</i>	3.67 1.40 -0.34	
02 41 19 13-0057 EA Saw Cut Minimum Charge ..... Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	483.88	
<b>02 41 19 13-0058 Torch Cutting</b> <small>(02 41 19 13)</small> Note: Includes grinding edge		
02 41 19 13-0059 LF Up To 1/2", Torch Cut Steel Plate.....	1.89	
02 41 19 13-0060 LF >1/2" To 1" Thick, Torch Cut Steel Plate .....	3.76	
02 41 19 13-0061 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate .....	5.65	
02 41 19 13-0062 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate .....	7.54	
02 41 19 13-0063 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate .....	9.42	
02 41 19 13-0064 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate .....	11.30	
02 41 19 13-0065 EA Torch Cutting Minimum Charge .....	587.74	
Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
<b>02 41 19 13-0066 Drilling</b> <small>(02 41 19 13)</small> Note: Includes drill bit wear, water, layout, set-up and clean-up.		
<b>02 41 19 13-0067 Concrete Core Drilling</b> <small>(02 41 19 13-0066)</small>		
<b>02 41 19 13-0068 Up To 4" Thick Concrete Core Drilling</b> <small>(02 41 19 13-0067)</small>		
02 41 19 13-0069 EA Drill 2" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.53 4.35 8.70	
02 41 19 13-0070 EA Drill 3" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.14 6.21 12.42	
02 41 19 13-0071 EA Drill 4" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	48.47 8.32 16.65	
02 41 19 13-0072 EA Drill 6" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.22 9.32 18.64	
02 41 19 13-0073 EA Drill 8" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	86.37 14.91 29.82	
02 41 19 13-0074 EA Drill 10" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	109.32 18.64 37.27	
02 41 19 13-0075 EA Drill 12" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	128.05 21.74 43.49	
02 41 19 13-0076 EA Drill 14" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	147.24 24.85 49.69	
02 41 19 13-0077 EA Drill 18" Diameter Core In Up To 4" Concrete..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	169.32 27.95 55.90	

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0078			<b>&gt;4" To 6" Thick Concrete Core Drilling</b> (02 41 19 13-0067)		
02 41 19 13-0079	EA		Drill 2" Diameter Core In >4" To 6" Concrete .....	36.85	
			<i>For Horizontal Cores, Add</i>	6.21	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.42	
02 41 19 13-0080	EA		Drill 3" Diameter Core In >4" To 6" Concrete .....	45.23	
			<i>For Horizontal Cores, Add</i>	7.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.91	
02 41 19 13-0081	EA		Drill 4" Diameter Core In >4" To 6" Concrete .....	57.12	
			<i>For Horizontal Cores, Add</i>	9.32	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.64	
02 41 19 13-0082	EA		Drill 6" Diameter Core In >4" To 6" Concrete .....	75.22	
			<i>For Horizontal Cores, Add</i>	12.42	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.85	
02 41 19 13-0083	EA		Drill 8" Diameter Core In >4" To 6" Concrete .....	111.07	
			<i>For Horizontal Cores, Add</i>	18.64	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.27	
02 41 19 13-0084	EA		Drill 10" Diameter Core In >4" To 6" Concrete .....	132.85	
			<i>For Horizontal Cores, Add</i>	21.74	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.49	
02 41 19 13-0085	EA		Drill 12" Diameter Core In >4" To 6" Concrete .....	153.15	
			<i>For Horizontal Cores, Add</i>	24.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	49.69	
02 41 19 13-0086	EA		Drill 14" Diameter Core In >4" To 6" Concrete .....	174.91	
			<i>For Horizontal Cores, Add</i>	27.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.90	
02 41 19 13-0087	EA		Drill 18" Diameter Core In >4" To 6" Concrete .....	200.82	
			<i>For Horizontal Cores, Add</i>	31.06	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.12	
02 41 19 13-0088			<b>&gt;6" To 8" Thick Concrete Core Drilling</b> (02 41 19 13-0067)		
02 41 19 13-0089	EA		Drill 2" Diameter Core In >6" To 8" Concrete .....	42.05	
			<i>For Horizontal Cores, Add</i>	6.83	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.67	
02 41 19 13-0090	EA		Drill 3" Diameter Core In >6" To 8" Concrete .....	51.20	
			<i>For Horizontal Cores, Add</i>	8.07	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.15	
02 41 19 13-0091	EA		Drill 4" Diameter Core In >6" To 8" Concrete .....	67.00	
			<i>For Horizontal Cores, Add</i>	10.56	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.12	
02 41 19 13-0092	EA		Drill 6" Diameter Core In >6" To 8" Concrete .....	92.12	
			<i>For Horizontal Cores, Add</i>	14.91	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.82	
02 41 19 13-0093	EA		Drill 8" Diameter Core In >6" To 8" Concrete .....	148.20	
			<i>For Horizontal Cores, Add</i>	24.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	49.69	
02 41 19 13-0094	EA		Drill 10" Diameter Core In >6" To 8" Concrete .....	171.87	
			<i>For Horizontal Cores, Add</i>	27.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.90	
02 41 19 13-0095	EA		Drill 12" Diameter Core In >6" To 8" Concrete .....	193.79	
			<i>For Horizontal Cores, Add</i>	31.06	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.12	
02 41 19 13-0096	EA		Drill 14" Diameter Core In >6" To 8" Concrete .....	218.08	
			<i>For Horizontal Cores, Add</i>	34.16	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	68.32	
02 41 19 13-0097	EA		Drill 18" Diameter Core In >6" To 8" Concrete .....	247.87	
			<i>For Horizontal Cores, Add</i>	37.27	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	74.54	
02 41 19 13-0098			<b>&gt;8" To 10" Thick Concrete Core Drilling</b> (02 41 19 13-0067)		
02 41 19 13-0099	EA		Drill 2" Diameter Core In >8" To 10" Concrete .....	50.32	
			<i>For Horizontal Cores, Add</i>	8.07	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.15	
02 41 19 13-0100	EA		Drill 3" Diameter Core In >8" To 10" Concrete .....	60.30	
			<i>For Horizontal Cores, Add</i>	9.32	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.64	
02 41 19 13-0101	EA		Drill 4" Diameter Core In >8" To 10" Concrete .....	70.68	
			<i>For Horizontal Cores, Add</i>	10.56	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.12	
02 41 19 13-0102	EA		Drill 6" Diameter Core In >8" To 10" Concrete .....	96.60	
			<i>For Horizontal Cores, Add</i>	14.91	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.82	
02 41 19 13-0103	EA		Drill 8" Diameter Core In >8" To 10" Concrete .....	154.27	
			<i>For Horizontal Cores, Add</i>	24.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	49.69	
02 41 19 13-0104	EA		Drill 10" Diameter Core In >8" To 10" Concrete .....	179.86	
			<i>For Horizontal Cores, Add</i>	27.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.90	
02 41 19 13-0105	EA		Drill 12" Diameter Core In >8" To 10" Concrete .....	203.35	
			<i>For Horizontal Cores, Add</i>	31.05	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0106 EA Drill 14" Diameter Core In >8" To 10" Concrete.....	230.22	
For Horizontal Cores, Add	34.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	68.32	
02 41 19 13-0107 EA Drill 18" Diameter Core In >8" To 10" Concrete.....	263.80	
For Horizontal Cores, Add	37.26	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	74.52	
<b>02 41 19 13-0108 &gt;10" To 12" Thick Concrete Core Drilling (02 41 19 13-0067)</b>		
02 41 19 13-0109 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	55.52	
For Horizontal Cores, Add	8.70	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	17.40	
02 41 19 13-0110 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	63.17	
For Horizontal Cores, Add	9.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.64	
02 41 19 13-0111 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	83.67	
For Horizontal Cores, Add	12.42	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	24.85	
02 41 19 13-0112 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	107.28	
For Horizontal Cores, Add	16.15	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	32.30	
02 41 19 13-0113 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	166.56	
For Horizontal Cores, Add	26.09	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	52.18	
02 41 19 13-0114 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	187.85	
For Horizontal Cores, Add	27.95	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	55.90	
02 41 19 13-0115 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	219.20	
For Horizontal Cores, Add	32.30	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	64.61	
<b>02 41 19 13-0116 &gt;12" Thick Concrete Core Drilling (02 41 19 13-0067)</b>		
02 41 19 13-0117 IN Drill 2" Diameter Core In >12" Concrete.....	6.31	
For Horizontal Cores, Add	1.06	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	2.12	
02 41 19 13-0118 IN Drill 3" Diameter Core In >12" Concrete.....	7.20	
For Horizontal Cores, Add	1.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	2.33	
02 41 19 13-0119 IN Drill 4" Diameter Core In >12" Concrete.....	9.56	
For Horizontal Cores, Add	1.55	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.10	
02 41 19 13-0120 IN Drill 6" Diameter Core In >12" Concrete.....	12.31	
For Horizontal Cores, Add	2.02	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.04	
02 41 19 13-0121 IN Drill 8" Diameter Core In >12" Concrete.....	19.33	
For Horizontal Cores, Add	3.26	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.53	
02 41 19 13-0122 IN Drill 10" Diameter Core In >12" Concrete.....	21.56	
For Horizontal Cores, Add	3.51	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	7.02	
02 41 19 13-0123 IN Drill 12" Diameter Core In >12" Concrete.....	25.01	
For Horizontal Cores, Add	4.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	8.08	
<b>02 41 19 13-0124 Brick/Concrete Block Core Drilling (02 41 19 13-0066)</b>		
<b>02 41 19 13-0125 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0126 EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	21.18	
For Horizontal Cores, Add	3.48	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.96	
02 41 19 13-0127 EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	29.93	
For Horizontal Cores, Add	4.97	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	9.94	
02 41 19 13-0128 EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	40.15	
For Horizontal Cores, Add	6.66	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.32	
02 41 19 13-0129 EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	45.90	
For Horizontal Cores, Add	7.45	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.91	
02 41 19 13-0130 EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	71.46	
For Horizontal Cores, Add	11.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.86	
02 41 19 13-0131 EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	90.68	
For Horizontal Cores, Add	14.91	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.82	
02 41 19 13-0132 EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	106.30	
For Horizontal Cores, Add	17.39	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.79	
02 41 19 13-0133 EA Drill 14" Diameter Core In Up To 4" Brick/Concrete Block.....	122.39	
For Horizontal Cores, Add	19.88	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.75	

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0134	EA		Drill 18" Diameter Core In Up To 4" Brick/Concrete Block .....	141.36	
			<i>For Horizontal Cores, Add</i> .....	22.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	44.72	
<b>02 41 19 13-0135</b>			<b>&gt;4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0136	EA		Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block .....	30.65	
			<i>For Horizontal Cores, Add</i> .....	4.97	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	9.94	
02 41 19 13-0137	EA		Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block .....	37.77	
			<i>For Horizontal Cores, Add</i> .....	5.96	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	11.92	
02 41 19 13-0138	EA		Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block .....	47.80	
			<i>For Horizontal Cores, Add</i> .....	7.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	14.91	
02 41 19 13-0139	EA		Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block .....	62.79	
			<i>For Horizontal Cores, Add</i> .....	9.94	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	19.88	
02 41 19 13-0140	EA		Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block .....	92.43	
			<i>For Horizontal Cores, Add</i> .....	14.91	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	29.82	
02 41 19 13-0141	EA		Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block .....	111.10	
			<i>For Horizontal Cores, Add</i> .....	17.39	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	34.79	
02 41 19 13-0142	EA		Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block .....	128.30	
			<i>For Horizontal Cores, Add</i> .....	19.88	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	39.75	
02 41 19 13-0143	EA		Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block .....	146.95	
			<i>For Horizontal Cores, Add</i> .....	22.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	44.72	
02 41 19 13-0144	EA		Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block .....	169.76	
			<i>For Horizontal Cores, Add</i> .....	24.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	49.69	
<b>02 41 19 13-0145</b>			<b>&gt;6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0146	EA		Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block .....	35.22	
			<i>For Horizontal Cores, Add</i> .....	5.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	10.94	
02 41 19 13-0147	EA		Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block .....	43.13	
			<i>For Horizontal Cores, Add</i> .....	6.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	12.92	
02 41 19 13-0148	EA		Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block .....	56.44	
			<i>For Horizontal Cores, Add</i> .....	8.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	16.90	
02 41 19 13-0149	EA		Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block .....	77.21	
			<i>For Horizontal Cores, Add</i> .....	11.93	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	23.86	
02 41 19 13-0150	EA		Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block .....	123.35	
			<i>For Horizontal Cores, Add</i> .....	19.88	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	39.75	
02 41 19 13-0151	EA		Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block .....	143.91	
			<i>For Horizontal Cores, Add</i> .....	22.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	44.72	
02 41 19 13-0152	EA		Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block .....	162.73	
			<i>For Horizontal Cores, Add</i> .....	24.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	49.69	
02 41 19 13-0153	EA		Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block .....	183.92	
			<i>For Horizontal Cores, Add</i> .....	27.33	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	54.65	
02 41 19 13-0154	EA		Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block .....	210.60	
			<i>For Horizontal Cores, Add</i> .....	29.82	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	59.64	
<b>02 41 19 13-0155</b>			<b>&gt;8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0156	EA		Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block .....	42.25	
			<i>For Horizontal Cores, Add</i> .....	6.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	12.92	
02 41 19 13-0157	EA		Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block .....	50.98	
			<i>For Horizontal Cores, Add</i> .....	7.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	14.91	
02 41 19 13-0158	EA		Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block .....	60.12	
			<i>For Horizontal Cores, Add</i> .....	8.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	16.90	
02 41 19 13-0159	EA		Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block .....	81.69	
			<i>For Horizontal Cores, Add</i> .....	11.93	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	23.86	
02 41 19 13-0160	EA		Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block .....	129.42	
			<i>For Horizontal Cores, Add</i> .....	19.88	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	39.75	
02 41 19 13-0161	EA		Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block .....	151.90	
			<i>For Horizontal Cores, Add</i> .....	22.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	44.72	



		<b>Existing Conditions</b>	<b>02</b>
		<b>Demolition And Structure Moving</b>	<b>02 40</b>
		Demolition	02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0162 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	172.30 24.84 49.68	
02 41 19 13-0163 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	196.06 27.33 54.65	
02 41 19 13-0164 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	226.54 29.81 59.62	
<b>02 41 19 13-0165 &gt;10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0166 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	46.82 6.96 13.92	
02 41 19 13-0167 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	53.85 7.45 14.91	
02 41 19 13-0168 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.24 9.94 19.88	
02 41 19 13-0169 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.13 12.92 25.84	
02 41 19 13-0170 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	140.46 20.87 41.74	
02 41 19 13-0171 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	159.89 22.36 44.72	
02 41 19 13-0172 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	186.89 25.84 51.68	
<b>02 41 19 13-0173 &gt;12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0124)</b>		
02 41 19 13-0174 IN Drill 2" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.25 0.85 1.70	
02 41 19 13-0175 IN Drill 3" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	6.04 0.93 1.86	
02 41 19 13-0176 IN Drill 4" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	8.01 1.24 2.48	
02 41 19 13-0177 IN Drill 6" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.29 1.62 3.23	
02 41 19 13-0178 IN Drill 8" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.07 2.61 5.22	
02 41 19 13-0179 IN Drill 10" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.04 2.81 5.61	
02 41 19 13-0180 IN Drill 12" Diameter Core In >12" Brick/Concrete Block ..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.97 3.23 6.46	
<b>02 41 19 13-0181 Asphalt Core Drilling (02 41 19 13-0066)</b>		
<b>02 41 19 13-0182 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0181)</b>		
02 41 19 13-0183 EA Drill 1" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0184 EA Drill 1-1/2" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0185 EA Drill 2" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0186 EA Drill 3" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0187 EA Drill 4" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0188 EA Drill 6" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0189 EA Drill 8" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0190 EA Drill 10" Diameter Core In Up To 2" Asphalt ..... 02 41 19 13-0191 EA Drill 12" Diameter Core In Up To 2" Asphalt .....	9.23 11.59 14.49 18.08 22.81 28.69 36.01 44.54 55.46	
<b>02 41 19 13-0192 &gt;2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0181)</b>		
02 41 19 13-0193 EA Drill 1" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0194 EA Drill 1-1/2" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0195 EA Drill 2" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0196 EA Drill 3" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0197 EA Drill 4" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0198 EA Drill 6" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0199 EA Drill 8" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0200 EA Drill 10" Diameter Core In >2" To 3" Asphalt ..... 02 41 19 13-0201 EA Drill 12" Diameter Core In >2" To 3" Asphalt .....	11.51 14.94 18.38 23.10 28.98 36.53 45.61 56.91 70.65	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0202			<b>&gt;3" To 4" Thick Asphalt Core Drilling</b> (02 41 19 13-0181)		
02 41 19 13-0203	EA		Drill 1" Diameter Core In >3" To 4" Asphalt.....	15.02	
02 41 19 13-0204	EA		Drill 1-1/2" Diameter Core In >3" To 4" Asphalt.....	19.15	
02 41 19 13-0205	EA		Drill 2" Diameter Core In >3" To 4" Asphalt.....	23.72	
02 41 19 13-0206	EA		Drill 3" Diameter Core In >3" To 4" Asphalt.....	29.67	
02 41 19 13-0207	EA		Drill 4" Diameter Core In >3" To 4" Asphalt.....	37.46	
02 41 19 13-0208	EA		Drill 6" Diameter Core In >3" To 4" Asphalt.....	46.84	
02 41 19 13-0209	EA		Drill 8" Diameter Core In >3" To 4" Asphalt.....	59.08	
02 41 19 13-0210	EA		Drill 10" Diameter Core In >3" To 4" Asphalt.....	73.30	
02 41 19 13-0211	EA		Drill 12" Diameter Core In >3" To 4" Asphalt.....	91.13	
02 41 19 13-0212			<b>&gt;4" To 6" Thick Asphalt Core Drilling</b> (02 41 19 13-0181)		
02 41 19 13-0213	EA		Drill 1" Diameter Core In >4" To 6" Asphalt.....	19.89	
02 41 19 13-0214	EA		Drill 1-1/2" Diameter Core In >4" To 6" Asphalt.....	24.73	
02 41 19 13-0215	EA		Drill 2" Diameter Core In >4" To 6" Asphalt.....	30.52	
02 41 19 13-0216	EA		Drill 3" Diameter Core In >4" To 6" Asphalt.....	39.08	
02 41 19 13-0217	EA		Drill 4" Diameter Core In >4" To 6" Asphalt.....	48.86	
02 41 19 13-0218	EA		Drill 6" Diameter Core In >4" To 6" Asphalt.....	60.77	
02 41 19 13-0219	EA		Drill 8" Diameter Core In >4" To 6" Asphalt.....	76.99	
02 41 19 13-0220	EA		Drill 10" Diameter Core In >4" To 6" Asphalt.....	95.36	
02 41 19 13-0221	EA		Drill 12" Diameter Core In >4" To 6" Asphalt.....	118.73	
02 41 19 13-0222			<b>Manhole Core Drilling</b> (02 41 19 13-0066)		
02 41 19 13-0223	EA		Drill 4" Diameter Core In 6" Brick Manhole.....	100.29	
02 41 19 13-0224	EA		Drill 5" Diameter Core In 6" Brick Manhole.....	114.49	
02 41 19 13-0225	EA		Drill 6" Diameter Core In 6" Brick Manhole.....	133.02	
02 41 19 13-0226	EA		Drill 8" Diameter Core In 6" Brick Manhole.....	198.34	
02 41 19 13-0227	EA		Drill 2" Diameter Core In 8" Concrete Manhole.....	132.81	
02 41 19 13-0228	EA		Drill 3" Diameter Core In 8" Concrete Manhole.....	143.73	
02 41 19 13-0229	EA		Drill 4" Diameter Core In 8" Concrete Manhole.....	160.39	
02 41 19 13-0230	EA		Drill 5" Diameter Core In 8" Concrete Manhole.....	172.73	
02 41 19 13-0231	EA		Drill 6" Diameter Core In 8" Concrete Manhole.....	203.64	
02 41 19 13-0232	EA		Drill 8" Diameter Core In 8" Concrete Manhole.....	289.78	
02 41 19 13-0233	EA		Drill 2" Diameter Core In Fiberglass Manhole.....	12.54	
02 41 19 13-0234	EA		Drill 3" Diameter Core In Fiberglass Manhole.....	14.53	
02 41 19 13-0235	EA		Drill 4" Diameter Core In Fiberglass Manhole.....	15.78	
02 41 19 13-0236	EA		Drill 5" Diameter Core In Fiberglass Manhole.....	17.22	
02 41 19 13-0237	EA		Drill 6" Diameter Core In Fiberglass Manhole.....	18.95	
02 41 19 13-0238	EA		Drill 8" Diameter Core In Fiberglass Manhole.....	21.09	
02 41 19 13-0239			<b>Drilling In Concrete Per Inch Of Depth</b> (02 41 19 13-0066)		
			Note: Includes layout.		
02 41 19 13-0240	IN		1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	1.08	
02 41 19 13-0241	IN		3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	1.13	
02 41 19 13-0242	IN		1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	1.20	
02 41 19 13-0243	IN		5/8" Diameter Drilling In Concrete Per Inch Of Depth.....	1.28	
02 41 19 13-0244	IN		3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	1.41	
02 41 19 13-0245	IN		7/8" Diameter Drilling In Concrete Per Inch Of Depth.....	1.52	
02 41 19 13-0246	IN		1" Diameter Drilling In Concrete Per Inch Of Depth.....	1.62	
02 41 19 13-0247	IN		1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	1.78	
02 41 19 13-0248	IN		1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	2.02	
02 41 19 13-0249			<b>Drilling In Brick/Concrete Block Per Inch Of Depth</b> (02 41 19 13-0066)		
			Note: Includes layout.		
02 41 19 13-0250	IN		1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	0.91	
02 41 19 13-0251	IN		3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	0.95	
02 41 19 13-0252	IN		1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.01	
02 41 19 13-0253	IN		5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.09	
02 41 19 13-0254	IN		3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.18	
02 41 19 13-0255	IN		7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.28	
02 41 19 13-0256	IN		1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.37	
02 41 19 13-0257	IN		1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.50	
02 41 19 13-0258	IN		1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.70	
02 41 19 13-0259			<b>Drilling In Wood Or Plastic Per Inch Of Depth</b> (02 41 19 13-0066)		
			Note: Includes layout.		
02 41 19 13-0260	IN		1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.43	
02 41 19 13-0261	IN		3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.46	
02 41 19 13-0262	IN		1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.48	
02 41 19 13-0263	IN		5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.52	
02 41 19 13-0264	IN		3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.57	
02 41 19 13-0265	IN		7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.62	
02 41 19 13-0266	IN		1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.65	
02 41 19 13-0267	IN		1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.72	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0268	IN			1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	0.82	
<b>02 41 19 13-0269</b>				<b>Limestone Core Drilling</b> (02 41 19 13-0066)		
<b>02 41 19 13-0270</b>				<b>10" To 14" Thick Limestone Core Drilling</b> (02 41 19 13-0269)		
02 41 19 13-0271	EA			Drill 1" Diameter Core In 10" To 14" Limestone .....	31.54	
02 41 19 13-0272	EA			Drill 1-1/2" Diameter Core In 10" To 14" Limestone .....	38.37	
02 41 19 13-0273	EA			Drill 2" Diameter Core In 10" To 14" Limestone .....	42.51	
02 41 19 13-0274	EA			Drill 3" Diameter Core In 10" To 14" Limestone .....	50.84	
02 41 19 13-0275	EA			Drill 4" Diameter Core In 10" To 14" Limestone .....	59.48	
02 41 19 13-0276	EA			Drill 6" Diameter Core In 10" To 14" Limestone .....	81.43	
02 41 19 13-0277	EA			Drill 8" Diameter Core In 10" To 14" Limestone .....	130.35	
<b>02 41 19 13-0278</b>				<b>15" To 18" Thick Limestone Core Drilling</b> (02 41 19 13-0269)		
02 41 19 13-0279	EA			Drill 1" Diameter Core In 15" To 18" Limestone .....	35.22	
02 41 19 13-0280	EA			Drill 1-1/2" Diameter Core In 15" To 18" Limestone .....	42.36	
02 41 19 13-0281	EA			Drill 2" Diameter Core In 15" To 18" Limestone .....	46.84	
02 41 19 13-0282	EA			Drill 3" Diameter Core In 15" To 18" Limestone .....	53.14	
02 41 19 13-0283	EA			Drill 4" Diameter Core In 15" To 18" Limestone .....	70.41	
02 41 19 13-0284	EA			Drill 6" Diameter Core In 15" To 18" Limestone .....	90.32	
02 41 19 13-0285	EA			Drill 8" Diameter Core In 15" To 18" Limestone .....	140.58	
<b>02 41 19 13-0286</b>				<b>19" To 24" Thick Limestone Core Drilling</b> (02 41 19 13-0269)		
02 41 19 13-0287	EA			Drill 1" Diameter Core In 19" To 24" Limestone .....	38.78	
02 41 19 13-0288	EA			Drill 1-1/2" Diameter Core In 19" To 24" Limestone .....	46.19	
02 41 19 13-0289	EA			Drill 2" Diameter Core In 19" To 24" Limestone .....	50.94	
02 41 19 13-0290	EA			Drill 3" Diameter Core In 19" To 24" Limestone .....	60.44	
02 41 19 13-0291	EA			Drill 4" Diameter Core In 19" To 24" Limestone .....	83.62	
02 41 19 13-0292	EA			Drill 6" Diameter Core In 19" To 24" Limestone .....	104.14	
02 41 19 13-0293	EA			Drill 8" Diameter Core In 19" To 24" Limestone .....	152.95	
<b>02 41 19 13-0294</b>				<b>Minimum Charge For Core Drilling</b> (02 41 19 13-0066)		
02 41 19 13-0295	EA			Core Drill Minimum Charge.....	387.27	
				Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".		
<b>02 41 19 13-0296</b>				<b>Cutouts</b> (02 41 19 13)		
				Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
<b>02 41 19 13-0297</b>				<b>Reinforced Concrete Slab On Grade Cutouts</b> (02 41 19 13-0296)		
02 41 19 13-0298	SF			4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	22.39	
02 41 19 13-0299	SF			6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	23.75	
02 41 19 13-0300	SF			8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	25.10	
02 41 19 13-0301	SF			10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	26.46	
02 41 19 13-0302	SF			12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	27.14	
<b>02 41 19 13-0303</b>				<b>Reinforced Concrete Elevated Slab Cutouts</b> (02 41 19 13-0296)		
				Note: Includes cutting and removing steel decking.		
02 41 19 13-0304	SF			4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	27.29	
02 41 19 13-0305	SF			6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	28.94	
02 41 19 13-0306	SF			8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	30.60	
02 41 19 13-0307	SF			10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	32.25	
02 41 19 13-0308	SF			12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	33.07	
<b>02 41 19 13-0309</b>				<b>Reinforced Concrete Wall Cutouts</b> (02 41 19 13-0296)		
02 41 19 13-0310	SF			4" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	27.99	
02 41 19 13-0311	SF			6" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	29.69	
02 41 19 13-0312	SF			8" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	31.38	
02 41 19 13-0313	SF			10" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	33.07	
02 41 19 13-0314	SF			12" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	33.93	
<b>02 41 19 13-0315</b>				<b>Brick Wall Cutouts</b> (02 41 19 13-0296)		
				Note: Excludes toothing.		
02 41 19 13-0316	SF			4" Thick Brick Wall Cutouts, <24 SF .....	8.48	
02 41 19 13-0317	SF			6" Thick Brick Wall Cutouts, <24 SF .....	13.99	
02 41 19 13-0318	SF			8" Thick Brick Wall Cutouts, <24 SF .....	19.49	
02 41 19 13-0319	SF			10" Thick Brick Wall Cutouts, <24 SF .....	23.75	
02 41 19 13-0320	SF			12" Thick Brick Wall Cutouts, <24 SF .....	28.41	
02 41 19 13-0321	SF			16" Thick Brick Wall Cutouts, <24 SF .....	33.50	

**02 Existing Conditions****02 40 Demolition And Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 19 13-0322 Concrete Block Wall Cutouts</b> (02 41 19 13-0296) Note: Excludes tothing.		
02 41 19 13-0323 SF 4" Thick Concrete Block Wall Cutouts, <24 SF .....	14.03	
02 41 19 13-0324 SF 6" Thick Concrete Block Wall Cutouts, <24 SF .....	14.86	
02 41 19 13-0325 SF 8" Thick Concrete Block Wall Cutouts, <24 SF .....	15.69	
02 41 19 13-0326 SF 10" Thick Concrete Block Wall Cutouts, <24 SF .....	16.54	
02 41 19 13-0327 SF 12" Thick Concrete Block Wall Cutouts, <24 SF .....	16.96	
02 41 19 13-0328 SF 16" Thick Concrete Block Wall Cutouts, <24 SF .....	17.81	
<b>02 41 19 13-0329 Limestone Cutouts</b> (02 41 19 13-0296)		
02 41 19 13-0330 SF 2" Thick Limestone Cutouts, <24 SF .....	23.75	
02 41 19 13-0331 SF 4" Thick Limestone Cutouts, <24 SF .....	28.83	
02 41 19 13-0332 SF 6" Thick Limestone Cutouts, <24 SF .....	30.53	
02 41 19 13-0333 SF 8" Thick Limestone Cutouts, <24 SF .....	32.23	
02 41 19 13-0334 SF 10" Thick Limestone Cutouts, <24 SF .....	33.93	
02 41 19 13-0335 SF 12" Thick Limestone Cutouts, <24 SF .....	35.62	
<b>02 41 19 13-0336 Tothing Masonry Cutouts</b> (02 41 19 13-0296) Note: For use where existing masonry must be removed in a tothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0337 VLF Brick, Soft Old Mortar, Tothing Masonry Cutouts .....	8.48	
02 41 19 13-0338 VLF Brick, Hard Mortar, Tothing Masonry Cutouts .....	11.45	
02 41 19 13-0339 VLF Concrete Block, Soft Old Mortar, Tothing Masonry Cutouts .....	5.08	
02 41 19 13-0340 VLF Concrete Block, Hard Mortar, Tothing Masonry Cutouts .....	6.78	
<b>02 41 19 13-0341 Minimum Charge For Cutouts</b> (02 41 19 13-0296) Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0342 EA Cutouts Minimum Charge .....	169.62	
<b>02 41 19 13-0343 Elevated Concrete Removal</b> (02 41 19 13)		
02 41 19 13-0344 CF Elevated Concrete Beam/Slab/Steps Removal, Reinforced .....	5.69	
<b>02 41 19 16 Selective Interior Demolition</b> (02 41 19) Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.		
<b>02 41 19 16-0001 Floor Removal</b> (02 41 19 16)		
<b>02 41 19 16-0002 Remove And Salvage For Re-Use</b> (02 41 19 16-0001) Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 41 19 16-0003 SF Remove Brick Flooring And Salvage .....	1.18	
02 41 19 16-0004 SF Remove Ceramic/Quarry Tile Floor And Salvage .....	1.18	
02 41 19 16-0005 SF Remove Terrazzo Flooring And Salvage .....	1.63	
02 41 19 16-0006 SF Remove Wood Strip Flooring And Salvage .....	0.96	
02 41 19 16-0007 SF Remove Wood Parquet Flooring And Salvage .....	0.50	
02 41 19 16-0008 SF Remove Resilient/Linoleum Flooring And Salvage .....	0.36	
<b>02 41 19 16-0009 Scarify Concrete</b> (02 41 19 16-0001) Note: Up to 1/4" removal per pass.		
02 41 19 16-0010 SF Scarify Concrete Floor .....	0.14	
02 41 19 16-0011 SF Scarify Concrete Tread And Riser .....	1.12	
02 41 19 16-0012 SF Scarify Concrete Wall .....	1.01	
<b>02 41 19 16-0013 Fireproofing Removal</b> (02 41 19 16)		
02 41 19 16-0014 SF Remove Fireproofing From Concrete Or Steel .....	0.55	
<b>02 41 19 16-0015 Demolish Ceiling</b> (02 41 19 16)		
02 41 19 16-0016 SF Demolish Drywall Ceiling .....	0.43	
02 41 19 16-0017 SF Demolish Furred Plastered Ceiling .....	1.00	
02 41 19 16-0018 SF Demolish Suspended Plastered Ceiling And Suspension System .....	0.76	
<b>02 41 19 16-0019 Demolish Concrete Stair</b> (02 41 19 16)		
02 41 19 16-0020 CF Demolish Interior Reinforced Concrete Stairs .....	3.61	
02 41 19 16-0021 CF Demolish Exterior Reinforced Concrete Stairs .....	3.15	
<b>02 41 19 16-0022 Demolish Interior Partition/Wall</b> (02 41 19 16) Note: Price includes knock down, loading, clean-up.		
<b>02 41 19 16-0023 Demolish Masonry And Concrete Interior Partition/Walls</b> (02 41 19 16-0022) Note: Includes saw cutting, knock down, loading and clean-up.		





<b>Existing Conditions</b>		<b>02</b>
<b>Demolition And Structure Moving</b>		<b>02 40</b>
Demolition		02 41

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 19 16-0024</b> Demolish Concrete Block Interior Partition/Walls <small>(02 41 19 16-0023)</small>		
02 41 19 16-0025 SF Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	2.35	
02 41 19 16-0026 SF Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	2.50	
02 41 19 16-0027 SF Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	2.82	
02 41 19 16-0028 SF Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	3.62	
02 41 19 16-0029 SF Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.53	
02 41 19 16-0030 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall.....	2.81	
02 41 19 16-0031 SF Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall.....	3.00	
02 41 19 16-0032 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall.....	3.38	
02 41 19 16-0033 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall.....	4.34	
02 41 19 16-0034 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall.....	5.43	
<b>02 41 19 16-0035</b> Demolish Brick Interior Partition/Walls <small>(02 41 19 16-0023)</small>		
02 41 19 16-0036 SF Demolish 4" Thick Brick Interior Partition/Wall.....	2.35	
02 41 19 16-0037 SF Demolish 8" Thick Brick Interior Partition/Wall.....	2.82	
02 41 19 16-0038 SF Demolish 12" Thick Brick Interior Partition/Wall.....	3.61	
02 41 19 16-0039 SF Demolish 16" Thick Brick Interior Partition/Wall.....	4.53	
<b>02 41 19 16-0040</b> Demolish Glass Block Interior Partition/Walls <small>(02 41 19 16-0023)</small>		
02 41 19 16-0041 SF Demolish Glass Block Interior Partition/Walls.....	2.01	
<b>02 41 19 16-0042</b> Demolish Concrete Interior Partition/Walls <small>(02 41 19 16-0023)</small>		
See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0043 SF Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall.....	4.26	
02 41 19 16-0044 SF Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall.....	5.33	
02 41 19 16-0045 SF Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall.....	7.45	
02 41 19 16-0046 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	5.11	
02 41 19 16-0047 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....	6.43	
02 41 19 16-0048 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....	8.95	
<b>02 41 19 16-0049</b> Demolish Terra-Cotta Block Interior Partition/Walls <small>(02 41 19 16-0023)</small>		
02 41 19 16-0050 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster.....	0.80	
<b>02 41 19 16-0051</b> Demolish Stud Framed Interior Partition/Walls <small>(02 41 19 16-0022)</small>		
Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0052 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side.....	1.41	
For Heights >14' To 20', Add	0.21	
For Heights >20', Add	0.28	
02 41 19 16-0053 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	1.64	
For Heights >14' To 20', Add	0.25	
For Heights >20', Add	0.33	
02 41 19 16-0054 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	1.81	
For Heights >14' To 20', Add	0.27	
For Heights >20', Add	0.36	
02 41 19 16-0055 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	2.52	
For Heights >14' To 20', Add	0.38	
For Heights >20', Add	0.50	
02 41 19 16-0056 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	0.74	
For Heights >14' To 20', Add	0.11	
For Heights >20', Add	0.15	
02 41 19 16-0057 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....	0.88	
For Heights >14' To 20', Add	0.13	
For Heights >20', Add	0.18	
<b>02 50</b> Site Remediation <small>(02)</small>		
<b>02 58</b> Snow Control <small>(02 50)</small>		
<b>02 58 13</b> Snow Fencing <small>(02 58)</small>		
<b>02 58 13 00-0001</b> Snow/Sand Fence On Steel Posts <small>(02 58 13)</small>		
02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence.....	3.60	0.94
<b>02 60</b> Contaminated Site Material Removal <small>(02)</small>		
<b>02 65</b> Underground Storage Tank Removal <small>(02 60)</small>		
Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0029 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.		
<b>02 65 00 00-0001</b> Removal Of Sludge From Tanks Or Structures <small>(02 65)</small>		
<b>02 65 00 00-0002</b> Remove And Dispose Of Liquid From Tank <small>(02 65 00 00-0001)</small>		
02 65 00 00-0003 GAL Remove and Dispose of Hazardous Liquids.....	1.04	

<b>02</b>	<b>02 Existing Conditions</b>
	<b>02 60 Contaminated Site Material Removal</b>
	<b>02 65 Underground Storage Tank Removal</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 65 00 00-0004 GAL Remove And Dispose Of Non-Hazardous Liquid.....0.68

**02 65 00 00-0005 Sludge Removal** (02 65 00 00-0001)

02 65 00 00-0006 GAL Remove And Dispose Of Hazardous Solids Or Sludge .....3.22  
 02 65 00 00-0007 GAL Remove And Dispose Of Non-Hazardous Solids Or Sludge.....0.81

**02 80 Facility Remediation** (02)

**02 81 Transportation And Disposal Of Hazardous Materials** (02 80)

**02 81 00 00-0001 Hazardous Material Disposal** (02 81)

02 81 00 00-0002 TON Bulk Hazardous Material Landfill Cost .....208.81

**02 82 Asbestos Remediation** (02 80)

Note: Tasks include materials, equipment (e.g. ladders, high volume vacuum with sound suppression system where required, etc.), mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, HEPA vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, fees, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there are tasks with a unit of measure of EA for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 74 19 00-0029 for hauling in excess of 25 miles to transfer or disposal site, 02 81 00 00-0000 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0012 for plastic sheeting for containment construction, 02 89 00 00-0019 for decontamination chambers.

**02 82 13 Asbestos Abatement** (02 82)

**02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing** (02 82 13)

Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002 HR Bulk Sampling Or Air Monitoring, Asbestos Testing.....44.36  
 02 82 13 00-0003 EA 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....30.50  
 02 82 13 00-0004 EA Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....35.76  
 02 82 13 00-0005 EA Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....56.79  
 02 82 13 00-0006 EA 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing.....97.81  
 02 82 13 00-0007 EA Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing .....118.84  
 02 82 13 00-0008 EA 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....24.19  
 02 82 13 00-0009 EA Next Day Turnaround, (Air) PCM Test, Asbestos Testing.....29.45  
 02 82 13 00-0010 EA Same Day Turnaround, (Air) PCM Test, Asbestos Testing.....39.96  
 02 82 13 00-0011 EA 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test .....30.50  
 02 82 13 00-0012 EA Next Day Turnaround, (Air Point Counting) PLM Test .....35.76  
 02 82 13 00-0013 EA Same Day Turnaround, (Air Point Counting) PLM Test .....56.79  
 02 82 13 00-0014 EA 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing .....97.81  
 02 82 13 00-0015 EA Next Day Turnaround, (Air) TEM Test, Asbestos Testing .....112.53  
 02 82 13 00-0016 EA Same Day Turnaround, (Air) TEM Test, Asbestos Testing .....156.70

**02 82 33 Removal and Disposal of Asbestos Containing Materials** (02 82)

**02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal** (02 82 33)

**02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal** (02 82 33 00-0001)

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

**02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal** (02 82 33

00-0002)  
 See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004 EA 10 To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....371.76  
*For Work In Restricted Working Space, Add 111.53*  
 02 82 33 00-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....19.01  
*For Work In Restricted Working Space, Add 5.70*  
 02 82 33 00-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....14.26  
*For Work In Restricted Working Space, Add 4.28*  
 02 82 33 00-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....10.70  
*For Work In Restricted Working Space, Add 3.21*  
 02 82 33 00-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....8.02  
*For Work In Restricted Working Space, Add 2.41*  
 02 82 33 00-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....6.98  
*For Work In Restricted Working Space, Add 2.09*

**02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal** (02 82

33 00-0002)  
 See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011 EA 10 To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....371.76  
*For Work In Restricted Working Space, Add 111.53*  
 02 82 33 00-0012 LF >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....21.86  
*For Work In Restricted Working Space, Add 6.56*



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0013 LF >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	16.39 4.92	
02 82 33 00-0014 LF >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	12.30 3.69	
02 82 33 00-0015 LF >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	9.22 2.77	
02 82 33 00-0016 LF >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	8.02 2.41	
<b>02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-0002) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0018 EA Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal ..... <i>For Work In Restricted Working Space, Add</i>	399.24 119.77	
02 82 33 00-0019 LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	59.14 17.74	
02 82 33 00-0020 LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	22.96 6.89	
02 82 33 00-0021 LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	17.22 5.17	
02 82 33 00-0022 LF >500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	12.91 3.87	
<b>02 82 33 00-0023 Demolish And Disposal Of Asbestos Pipe</b> (02 82 33)		
02 82 33 00-0024 LF Demolish And Disposal Of Up To 6", Asbestos Pipe.....	11.35	
02 82 33 00-0025 LF Demolish And Disposal Of >6 To 12", Asbestos Pipe.....	18.91	
<b>02 82 33 00-0026 Thermal Insulation, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-0027 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal</b> (02 82 33 00-0026) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0028 EA Up To 10 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0029 SF >10 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	19.01	
02 82 33 00-0030 SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	14.97	
02 82 33 00-0031 SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	11.22	
02 82 33 00-0032 SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	8.42	
<b>02 82 33 00-0033 Surfacing Material, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-0034 Fireproofing, Asbestos Abatement And Disposal</b> (02 82 33 00-0033) Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0035 EA Up To 10 SF, Fireproofing, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0036 SF >10 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	22.81	
02 82 33 00-0037 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal.....	17.10	
02 82 33 00-0038 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	12.82	
02 82 33 00-0039 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	9.62	
<b>02 82 33 00-0040 Acoustical Plaster, Asbestos Abatement And Disposal</b> (02 82 33 00-0033) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0041 EA Up To 10 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0042 SF >10 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	9.52	
02 82 33 00-0043 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	7.21	
02 82 33 00-0044 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	5.34	
02 82 33 00-0045 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	3.95	
<b>02 82 33 00-0046 Gypsum Wall Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0033)		
02 82 33 00-0047 EA Up To 10 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0048 SF >10 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	7.32	
02 82 33 00-0049 SF >500 To 2,500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	5.34	
02 82 33 00-0050 SF >2,500 To 10,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	4.18	
02 82 33 00-0051 SF >10,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal.....	3.26	
<b>02 82 33 00-0052 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0033)		
02 82 33 00-0053 EA Up To 10 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0054 SF >10 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	13.90	
02 82 33 00-0055 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	10.18	
02 82 33 00-0056 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	7.94	

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0057 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	6.18	
02 82 33 00-0058 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	4.41	
<b>02 82 33 00-0059 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0033)</b>		
02 82 33 00-0060 EA Up To 10 SF, Stucco, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0061 SF >10 To 500 SF, Stucco, Asbestos Abatement And Disposal .....	16.16	
02 82 33 00-0062 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....	12.12	
02 82 33 00-0063 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal .....	9.09	
02 82 33 00-0064 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal .....	6.81	
<b>02 82 33 00-0065 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0033)</b>		
02 82 33 00-0066 EA Up To 10 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0067 SF >10 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.20	
02 82 33 00-0068 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	4.65	
02 82 33 00-0069 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal .....	3.49	
02 82 33 00-0070 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	2.61	
<b>02 82 33 00-0071 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0033)</b>		
02 82 33 00-0072 EA Up To 10 SF, Plywood, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0073 SF >10 To 500 SF, Plywood, Asbestos Abatement And Disposal.....	7.90	
02 82 33 00-0074 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....	3.81	
02 82 33 00-0075 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....	2.57	
02 82 33 00-0076 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....	2.18	
<b>02 82 33 00-0077 Flooring Material, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0078 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0077)</b>		
<b>02 82 33 00-0079 Floor Tile Or Linoleum, Asbestos Abatement And Disposal (02 82 33 00-0078)</b>		
Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0080 EA Up To 10 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0081 SF >10 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	3.81	
For Each Additional Layer, Add	0.95	
02 82 33 00-0082 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	3.09	
For Each Additional Layer, Add	0.77	
02 82 33 00-0083 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	2.44	
For Each Additional Layer, Add	0.61	
02 82 33 00-0084 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal .....	1.65	
For Each Additional Layer, Add	0.41	
<b>02 82 33 00-0085 Carpet, Asbestos Abatement And Disposal (02 82 33 00-0078)</b>		
02 82 33 00-0086 EA Up To 10 SF, Non-Friable Carpet, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0087 SF >10 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.91	
02 82 33 00-0088 SF >500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.33	
02 82 33 00-0089 SF >2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	1.67	
02 82 33 00-0090 SF >10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	1.24	
<b>02 82 33 00-0091 Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0078)</b>		
Note: Up to 12".		
02 82 33 00-0092 EA Up To 10 LF, Wall Base And Mastic, Asbestos Abatement And Disposal .....	139.41	
02 82 33 00-0093 LF >10 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.48	
02 82 33 00-0094 LF >100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.49	
02 82 33 00-0095 LF >500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	0.93	
02 82 33 00-0096 LF >2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	0.65	
<b>02 82 33 00-0097 Mastic, Asbestos Abatement And Disposal (02 82 33 00-0077)</b>		
Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0098 EA Up To 10 SF, Mastic, Asbestos Abatement And Disposal .....	371.76	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0099 SF >10 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	0.95	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0100 SF >500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	0.70	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0101 SF >2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	0.54	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0102 SF >10,000 SF, Mastic, Asbestos Abatement And Disposal.....	0.43	
Note: Applies to bottom layer only if multiple layers.		



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0103 Roofing, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0104 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0103) Note: Includes paint, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0105 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)		
02 82 33 00-0106 EA Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0107 SF >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.97	
02 82 33 00-0108 SF >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.38	
02 82 33 00-0109 SF >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.90	
02 82 33 00-0110 SF >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.43	
02 82 33 00-0111 SF >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.06	
02 82 33 00-0112 >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)		
02 82 33 00-0113 EA Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0114 SF >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.38	
02 82 33 00-0115 SF >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.70	
02 82 33 00-0116 SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.17	
02 82 33 00-0117 SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.62	
02 82 33 00-0118 SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	1.22	
02 82 33 00-0119 >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)		
02 82 33 00-0120 EA Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0121 SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.75	
02 82 33 00-0122 SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.99	
02 82 33 00-0123 SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.41	
02 82 33 00-0124 SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.81	
02 82 33 00-0125 SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.35	
02 82 33 00-0126 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0103)		
02 82 33 00-0127 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0126)		
02 82 33 00-0128 EA Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal .....	371.76	
Note: Single or first of multiple layers.		
02 82 33 00-0129 SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.97	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.74	
02 82 33 00-0130 SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.38	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.60	
02 82 33 00-0131 SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	1.90	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.48	
02 82 33 00-0132 SF >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	1.43	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.36	
02 82 33 00-0133 SF >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	1.07	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.27	
02 82 33 00-0134 Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0135 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0134)		
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0136 EA Up To 10 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	371.76	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0137 SF >10 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.81	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0138 SF >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	1.90	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0139 SF >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1.52	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0140 SF >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	1.32	
Note: Includes detachment of mounted objects before removal.		

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0141			<b>Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0134)</small>		
02 82 33 00-0142	EA		Up To 10 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0143	LF		>10 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	3.30	
02 82 33 00-0144	SF		>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	1.69	
02 82 33 00-0145	SF		>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	1.35	
02 82 33 00-0146	SF		>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....	1.17	
02 82 33 00-0147			<b>Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0134)</small>		
02 82 33 00-0148	EA		Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	371.76	
02 82 33 00-0149	LF		>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	19.01	
02 82 33 00-0150	LF		>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	14.26	
02 82 33 00-0151	LF		>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	10.70	
02 82 33 00-0152	LF		>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	8.02	
02 82 33 00-0153	LF		>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	6.01	
02 82 33 00-0154	LF		>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal .....	5.87	
02 82 33 00-0155			<b>Exterior Transite Siding, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0134)</small>		
02 82 33 00-0156	EA		Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	371.76	
			Note: Single or first of multiple layers.		
02 82 33 00-0157	SF		>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	2.97	
			Note: Single or first of multiple layers.		
02 82 33 00-0158	SF		>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	2.38	
			Note: Single or first of multiple layers.		
02 82 33 00-0159	SF		>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	1.90	
			Note: Single or first of multiple layers.		
02 82 33 00-0160	SF		>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	1.43	
			Note: Single or first of multiple layers.		
02 82 33 00-0161	SF		>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....	1.07	
			Note: Single or first of multiple layers.		
02 82 33 00-0162			<b>Asbestos Contaminated Debris, Asbestos Abatement And Disposal</b> <small>(02 82 33)</small>		
02 82 33 00-0163			<b>Asbestos Contaminated Debris, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0162)</small>		
02 82 33 00-0164	EA		Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	371.76	
			<i>For Work In Restricted Working Space, Add</i> .....	111.53	
02 82 33 00-0165	CF		>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	36.97	
			<i>For Work In Restricted Working Space, Add</i> .....	11.09	
02 82 33 00-0166	CF		>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	24.64	
			<i>For Work In Restricted Working Space, Add</i> .....	7.39	
02 82 33 00-0167	CF		>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	18.51	
			<i>For Work In Restricted Working Space, Add</i> .....	5.55	
02 82 33 00-0168	CF		>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	14.79	
			<i>For Work In Restricted Working Space, Add</i> .....	4.44	
02 82 33 00-0169	CF		>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	12.57	
			<i>For Work In Restricted Working Space, Add</i> .....	3.77	
02 82 33 00-0170	CF		>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	11.31	
			<i>For Work In Restricted Working Space, Add</i> .....	3.39	
02 82 33 00-0171			<b>Other Asbestos Containing Materials, Asbestos Abatement And Disposal</b> <small>(02 82 33)</small>		
02 82 33 00-0172			<b>30" To 36" Fire Door, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0171)</small>		
02 82 33 00-0173	EA		Up To 5 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	74.35	
02 82 33 00-0174	EA		>5 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	28.51	
02 82 33 00-0175	EA		>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	19.01	
02 82 33 00-0176			<b>HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0171)</small>		
02 82 33 00-0177	EA		Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	185.89	
02 82 33 00-0178	LF		>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	3.81	
02 82 33 00-0179	LF		>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	2.85	
02 82 33 00-0180	LF		>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	2.46	
02 82 33 00-0181	LF		>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	2.11	
02 82 33 00-0182	LF		>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	1.81	
02 82 33 00-0183	LF		>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	1.56	
02 82 33 00-0184			<b>Grout, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0171)</small>		
			Note: e.g. flue grout.		
02 82 33 00-0185	EA		Up To 10 LF, Grout, Asbestos Abatement And Disposal .....	139.41	
02 82 33 00-0186	LF		>10 To 50 LF, Grout, Asbestos Abatement And Disposal .....	7.32	
02 82 33 00-0187	LF		>50 To 100 LF, Grout, Asbestos Abatement And Disposal .....	5.04	
02 82 33 00-0188	LF		>100 To 250 LF, Grout, Asbestos Abatement And Disposal .....	4.31	
02 82 33 00-0189	LF		>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal .....	3.71	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0190 LF >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal .....	3.19	
02 82 33 00-0191 LF >2,500 LF, Grout, Asbestos Abatement And Disposal.....	2.74	
<b>02 82 33 00-0192 Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0171)</b>		
Note: e.g. rope, web cloth, flat.		
02 82 33 00-0193 EA Up To 10 LF, Gaskets, Asbestos Abatement And Disposal.....	139.41	
02 82 33 00-0194 LF >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal .....	9.86	
02 82 33 00-0195 LF >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal.....	7.39	
02 82 33 00-0196 LF >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal .....	6.30	
02 82 33 00-0197 LF >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal .....	5.67	
02 82 33 00-0198 LF >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	5.09	
02 82 33 00-0199 LF >2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	4.85	
<b>02 82 33 00-0200 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0171)</b>		
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 82 33 00-0201 EA Up To 50 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal.....	371.76	
02 82 33 00-0202 SF >50 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal .....	7.90	
02 82 33 00-0203 SF >1,000 To 2,500 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal .....	3.81	
02 82 33 00-0204 SF >2,500 To 10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal .....	2.57	
02 82 33 00-0205 SF >10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal .....	2.18	
<b>02 82 33 00-0206 Caulking, Asbestos Abatement And Disposal (02 82 33 00-0171)</b>		
<b>02 82 33 00-0207 Non Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0206)</b>		
02 82 33 00-0208 EA Up To 10 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal .....	139.41	
02 82 33 00-0209 LF >10 To 50 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	5.49	
02 82 33 00-0210 LF >50 To 100 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	3.86	
02 82 33 00-0211 LF >100 To 250 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	2.87	
02 82 33 00-0212 LF >250 To 1,000 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	2.16	
02 82 33 00-0213 LF >1,000 To 2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	1.71	
02 82 33 00-0214 LF >2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	1.48	
<b>02 83 Lead Remediation (02 80)</b>		
Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0029 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0012 for plastic sheeting for containment construction, 02 89 00 00-0019 for decontamination chambers.		
<b>02 83 19 Lead-Based Paint Remediation (02 83)</b>		
<b>02 83 19 13 Lead-Based Paint Abatement (02 83 19)</b>		
<b>02 83 19 13-0001 Sampling And Testing (02 83 19 13)</b>		
Note: Includes taking sample, delivery to lab and lab fee.		
02 83 19 13-0002 EA X-Ray Fluorescence (XRF) Lead Testing Including Technician, 3 Readings Per Surface.....	36.25	
02 83 19 13-0003 EA Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (5 Day Turnaround) And Lab Fee.....	34.71	
02 83 19 13-0004 EA Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (48 Hour Turnaround) And Lab Fee .....	52.58	
02 83 19 13-0005 EA Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (24 Hour Turnaround) And Lab Fee .....	73.62	
02 83 19 13-0006 EA Total Threshold Leaching Concentration (TTL) Lead Test (5 Day Turnaround) And Lab Fee .....	13.67	
02 83 19 13-0007 EA Total Threshold Leaching Concentration (TTL) Lead Test (24 Hour Turnaround) And Lab Fee .....	21.03	
02 83 19 13-0008 EA Total Threshold Leaching Concentration (TTL) Lead Test (8 Hour Turnaround) And Lab Fee .....	26.29	
02 83 19 13-0009 EA Soluble Threshold Limit Concentration (STLC) Lead Test (5 Day Turnaround) And Lab Fee .....	34.71	
02 83 19 13-0010 EA Soluble Threshold Limit Concentration (STLC) Lead Test (3 Day Turnaround) And Lab Fee .....	52.58	
02 83 19 13-0011 EA Lead Wipe Samples (5 Day Turnaround) And Lab Fee .....	5.78	
02 83 19 13-0012 EA Lead Wipe Samples (24 Hour Turnaround) And Lab Fee.....	7.89	
02 83 19 13-0013 EA Lead Wipe Samples (8 Hour Turnaround) And Lab Fee.....	11.57	
02 83 19 13-0014 EA Lead Air Samples (5 Day Turn -Around) And Lab Fee .....	5.78	
02 83 19 13-0015 EA Lead Air Samples (24 Hour Turnaround) And Lab Fee .....	7.89	
02 83 19 13-0016 EA Lead Air Samples (8 Hour Turnaround) And Lab Fee .....	11.57	
02 83 19 13-0017 EA Lead Water Test (5 Day Turnaround) and Lab Fee.....	21.03	
02 83 19 13-0018 EA Lead Water Test (24 Hour Turnaround) and Lab Fee.....	31.55	
02 83 19 13-0019 EA Lead Water Test (8 Hour Turnaround) and Lab Fee.....	42.07	
02 83 19 13-0020 EA Lead Paint Chip Test (5 Day Turnaround) and Lab Fee.....	21.75	
02 83 19 13-0021 EA Lead Soil Test (5 Day Turnaround) and Lab Fee.....	43.50	
02 83 19 13-0022 EA Sample Pickup, Per Trip .....	31.55	
<b>02 83 19 13-0023 Chemical Stripping Of Lead Contaminated Material (02 83 19 13)</b>		
Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not limited to, chromium, cadmium and mercury.		
02 83 19 13-0024 SF Balustrades, Simple, Chemical Stripping Of Lead Contaminated Material .....	18.19	
02 83 19 13-0025 SF Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material .....	27.15	
02 83 19 13-0026 LF Up To 6" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material.....	7.75	

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 83 19 13-0027	LF	>6" To 12" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material .....	16.05
02 83 19 13-0028	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material .....	5.06
02 83 19 13-0029	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material .....	19.48
02 83 19 13-0030	SF	Cabinets, Simple Design, Chemical Stripping Of Lead Contaminated Material .....	15.22
02 83 19 13-0031	SF	Ceilings, All, Chemical Stripping Of Lead Contaminated Material .....	7.08
02 83 19 13-0032	SF	Columns, Chemical Stripping Of Lead Contaminated Material .....	6.72
02 83 19 13-0033	SF	Cornice, Simple, Chemical Stripping Of Lead Contaminated Material .....	8.31
02 83 19 13-0034	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material .....	24.16
02 83 19 13-0035	SF	Doors, One Side Flush, Chemical Stripping Of Lead Contaminated Material .....	5.95
02 83 19 13-0036	SF	Doors, One Panel, Chemical Stripping Of Lead Contaminated Material .....	6.22
02 83 19 13-0037	SF	Doors, Four Panel, Chemical Stripping Of Lead Contaminated Material .....	10.93
02 83 19 13-0038	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material .....	80.08
02 83 19 13-0039	LF	Trim Or Frames, One Side, Chemical Stripping Of Lead Contaminated Material .....	7.73
02 83 19 13-0040	LF	Up To 2" Electrical Conduit, Chemical Stripping Of Lead Contaminated Material .....	3.35
02 83 19 13-0041	SF	Fence, Picket, Chemical Stripping Of Lead Contaminated Material .....	16.34
02 83 19 13-0042	SF	Floors, Wood, Chemical Stripping Of Lead Contaminated Material .....	4.12
02 83 19 13-0043	SF	Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material .....	19.48
02 83 19 13-0044	SF	Grilles, Simple, Chemical Stripping Of Lead Contaminated Material .....	16.29
02 83 19 13-0045	EA	Hinges, Chemical Stripping Of Lead Contaminated Material .....	9.95
02 83 19 13-0046	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material .....	12.36
02 83 19 13-0047	LF	Up To 4" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material .....	5.52
02 83 19 13-0048	LF	>4" To 8" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material .....	9.90
02 83 19 13-0049	LF	>8" To 12" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material .....	13.62
02 83 19 13-0050	LF	>12" To 16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material .....	24.55
02 83 19 13-0051	SF	>16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area .....	7.38
02 83 19 13-0052	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material .....	147.63
02 83 19 13-0053	EA	Shutters Front And Back Louvered, Up To 6", Chemical Stripping Of Lead Contaminated Material .....	166.14
02 83 19 13-0054	EA	Shutters Flat, Chemical Stripping Of Lead Contaminated Material .....	122.16
02 83 19 13-0055	SF	Siding, Chemical Stripping Of Lead Contaminated Material .....	5.63
02 83 19 13-0056	SF	Soffit, Chemical Stripping Of Lead Contaminated Material .....	12.26
02 83 19 13-0057	SF	Steel, Flat Surfaces And Tanks Up To 12", Chemical Stripping Of Lead Contaminated Material .....	5.48
02 83 19 13-0058	SF	Steel Beams, Chemical Stripping Of Lead Contaminated Material .....	6.25
02 83 19 13-0059	SF	Trusses, Chemical Stripping Of Lead Contaminated Material .....	8.97
02 83 19 13-0060	SF	Walls, Wood, Chemical Stripping Of Lead Contaminated Material .....	6.25
02 83 19 13-0061	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material .....	14.77
02 83 19 13-0062	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material .....	16.19
02 83 19 13-0063	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material .....	17.15
02 83 19 13-0064	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material .....	18.12
02 83 19 13-0065	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material .....	19.07
02 83 19 13-0066	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material .....	20.07
02 83 19 13-0067	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material .....	21.01
02 83 19 13-0068	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material .....	21.50
02 83 19 13-0069	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material .....	21.99
02 83 19 13-0070	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material .....	22.45
02 83 19 13-0071	SF	Metal Stair, Chemical Stripping Of Lead Contaminated Material .....	29.47
02 83 19 13-0072	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material .....	14.84
		Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	
02 83 19 13-0073	LF	Ornate Railings, Chemical Stripping Of Lead Contaminated Material .....	5.00

**02 83 19 13-0074 Demolish Lead Contaminated Material (02 83 19 13)**

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0075	SF	Demolish Ceiling Including Suspension System, Plaster, Lath, Lead Contaminated Material .....	1.32
02 83 19 13-0076	SF	Demolish Finished Plaster/Stucco, Leaving Wire Lath, Lead Contaminated Material .....	1.92
02 83 19 13-0077	SF	Demolish Suspended Acoustical Ceiling System, Including Tile, Lead Contaminated Material .....	0.77
02 83 19 13-0078	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material .....	0.49
02 83 19 13-0079	SF	Demolish Metal Pan Grid System, Lead Contaminated Material .....	0.77
02 83 19 13-0080	SF	Demolish Gypsum Board, Lead Contaminated Material .....	0.62
02 83 19 13-0081	EA	Demolish Up To 2' x 4' Light Fixtures, Lead Contaminated Material .....	36.84
02 83 19 13-0082	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material .....	48.88
02 83 19 13-0083	SF	Demolish Non Load Bearing Partitions, Plaster, Lath And Studs, Lead Contaminated Material .....	5.45
02 83 19 13-0084	SF	Demolish Non Load Bearing Partitions, Gypsum Board And Studs, Lead Contaminated Material .....	3.05
02 83 19 13-0085	SF	Remove Lead Paint On Brick Or Concrete Block, Lead Contaminated Material .....	3.36
02 83 19 13-0086	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....	2.61
02 83 19 13-0087	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....	3.48
02 83 19 13-0088	SF	Demolish Balustrades And Railings, Lead Contaminated Material .....	3.82
02 83 19 13-0089	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material .....	1.00
02 83 19 13-0090	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material .....	1.24
02 83 19 13-0091	LF	Demolish Base Shoe Molding, Lead Contaminated Material .....	0.81
02 83 19 13-0092	SF	Demolish Brick, Lead Contaminated Material .....	2.30
02 83 19 13-0093	SF	Demolish Concrete Block, Lead Contaminated Material .....	2.97
02 83 19 13-0094	SF	Demolish Concrete, Lead Contaminated Material .....	7.60
02 83 19 13-0095	LF	Demolish Cabinets, Lead Contaminated Material .....	17.70
02 83 19 13-0096	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material .....	1.00
02 83 19 13-0097	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material .....	9.80
02 83 19 13-0098	SF	Demolish Cornice, Lead Contaminated Material .....	1.31
02 83 19 13-0099	EA	Demolish Doors, Lead Contaminated Material .....	38.41
02 83 19 13-0100	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material .....	1.17
02 83 19 13-0101	EA	Demolish Electrical Devices, Lead Contaminated Material .....	11.78





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0102 LF Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material.....	1.51	
02 83 19 13-0103 LF Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material.....	2.52	
02 83 19 13-0104 SF Demolish Fence, Picket, Lead Contaminated Material.....	1.45	
02 83 19 13-0105 SF Demolish Wood Floors, Lead Contaminated Material.....	1.81	
02 83 19 13-0106 SF Demolish Grilles, Lead Contaminated Material.....	2.14	
02 83 19 13-0107 EA Demolish Hinges, Lead Contaminated Material.....	4.29	
02 83 19 13-0108 EA Demolish Up To 6" Diameter Hangers, Lead Contaminated Material.....	9.21	
02 83 19 13-0109 LF Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....	3.77	
02 83 19 13-0110 LF Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material.....	5.51	
02 83 19 13-0111 LF Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....	8.32	
02 83 19 13-0112 LF Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....	15.34	
02 83 19 13-0113 EA Demolish Radiators, Lead Contaminated Material.....	66.29	
02 83 19 13-0114 EA Demolish Shutters And Louvered, Up To 6', Lead Contaminated Material.....	25.83	
02 83 19 13-0115 SF Demolish Siding, Lead Contaminated Material.....	1.02	
02 83 19 13-0116 SF Demolish Up To 12" Wide Soffit, Lead Contaminated Material.....	0.87	
02 83 19 13-0117 SF Demolish Steel, Flat Surfaces And Tanks Up To 12', Lead Contaminated Material.....	2.39	
02 83 19 13-0118 SF Demolish Steel Beams, Lead Contaminated Material.....	2.82	
02 83 19 13-0119 SF Demolish Trusses, Lead Contaminated Material.....	3.69	
02 83 19 13-0120 SF Demolish Walls, Wood, Lead Contaminated Material.....	2.73	
02 83 19 13-0121 SF Demolish Windows, Lead Contaminated Material.....	9.17	
02 83 19 13-0122 SF Demolish Metal Stair, Lead Contaminated Material.....	4.39	
02 83 19 13-0123 LF Demolish Metal Railing And Posts, Lead Contaminated Material.....	5.26	
02 83 19 13-0124 SF Demolish Plywood, Lead Contaminated Material.....	3.97	
02 83 19 13-0125 SF Demolish Planks (Various Sizes), Lead Contaminated Material.....	1.94	
02 83 19 13-0126 SF Demolish Ceramic Tile, Walls Or Floor, Lead Contaminated Material.....	2.23	
02 83 19 13-0127 EA Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material.....	12.10	
02 83 19 13-0128 SF Demolish Ceramic Tile Block, Lead Contaminated Material.....	2.64	
02 83 19 13-0129 LF Demolish Metal Hand Rails, Lead Contaminated Material.....	3.22	
02 83 19 13-0130 LF Demolish Metal Guard Rails, Lead Contaminated Material.....	7.26	
<b>02 83 19 13-0131 Wet Sanding Of Lead Contaminated Material (02 83 19 13)</b>		
02 83 19 13-0132 SF Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint.....	1.05	
<b>02 83 19 13-0133 Lead Abatement Encapsulation (02 83 19 13)</b>		
Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0134 SF Balustrades, Lead Abatement Encapsulation.....	3.49	
02 83 19 13-0135 LF Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....	3.89	
02 83 19 13-0136 LF >6" To 12" Wide, Baseboard, Lead Abatement Encapsulation.....	5.30	
02 83 19 13-0137 SF Brick, Concrete Block, Concrete, Lead Abatement Encapsulation.....	2.30	
02 83 19 13-0138 SF Ornate Cabinets, Lead Abatement Encapsulation.....	4.98	
02 83 19 13-0139 SF Simple Design Cabinets, Lead Abatement Encapsulation.....	4.08	
02 83 19 13-0140 SF Drywall Ceilings, Lead Abatement Encapsulation.....	1.49	
02 83 19 13-0141 SF Wood Ceilings, Lead Abatement Encapsulation.....	1.78	
02 83 19 13-0142 SF Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation.....	1.66	
02 83 19 13-0143 SF Columns, Lead Abatement Encapsulation.....	2.74	
02 83 19 13-0144 SF Doors, Lead Abatement Encapsulation.....	5.83	
02 83 19 13-0145 LF Up To 2" Electrical Conduit, Lead Abatement Encapsulation.....	2.26	
02 83 19 13-0146 SF Picket Fence (Brush), Lead Abatement Encapsulation.....	1.69	
02 83 19 13-0147 SF Wood Floors (Roller), Lead Abatement Encapsulation.....	1.44	
02 83 19 13-0148 SF Grilles, Vents, Lead Abatement Encapsulation.....	3.75	
02 83 19 13-0149 LF Gutters And Downspouts, Lead Abatement Encapsulation.....	3.49	
02 83 19 13-0150 EA Hangers, Lead Abatement Encapsulation.....	28.67	
02 83 19 13-0151 LF Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	2.13	
02 83 19 13-0152 LF >4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	3.13	
02 83 19 13-0153 LF >8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	4.90	
02 83 19 13-0154 LF >12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	7.24	
02 83 19 13-0155 EA Radiators, Lead Abatement Encapsulation.....	126.08	
02 83 19 13-0156 EA Up To 6' Shutters, Lead Abatement Encapsulation.....	108.65	
02 83 19 13-0157 SF Siding, Lead Abatement Encapsulation.....	1.99	
02 83 19 13-0158 SF Up To 12" Soffit, Lead Abatement Encapsulation.....	2.74	
02 83 19 13-0159 SF Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation.....	2.30	
02 83 19 13-0160 SF Steel Beams And Metal Decks, Lead Abatement Encapsulation.....	2.96	
02 83 19 13-0161 SF Trusses, Lead Abatement Encapsulation.....	2.96	
02 83 19 13-0162 SF Drywall Walls, Lead Abatement Encapsulation.....	1.31	
02 83 19 13-0163 SF Wood Walls, Lead Abatement Encapsulation.....	1.62	
02 83 19 13-0164 EA Double Hung Window, Lead Abatement Encapsulation.....	109.73	
02 83 19 13-0165 EA Colonial Window, Lead Abatement Encapsulation.....	129.05	
02 83 19 13-0166 LF Frames And Trim, Lead Abatement Encapsulation.....	1.96	
02 83 19 13-0167 LF Steel Lintels, Lead Abatement Encapsulation.....	2.27	
<b>02 83 33 Removal and Disposal of Material Containing Lead (02 83)</b>		
<b>02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)</b>		
<b>02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead (02 83 33 13)</b>		
02 83 33 13-0002 SF HEPA Vacuum And Wet Clean Lead Contaminated Area With Mild Detergent.....	0.17	
02 83 33 13-0003 SF HEPA Vacuum And Wet Clean Lead Contaminated Area With Tri-Sodium Phosphate.....	0.22	

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 33 13-0004 SF HEPA Vacuum And Shampoo Lead Contaminated Carpeting.....	0.77	
<b>02 84 Polychlorinate Biphenyl Remediation (02 80)</b>		
<b>02 84 16 Handling Of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)</b>		
<b>02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)</b>		
Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002 EA Remove TSCA-Exempt PCB And Non-PCB Ballast From A Demolished Fixture For Recycling.....	5.52	
<b>02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)</b>		
Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004 EA Recycle Non-PCB Ballast Removed From Up To 4' Length Fixtures.....	0.88	
02 84 16 00-0005 EA Recycle Non-PCB Ballast Removed From >4' To 8' Length Fixtures.....	1.32	
02 84 16 00-0006 EA Recycle TSCA-Exempt PCB Ballast Removed From Up To 4' Length Fixtures.....	4.09	
02 84 16 00-0007 EA Recycle TSCA-Exempt PCB Ballast Removed From >4' To 8' Length Fixtures.....	9.35	
<b>02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)</b>		
Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009 EA Dispose Of Leaking Non-PCB Ballast Removed From Up To 4' Length Fixtures.....	2.19	
02 84 16 00-0010 EA Dispose Of Leaking Non-PCB Ballast Removed From >4' To 8' Length Fixtures.....	3.29	
02 84 16 00-0011 EA Dispose Of Leaking PCB Ballast Removed From Up To 4' Length Fixtures.....	6.14	
02 84 16 00-0012 EA Dispose Of Leaking PCB Ballast Removed From >4' To 8' Length Fixtures.....	14.03	
<b>02 85 Mold Remediation (02 80)</b>		
Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. See CSI section 01 74 19 00-0029 for hauling in excess of 25 miles to transfer or disposal site, 02 81 00 00-0000 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0012 for plastic sheeting for containment construction, 02 89 00 00-0019 for decontamination chambers.		
<b>02 85 33 Removal and Disposal of Materials with Mold (02 85)</b>		
<b>02 85 33 00-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 85 33)</b>		
Note: Treat fittings as additional lf of insulation.		
<b>02 85 33 00-0002 Pipe Insulation, Mold Abatement And Disposal (02 85 33 00-0001)</b>		
Note: Diameter is outer size of insulation.		
<b>02 85 33 00-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 85 33 00-0002)</b>		
Note: Excludes encased fittings.		
02 85 33 00-0004 LF Up To 25 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	19.26	
02 85 33 00-0005 LF >25 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	14.37	
02 85 33 00-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	10.78	
02 85 33 00-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	8.09	
02 85 33 00-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	6.07	
02 85 33 00-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	5.28	
<b>02 85 33 00-0010 &gt;6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 85 33 00-0002)</b>		
02 85 33 00-0011 LF Up To 25 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	22.15	
02 85 33 00-0012 LF >25 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	16.53	
02 85 33 00-0013 LF >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	12.40	
02 85 33 00-0014 LF >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	9.30	
02 85 33 00-0015 LF >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	6.98	
02 85 33 00-0016 LF >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	6.07	
<b>02 85 33 00-0017 Thermal Insulation, Mold Abatement And Disposal (02 85 33)</b>		
<b>02 85 33 00-0018 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 85 33 00-0017)</b>		
02 85 33 00-0019 SF Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	11.62	
02 85 33 00-0020 SF >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	8.26	
02 85 33 00-0021 SF >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	6.20	
02 85 33 00-0022 SF >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal.....	4.65	
02 85 33 00-0023 SF >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	3.57	
<b>02 85 33 00-0024 Surfacing Material, Mold Abatement And Disposal (02 85 33)</b>		
Note: e.g. fireproofing, acoustical plaster, etc.		
<b>02 85 33 00-0025 Stucco, Mold Abatement And Disposal (02 85 33 00-0024)</b>		
Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 85 33 00-0026 SF Up To 100 SF, Stucco, Mold Abatement And Disposal.....	11.62	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Mold Remediation	02 85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 85 33 00-0027 SF >100 To 500 SF, Stucco, Mold Abatement And Disposal .....	8.26	
02 85 33 00-0028 SF >500 To 2,500 SF, Stucco, Mold Abatement And Disposal .....	6.20	
02 85 33 00-0029 SF >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal .....	4.65	
02 85 33 00-0030 SF >10,000 SF, Stucco, Mold Abatement And Disposal .....	3.49	
<b>02 85 33 00-0031 Acoustical Plaster, Mold Abatement And Disposal</b> (02 85 33 00-0024)		
Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 85 33 00-0032 SF Up To 100 SF, Acoustical Plaster, Mold Abatement And Disposal .....	11.62	
02 85 33 00-0033 SF >100 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal .....	8.26	
02 85 33 00-0034 SF >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal .....	6.20	
02 85 33 00-0035 SF >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal .....	4.65	
02 85 33 00-0036 SF >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal .....	3.49	
<b>02 85 33 00-0037 Gypsum Board, Mold Abatement And Disposal</b> (02 85 33 00-0024)		
02 85 33 00-0038 SF Up To 100 SF, Gypsum Board, Mold Abatement And Disposal .....	3.72	
02 85 33 00-0039 SF >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal .....	2.68	
02 85 33 00-0040 SF >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal .....	2.09	
02 85 33 00-0041 SF >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal .....	1.62	
02 85 33 00-0042 SF >10,000 SF, Gypsum Board, Mold Abatement And Disposal .....	1.16	
<b>02 85 33 00-0043 Fireproofing, Mold Abatement And Disposal</b> (02 85 33 00-0024)		
Note: Exposed surface area, includes associated overspray.		
02 85 33 00-0044 SF Up To 100 SF, Fireproofing, Mold Abatement And Disposal .....	11.62	
02 85 33 00-0045 SF >100 To 500 SF, Fireproofing, Mold Abatement And Disposal .....	11.39	
02 85 33 00-0046 SF >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal .....	8.55	
02 85 33 00-0047 SF >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal .....	6.42	
02 85 33 00-0048 SF >10,000 SF, Fireproofing, Mold Abatement And Disposal .....	4.81	
<b>02 85 33 00-0049 Flooring, Mold Abatement And Disposal</b> (02 85 33)		
Note: Includes cove base.		
<b>02 85 33 00-0050 Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 85 33 00-0049)		
<b>02 85 33 00-0051 Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 85 33 00-0050)		
Note: Single layer or first of multiple layers.		
02 85 33 00-0052 SF Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....	4.22	
For Each Additional Layer, Add	1.06	
02 85 33 00-0053 SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....	2.65	
For Each Additional Layer, Add	0.66	
02 85 33 00-0054 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....	1.43	
For Each Additional Layer, Add	0.36	
02 85 33 00-0055 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....	0.78	
For Each Additional Layer, Add	0.20	
02 85 33 00-0056 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....	0.57	
For Each Additional Layer, Add	0.14	
<b>02 85 33 00-0057 Carpet, Mold Abatement And Disposal</b> (02 85 33 00-0049)		
<b>02 85 33 00-0058 Carpet, Glue Down, Mold Abatement And Disposal</b> (02 85 33 00-0057)		
02 85 33 00-0059 SF Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal .....	3.38	
02 85 33 00-0060 SF >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal .....	2.18	
02 85 33 00-0061 SF >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal .....	1.33	
02 85 33 00-0062 SF >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal .....	0.84	
02 85 33 00-0063 SF >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal .....	0.61	
<b>02 85 33 00-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal</b> (02 85 33 00-0057)		
02 85 33 00-0065 SF Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal .....	3.72	
Note: Includes tack strips.		
02 85 33 00-0066 SF >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal .....	2.48	
Note: Includes tack strips.		
02 85 33 00-0067 SF >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal .....	1.77	
Note: Includes tack strips.		
02 85 33 00-0068 SF >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal .....	1.38	
Note: Includes tack strips.		
02 85 33 00-0069 SF >10,000 SF, Carpet And Pad, Mold Abatement And Disposal .....	1.03	
Note: Includes tack strips.		
<b>02 85 33 00-0070 Subflooring, Mold Abatement And Disposal</b> (02 85 33 00-0049)		
02 85 33 00-0071 SF Up To 100 SF, Subflooring, Mold Abatement And Disposal .....	4.92	
02 85 33 00-0072 SF >100 To 500 SF, Subflooring, Mold Abatement And Disposal .....	3.07	
02 85 33 00-0073 SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal .....	1.92	
02 85 33 00-0074 SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal .....	1.11	
02 85 33 00-0075 SF >10,000 SF, Subflooring, Mold Abatement And Disposal .....	0.67	

**02 Existing Conditions****02 80 Facility Remediation****02 85 Mold Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 85 33 00-0076	Siding, Mold Abatement And Disposal (02 85 33)		
02 85 33 00-0077	Interior Paneling, Mold Abatement And Disposal (02 85 33 00-0076)		
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0078	SF Up To 100 SF, Interior Paneling, Mold Abatement And Disposal .....	3.72	
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0079	SF >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal .....	2.64	
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0080	SF >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal .....	1.82	
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0081	SF >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal .....	1.01	
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0082	SF >10,000 SF, Interior Paneling, Mold Abatement And Disposal .....	0.75	
	Note: Includes detachment of mounted objects before removal.		
02 85 33 00-0083	Exterior Siding, Mold Abatement And Disposal (02 85 33 00-0076)		
02 85 33 00-0084	SF Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal .....	5.17	
02 85 33 00-0085	SF >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal .....	3.32	
02 85 33 00-0086	SF >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal .....	2.27	
02 85 33 00-0087	SF >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal .....	1.49	
02 85 33 00-0088	SF >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal .....	1.33	
02 85 33 00-0089	Contaminated Debris, Mold Abatement And Disposal (02 85 33)		
02 85 33 00-0090	Contaminated Debris, Mold Abatement And Disposal (02 85 33 00-0089)		
02 85 33 00-0091	CF Up To 10 CF, Contaminated Debris, Mold Abatement And Disposal .....	21.43	
02 85 33 00-0092	CF >10 To 100 CF, Contaminated Debris, Mold Abatement And Disposal .....	12.86	
02 85 33 00-0093	CF >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal .....	8.57	
02 85 33 00-0094	CF >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal .....	6.43	
02 85 33 00-0095	CF >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal .....	5.15	
02 85 33 00-0096	CF >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal .....	2.81	
02 85 33 00-0097	CF >10,000 CF, Contaminated Debris, Mold Abatement And Disposal .....	2.52	
02 85 33 00-0098	Other Mold Containing Materials, Mold Abatement And Disposal (02 85 33)		
02 85 33 00-0099	Wood Studs, Mold Abatement And Disposal (02 85 33 00-0098)		
	Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 85 33 00-0100	LF Up To 100 LF, Wood Studs, Mold Abatement And Disposal .....	2.08	
02 85 33 00-0101	LF >100 To 500 LF, Wood Studs, Mold Abatement And Disposal .....	1.50	
02 85 33 00-0102	LF >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal .....	1.10	
02 85 33 00-0103	LF >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal .....	0.84	
02 85 33 00-0104	LF >10,000 LF, Wood Studs, Mold Abatement And Disposal .....	0.63	
02 85 33 00-0105	Ceiling Tile, Mold Abatement And Disposal (02 85 33 00-0098)		
	Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 85 33 00-0106	SF Up To 200 SF, Ceiling Tile, Mold Abatement And Disposal .....	6.20	
02 85 33 00-0107	SF >200 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	4.65	
02 85 33 00-0108	SF >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal .....	2.12	
02 85 33 00-0109	SF >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	1.49	
02 85 33 00-0110	SF >10,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	1.33	
02 85 33 00-0111	Caulking, Mold Abatement And Disposal (02 85 33 00-0098)		
02 85 33 00-0112	LF Up To 10 LF, Caulking, Mold Abatement And Disposal .....	2.18	
02 85 33 00-0113	LF >10 To 50 LF, Caulking, Mold Abatement And Disposal .....	1.85	
02 85 33 00-0114	LF >50 To 100 LF, Caulking, Mold Abatement And Disposal .....	1.33	
02 85 33 00-0115	LF >100 To 250 LF, Caulking, Mold Abatement And Disposal .....	1.01	
02 85 33 00-0116	LF >250 To 1,000 LF, Caulking, Mold Abatement And Disposal .....	0.75	
02 85 33 00-0117	LF >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal .....	0.60	
02 85 33 00-0118	LF >2,500 LF, Caulking, Mold Abatement And Disposal .....	0.52	
02 85 33 00-0119	Wipe Down Walls, Ceilings And Floors (02 85 33 00-0098)		
02 85 33 00-0120	CSF Wipe Down Floors With Mild Bleach Solution .....	10.32	
02 85 33 00-0121	CSF Wipe Down Walls With Mild Bleach Solution .....	12.14	
02 85 33 00-0122	CSF Wipe Down Ceilings With Mild Bleach Solution .....	13.82	
02 85 33 00-0123	CSF Wipe Down Countertops With Mild Bleach Solution .....	11.27	
02 85 33 00-0124	CSF Wipe Down Other Surfaces With Mild Bleach Solution .....	14.30	

**02 87 Bio-Hazard Material Remediation (02 80)**

Note: Tasks includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>	
<b>Bio-Hazard Material Remediation</b>	<b>02 87</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

<b>02 87 00 00-0001</b>	<b>Bird Waste Removal</b> <small>(02 87)</small>	
	Note: In addition to items listed the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.	
02 87 00 00-0002	EA Up To 10 SF Bird Waste Removal, Up To 3" Thickness.....	371.76
	<i>For Work In Restricted Working Space, Add</i>	<i>111.53</i>
02 87 00 00-0003	SF >10 To 500 SF Bird Waste Removal, Up To 3" Thickness .....	6.20
	<i>For Work In Restricted Working Space, Add</i>	<i>1.86</i>
02 87 00 00-0004	SF >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness .....	5.63
	<i>For Work In Restricted Working Space, Add</i>	<i>1.69</i>
02 87 00 00-0005	SF >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness .....	5.12
	<i>For Work In Restricted Working Space, Add</i>	<i>1.54</i>
02 87 00 00-0006	SF >10,000 SF Bird Waste Removal, Up To 3" Thickness .....	4.65
	<i>For Work In Restricted Working Space, Add</i>	<i>1.40</i>

**02 89 Hazmat Ancillary Tasks And Support** (02 89)

<b>02 89 00 00-0001</b>	<b>Barriers And Protection</b> <small>(02 89)</small>	
	Note: Includes removal and disposal after use.	
<b>02 89 00 00-0002</b>	<b>Isolation Barriers</b> <small>(02 89 00 00-0001)</small>	
	Note: Use framing task with applicable barrier task. See CSI section 01 56 16 00-0007 for temporary stud walls.	
02 89 00 00-0003	SF 1/2" Plywood For Solid Isolation Barrier.....	1.85
02 89 00 00-0004	SF 6 Mil Plastic Sheeting For Separation Barrier .....	0.23
02 89 00 00-0005	SF 1/2" Drywall For Solid Isolation Barrier .....	0.90
02 89 00 00-0006	SF 5/8" Drywall For Solid Isolation Barrier .....	1.02

<b>02 89 00 00-0007</b>	<b>Cleaning Surfaces</b> <small>(02 89 00 00-0001)</small>	
	Note: Other surfaces within contamination area but not contaminated by, or part of removal.	
02 89 00 00-0008	SF Up To 100 SF, Clean Asbestos Surface .....	0.90
02 89 00 00-0009	SF >100 To 500 SF, Clean Asbestos Surface.....	0.63
02 89 00 00-0010	SF >500 To 1,000 SF, Clean Asbestos Surface.....	0.41
02 89 00 00-0011	SF >1,000 SF, Clean Asbestos Surface.....	0.32

<b>02 89 00 00-0012</b>	<b>Hazmat Containment Construction</b> <small>(02 89 00 00-0001)</small>	
02 89 00 00-0013	SF 6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.23
02 89 00 00-0014	SF 6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.29
02 89 00 00-0015	SF 6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	0.40
02 89 00 00-0016	SF 6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.30
02 89 00 00-0017	SF 6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.38
02 89 00 00-0018	SF 6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	0.49

<b>02 89 00 00-0019</b>	<b>Decontamination Chambers</b> <small>(02 89)</small>	
	Note: Includes removal after use.	
02 89 00 00-0020	EA Portable Personnel Decontamination Wash Facility (3 Stage) .....	467.94
	Note: Includes connection to negative air system.	
	<i>For Dismantling And Relocation To A Different Area, Add</i>	<i>244.93</i>
02 89 00 00-0021	EA Portable Waste Decontamination Unit .....	278.78
	Note: Includes connection to negative air system.	
	<i>For Dismantling And Relocation To A Different Area, Add</i>	<i>167.28</i>

**END OF SECTION 02**

<b>02</b>	<b>02</b>	<b>Existing Conditions</b>
	<b>02 80</b>	<b>Facility Remediation</b>
	02 89	Hazmat Ancillary Tasks And Support



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Maintenance Of Concrete</b>	<b>03 01</b>	
<b>Maintenance Of Cast-In-Place Concrete</b>	<b>03 01 30</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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### 03 Concrete

#### 03 01 Maintenance Of Concrete <sup>(03)</sup>

#### 03 01 30 Maintenance Of Cast-In-Place Concrete <sup>(03 01)</sup>

#### 03 01 30 51 **Cleaning Of Cast-In-Place Concrete** <sup>(03 01 30)</sup>

03 01 30 51-0001	<b>Abrasive Blasting</b> <sup>(03 01 30 51)</sup>	
	Note: Includes containment and clean-up of all material. Includes steel ball media.	
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot Blasting .....	0.69
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot Blasting .....	1.39
	<i>For Quantities &gt;1,000 To 5,000, Deduct</i>	-0.83
	<i>For Quantities &gt;5,000, Deduct</i>	-1.18

#### 03 01 30 71 **Rehabilitation Of Cast-in-Place Concrete** <sup>(03 01 30)</sup>

03 01 30 71-0001	<b>Concrete Resurfacing/Repair</b> <sup>(03 01 30 71)</sup>	
	See CSI section 09 91 43 00-0002 for surface preparation as required.	
03 01 30 71-0002	<b>Concrete Repair</b> <sup>(03 01 30 71-0001)</sup>	
03 01 30 71-0003	<b>Verticals Or Overheads</b> <sup>(03 01 30 71-0002)</sup>	
	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0004	CF Patch Decks Or Floors, SSI Flex Patch (Other Than Specified) .....	223.36
	<i>For Owner Furnished Material, Deduct</i>	-200.89
03 01 30 71-0005	SF Patch Verticals Or Overheads With 1/8" To 1/4" Elastomeric Patching Compound .....	4.42
03 01 30 71-0006	SF Patch Verticals Or Overheads With 1/8" To 1/4" Copolymer Cementitious Compound .....	7.85
	Note: Rapid Set - Wunderfixx	
03 01 30 71-0007	<b>Bridge Expansion Joint Repair</b> <sup>(03 01 30 71-0002)</sup>	
	Note: Replace header with semi-flexible polymer nosing system. Includes sawcutting, chipping, sandblasting, forming, backer rod cleaning, primer and debris removal. Excludes disposal.	
03 01 30 71-0008	CF Replace Header With Semi-Flexible Polymer Nosing System .....	456.50
03 01 30 71-0009	CF Replace Header With Fast-Setting, Rapid-Hardening Structural Repair Mortar .....	110.73
	Note: Includes sawcutting, drilling, removing concrete, forming, cleaning, primer, concrete material, reinforcing, dowels, debris removal and disposal. Excludes seal.	
	<i>For Up To 24CF, Add</i>	18.32
03 01 30 71-0010	CF Replace Header With Polyester-Based Polymer Patch .....	128.79
	Note: Includes sawcutting, drilling, removing concrete, forming, cleaning, primer, concrete material, reinforcing, dowels, debris removal and disposal. Excludes seal.	
	<i>For Up To 24CF, Add</i>	20.13
03 01 30 71-0011	CI Seal Expansion Joints With Rapid Cure Silicone .....	4.39
03 01 30 71-0012	CI Seal Expansion Joints With Closed Cell Foam/EVA .....	0.43
03 01 30 71-0013	LF Seal Expansion Joints With "V" Shape Preformed Silicone .....	54.92
03 01 30 71-0014	LF Seal Expansion Joints With "W" Shape Preformed Silicone .....	58.46

03 01 30 71-0015	<b>Concrete Grinding</b> <sup>(03 01 30 71-0002)</sup>	
03 01 30 71-0016	SY Grinding Cured, Warped, Or Rough Slabs .....	0.99

03 01 30 71-0017	<b>Spall Repair</b> <sup>(03 01 30 71-0001)</sup>	
	Note: Includes removal of defective concrete with chipping hammers and water blasting, application of epoxy bonding agent, application of epoxy or polymer mortar, and curing of repaired area. Excludes man lifts or other equipment required to access repair area.	
03 01 30 71-0018	SF Spall Repair <3/4" Deep On Vertical/Overhead Surfaces .....	30.72
	<i>For Up To 100, Add</i>	44.08
	<i>For &gt;100 To 250, Add</i>	22.04
03 01 30 71-0019	SF Spall Repair 3/4" To 1-1/2" Deep On Vertical/Overhead Surfaces .....	52.49
	<i>For Up To 100, Add</i>	52.90
	<i>For &gt;100 To 250, Add</i>	26.45
03 01 30 71-0020	SF Spall Repair >1-1/2" To 3" Deep On Vertical/Overhead Surfaces .....	87.33
	<i>For Up To 100, Add</i>	70.52
	<i>For &gt;100 To 250, Add</i>	35.26
03 01 30 71-0021	SF Spall Repair 3" To 4" Deep On Vertical/Overhead Surfaces .....	113.51
	Note: Includes chipping concrete for required clearance at rebar and cleaning of rebar	
	<i>For Up To 100, Add</i>	88.16
	<i>For &gt;100 To 250, Add</i>	44.08

03 01 30 71-0022	<b>Concrete Cleaning</b> <sup>(03 01 30 71-0001)</sup>	
03 01 30 71-0023	SF Clean Calcite/Staining On Concrete .....	11.03

03 01 30 71-0024	<b>Crack Repair For Concrete</b> <sup>(03 01 30 71-0001)</sup>	
03 01 30 71-0025	<b>Non Structural Crack Repair For Concrete</b> <sup>(03 01 30 71-0024)</sup>	

**03 Concrete****03 01 Maintenance Of Concrete****03 01 30 Maintenance Of Cast-In-Place Concrete**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 01 30 71-0026	<b>Surface Applied, Non Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0025)</small>	
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.	
03 01 30 71-0027	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	2.82
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0028	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	3.70
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0029	LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	2.89
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0030	LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	3.84
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0031	LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	3.14
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0032	LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	4.35
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0033	LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	3.33
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0034	LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	4.72
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0035	<b>Pressure Injected, Non Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0025)</small>	
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0036	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	13.54
	<i>For Cracks Accessible From Both Sides, Add</i> .....	2.77
03 01 30 71-0037	<b>Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0024)</small>	
03 01 30 71-0038	<b>Surface Applied, Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0037)</small>	
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.	
03 01 30 71-0039	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	3.37
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0040	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	4.81
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0041	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	3.37
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0042	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	4.79
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0043	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	4.10
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.24
03 01 30 71-0044	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	6.26
	<i>For V-Grooving Crack With Grinder, Add</i> .....	2.19
03 01 30 71-0045	<b>Pressure Injected, Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0037)</small>	
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0046	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	11.56
	<i>For Cracks Accessible From Both Sides, Add</i> .....	2.77
03 01 30 71-0047	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	11.56
	<i>For Cracks Accessible From Both Sides, Add</i> .....	2.77

### 03 05 Common Work Results For Concrete (03)

#### 03 05 00 00-0001 Concrete Admixtures (03 05)

03 05 00 00-0002	CY Low Range Water Reducing (LRWR), Type A Concrete Admixture.....	3.36
03 05 00 00-0003	CY Set Retarding, Type B Concrete Admixture.....	2.32
03 05 00 00-0004	CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	3.61
03 05 00 00-0005	CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	7.23





<b>Concrete</b>	<b>03</b>	03	
<b>Common Work Results For Concrete</b>			<b>03 05</b>
Concrete Admixtures			03 05 00 00-0001

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 05 00 00-0006 CY 1% Non-Chloride Accelerating, Type C Concrete Admixture.....	6.46	
03 05 00 00-0007 CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....	12.91	
03 05 00 00-0008 CY Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture.....	2.79	
03 05 00 00-0009 CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture.....	3.87	
03 05 00 00-0010 CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture.....	7.75	
03 05 00 00-0011 CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture.....	3.62	
03 05 00 00-0012 CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....	6.20	
03 05 00 00-0013 CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture.....	8.26	
03 05 00 00-0014 CY 25 LB/CY Steel Fibers, Concrete Admixture.....	20.34	
03 05 00 00-0015 CY 10% Microsilica (Silica Fume), Concrete Admixture.....	57.86	
03 05 00 00-0016 CY Corrosion Inhibiting Concrete Admixture.....	15.49	
03 05 00 00-0017 CY Winter Service Or Heat, Concrete Add.....	3.61	
03 05 00 00-0018 CY Chilled Water, Concrete Add.....	3.61	
03 05 00 00-0019 CY Subtle Color (See Davis Colors Color Card), Concrete Admixture.....	20.91	
03 05 00 00-0020 CY Standard Color (See Davis Colors Color Card), Concrete Admixture.....	34.86	
03 05 00 00-0021 CY Premium Color (See Davis Colors Color Card), Concrete Admixture.....	66.93	
03 05 00 00-0022 CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture.....	92.95	

### 03 10 Concrete Forming And Accessories <sup>(03)</sup>

#### 03 11 Concrete Forming <sup>(03 10)</sup>

##### 03 11 13 Structural Cast-In-Place Concrete Forming <sup>(03 11)</sup>

Note: Per square foot of formwork.

03 11 13 00-0001	Wood Formwork <sup>(03 11 13)</sup>	
	Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.	
03 11 13 00-0002	Foundation Wood Formwork <sup>(03 11 13 00-0001)</sup>	
	Note: For foundation work below or at grade.	
03 11 13 00-0003	SF Continuous Footings Foundation Wood Formwork.....	3.90
	For <1,000, Add	0.69
	For Foundations >8' Below Grade, Add	0.65
	For Curved Formwork, Add	1.30
03 11 13 00-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....	4.58
	For <1,000, Add	0.83
	For Foundations >8' Below Grade, Add	0.78
	For Curved Formwork, Add	1.56
03 11 13 00-0005	SF Mat Foundation Wood Formwork.....	5.10
	For <1,000, Add	0.95
	For Foundations >8' Below Grade, Add	0.91
	For Curved Formwork, Add	1.82
03 11 13 00-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork.....	4.30
	For <1,000, Add	0.79
	For Foundations >8' Below Grade, Add	0.75
	For Curved Formwork, Add	1.50
03 11 13 00-0007	SF Below Grade Walls Foundation Wood Formwork.....	6.18
	Note: Excludes footing	
	For <1,000, Add	1.12
	For Foundations >8' Below Grade, Add	1.06
	For Curved Formwork, Add	2.13
03 11 13 00-0008	Slab Edge And Block-Out Wood Formwork <sup>(03 11 13 00-0001)</sup>	
03 11 13 00-0009	LF Up To 6" High Slab Edge and Block-Out Wood Formwork.....	2.91
	For Foundations >8' Below Grade, Add	0.51
	For Curved Formwork, Add	1.03
	For <250, Add	0.54
03 11 13 00-0010	LF >6" To 12" High Slab Edge and Block-Out Wood Formwork.....	4.29
	For Foundations >8' Below Grade, Add	0.72
	For Curved Formwork, Add	1.44
	For <250, Add	0.77
03 11 13 00-0011	SF >12" High Slab Edge and Block-Out Wood Formwork.....	5.39
	For Foundations >8' Below Grade, Add	0.93
	For Curved Formwork, Add	1.86
	For <1,000, Add	0.98
03 11 13 00-0012	Column Wood Formwork <sup>(03 11 13 00-0001)</sup>	
03 11 13 00-0013	LF Up To 8" Square Column Wood Formwork.....	23.18
03 11 13 00-0014	LF >8" To 12" Square Column Wood Formwork.....	33.88
03 11 13 00-0015	LF >12" To 18" Square Column Wood Formwork.....	41.96
03 11 13 00-0016	LF >18" To 24" Square Column Wood Formwork.....	59.10
03 11 13 00-0017	LF >24" To 36" Square Column Wood Formwork.....	84.40
03 11 13 00-0018	LF >36" To 48" Square Column Wood Formwork.....	110.48
03 11 13 00-0019	Above Grade Wall Wood Formwork <sup>(03 11 13 00-0001)</sup>	
03 11 13 00-0020	SF Up To 8' High Above Grade Wall Wood Formwork.....	6.84
	For Curved Formwork, Add	2.39
	For <1,000, Add	1.25

<b>03</b>	<b>03 Concrete</b>
	<b>03 10 Concrete Forming And Accessories</b>
	<b>03 11 Concrete Forming</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0021 SF >8' High Above Grade Wall Wood Formwork .....8.11 <i>For Curved Formwork, Add</i> 2.84 <i>For &lt;1,000, Add</i> 1.49		
<b>03 11 13 00-0022 Elevated Beam Wood Formwork</b> (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023 SF Bottom of Elevated Beam Wood Formwork .....8.82 <i>For Curved Formwork, Add</i> 3.11 <i>For &lt;1,000, Add</i> 1.62		
03 11 13 00-0024 SF Vertical Sides of Elevated Beam Wood Formwork.....5.64 <i>For Curved Formwork, Add</i> 1.99 <i>For &lt;1,000, Add</i> 1.04		
<b>03 11 13 00-0025 Elevated Slab Wood Formwork</b> (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026 SF Elevated Slab Wood Formwork.....5.39 <i>For &lt;1,000, Add</i> 0.95		
<b>03 11 13 00-0027 Metal Framed Formwork</b> (03 11 13) Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
<b>03 11 13 00-0028 Foundation Metal Framed Formwork</b> (03 11 13 00-0027) Note: For foundation work below or at grade.		
03 11 13 00-0029 SF Continuous Footings Foundation Metal Framed Formwork .....3.21 <i>For &lt;1,000, Add</i> 0.59 <i>For Foundations &gt;8' Below Grade, Add</i> 0.57 <i>For Curved Formwork, Add</i> 1.13		
03 11 13 00-0030 SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork .....3.56 <i>For &lt;1,000, Add</i> 0.66 <i>For Foundations &gt;8' Below Grade, Add</i> 0.63 <i>For Curved Formwork, Add</i> 1.27		
03 11 13 00-0031 SF Mat Foundation Metal Framed Formwork .....3.99 <i>For &lt;1,000, Add</i> 0.73 <i>For Foundations &gt;8' Below Grade, Add</i> 0.70 <i>For Curved Formwork, Add</i> 1.40		
03 11 13 00-0032 SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork.....3.36 <i>For &lt;1,000, Add</i> 0.62 <i>For Foundations &gt;8' Below Grade, Add</i> 0.59 <i>For Curved Formwork, Add</i> 1.18		
03 11 13 00-0033 SF Below Grade Walls Foundation Metal Framed Formwork.....5.13 Note: Excludes footing. <i>For &lt;1,000, Add</i> 0.96 <i>For Foundations &gt;8' Below Grade, Add</i> 0.92 <i>For Curved Formwork, Add</i> 1.84		
<b>03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0035 LF Up To 6" High Slab Edge and Block-Out Metal Framed Formwork .....2.32 <i>For Foundations &gt;8' Below Grade, Add</i> 0.45 <i>For Curved Formwork, Add</i> 0.90 <i>For &lt;250, Add</i> 0.46		
03 11 13 00-0036 LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....2.91 <i>For Foundations &gt;8' Below Grade, Add</i> 0.56 <i>For Curved Formwork, Add</i> 1.13 <i>For &lt;250, Add</i> 0.57		
03 11 13 00-0037 SF >12" High Slab Edge and Block-Out Metal Framed Formwork .....3.22 <i>For Foundations &gt;8' Below Grade, Add</i> 0.62 <i>For Curved Formwork, Add</i> 1.24 <i>For &lt;1,000, Add</i> 0.63		
<b>03 11 13 00-0038 Column Metal Framed Formwork</b> (03 11 13 00-0027)		
<b>03 11 13 00-0039 Square Columns</b> (03 11 13 00-0038)		
03 11 13 00-0040 LF Up To 12" Square Column Metal Framed Formwork .....19.74		
03 11 13 00-0041 LF >12" To 16" Square Column Metal Framed Formwork .....23.85		
03 11 13 00-0042 LF >16" To 20" Square Column Metal Framed Formwork .....27.98		
03 11 13 00-0043 LF >20" To 24" Square Column Metal Framed Formwork .....33.43		
03 11 13 00-0044 LF >24" To 30" Square Column Metal Framed Formwork .....40.28		
03 11 13 00-0045 LF >30" To 36" Square Column Metal Framed Formwork .....48.36		
03 11 13 00-0046 LF >36" To 48" Square Column Metal Framed Formwork .....62.05		
03 11 13 00-0047 LF >48" To 60" Square Column Metal Framed Formwork .....76.52		
<b>03 11 13 00-0048 Round Columns</b> (03 11 13 00-0038)		
03 11 13 00-0049 LF Up To 12" Diameter Column Metal Formwork .....19.16		
03 11 13 00-0050 LF >12" To 16" Diameter Column Metal Formwork.....21.34		
03 11 13 00-0051 LF >16" To 20" Diameter Column Metal Formwork.....24.51		
03 11 13 00-0052 LF >20" To 24" Diameter Column Metal Formwork.....28.62		
03 11 13 00-0053 LF >24" To 30" Diameter Column Metal Formwork.....33.82		



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Forming</b>	<b>03 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0054 LF >30" To 36" Diameter Column Metal Formwork.....	38.76	
03 11 13 00-0055 LF >36" To 48" Diameter Column Metal Formwork.....	50.15	
03 11 13 00-0056 LF >48" To 60" Diameter Column Metal Formwork.....	65.20	
<b>03 11 13 00-0057 Above Grade Wall Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0058 SF Up to 8' High Above Grade Wall Metal Framed Formwork.....	3.15	
For Curved Formwork, Add	1.05	
For <1,000, Add	0.56	
03 11 13 00-0059 SF >8' High Above Grade Wall Metal Framed Formwork.....	3.83	
For Curved Formwork, Add	1.26	
For <1,000, Add	0.68	
<b>03 11 13 00-0060 Elevated Beam Metal Framed Formwork</b> (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061 SF Bottom of Elevated Beam Metal Framed Formwork.....	3.25	
For Curved Formwork, Add	0.99	
For <1,000, Add	0.55	
03 11 13 00-0062 SF Vertical Sides of Elevated Beam Metal Framed Formwork.....	2.35	
For Curved Formwork, Add	0.77	
For <1,000, Add	0.41	
<b>03 11 13 00-0063 Elevated Slab Metal Framed Formwork</b> (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064 SF Elevated Slab Metal Framed Formwork.....	4.73	
For <1,000, Add	0.70	
<b>03 11 13 00-0065 Fiber Tube Formwork</b> (03 11 13)		
Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
<b>03 11 13 00-0066 Round Column Fiber Tube Formwork</b> (03 11 13 00-0065)		
03 11 13 00-0067 LF 8" Diameter Round Fiber Tube Formwork.....	10.19	
For Plastic Lined, Add	0.82	
For Columns >12' In Length, Add	1.02	
03 11 13 00-0068 LF 10" Diameter Round Fiber Tube Formwork.....	11.63	
For Plastic Lined, Add	1.04	
For Columns >12' In Length, Add	1.16	
03 11 13 00-0069 LF 12" Diameter Round Fiber Tube Formwork.....	13.28	
For Plastic Lined, Add	1.20	
For Columns >12' In Length, Add	1.33	
03 11 13 00-0070 LF 14" Diameter Round Fiber Tube Formwork.....	14.64	
For Plastic Lined, Add	1.37	
For Columns >12' In Length, Add	1.46	
03 11 13 00-0071 LF 16" Diameter Round Fiber Tube Formwork.....	15.58	
For Plastic Lined, Add	1.55	
For Columns >12' In Length, Add	1.56	
03 11 13 00-0072 LF 18" Diameter Round Fiber Tube Formwork.....	18.00	
For Plastic Lined, Add	2.15	
For Columns >12' In Length, Add	1.80	
03 11 13 00-0073 LF 20" Diameter Round Fiber Tube Formwork.....	20.30	
For Plastic Lined, Add	2.72	
For Columns >12' In Length, Add	2.03	
03 11 13 00-0074 LF 22" Diameter Round Fiber Tube Formwork.....	21.48	
For Plastic Lined, Add	2.91	
For Columns >12' In Length, Add	2.15	
03 11 13 00-0075 LF 24" Diameter Round Fiber Tube Formwork.....	22.65	
For Plastic Lined, Add	3.09	
For Columns >12' In Length, Add	2.27	
03 11 13 00-0076 LF 26" Diameter Round Fiber Tube Formwork.....	23.62	
For Plastic Lined, Add	3.32	
For Columns >12' In Length, Add	2.36	
03 11 13 00-0077 LF 28" Diameter Round Fiber Tube Formwork.....	24.68	
For Plastic Lined, Add	3.57	
For Columns >12' In Length, Add	2.47	
03 11 13 00-0078 LF 30" Diameter Round Fiber Tube Formwork.....	25.88	
For Plastic Lined, Add	3.86	
For Columns >12' In Length, Add	2.59	
03 11 13 00-0079 LF 36" Diameter Round Fiber Tube Formwork.....	30.00	
For Plastic Lined, Add	4.85	
For Columns >12' In Length, Add	3.00	
03 11 13 00-0080 LF 42" Diameter Round Fiber Tube Formwork.....	38.82	
For Plastic Lined, Add	7.32	
For Columns >12' In Length, Add	3.88	
03 11 13 00-0081 LF 48" Diameter Round Fiber Tube Formwork.....	47.62	
For Plastic Lined, Add	9.79	
For Columns >12' In Length, Add	4.76	
<b>03 11 13 00-0082 Accessories For Formwork</b> (03 11 13)		
<b>03 11 13 00-0083 Keyway Forms, All Materials</b> (03 11 13 00-0082)		

**03 Concrete****03 10 Concrete Forming And Accessories****03 11 Concrete Forming**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0084 LF 2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....	1.01	
<b>03 11 13 00-0085 Chamfer Strips, All Materials (03 11 13 00-0082)</b>		
03 11 13 00-0086 LF 1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.06	
03 11 13 00-0087 LF 3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.24	
03 11 13 00-0088 LF 1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.43	
<b>03 11 13 00-0089 Strip Out Reglets For Concrete Formwork (03 11 13 00-0082)</b>		
03 11 13 00-0090 LF 24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork.....	5.29	
<b>03 11 13 00-0091 Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0082)</b>		
03 11 13 00-0092 EA 2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	6.04	
03 11 13 00-0093 EA 4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	7.46	
03 11 13 00-0094 EA 6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	9.03	
03 11 13 00-0095 EA 8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	10.52	
03 11 13 00-0096 EA 12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	13.62	
03 11 13 00-0097 EA 18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	31.94	
<b>03 11 16 Architectural Cast-In-Place Concrete Forming (03 11)</b>		
<b>03 11 16 00-0001 Concrete Form Liners (03 11 16)</b>		
03 11 16 00-0002 SF Concrete Form Liner, Various Patterns And Textures, Add To Formwork.....	2.68	
<b>03 11 23 Permanent Stair Forming (03 11)</b>		
<b>03 11 23 00-0001 Stairway Wood Formwork (03 11 23)</b>		
03 11 23 00-0002 SF Cast On Grade Stairway Wood Formwork.....	8.43	
For Curved Formwork, Add	3.14	
For <1,000, Add	1.61	
03 11 23 00-0003 SF Elevated Stairway Wood Formwork.....	16.57	
Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
For Curved Formwork, Add	6.11	
For <1,000, Add	3.14	
<b>03 11 23 00-0004 Stairway Metal Framed Formwork (03 11 23)</b>		
03 11 23 00-0005 SF Cast On Grade Stairway Metal Framed Formwork.....	6.71	
For Curved Formwork, Add	2.54	
For <1,000, Add	1.29	
03 11 23 00-0006 SF Elevated Stairway Metal Framed Formwork.....	12.52	
Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
For Curved Formwork, Add	4.72	
For <1,000, Add	2.41	
<b>03 15 Concrete Accessories (03 10)</b>		
<b>03 15 13 Waterstops (03 15)</b>		
<b>03 15 13 13 Non-Expanding Waterstops (03 15 13)</b>		
<b>03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)</b>		
03 15 13 13-0002 LF 3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	3.90	
03 15 13 13-0003 LF 3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	4.42	
03 15 13 13-0004 LF 3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	5.41	
03 15 13 13-0005 LF 3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	5.98	
03 15 13 13-0006 LF 1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	9.33	
03 15 13 13-0007 LF 3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	4.48	
03 15 13 13-0008 LF 3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	5.55	
03 15 13 13-0009 LF 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop.....	10.26	
03 15 13 13-0010 LF 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	7.96	
<b>03 15 13 13-0011 Rubber Waterstops (03 15 13 13)</b>		
03 15 13 13-0012 LF 3/8" Thick x 6" Wide Rubber Dumbbell Waterstop.....	5.14	
03 15 13 13-0013 LF 3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....	6.15	
03 15 13 13-0014 LF 1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	6.06	
03 15 13 13-0015 LF 1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	9.08	
03 15 13 13-0016 LF 3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	6.74	
03 15 13 13-0017 LF 3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	9.32	
<b>03 15 13 16 Expanding Waterstops (03 15 13)</b>		
<b>03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)</b>		
03 15 13 16-0002 LF 3/4" x 3/8" Bentonite Waterstop.....	3.52	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 16-0003 LF 1-1/4" x 1/2" Bentonite Waterstop.....	5.51	
03 15 13 16-0004 LF 1" x 3/4" Bentonite Waterstop.....	6.23	
03 15 13 16-0005 LF 1" x 1" Bentonite Waterstop.....	7.11	
<b>03 15 16 Concrete Construction Joints (03 15)</b>		
<b>03 15 16 00-0001 Poured Expansion Joint (03 15 16)</b>		
03 15 16 00-0002 LF 1/2" x 1" Plain Asphalt Expansion Joint, Poured.....	1.76	0.39
For Installation In Walls, Add	0.65	
03 15 16 00-0003 LF 1" x 2" Plain Asphalt Expansion Joint, Poured.....	4.17	0.39
For Installation In Walls, Add	0.74	
03 15 16 00-0004 LF 1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied .....	1.47	0.39
For Installation In Walls, Add	0.65	
03 15 16 00-0005 LF 1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied .....	3.43	0.39
For Installation In Walls, Add	0.74	
03 15 16 00-0006 LF 1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts .....	2.11	0.39
For Installation In Walls, Add	0.74	
03 15 16 00-0007 LF 1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts.....	3.83	0.39
For Installation In Walls, Add	1.19	
03 15 16 00-0008 LF 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied.....	1.15	0.39
For Installation In Walls, Add	0.65	
03 15 16 00-0009 LF 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant .....	1.49	0.39
For Installation In Walls, Add	0.65	
03 15 16 00-0010 LF 1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant .....	2.11	0.39
For Installation In Walls, Add	0.74	
<b>03 15 16 00-0011 Premolded Expansion Joints (03 15 16)</b>		
<b>03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0013 LF 1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.08	0.47
03 15 16 00-0014 LF 1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.26	0.51
03 15 16 00-0015 LF 1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.38	0.53
03 15 16 00-0016 LF 1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.50	0.55
03 15 16 00-0017 LF 3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.21	0.47
03 15 16 00-0018 LF 3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.37	0.51
03 15 16 00-0019 LF 3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.57	0.53
03 15 16 00-0020 LF 3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.88	0.55
03 15 16 00-0021 LF 1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.08	0.45
03 15 16 00-0022 LF 1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.19	0.47
03 15 16 00-0023 LF 1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.32	0.51
03 15 16 00-0024 LF 1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.43	0.53
03 15 16 00-0025 LF 1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.57	0.55
03 15 16 00-0026 LF 1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.78	0.58
03 15 16 00-0027 LF 1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.93	0.60
03 15 16 00-0028 LF 1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint .....	2.21	0.62
03 15 16 00-0029 LF 3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.33	0.51
03 15 16 00-0030 LF 3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.57	0.53
03 15 16 00-0031 LF 3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint .....	1.98	0.58
03 15 16 00-0032 SF 1" Asphalt Saturated Fiber, Premolded Expansion Joint .....	3.61	0.79
<b>03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0034 LF 1/2" x 4" Cork, Premolded Expansion Joint .....	2.09	0.51
03 15 16 00-0035 LF 1/2" x 6" Cork, Premolded Expansion Joint .....	2.37	0.55
03 15 16 00-0036 LF 1/2" x 8" Cork, Premolded Expansion Joint .....	2.60	0.58
03 15 16 00-0037 LF 1/2" x 10" Cork, Premolded Expansion Joint .....	3.81	0.60
03 15 16 00-0038 LF 1/2" x 12" Cork, Premolded Expansion Joint .....	4.08	0.62
03 15 16 00-0039 SF 1/2" Cork, Premolded Expansion Joint .....	4.42	0.79
03 15 16 00-0040 SF 3/4" Cork, Premolded Expansion Joint .....	5.23	0.79
03 15 16 00-0041 SF 1" Cork, Premolded Expansion Joint .....	5.60	0.79
<b>03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0043 LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.17	0.51
03 15 16 00-0044 LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.22	0.53
03 15 16 00-0045 LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.30	0.55
03 15 16 00-0046 LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.56	0.58
03 15 16 00-0047 LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.22	0.51
03 15 16 00-0048 LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.28	0.53
03 15 16 00-0049 LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.33	0.55
03 15 16 00-0050 LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....	1.49	0.58
<b>03 15 16 00-0051 Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)</b>		
03 15 16 00-0052 LF 1" Zip Strip, Premolded Expansion Joint .....	1.19	0.51
03 15 16 00-0053 LF 1-1/2" Zip Strip, Premolded Expansion Joint .....	1.32	0.53
03 15 16 00-0054 LF 2" Zip Strip, Premolded Expansion Joint .....	1.48	0.58

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0055		<b>Sponge Rubber, Premolded Expansion Joints</b> (03 15 16 00-0011)		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	2.84	0.47
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	3.40	0.47
03 15 16 00-0058		<b>Asphalt Felt Control Joints Or Bond Breaker</b> (03 15 16)		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	0.57	0.35
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	0.52	0.35
03 15 16 00-0061		<b>Keyed Cold Expansion And Control Joints</b> (03 15 16)		
03 15 16 00-0062		<b>24 Gauge Galvanized Steel With Stakes</b> (03 15 16 00-0061)		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	2.87	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	2.94	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	3.07	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	3.28	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	4.29	
03 15 16 00-0068		<b>Expansion Control Systems</b> (03 15 16)		
03 15 16 00-0069		<b>Wabo Jeene "FW" Traffic Series Expansion Control System</b> (03 15 16 00-0068)		
		Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation.		
03 15 16 00-0070	LF	1" x 1-1/4" Jeene "FW" Expansion Joint System ..... Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	38.39	2.91
03 15 16 00-0071	LF	1-5/8" x 2" Jeene "FW" Expansion Joint System ..... Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	47.32	3.29
03 15 16 00-0072	LF	2" x 2-1/2" Jeene "FW" Expansion Joint System ..... Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	54.83	3.63
03 15 16 00-0073	LF	2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System ..... Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	65.26	4.02
03 15 16 00-0074	LF	3" x 3-3/4" Jeene "FW" Expansion Joint System ..... Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	81.83	4.41
03 15 16 00-0075	LF	3-7/8" x 5" Jeene "FW" Expansion Joint System ..... Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	96.65	4.75
03 15 16 00-0076	LF	5" x 6-1/8" Jeene "FW" Expansion Joint System ..... Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	157.11	5.14
03 15 16 00-0077		<b>Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System</b> (03 15 16 00-0068)		
		Note: Wabo®ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals.		
03 15 16 00-0078	LF	1-1/2" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	72.02	3.82
03 15 16 00-0079	LF	2-1/2" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	89.53	4.78
03 15 16 00-0080	LF	3-3/4" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	112.33	5.74
03 15 16 00-0081	LF	1-1/2" ElastoFlex "EFJ-C" Expansion Joint System ..... Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	55.28	3.82
03 15 16 00-0082	LF	2-1/2" ElastoFlex "EFJ-C" Expansion Joint System ..... Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	71.81	4.78
03 15 16 00-0083	LF	3-3/4" ElastoFlex "EFJ-C" Expansion Joint System ..... Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	95.59	5.74
03 15 16 00-0084		<b>Emseal Seismic Colorseal Expansion Joint System</b> (03 15 16 00-0068)		
		Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.		



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0085 LF 1" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	24.19	1.94
03 15 16 00-0086 LF 1-1/2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	35.59	2.22
03 15 16 00-0087 LF 2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	49.00	2.52
03 15 16 00-0088 LF 2-1/2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	60.60	2.76
03 15 16 00-0089 LF 3" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	74.50	3.05
03 15 16 00-0090 LF 3-1/2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	91.66	3.34
03 15 16 00-0091 LF 4" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	109.81	3.63
03 15 16 00-0092 LF 4-1/2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	126.17	3.87
03 15 16 00-0093 LF 5" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	143.33	4.16
<b>03 15 16 00-0094 Emseal Thermaflex Watertight Expansion Joint System</b> (03 15 16 00-0068) Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.		
03 15 16 00-0095 LF 1-1/2" Thermaflex TM Expansion Joint System ..... Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	40.85	2.87
03 15 16 00-0096 LF 2-1/2" Thermaflex TM Expansion Joint System ..... Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	43.74	3.35
03 15 16 00-0097 EA Thermaflex TM Fittings Expansion Joint System ..... Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	207.33	9.57
<b>03 15 19 Cast-In Concrete Anchors</b> (03 15)		
03 15 19 00-0001 <b>Cast In Place Anchors</b> (03 15 19) Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002 <b>J-Type Anchor Bolts</b> (03 15 19 00-0001) See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003 <b>1/2" And 5/8" Diameter</b> (03 15 19 00-0002)		
03 15 19 00-0004 EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	4.15 0.72 5.01 -0.14 -0.31 -0.62	
03 15 19 00-0005 EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	4.74 0.91 6.37 -0.15 -0.34 -0.68	
03 15 19 00-0006 EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	5.69 1.26 8.79 -0.16 -0.38 -0.76	
03 15 19 00-0007 EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	6.46 1.64 11.48 -0.16 -0.40 -0.80	
03 15 19 00-0008 EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	7.84 2.19 15.33 -0.17 -0.46 -0.91	

**03 Concrete****03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0009	EA		5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	8.81	
			<i>For Galvanized, Add</i>	2.51	
			<i>For Stainless Steel, Add</i>	17.54	
			<i>For &gt;10 To 50, Deduct</i>	-0.19	
			<i>For &gt;50 To 100, Deduct</i>	-0.51	
			<i>For &gt;100, Deduct</i>	-1.01	
<b>03 15 19 00-0010</b>			<b>3/4" And 7/8" Diameter</b> <small>(03 15 19 00-0002)</small>		
03 15 19 00-0011	EA		3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	8.77	
			<i>For Galvanized, Add</i>	2.49	
			<i>For Stainless Steel, Add</i>	17.40	
			<i>For &gt;10 To 50, Deduct</i>	-0.19	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-1.01	
03 15 19 00-0012	EA		3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	10.02	
			<i>For Galvanized, Add</i>	2.90	
			<i>For Stainless Steel, Add</i>	20.27	
			<i>For &gt;10 To 50, Deduct</i>	-0.21	
			<i>For &gt;50 To 100, Deduct</i>	-0.57	
			<i>For &gt;100, Deduct</i>	-1.14	
03 15 19 00-0013	EA		3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	12.17	
			<i>For Galvanized, Add</i>	3.71	
			<i>For Stainless Steel, Add</i>	25.97	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.66	
			<i>For &gt;100, Deduct</i>	-1.32	
03 15 19 00-0014	EA		3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	14.68	
			<i>For Galvanized, Add</i>	4.68	
			<i>For Stainless Steel, Add</i>	32.73	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100, Deduct</i>	-1.53	
03 15 19 00-0015	EA		7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	11.55	
			<i>For Galvanized, Add</i>	3.40	
			<i>For Stainless Steel, Add</i>	23.80	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.65	
			<i>For &gt;100, Deduct</i>	-1.29	
03 15 19 00-0016	EA		7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	13.58	
			<i>For Galvanized, Add</i>	4.07	
			<i>For Stainless Steel, Add</i>	28.49	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.75	
			<i>For &gt;100, Deduct</i>	-1.50	
03 15 19 00-0017	EA		7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	17.19	
			<i>For Galvanized, Add</i>	5.43	
			<i>For Stainless Steel, Add</i>	37.98	
			<i>For &gt;10 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100, Deduct</i>	-1.81	
<b>03 15 19 00-0018</b>			<b>1" And 1-1/8" Diameter</b> <small>(03 15 19 00-0002)</small>		
03 15 19 00-0019	EA		1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	14.23	
			<i>For Galvanized, Add</i>	4.40	
			<i>For Stainless Steel, Add</i>	30.77	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.76	
			<i>For &gt;100, Deduct</i>	-1.53	
03 15 19 00-0020	EA		1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	16.92	
			<i>For Galvanized, Add</i>	5.29	
			<i>For Stainless Steel, Add</i>	37.03	
			<i>For &gt;10 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.90	
			<i>For &gt;100, Deduct</i>	-1.80	
03 15 19 00-0021	EA		1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	20.87	
			<i>For Galvanized, Add</i>	6.63	
			<i>For Stainless Steel, Add</i>	46.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-1.09	
			<i>For &gt;100, Deduct</i>	-2.19	
03 15 19 00-0022	EA		1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	25.72	
			<i>For Galvanized, Add</i>	8.10	
			<i>For Stainless Steel, Add</i>	56.70	
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.36	
			<i>For &gt;100, Deduct</i>	-2.71	
03 15 19 00-0023	EA		1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	16.96	
			<i>For Galvanized, Add</i>	5.50	
			<i>For Stainless Steel, Add</i>	38.47	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.87	
			<i>For &gt;100, Deduct</i>	-1.74	





<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0024 EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	20.18	
For Galvanized, Add	6.61	
For Stainless Steel, Add	46.27	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-1.03	
For >100, Deduct	-2.05	
03 15 19 00-0025 EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	24.93	
For Galvanized, Add	8.29	
For Stainless Steel, Add	58.03	
For >10 To 50, Deduct	-0.42	
For >50 To 100, Deduct	-1.25	
For >100, Deduct	-2.50	
03 15 19 00-0026 EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	30.70	
For Galvanized, Add	10.13	
For Stainless Steel, Add	70.88	
For >10 To 50, Deduct	-0.52	
For >50 To 100, Deduct	-1.55	
For >100, Deduct	-3.10	
<b>03 15 19 00-0027 1-1/4" And 1-1/2" Diameter</b> (03 15 19 00-0002)		
03 15 19 00-0028 EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	20.34	
For Galvanized, Add	6.87	
For Stainless Steel, Add	48.06	
For >10 To 50, Deduct	-0.33	
For >50 To 100, Deduct	-1.00	
For >100, Deduct	-2.01	
03 15 19 00-0029 EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	24.24	
For Galvanized, Add	8.27	
For Stainless Steel, Add	57.86	
For >10 To 50, Deduct	-0.39	
For >50 To 100, Deduct	-1.18	
For >100, Deduct	-2.37	
03 15 19 00-0030 EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	29.98	
For Galvanized, Add	10.37	
For Stainless Steel, Add	72.56	
For >10 To 50, Deduct	-0.46	
For >50 To 100, Deduct	-1.44	
For >100, Deduct	-2.89	
03 15 19 00-0031 EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	36.88	
For Galvanized, Add	12.66	
For Stainless Steel, Add	88.59	
For >10 To 50, Deduct	-0.58	
For >50 To 100, Deduct	-1.79	
For >100, Deduct	-3.58	
03 15 19 00-0032 EA 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	24.58	
For Galvanized, Add	8.59	
For Stainless Steel, Add	60.10	
For >10 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-1.17	
For >100, Deduct	-2.34	
03 15 19 00-0033 EA 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	29.31	
For Galvanized, Add	10.33	
For Stainless Steel, Add	72.31	
For >10 To 50, Deduct	-0.43	
For >50 To 100, Deduct	-1.38	
For >100, Deduct	-2.76	
03 15 19 00-0034 EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	36.29	
For Galvanized, Add	12.96	
For Stainless Steel, Add	90.69	
For >10 To 50, Deduct	-0.52	
For >50 To 100, Deduct	-1.69	
For >100, Deduct	-3.37	
03 15 19 00-0035 EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	44.60	
For Galvanized, Add	15.82	
For Stainless Steel, Add	110.74	
For >10 To 50, Deduct	-0.65	
For >50 To 100, Deduct	-2.09	
For >100, Deduct	-4.17	
<b>03 15 19 00-0036 L-Type Anchor Bolts</b> (03 15 19 00-0001)		
See CSI section 03 11 13 00-0002 for template.		
<b>03 15 19 00-0037 3/4" And 7/8" Diameter</b> (03 15 19 00-0036)		
03 15 19 00-0038 EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	8.03	
For Galvanized, Add	1.90	
For Stainless Steel, Add	13.30	
For >10 To 50, Deduct	-0.21	
For >50 To 100, Deduct	-0.52	
For >100, Deduct	-1.04	

**03 Concrete****03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0039	EA		3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	9.44	
			<i>For Galvanized, Add</i>	2.35	
			<i>For Stainless Steel, Add</i>	16.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100, Deduct</i>	-1.18	
03 15 19 00-0040	EA		3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	10.82	
			<i>For Galvanized, Add</i>	2.69	
			<i>For Stainless Steel, Add</i>	18.83	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100, Deduct</i>	-1.36	
03 15 19 00-0041	EA		3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	11.93	
			<i>For Galvanized, Add</i>	2.80	
			<i>For Stainless Steel, Add</i>	19.57	
			<i>For &gt;10 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100, Deduct</i>	-1.55	
03 15 19 00-0042	EA		3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	13.48	
			<i>For Galvanized, Add</i>	2.94	
			<i>For Stainless Steel, Add</i>	20.55	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100, Deduct</i>	-1.82	
03 15 19 00-0043	EA		7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	9.46	
			<i>For Galvanized, Add</i>	2.36	
			<i>For Stainless Steel, Add</i>	16.49	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100, Deduct</i>	-1.19	
03 15 19 00-0044	EA		7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	10.93	
			<i>For Galvanized, Add</i>	2.75	
			<i>For Stainless Steel, Add</i>	19.22	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100, Deduct</i>	-1.36	
03 15 19 00-0045	EA		7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	12.63	
			<i>For Galvanized, Add</i>	3.15	
			<i>For Stainless Steel, Add</i>	22.02	
			<i>For &gt;10 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100, Deduct</i>	-1.58	
03 15 19 00-0046	EA		7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	14.15	
			<i>For Galvanized, Add</i>	3.27	
			<i>For Stainless Steel, Add</i>	22.89	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.92	
			<i>For &gt;100, Deduct</i>	-1.85	
03 15 19 00-0047	EA		7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	16.39	
			<i>For Galvanized, Add</i>	3.44	
			<i>For Stainless Steel, Add</i>	24.05	
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.12	
			<i>For &gt;100, Deduct</i>	-2.25	
03 15 19 00-0048			<b>1" And 1-1/8" Diameter</b> <small>(03 15 19 00-0036)</small>		
03 15 19 00-0049	EA		1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	11.48	
			<i>For Galvanized, Add</i>	3.02	
			<i>For Stainless Steel, Add</i>	21.14	
			<i>For &gt;10 To 50, Deduct</i>	-0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.70	
			<i>For &gt;100, Deduct</i>	-1.39	
03 15 19 00-0050	EA		1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	13.14	
			<i>For Galvanized, Add</i>	3.40	
			<i>For Stainless Steel, Add</i>	23.80	
			<i>For &gt;10 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.80	
			<i>For &gt;100, Deduct</i>	-1.61	
03 15 19 00-0051	EA		1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	15.21	
			<i>For Galvanized, Add</i>	3.80	
			<i>For Stainless Steel, Add</i>	26.60	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.95	
			<i>For &gt;100, Deduct</i>	-1.90	
03 15 19 00-0052	EA		1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	16.23	
			<i>For Galvanized, Add</i>	3.98	
			<i>For Stainless Steel, Add</i>	27.86	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-1.03	
			<i>For &gt;100, Deduct</i>	-2.05	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0053 EA 1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	17.85	
For Galvanized, Add	4.17	
For Stainless Steel, Add	29.16	
For >10 To 50, Deduct	-0.48	
For >50 To 100, Deduct	-1.16	
For >100, Deduct	-2.32	
03 15 19 00-0054 EA 1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	20.23	
For Galvanized, Add	4.83	
For Stainless Steel, Add	33.81	
For >10 To 50, Deduct	-0.53	
For >50 To 100, Deduct	-1.30	
For >100, Deduct	-2.60	
03 15 19 00-0055 EA 1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	23.98	
For Galvanized, Add	5.65	
For Stainless Steel, Add	39.55	
For >10 To 50, Deduct	-0.63	
For >50 To 100, Deduct	-1.55	
For >100, Deduct	-3.10	
03 15 19 00-0056 EA 1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	14.29	
For Galvanized, Add	3.98	
For Stainless Steel, Add	27.83	
For >10 To 50, Deduct	-0.32	
For >50 To 100, Deduct	-0.83	
For >100, Deduct	-1.67	
03 15 19 00-0057 EA 1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	16.51	
For Galvanized, Add	4.45	
For Stainless Steel, Add	31.15	
For >10 To 50, Deduct	-0.38	
For >50 To 100, Deduct	-0.98	
For >100, Deduct	-1.97	
03 15 19 00-0058 EA 1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	17.58	
For Galvanized, Add	4.66	
For Stainless Steel, Add	32.59	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-1.06	
For >100, Deduct	-2.12	
<b>03 15 19 00-0059 1-1/4" And 1-3/8" Diameter</b> <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060 EA 1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	17.22	
For Galvanized, Add	4.81	
For Stainless Steel, Add	33.64	
For >10 To 50, Deduct	-0.38	
For >50 To 100, Deduct	-1.00	
For >100, Deduct	-2.00	
03 15 19 00-0061 EA 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	20.77	
For Galvanized, Add	5.63	
For Stainless Steel, Add	39.38	
For >10 To 50, Deduct	-0.48	
For >50 To 100, Deduct	-1.23	
For >100, Deduct	-2.47	
03 15 19 00-0062 EA 1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	22.75	
For Galvanized, Add	6.37	
For Stainless Steel, Add	44.59	
For >10 To 50, Deduct	-0.50	
For >50 To 100, Deduct	-1.32	
For >100, Deduct	-2.64	
03 15 19 00-0063 EA 1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	24.96	
For Galvanized, Add	7.20	
For Stainless Steel, Add	50.37	
For >10 To 50, Deduct	-0.53	
For >50 To 100, Deduct	-1.42	
For >100, Deduct	-2.83	
03 15 19 00-0064 EA 1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	27.54	
For Galvanized, Add	7.83	
For Stainless Steel, Add	54.78	
For >10 To 50, Deduct	-0.59	
For >50 To 100, Deduct	-1.58	
For >100, Deduct	-3.16	
03 15 19 00-0065 EA 1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	30.35	
For Galvanized, Add	8.38	
For Stainless Steel, Add	58.66	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-1.78	
For >100, Deduct	-3.56	
03 15 19 00-0066 EA 1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	33.80	
For Galvanized, Add	8.97	
For Stainless Steel, Add	62.79	
For >10 To 50, Deduct	-0.79	
For >50 To 100, Deduct	-2.03	
For >100, Deduct	-4.07	

**03 Concrete****03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0067	EA		1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	38.85	
			<i>For Galvanized, Add</i>	9.92	
			<i>For Stainless Steel, Add</i>	69.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.95	
			<i>For &gt;50 To 100, Deduct</i>	-2.40	
			<i>For &gt;100, Deduct</i>	-4.80	
03 15 19 00-0068	EA		1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	19.63	
			<i>For Galvanized, Add</i>	6.01	
			<i>For Stainless Steel, Add</i>	42.07	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-1.06	
			<i>For &gt;100, Deduct</i>	-2.12	
03 15 19 00-0069	EA		1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	23.58	
			<i>For Galvanized, Add</i>	7.03	
			<i>For Stainless Steel, Add</i>	49.21	
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100, Deduct</i>	-2.61	
03 15 19 00-0070	EA		1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	25.93	
			<i>For Galvanized, Add</i>	7.96	
			<i>For Stainless Steel, Add</i>	55.72	
			<i>For &gt;10 To 50, Deduct</i>	-0.50	
			<i>For &gt;50 To 100, Deduct</i>	-1.40	
			<i>For &gt;100, Deduct</i>	-2.80	
03 15 19 00-0071	EA		1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	28.55	
			<i>For Galvanized, Add</i>	8.99	
			<i>For Stainless Steel, Add</i>	62.93	
			<i>For &gt;10 To 50, Deduct</i>	-0.53	
			<i>For &gt;50 To 100, Deduct</i>	-1.51	
			<i>For &gt;100, Deduct</i>	-3.01	
03 15 19 00-0072	EA		1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	31.45	
			<i>For Galvanized, Add</i>	9.78	
			<i>For Stainless Steel, Add</i>	68.46	
			<i>For &gt;10 To 50, Deduct</i>	-0.59	
			<i>For &gt;50 To 100, Deduct</i>	-1.68	
			<i>For &gt;100, Deduct</i>	-3.36	
03 15 19 00-0073	EA		1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	34.54	
			<i>For Galvanized, Add</i>	10.48	
			<i>For Stainless Steel, Add</i>	73.33	
			<i>For &gt;10 To 50, Deduct</i>	-0.68	
			<i>For &gt;50 To 100, Deduct</i>	-1.88	
			<i>For &gt;100, Deduct</i>	-3.77	
03 15 19 00-0074	EA		1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	38.46	
			<i>For Galvanized, Add</i>	11.30	
			<i>For Stainless Steel, Add</i>	79.10	
			<i>For &gt;10 To 50, Deduct</i>	-0.79	
			<i>For &gt;50 To 100, Deduct</i>	-2.15	
			<i>For &gt;100, Deduct</i>	-4.30	
03 15 19 00-0075	EA		1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	43.81	
			<i>For Galvanized, Add</i>	12.40	
			<i>For Stainless Steel, Add</i>	86.77	
			<i>For &gt;10 To 50, Deduct</i>	-0.95	
			<i>For &gt;50 To 100, Deduct</i>	-2.52	
			<i>For &gt;100, Deduct</i>	-5.04	
03 15 19 00-0076			1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036) .....		
03 15 19 00-0077	EA		1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	25.31	
			<i>For Galvanized, Add</i>	8.33	
			<i>For Stainless Steel, Add</i>	58.31	
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100, Deduct</i>	-2.56	
03 15 19 00-0078	EA		1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	27.48	
			<i>For Galvanized, Add</i>	8.74	
			<i>For Stainless Steel, Add</i>	61.15	
			<i>For &gt;10 To 50, Deduct</i>	-0.50	
			<i>For &gt;50 To 100, Deduct</i>	-1.44	
			<i>For &gt;100, Deduct</i>	-2.88	
03 15 19 00-0079	EA		1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	30.41	
			<i>For Galvanized, Add</i>	9.61	
			<i>For Stainless Steel, Add</i>	67.27	
			<i>For &gt;10 To 50, Deduct</i>	-0.56	
			<i>For &gt;50 To 100, Deduct</i>	-1.60	
			<i>For &gt;100, Deduct</i>	-3.20	
03 15 19 00-0080	EA		1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	32.89	
			<i>For Galvanized, Add</i>	10.50	
			<i>For Stainless Steel, Add</i>	73.50	
			<i>For &gt;10 To 50, Deduct</i>	-0.59	
			<i>For &gt;50 To 100, Deduct</i>	-1.71	
			<i>For &gt;100, Deduct</i>	-3.43	



<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Forming And Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0081	EA		1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	35.46	
			<i>For Galvanized, Add</i>	11.39	
			<i>For Stainless Steel, Add</i>	79.73	
			<i>For &gt;10 To 50, Deduct</i>	-0.63	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100, Deduct</i>	-3.68	
03 15 19 00-0082	EA		1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	39.13	
			<i>For Galvanized, Add</i>	12.25	
			<i>For Stainless Steel, Add</i>	85.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.73	
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100, Deduct</i>	-4.15	
03 15 19 00-0083	EA		1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.79	
			<i>For Galvanized, Add</i>	13.25	
			<i>For Stainless Steel, Add</i>	92.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.86	
			<i>For &gt;50 To 100, Deduct</i>	-2.39	
			<i>For &gt;100, Deduct</i>	-4.78	
03 15 19 00-0084	EA		1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	50.53	
			<i>For Galvanized, Add</i>	14.70	
			<i>For Stainless Steel, Add</i>	102.87	
			<i>For &gt;10 To 50, Deduct</i>	-1.06	
			<i>For &gt;50 To 100, Deduct</i>	-2.85	
			<i>For &gt;100, Deduct</i>	-5.70	
03 15 19 00-0085	EA		1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	34.58	
			<i>For Galvanized, Add</i>	12.53	
			<i>For Stainless Steel, Add</i>	87.71	
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.58	
			<i>For &gt;100, Deduct</i>	-3.16	
03 15 19 00-0086	EA		1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	36.18	
			<i>For Galvanized, Add</i>	12.81	
			<i>For Stainless Steel, Add</i>	89.64	
			<i>For &gt;10 To 50, Deduct</i>	-0.53	
			<i>For &gt;50 To 100, Deduct</i>	-1.70	
			<i>For &gt;100, Deduct</i>	-3.39	
03 15 19 00-0087	EA		1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	37.21	
			<i>For Galvanized, Add</i>	13.01	
			<i>For Stainless Steel, Add</i>	91.07	
			<i>For &gt;10 To 50, Deduct</i>	-0.56	
			<i>For &gt;50 To 100, Deduct</i>	-1.77	
			<i>For &gt;100, Deduct</i>	-3.54	
03 15 19 00-0088	EA		1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	41.94	
			<i>For Galvanized, Add</i>	15.03	
			<i>For Stainless Steel, Add</i>	105.18	
			<i>For &gt;10 To 50, Deduct</i>	-0.59	
			<i>For &gt;50 To 100, Deduct</i>	-1.94	
			<i>For &gt;100, Deduct</i>	-3.88	
03 15 19 00-0089	EA		1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	48.28	
			<i>For Galvanized, Add</i>	17.35	
			<i>For Stainless Steel, Add</i>	121.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.68	
			<i>For &gt;50 To 100, Deduct</i>	-2.23	
			<i>For &gt;100, Deduct</i>	-4.45	
03 15 19 00-0090	EA		1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	51.01	
			<i>For Galvanized, Add</i>	17.58	
			<i>For Stainless Steel, Add</i>	123.03	
			<i>For &gt;10 To 50, Deduct</i>	-0.79	
			<i>For &gt;50 To 100, Deduct</i>	-2.46	
			<i>For &gt;100, Deduct</i>	-4.93	
03 15 19 00-0091	EA		1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	56.97	
			<i>For Galvanized, Add</i>	18.98	
			<i>For Stainless Steel, Add</i>	132.83	
			<i>For &gt;10 To 50, Deduct</i>	-0.95	
			<i>For &gt;50 To 100, Deduct</i>	-2.85	
			<i>For &gt;100, Deduct</i>	-5.70	
03 15 19 00-0092	EA		1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	64.66	
			<i>For Galvanized, Add</i>	20.44	
			<i>For Stainless Steel, Add</i>	143.08	
			<i>For &gt;10 To 50, Deduct</i>	-1.19	
			<i>For &gt;50 To 100, Deduct</i>	-3.40	
			<i>For &gt;100, Deduct</i>	-6.80	
03 15 19 00-0093	EA		2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	49.34	
			<i>For Galvanized, Add</i>	19.08	
			<i>For Stainless Steel, Add</i>	133.53	
			<i>For &gt;10 To 50, Deduct</i>	-0.56	
			<i>For &gt;50 To 100, Deduct</i>	-2.07	
			<i>For &gt;100, Deduct</i>	-4.15	
03 15 19 00-0094	EA		2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	53.92	
			<i>For Galvanized, Add</i>	20.62	
			<i>For Stainless Steel, Add</i>	144.34	
			<i>For &gt;10 To 50, Deduct</i>	-0.63	
			<i>For &gt;50 To 100, Deduct</i>	-2.30	
			<i>For &gt;100, Deduct</i>	-4.60	

**03 Concrete****03 10 Concrete Forming And Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0095	EA 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	59.59	
	<i>For Galvanized, Add</i>	22.48	
	<i>For Stainless Steel, Add</i>	157.36	
	<i>For &gt;10 To 50, Deduct</i>	-0.73	
	<i>For &gt;50 To 100, Deduct</i>	-2.59	
	<i>For &gt;100, Deduct</i>	-5.17	
03 15 19 00-0096	EA 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	64.90	
	<i>For Galvanized, Add</i>	23.81	
	<i>For Stainless Steel, Add</i>	166.64	
	<i>For &gt;10 To 50, Deduct</i>	-0.86	
	<i>For &gt;50 To 100, Deduct</i>	-2.92	
	<i>For &gt;100, Deduct</i>	-5.84	
03 15 19 00-0097	EA 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	70.18	
	<i>For Galvanized, Add</i>	25.58	
	<i>For Stainless Steel, Add</i>	179.06	
	<i>For &gt;10 To 50, Deduct</i>	-0.95	
	<i>For &gt;50 To 100, Deduct</i>	-3.18	
	<i>For &gt;100, Deduct</i>	-6.36	
03 15 19 00-0098	EA 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	75.77	
	<i>For Galvanized, Add</i>	27.32	
	<i>For Stainless Steel, Add</i>	191.21	
	<i>For &gt;10 To 50, Deduct</i>	-1.06	
	<i>For &gt;50 To 100, Deduct</i>	-3.48	
	<i>For &gt;100, Deduct</i>	-6.96	
03 15 19 00-0099	EA 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	85.85	
	<i>For Galvanized, Add</i>	29.34	
	<i>For Stainless Steel, Add</i>	205.35	
	<i>For &gt;10 To 50, Deduct</i>	-1.36	
	<i>For &gt;50 To 100, Deduct</i>	-4.18	
	<i>For &gt;100, Deduct</i>	-8.37	
03 15 19 00-0100	EA 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	91.68	
	<i>For Galvanized, Add</i>	32.25	
	<i>For Stainless Steel, Add</i>	225.75	
	<i>For &gt;10 To 50, Deduct</i>	-1.36	
	<i>For &gt;50 To 100, Deduct</i>	-4.33	
	<i>For &gt;100, Deduct</i>	-8.66	
03 15 19 00-0101	EA 2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	103.40	
	<i>For Galvanized, Add</i>	35.85	
	<i>For Stainless Steel, Add</i>	250.95	
	<i>For &gt;10 To 50, Deduct</i>	-1.59	
	<i>For &gt;50 To 100, Deduct</i>	-4.96	
	<i>For &gt;100, Deduct</i>	-9.93	
<b>03 15 19 00-0102</b>	<b>2-1/2" And 2-3/4" Diameter</b> <small>(03 15 19 00-0036)</small>		
03 15 19 00-0103	EA 2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	95.95	
	<i>For Galvanized, Add</i>	42.38	
	<i>For Stainless Steel, Add</i>	296.66	
	<i>For &gt;10 To 50, Deduct</i>	-0.56	
	<i>For &gt;50 To 100, Deduct</i>	-3.24	
	<i>For &gt;100, Deduct</i>	-6.48	
03 15 19 00-0104	EA 2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	101.28	
	<i>For Galvanized, Add</i>	44.30	
	<i>For Stainless Steel, Add</i>	310.10	
	<i>For &gt;10 To 50, Deduct</i>	-0.63	
	<i>For &gt;50 To 100, Deduct</i>	-3.48	
	<i>For &gt;100, Deduct</i>	-6.97	
03 15 19 00-0105	EA 2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	110.71	
	<i>For Galvanized, Add</i>	48.04	
	<i>For Stainless Steel, Add</i>	336.28	
	<i>For &gt;10 To 50, Deduct</i>	-0.73	
	<i>For &gt;50 To 100, Deduct</i>	-3.87	
	<i>For &gt;100, Deduct</i>	-7.73	
03 15 19 00-0106	EA 2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	118.55	
	<i>For Galvanized, Add</i>	50.63	
	<i>For Stainless Steel, Add</i>	354.41	
	<i>For &gt;10 To 50, Deduct</i>	-0.86	
	<i>For &gt;50 To 100, Deduct</i>	-4.26	
	<i>For &gt;100, Deduct</i>	-8.52	
03 15 19 00-0107	EA 2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	125.70	
	<i>For Galvanized, Add</i>	53.34	
	<i>For Stainless Steel, Add</i>	373.38	
	<i>For &gt;10 To 50, Deduct</i>	-0.95	
	<i>For &gt;50 To 100, Deduct</i>	-4.57	
	<i>For &gt;100, Deduct</i>	-9.14	
03 15 19 00-0108	EA 2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	133.90	
	<i>For Galvanized, Add</i>	56.38	
	<i>For Stainless Steel, Add</i>	394.66	
	<i>For &gt;10 To 50, Deduct</i>	-1.06	
	<i>For &gt;50 To 100, Deduct</i>	-4.93	
	<i>For &gt;100, Deduct</i>	-9.87	



<b>Concrete</b>	<b>03</b>	<b>CS</b>	
<b>Concrete Forming And Accessories</b>			<b>03 10</b>
<b>Concrete Accessories</b>			<b>03 15</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0109 EA 2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	146.17	
For Galvanized, Add	59.50	
For Stainless Steel, Add	416.47	
For >10 To 50, Deduct	-1.36	
For >50 To 100, Deduct	-5.69	
For >100, Deduct	-11.39	
03 15 19 00-0110 EA 2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	107.84	
For Galvanized, Add	47.98	
For Stainless Steel, Add	335.83	
For >10 To 50, Deduct	-0.59	
For >50 To 100, Deduct	-3.59	
For >100, Deduct	-7.18	
03 15 19 00-0111 EA 2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	116.23	
For Galvanized, Add	51.32	
For Stainless Steel, Add	359.24	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-3.93	
For >100, Deduct	-7.85	
03 15 19 00-0112 EA 2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	125.25	
For Galvanized, Add	54.70	
For Stainless Steel, Add	382.87	
For >10 To 50, Deduct	-0.79	
For >50 To 100, Deduct	-4.32	
For >100, Deduct	-8.64	
03 15 19 00-0113 EA 2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	134.49	
For Galvanized, Add	57.74	
For Stainless Steel, Add	404.15	
For >10 To 50, Deduct	-0.95	
For >50 To 100, Deduct	-4.79	
For >100, Deduct	-9.58	
03 15 19 00-0114 EA 2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	143.26	
For Galvanized, Add	61.06	
For Stainless Steel, Add	427.42	
For >10 To 50, Deduct	-1.06	
For >50 To 100, Deduct	-5.17	
For >100, Deduct	-10.33	
03 15 19 00-0115 EA 2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	155.33	
For Galvanized, Add	65.78	
For Stainless Steel, Add	460.43	
For >10 To 50, Deduct	-1.19	
For >50 To 100, Deduct	-5.67	
For >100, Deduct	-11.33	
03 15 19 00-0116 EA 2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	170.48	
For Galvanized, Add	69.39	
For Stainless Steel, Add	485.73	
For >10 To 50, Deduct	-1.59	
For >50 To 100, Deduct	-6.64	
For >100, Deduct	-13.28	

### 03 20 Concrete Reinforcing <sup>(03)</sup>

Note: Includes cutting or torching to size, bending where necessary and tie wires.

### 03 21 Reinforcement Bars <sup>(03 20)</sup>

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

### 03 21 11 Plain Steel Reinforcement Bars <sup>(03 21)</sup>

#### 03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar <sup>(03 21 11)</sup>

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002 LF #3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.42
03 21 11 00-0003 LF #4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.70
03 21 11 00-0004 LF #5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.05
03 21 11 00-0005 LF #6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.44
03 21 11 00-0006 LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.43
03 21 11 00-0007 LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.71
03 21 11 00-0008 LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.07
03 21 11 00-0009 LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.48
03 21 11 00-0010 LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.44
03 21 11 00-0011 LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.74
03 21 11 00-0012 LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.11
03 21 11 00-0013 LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.53
03 21 11 00-0014 LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.99
03 21 11 00-0015 LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.48
03 21 11 00-0016 LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.03
03 21 11 00-0017 LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.70
03 21 11 00-0018 LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.39
03 21 11 00-0019 LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.07
03 21 11 00-0020 LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	10.36
03 21 11 00-0021 LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	1.58
03 21 11 00-0022 LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.06
03 21 11 00-0023 LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.57
03 21 11 00-0024 LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.15

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.84
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.57
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.32
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	10.82
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.45
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.75
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.13
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.56
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.04
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.54
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.12
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.81
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.52
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.26
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	10.71

### 03 21 11 00-0040 Columns, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.44
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	0.75
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.11
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	1.52
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.45
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	0.76
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.13
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	1.56
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.46
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	0.79
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.17
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	1.61
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	2.08
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	2.58
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	3.16
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	3.85
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	4.56
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	6.30
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	10.70
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	1.66
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	2.15
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	2.67
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	3.28
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	3.99
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	4.74
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	6.55
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	11.16
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.47
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.80
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.19
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.64
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.13
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.64
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.25
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.96
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.69
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.49
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	11.05

### 03 21 11 00-0079 Footings, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.38
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.65
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	0.97
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	1.32
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.39
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	0.66
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	0.99
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	1.36
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.40
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	0.69
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.03
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	1.41
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	1.84
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	2.31
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	2.83
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	3.47
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	4.14
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	5.75
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	9.83
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	1.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0100 LF #7, Grade 75, Footings, Steel Reinforcement Bar .....	1.91	
03 21 11 00-0101 LF #8, Grade 75, Footings, Steel Reinforcement Bar .....	2.40	
03 21 11 00-0102 LF #9, Grade 75, Footings, Steel Reinforcement Bar .....	2.95	
03 21 11 00-0103 LF #10, Grade 75, Footings, Steel Reinforcement Bar .....	3.61	
03 21 11 00-0104 LF #11, Grade 75, Footings, Steel Reinforcement Bar .....	4.32	
03 21 11 00-0105 LF #14, Grade 75, Footings, Steel Reinforcement Bar .....	6.00	
03 21 11 00-0106 LF #18, Grade 75, Footings, Steel Reinforcement Bar .....	10.29	
03 21 11 00-0107 LF #3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	0.41	
03 21 11 00-0108 LF #4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	0.70	
03 21 11 00-0109 LF #5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	1.05	
03 21 11 00-0110 LF #6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	1.44	
03 21 11 00-0111 LF #7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	1.89	
03 21 11 00-0112 LF #8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	2.37	
03 21 11 00-0113 LF #9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	2.92	
03 21 11 00-0114 LF #10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	3.58	
03 21 11 00-0115 LF #11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	4.27	
03 21 11 00-0116 LF #14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	5.94	
03 21 11 00-0117 LF #18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	10.18	

**03 21 11 00-0118**

**Slab On Grade, Steel Reinforcement Bar** (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119 LF #3, Grade 40, Slab On Grade, Steel Reinforcement Bar .....	0.37	
03 21 11 00-0120 LF #4, Grade 40, Slab On Grade, Steel Reinforcement Bar .....	0.63	
03 21 11 00-0121 LF #5, Grade 40, Slab On Grade, Steel Reinforcement Bar .....	0.94	
03 21 11 00-0122 LF #6, Grade 40, Slab On Grade, Steel Reinforcement Bar .....	1.29	
03 21 11 00-0123 LF #3, Grade 50, Slab On Grade, Steel Reinforcement Bar .....	0.38	
03 21 11 00-0124 LF #4, Grade 50, Slab On Grade, Steel Reinforcement Bar .....	0.64	
03 21 11 00-0125 LF #5, Grade 50, Slab On Grade, Steel Reinforcement Bar .....	0.96	
03 21 11 00-0126 LF #6, Grade 50, Slab On Grade, Steel Reinforcement Bar .....	1.33	
03 21 11 00-0127 LF #3, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	0.39	
03 21 11 00-0128 LF #4, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	0.67	
03 21 11 00-0129 LF #5, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	1.00	
03 21 11 00-0130 LF #6, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	1.38	
03 21 11 00-0131 LF #7, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	1.79	
03 21 11 00-0132 LF #8, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	2.24	
03 21 11 00-0133 LF #9, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	2.76	
03 21 11 00-0134 LF #10, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	3.39	
03 21 11 00-0135 LF #11, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	4.05	
03 21 11 00-0136 LF #14, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	5.63	
03 21 11 00-0137 LF #18, Grade 60, Slab On Grade, Steel Reinforcement Bar .....	9.65	
03 21 11 00-0138 LF #6, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	1.43	
03 21 11 00-0139 LF #7, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	1.86	
03 21 11 00-0140 LF #8, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	2.33	
03 21 11 00-0141 LF #9, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	2.88	
03 21 11 00-0142 LF #10, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	3.53	
03 21 11 00-0143 LF #11, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	4.23	
03 21 11 00-0144 LF #14, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	5.88	
03 21 11 00-0145 LF #18, Grade 75, Slab On Grade, Steel Reinforcement Bar .....	10.11	
03 21 11 00-0146 LF #3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	0.40	
03 21 11 00-0147 LF #4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	0.68	
03 21 11 00-0148 LF #5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	1.02	
03 21 11 00-0149 LF #6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	1.41	
03 21 11 00-0150 LF #7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	1.84	
03 21 11 00-0151 LF #8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	2.30	
03 21 11 00-0152 LF #9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	2.85	
03 21 11 00-0153 LF #10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	3.50	
03 21 11 00-0154 LF #11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	4.18	
03 21 11 00-0155 LF #14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	5.82	
03 21 11 00-0156 LF #18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar .....	10.00	

**03 21 11 00-0157**

**Elevated Slabs, Steel Reinforcement Bar** (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158 LF #3, Grade 40, Elevated Slabs, Steel Reinforcement Bar .....	0.34	
03 21 11 00-0159 LF #4, Grade 40, Elevated Slabs, Steel Reinforcement Bar .....	0.58	
03 21 11 00-0160 LF #5, Grade 40, Elevated Slabs, Steel Reinforcement Bar .....	0.88	
03 21 11 00-0161 LF #6, Grade 40, Elevated Slabs, Steel Reinforcement Bar .....	1.21	
03 21 11 00-0162 LF #3, Grade 50, Elevated Slabs, Steel Reinforcement Bar .....	0.35	
03 21 11 00-0163 LF #4, Grade 50, Elevated Slabs, Steel Reinforcement Bar .....	0.59	
03 21 11 00-0164 LF #5, Grade 50, Elevated Slabs, Steel Reinforcement Bar .....	0.90	
03 21 11 00-0165 LF #6, Grade 50, Elevated Slabs, Steel Reinforcement Bar .....	1.25	
03 21 11 00-0166 LF #3, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	0.36	
03 21 11 00-0167 LF #4, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	0.62	
03 21 11 00-0168 LF #5, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	0.94	
03 21 11 00-0169 LF #6, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	1.30	
03 21 11 00-0170 LF #7, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	1.70	
03 21 11 00-0171 LF #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	2.13	
03 21 11 00-0172 LF #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	2.63	
03 21 11 00-0173 LF #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	3.24	
03 21 11 00-0174 LF #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	3.88	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	5.41
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	9.30
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	1.35
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	1.77
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	2.22
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	2.75
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	3.38
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	4.06
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	5.66
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	9.76
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	0.37
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	0.63
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	0.96
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	1.33
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	1.75
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	2.19
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	2.72
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	3.35
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	4.01
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	5.60
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	9.65

**03 21 11 00-0196** Walls, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar .....	0.33
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar .....	0.56
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar .....	0.85
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar .....	1.17
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar .....	0.34
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar .....	0.57
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar .....	0.87
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar .....	1.21
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar .....	0.35
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar .....	0.60
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar .....	0.91
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar .....	1.26
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar .....	1.65
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar .....	2.07
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar .....	2.56
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar .....	3.17
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar .....	3.80
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar .....	5.31
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar .....	9.13
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar .....	1.31
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar .....	1.72
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar .....	2.16
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar .....	2.68
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar .....	3.31
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar .....	3.98
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar .....	5.56
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar .....	9.59
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	0.36
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	0.61
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	0.93
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	1.29
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	1.70
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	2.13
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	2.65
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	3.28
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	3.93
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	5.50
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	9.48

**03 21 11 00-0235** Mechanical Joint Connection (03 21 11)

**03 21 11 00-0236** Thermal Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice .....	138.53
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**03 21 11 00-0238** Screwed Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice.....	75.85
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**03 21 11 00-0240** Deformed Straight Dowels (03 21 11)



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0241 EA 3/8" Diameter x 24" Long, Deformed Straight Dowel ..... 1.42		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.17	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.13	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.34	
For Up To 12" Length, Deduct	-0.23	
For >12" To <24" Length, Deduct	-0.12	
For Metal Expansion Cap Or Sleeve, Add	0.16	
For Paint And Grease Applied To Free End, Add	0.07	
03 21 11 00-0242 EA 1/2" Diameter x 24" Long, Deformed Straight Dowel ..... 1.72		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.33	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.28	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.52	
For Up To 12" Length, Deduct	-0.30	
For >12" To <24" Length, Deduct	-0.15	
For Metal Expansion Cap Or Sleeve, Add	0.20	
For Paint And Grease Applied To Free End, Add	0.09	
03 21 11 00-0243 EA 5/8" Diameter x 24" Long, Deformed Straight Dowel ..... 2.21		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.39	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.34	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.60	
For Up To 12" Length, Deduct	-0.48	
For >12" To <24" Length, Deduct	-0.24	
For Metal Expansion Cap Or Sleeve, Add	0.29	
For Paint And Grease Applied To Free End, Add	0.11	
03 21 11 00-0244 EA 3/4" Diameter x 24" Long, Deformed Straight Dowel ..... 2.80		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.46	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.41	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.67	
For Up To 12" Length, Deduct	-0.70	
For >12" To <24" Length, Deduct	-0.35	
For Metal Expansion Cap Or Sleeve, Add	0.40	
For Paint And Grease Applied To Free End, Add	0.14	
03 21 11 00-0245 EA 7/8" Diameter x 24" Long, Deformed Straight Dowel ..... 3.45		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.42	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.37	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.63	
For Up To 12" Length, Deduct	-0.97	
For >12" To <24" Length, Deduct	-0.48	
For Metal Expansion Cap Or Sleeve, Add	0.54	
For Paint And Grease Applied To Free End, Add	0.17	
03 21 11 00-0246 EA 1" Diameter x 24" Long, Deformed Straight Dowel ..... 4.37		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.73	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.67	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.99	
For Up To 12" Length, Deduct	-1.24	
For >12" To <24" Length, Deduct	-0.62	
For Metal Expansion Cap Or Sleeve, Add	0.68	
For Paint And Grease Applied To Free End, Add	0.22	
03 21 11 00-0247 EA 1-1/8" Diameter x 24" Long, Deformed Straight Dowel ..... 5.24		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.91	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.84	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.20	
For Up To 12" Length, Deduct	-1.53	
For >12" To <24" Length, Deduct	-0.77	
For Metal Expansion Cap Or Sleeve, Add	0.84	
For Paint And Grease Applied To Free End, Add	0.26	
03 21 11 00-0248 EA 1-1/4" Diameter x 24" Long, Deformed Straight Dowel ..... 6.53		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.07	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.99	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.38	
For Up To 12" Length, Deduct	-2.00	
For >12" To <24" Length, Deduct	-1.00	
For Metal Expansion Cap Or Sleeve, Add	1.08	
For Paint And Grease Applied To Free End, Add	0.33	
03 21 11 00-0249 EA 1-3/8" Diameter x 24" Long, Deformed Straight Dowel ..... 7.85		
For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.25	
For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.17	
For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.59	
For Up To 12" Length, Deduct	-2.47	
For >12" To <24" Length, Deduct	-1.24	
For Metal Expansion Cap Or Sleeve, Add	1.32	
For Paint And Grease Applied To Free End, Add	0.39	
<b>03 21 11 00-0250 Spirals, Reinforcing Steel (0321 11)</b>		
03 21 11 00-0251 TON Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel ..... 3,215.80		
For Grade 75, Add	161.98	
03 21 11 00-0252 TON >15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel ..... 3,190.45		
For Grade 75, Add	161.98	
03 21 11 00-0253 TON >24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel ..... 3,190.45		
For Grade 75, Add	161.98	
03 21 11 00-0254 TON >36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel ..... 3,139.50		
For Grade 75, Add	161.98	
03 21 11 00-0255 TON >48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel ..... 3,096.76		
For Grade 75, Add	161.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0256 TON >64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel..... <i>For Grade 75, Add</i>	3,107.59 165.96	
03 21 11 00-0257 TON >84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel..... <i>For Grade 75, Add</i>	3,071.80 165.96	
<b>03 21 11 00-0258 Accessories For Reinforcing Steel</b> (03 21 11)		
<b>03 21 11 00-0259 Reinforcing Steel Weld Splice</b> (03 21 11 00-0258)		
03 21 11 00-0260 EA Up To #6 Reinforcing Steel Weld Splice .....	25.93	
03 21 11 00-0261 EA >#6 Reinforcing Steel Weld Splice.....	37.52	
<b>03 21 11 00-0262 Reinforcing Steel Sleeve And Wedge Splice Joint</b> (03 21 11 00-0258)		
03 21 11 00-0263 EA Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint .....	20.06	
03 21 11 00-0264 EA #5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	30.30	
03 21 11 00-0265 EA #6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	44.85	
<b>03 21 11 00-0266 Hook Bolt - Tie Rod Assembly</b> (03 21 11)		
03 21 11 00-0267 EA Hook Bolt Tie Rod Assembly, 5/8" Diameter..... Note: Galvanized steel. Includes two 8" hook bolts with 2" hook length and connector sleeve.	11.39	
<b>03 21 13 Galvanized Reinforcement Steel Bars</b> (03 21)		
<b>03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar</b> (03 21 13)		
Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002 LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.50	
03 21 13 00-0003 LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.85	
03 21 13 00-0004 LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.29	
03 21 13 00-0005 LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.79	
03 21 13 00-0006 LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.51	
03 21 13 00-0007 LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.87	
03 21 13 00-0008 LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.31	
03 21 13 00-0009 LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.82	
03 21 13 00-0010 LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.53	
03 21 13 00-0011 LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	0.89	
03 21 13 00-0012 LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.34	
03 21 13 00-0013 LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.87	
03 21 13 00-0014 LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.46	
03 21 13 00-0015 LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.09	
03 21 13 00-0016 LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.81	
03 21 13 00-0017 LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	4.68	
03 21 13 00-0018 LF #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	5.61	
03 21 13 00-0019 LF #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	7.82	
03 21 13 00-0020 LF #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar .....	13.48	
03 21 13 00-0021 LF #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	1.92	
03 21 13 00-0022 LF #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	2.53	
03 21 13 00-0023 LF #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.18	
03 21 13 00-0024 LF #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	3.93	
03 21 13 00-0025 LF #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	4.83	
03 21 13 00-0026 LF #11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	5.78	
03 21 13 00-0027 LF #14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	8.07	
03 21 13 00-0028 LF #18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar .....	13.94	
<b>03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar</b> (03 21 13)		
Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0030 LF #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	0.52	
03 21 13 00-0031 LF #4, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	0.90	
03 21 13 00-0032 LF #5, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	1.35	
03 21 13 00-0033 LF #6, Grade 40, Columns, Galvanized Steel Reinforcement Bar .....	1.87	
03 21 13 00-0034 LF #3, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	0.53	
03 21 13 00-0035 LF #4, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	0.92	
03 21 13 00-0036 LF #5, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	1.37	
03 21 13 00-0037 LF #6, Grade 50, Columns, Galvanized Steel Reinforcement Bar .....	1.90	
03 21 13 00-0038 LF #3, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	0.55	
03 21 13 00-0039 LF #4, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	0.94	
03 21 13 00-0040 LF #5, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	1.40	
03 21 13 00-0041 LF #6, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	1.95	
03 21 13 00-0042 LF #7, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	2.55	
03 21 13 00-0043 LF #8, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	3.19	
03 21 13 00-0044 LF #9, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	3.94	
03 21 13 00-0045 LF #10, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	4.83	
03 21 13 00-0046 LF #11, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	5.78	
03 21 13 00-0047 LF #14, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	8.05	
03 21 13 00-0048 LF #18, Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	13.82	
03 21 13 00-0049 LF #6, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	2.00	
03 21 13 00-0050 LF #7, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	2.62	
03 21 13 00-0051 LF #8, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	3.28	



<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0052 LF #9, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	4.06	
03 21 13 00-0053 LF #10, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	4.98	
03 21 13 00-0054 LF #11, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	5.95	
03 21 13 00-0055 LF #14, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	8.30	
03 21 13 00-0056 LF #18, Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	14.28	

**03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058 LF #3, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	0.46
03 21 13 00-0059 LF #4, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	0.80
03 21 13 00-0060 LF #5, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	1.21
03 21 13 00-0061 LF #6, Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	1.67
03 21 13 00-0062 LF #3, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	0.47
03 21 13 00-0063 LF #4, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	0.82
03 21 13 00-0064 LF #5, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.23
03 21 13 00-0065 LF #6, Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.70
03 21 13 00-0066 LF #3, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	0.49
03 21 13 00-0067 LF #4, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	0.84
03 21 13 00-0068 LF #5, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	1.26
03 21 13 00-0069 LF #6, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	1.75
03 21 13 00-0070 LF #7, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	2.31
03 21 13 00-0071 LF #8, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	2.92
03 21 13 00-0072 LF #9, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	3.61
03 21 13 00-0073 LF #10, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	4.45
03 21 13 00-0074 LF #11, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	5.36
03 21 13 00-0075 LF #14, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	7.50
03 21 13 00-0076 LF #18, Grade 60, Footings, Galvanized Steel Reinforcement Bar .....	12.95
03 21 13 00-0077 LF #6, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	1.80
03 21 13 00-0078 LF #7, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	2.38
03 21 13 00-0079 LF #8, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	3.01
03 21 13 00-0080 LF #9, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	3.73
03 21 13 00-0081 LF #10, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	4.60
03 21 13 00-0082 LF #11, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	5.53
03 21 13 00-0083 LF #14, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	7.75
03 21 13 00-0084 LF #18, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....	13.41

**03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086 LF #3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.45
03 21 13 00-0087 LF #4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.78
03 21 13 00-0088 LF #5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.18
03 21 13 00-0089 LF #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.64
03 21 13 00-0090 LF #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.46
03 21 13 00-0091 LF #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.80
03 21 13 00-0092 LF #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.20
03 21 13 00-0093 LF #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.67
03 21 13 00-0094 LF #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.48
03 21 13 00-0095 LF #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.82
03 21 13 00-0096 LF #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.23
03 21 13 00-0097 LF #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.72
03 21 13 00-0098 LF #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.26
03 21 13 00-0099 LF #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.85
03 21 13 00-0100 LF #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.54
03 21 13 00-0101 LF #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.37
03 21 13 00-0102 LF #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	5.27
03 21 13 00-0103 LF #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	7.38
03 21 13 00-0104 LF #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	12.77
03 21 13 00-0105 LF #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.77
03 21 13 00-0106 LF #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.33
03 21 13 00-0107 LF #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.94
03 21 13 00-0108 LF #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.66
03 21 13 00-0109 LF #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.52
03 21 13 00-0110 LF #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	5.44
03 21 13 00-0111 LF #14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	7.63
03 21 13 00-0112 LF #18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	13.23

**03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)**

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114 LF #3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.42
03 21 13 00-0115 LF #4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.73
03 21 13 00-0116 LF #5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.12
03 21 13 00-0117 LF #6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.56
03 21 13 00-0118 LF #3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.43
03 21 13 00-0119 LF #4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.75
03 21 13 00-0120 LF #5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.14
03 21 13 00-0121 LF #6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.59
03 21 13 00-0122 LF #3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.45
03 21 13 00-0123 LF #4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.77

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.17
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.64
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.17
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.74
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.41
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.22
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.10
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.16
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.42
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.69
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.24
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.83
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.53
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.37
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.27
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.41
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.88

### 03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.41
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.71
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.09
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.52
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.42
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.73
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.11
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.55
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.44
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.75
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.14
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.60
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.12
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.68
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.34
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.15
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.02
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.06
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	12.25
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	1.65
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.19
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.77
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.46
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.30
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.19
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.31
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	12.71

### 03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

#### 03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.50
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.84
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.26
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.75
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.50
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.85
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.28
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.78
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.52
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.87
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.32
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.83
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.41
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.02
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.73
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.58
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.47
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.63
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	13.14
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.88
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.48
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.11
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.84
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.72
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.65
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.88
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	13.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**03 21 16 00-0029**

**Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3,	Grade 40,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.52
03 21 16 00-0031	LF	#4,	Grade 40,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.89
03 21 16 00-0032	LF	#5,	Grade 40,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.32
03 21 16 00-0033	LF	#6,	Grade 40,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.83
03 21 16 00-0034	LF	#3,	Grade 50,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.52
03 21 16 00-0035	LF	#4,	Grade 50,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.90
03 21 16 00-0036	LF	#5,	Grade 50,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.34
03 21 16 00-0037	LF	#6,	Grade 50,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.86
03 21 16 00-0038	LF	#3,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.54
03 21 16 00-0039	LF	#4,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	0.92
03 21 16 00-0040	LF	#5,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.38
03 21 16 00-0041	LF	#6,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.91
03 21 16 00-0042	LF	#7,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	2.50
03 21 16 00-0043	LF	#8,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	3.12
03 21 16 00-0044	LF	#9,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	3.86
03 21 16 00-0045	LF	#10,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	4.73
03 21 16 00-0046	LF	#11,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	5.64
03 21 16 00-0047	LF	#14,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	7.86
03 21 16 00-0048	LF	#18,	Grade 60,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	13.48
03 21 16 00-0049	LF	#6,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	1.96
03 21 16 00-0050	LF	#7,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	2.57
03 21 16 00-0051	LF	#8,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	3.21
03 21 16 00-0052	LF	#9,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	3.97
03 21 16 00-0053	LF	#10,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	4.87
03 21 16 00-0054	LF	#11,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	5.82
03 21 16 00-0055	LF	#14,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	8.11
03 21 16 00-0056	LF	#18,	Grade 75,	Columns,	Epoxy Coated Steel Reinforcement Bar	.....	13.94

**03 21 16 00-0057**

**Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3,	Grade 40,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.46
03 21 16 00-0059	LF	#4,	Grade 40,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.79
03 21 16 00-0060	LF	#5,	Grade 40,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.18
03 21 16 00-0061	LF	#6,	Grade 40,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.63
03 21 16 00-0062	LF	#3,	Grade 50,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.46
03 21 16 00-0063	LF	#4,	Grade 50,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.80
03 21 16 00-0064	LF	#5,	Grade 50,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.20
03 21 16 00-0065	LF	#6,	Grade 50,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.66
03 21 16 00-0066	LF	#3,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.48
03 21 16 00-0067	LF	#4,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	0.82
03 21 16 00-0068	LF	#5,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.24
03 21 16 00-0069	LF	#6,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.71
03 21 16 00-0070	LF	#7,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	2.26
03 21 16 00-0071	LF	#8,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	2.85
03 21 16 00-0072	LF	#9,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	3.53
03 21 16 00-0073	LF	#10,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	4.35
03 21 16 00-0074	LF	#11,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	5.22
03 21 16 00-0075	LF	#14,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	7.31
03 21 16 00-0076	LF	#18,	Grade 60,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	12.61
03 21 16 00-0077	LF	#6,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	1.76
03 21 16 00-0078	LF	#7,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	2.33
03 21 16 00-0079	LF	#8,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	2.94
03 21 16 00-0080	LF	#9,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	3.64
03 21 16 00-0081	LF	#10,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	4.49
03 21 16 00-0082	LF	#11,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	5.40
03 21 16 00-0083	LF	#14,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	7.56
03 21 16 00-0084	LF	#18,	Grade 75,	Footings,	Epoxy Coated Steel Reinforcement Bar	.....	13.07

**03 21 16 00-0085**

**Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16)**

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3,	Grade 40,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.45
03 21 16 00-0087	LF	#4,	Grade 40,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.77
03 21 16 00-0088	LF	#5,	Grade 40,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.15
03 21 16 00-0089	LF	#6,	Grade 40,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.60
03 21 16 00-0090	LF	#3,	Grade 50,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.45
03 21 16 00-0091	LF	#4,	Grade 50,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.78
03 21 16 00-0092	LF	#5,	Grade 50,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.17
03 21 16 00-0093	LF	#6,	Grade 50,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.63
03 21 16 00-0094	LF	#3,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.47
03 21 16 00-0095	LF	#4,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	0.80
03 21 16 00-0096	LF	#5,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.21
03 21 16 00-0097	LF	#6,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	1.68
03 21 16 00-0098	LF	#7,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	2.21
03 21 16 00-0099	LF	#8,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	2.78
03 21 16 00-0100	LF	#9,	Grade 60,	Slab On Grade,	Epoxy Coated Steel Reinforcement Bar	.....	3.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.27	
03 21	16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.13	
03 21	16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.19	
03 21	16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.43	
03 21	16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.73	
03 21	16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.28	
03 21	16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.87	
03 21	16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.57	
03 21	16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.41	
03 21	16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.31	
03 21	16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.44	
03 21	16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.89	
<b>03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)</b>					
Note: ASTM A-775 Epoxy Coated Steel.					
03 21	16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.42	
03 21	16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.72	
03 21	16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.09	
03 21	16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.52	
03 21	16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.42	
03 21	16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.73	
03 21	16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.11	
03 21	16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.55	
03 21	16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.44	
03 21	16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.75	
03 21	16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.15	
03 21	16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.60	
03 21	16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.12	
03 21	16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.67	
03 21	16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.33	
03 21	16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.12	
03 21	16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.96	
03 21	16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.97	
03 21	16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	12.08	
03 21	16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.65	
03 21	16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.19	
03 21	16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.76	
03 21	16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.44	
03 21	16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.26	
03 21	16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.14	
03 21	16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.22	
03 21	16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	12.54	
<b>03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)</b>					
Note: ASTM A-775 Epoxy Coated Steel.					
03 21	16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.41	
03 21	16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.70	
03 21	16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.06	
03 21	16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.48	
03 21	16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.41	
03 21	16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.71	
03 21	16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.08	
03 21	16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.51	
03 21	16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.43	
03 21	16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.73	
03 21	16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.12	
03 21	16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.56	
03 21	16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.07	
03 21	16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.61	
03 21	16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.26	
03 21	16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.05	
03 21	16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.88	
03 21	16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.87	
03 21	16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	11.91	
03 21	16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.61	
03 21	16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.14	
03 21	16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.70	
03 21	16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.37	
03 21	16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.19	
03 21	16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.06	
03 21	16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.12	
03 21	16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	12.37	
<b>03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)</b>					





<b>Concrete</b>	<b>03</b>	<b>CS</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0170	EA		3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	1.72	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.26	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.22	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.45	
			<i>For Up To 12" Length, Deduct</i>	-0.32	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.16	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.21	
03 21 16 00-0171	EA		1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	2.19	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.33	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.28	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.52	
			<i>For Up To 12" Length, Deduct</i>	-0.49	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.25	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.29	
03 21 16 00-0172	EA		5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	2.84	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.39	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.34	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.60	
			<i>For Up To 12" Length, Deduct</i>	-0.73	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.37	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.42	
03 21 16 00-0173	EA		3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	3.49	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.46	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.41	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.67	
			<i>For Up To 12" Length, Deduct</i>	-0.97	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.49	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.54	
03 21 16 00-0174	EA		7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.47	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.59	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.53	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.82	
			<i>For Up To 12" Length, Deduct</i>	-1.32	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.66	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.72	
03 21 16 00-0175	EA		1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.35	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.73	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.67	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	1.99	
			<i>For Up To 12" Length, Deduct</i>	-1.63	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.82	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	0.88	
03 21 16 00-0176	EA		1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.42	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.00	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.93	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.30	
			<i>For Up To 12" Length, Deduct</i>	-1.98	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.99	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	1.06	
03 21 16 00-0177	EA		1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.72	
			<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.34	
			<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.26	
			<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.69	
			<i>For Up To 12" Length, Deduct</i>	-2.39	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-1.20	
			<i>For Metal Expansion Cap Or Sleeve, Add</i>	1.28	

**03 22 Fabric And Grid Reinforcing** (03 20)

**03 22 11 Plain Welded Wire Fabric Reinforcing** (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

**03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF		6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.53	
			<i>For &gt;5 Ton, Deduct</i>	-0.08	
03 22 11 00-0003	SF		6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.60	
			<i>For &gt;5 Ton, Deduct</i>	-0.09	
03 22 11 00-0004	SF		6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.69	
			<i>For &gt;5 Ton, Deduct</i>	-0.10	
03 22 11 00-0005	SF		6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	0.82	
			<i>For &gt;5 Ton, Deduct</i>	-0.11	
03 22 11 00-0006	SF		4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.63	
			<i>For &gt;5 Ton, Deduct</i>	-0.09	
03 22 11 00-0007	SF		4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.72	
			<i>For &gt;5 Ton, Deduct</i>	-0.10	
03 22 11 00-0008	SF		4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.92	
			<i>For &gt;5 Ton, Deduct</i>	-0.12	
03 22 11 00-0009	SF		4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.07	
			<i>For &gt;5 Ton, Deduct</i>	-0.14	
03 22 11 00-0010	SF		2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9).....	1.01	
			<i>For &gt;5 Ton, Deduct</i>	-0.13	

**03 22 13 Galvanized Welded Wire Fabric Reinforcing** (03 22)

<b>03</b>	<b>Concrete</b>
<b>03 20</b>	<b>Concrete Reinforcing</b>
<b>03 22</b>	<b>Fabric And Grid Reinforcing</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>03 22 13 00-0001</b>	<b>Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> <small>(03 22 13)</small>	
	Note: Includes bar chairs. Under 5 tons.	
03 22 13 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.60
	<i>For &gt;5 Ton, Deduct</i>	-0.09
03 22 13 00-0003	SF 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.68
	<i>For &gt;5 Ton, Deduct</i>	-0.10
03 22 13 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.79
	<i>For &gt;5 Ton, Deduct</i>	-0.11
03 22 13 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	0.96
	<i>For &gt;5 Ton, Deduct</i>	-0.13
03 22 13 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.72
	<i>For &gt;5 Ton, Deduct</i>	-0.10
03 22 13 00-0007	SF 4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.83
	<i>For &gt;5 Ton, Deduct</i>	-0.11
03 22 13 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.10
	<i>For &gt;5 Ton, Deduct</i>	-0.14
03 22 13 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.30
	<i>For &gt;5 Ton, Deduct</i>	-0.17

<b>03 22 13 00-0010</b>	<b>Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns</b> <small>(03 22 13)</small>	
	Note: Includes bar chairs. Under 5 tons.	
03 22 13 00-0011	SF 2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5).....	2.05
	<i>For &gt;5 Ton, Deduct</i>	-0.32

### 03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)

<b>03 22 16 00-0001</b>	<b>Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs</b> <small>(03 22 16)</small>	
	Note: Includes bar chairs. Under 5 tons.	
03 22 16 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.59
	<i>For &gt;5 Ton, Deduct</i>	-0.08
03 22 16 00-0003	SF 6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.67
	<i>For &gt;5 Ton, Deduct</i>	-0.10
03 22 16 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.78
	<i>For &gt;5 Ton, Deduct</i>	-0.11
03 22 16 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	0.95
	<i>For &gt;5 Ton, Deduct</i>	-0.13
03 22 16 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.71
	<i>For &gt;5 Ton, Deduct</i>	-0.10
03 22 16 00-0007	SF 4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.82
	<i>For &gt;5 Ton, Deduct</i>	-0.11
03 22 16 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.08
	<i>For &gt;5 Ton, Deduct</i>	-0.14
03 22 16 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.27
	<i>For &gt;5 Ton, Deduct</i>	-0.16

### 03 30 Cast-In-Place Concrete (03)

See CSI section 01 74 19 00-0029 for hauling over 15 miles.

### 03 31 Structural Concrete (03 30)

#### 03 31 13 Heavyweight Structural Concrete (03 31)

Note: Includes delivery and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 00 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

<b>03 31 13 00-0001</b>	<b>Concrete Assemblies</b> <small>(03 31 13)</small>	
<b>03 31 13 00-0002</b>	<b>3,000 PSI Slab On Grade Concrete Slabs Assemblies</b> <small>(03 31 13 00-0001)</small>	
	Note: Includes forms, welded wire reinforcement (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing. See CSI section 03 05 00 00-0001 for color additive alternative, 03 31 13 00-0085 for concrete pumping equipment.	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003 SF 4" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	4.30	
For 2,000 PSI Concrete, Deduct	-0.14	
For 2,500 PSI Concrete, Deduct	-0.07	
For 3,500 PSI Concrete, Add	0.05	
For 4,000 PSI Concrete, Add	0.16	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	1.57	
For >500 To 1,000, Add	1.09	
For >1,000 To 2,000, Add	0.61	
For >2,000 To 5,000, Add	0.30	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000 To 35,000, Deduct	-0.23	
For >35,000 To 50,000, Deduct	-0.34	
For >50,000 To 70,000, Deduct	-0.45	
For >70,000, Deduct	-0.56	
03 31 13 00-0004 SF 5" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	4.72	
For 2,000 PSI Concrete, Deduct	-0.15	
For 2,500 PSI Concrete, Deduct	-0.08	
For 3,500 PSI Concrete, Add	0.05	
For 4,000 PSI Concrete, Add	0.18	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	1.68	
For >500 To 1,000, Add	1.17	
For >1,000 To 2,000, Add	0.66	
For >2,000 To 5,000, Add	0.33	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000 To 35,000, Deduct	-0.26	
For >35,000 To 50,000, Deduct	-0.38	
For >50,000 To 70,000, Deduct	-0.50	
For >70,000, Deduct	-0.62	
03 31 13 00-0005 SF 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	5.33	
For 2,000 PSI Concrete, Deduct	-0.18	
For 2,500 PSI Concrete, Deduct	-0.09	
For 3,500 PSI Concrete, Add	0.06	
For 4,000 PSI Concrete, Add	0.21	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	1.85	
For >500 To 1,000, Add	1.29	
For >1,000 To 2,000, Add	0.73	
For >2,000 To 5,000, Add	0.37	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000 To 35,000, Deduct	-0.30	
For >35,000 To 50,000, Deduct	-0.43	
For >50,000 To 70,000, Deduct	-0.57	
For >70,000, Deduct	-0.70	
03 31 13 00-0006 SF 7" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	5.91	
For 2,000 PSI Concrete, Deduct	-0.21	
For 2,500 PSI Concrete, Deduct	-0.10	
For 3,500 PSI Concrete, Add	0.07	
For 4,000 PSI Concrete, Add	0.24	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	2.00	
For >500 To 1,000, Add	1.40	
For >1,000 To 2,000, Add	0.80	
For >2,000 To 5,000, Add	0.40	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000 To 35,000, Deduct	-0.34	
For >35,000 To 50,000, Deduct	-0.49	
For >50,000 To 70,000, Deduct	-0.64	
For >70,000, Deduct	-0.78	
03 31 13 00-0007 SF 8" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	6.41	
For 2,000 PSI Concrete, Deduct	-0.23	
For 2,500 PSI Concrete, Deduct	-0.12	
For 3,500 PSI Concrete, Add	0.08	
For 4,000 PSI Concrete, Add	0.27	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
For Up To 500, Add	2.13	
For >500 To 1,000, Add	1.49	
For >1,000 To 2,000, Add	0.85	
For >2,000 To 5,000, Add	0.43	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000 To 35,000, Deduct	-0.37	
For >35,000 To 50,000, Deduct	-0.53	
For >50,000 To 70,000, Deduct	-0.69	
For >70,000, Deduct	-0.86	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	7.70	
			<i>For 2,000 PSI Concrete, Deduct</i>	-0.29	
			<i>For 2,500 PSI Concrete, Deduct</i>	-0.15	
			<i>For 3,500 PSI Concrete, Add</i>	0.10	
			<i>For 4,000 PSI Concrete, Add</i>	0.34	
			<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13	
			<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40	
			<i>For Up To 500, Add</i>	2.46	
			<i>For &gt;500 To 1,000, Add</i>	1.73	
			<i>For &gt;1,000 To 2,000, Add</i>	1.00	
			<i>For &gt;2,000 To 5,000, Add</i>	0.50	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000 To 35,000, Deduct</i>	-0.46	
			<i>For &gt;35,000 To 50,000, Deduct</i>	-0.66	
			<i>For &gt;50,000 To 70,000, Deduct</i>	-0.85	
			<i>For &gt;70,000, Deduct</i>	-1.04	
03 31	13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly .....	8.68	
			<i>For 2,000 PSI Concrete, Deduct</i>	-0.34	
			<i>For 2,500 PSI Concrete, Deduct</i>	-0.17	
			<i>For 3,500 PSI Concrete, Add</i>	0.12	
			<i>For 4,000 PSI Concrete, Add</i>	0.39	
			<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.13	
			<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.40	
			<i>For Up To 500, Add</i>	2.72	
			<i>For &gt;500 To 1,000, Add</i>	1.92	
			<i>For &gt;1,000 To 2,000, Add</i>	1.11	
			<i>For &gt;2,000 To 5,000, Add</i>	0.56	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
			<i>For &gt;20,000 To 35,000, Deduct</i>	-0.53	
			<i>For &gt;35,000 To 50,000, Deduct</i>	-0.75	
			<i>For &gt;50,000 To 70,000, Deduct</i>	-0.96	
			<i>For &gt;70,000, Deduct</i>	-1.18	
03 31	13 00-0010		<b>Concrete Delivery And Placement</b> <small>(03 31 13)</small>		
			Note: Includes cleaning out equipment and standard concrete placement tests.		
03 31	13 00-0011		<b>Place Concrete By Method Indicated</b> <small>(03 31 13 00-0010)</small>		
			Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 31 13 00-0085 for concrete pumping equipment.		
03 31	13 00-0012		<b>Place Concrete Pile Caps</b> <small>(03 31 13 00-0011)</small>		
03 31	13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps .....	163.09	
			<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
			<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
			<i>For 3,500 PSI Concrete, Add</i>	5.21	
			<i>For 3,750 PSI Concrete, Add</i>	7.08	
			<i>For 4,000 PSI Concrete, Add</i>	8.96	
			<i>For 4,500 PSI Concrete, Add</i>	10.41	
			<i>For 5,000 PSI Concrete, Add</i>	11.87	
			<i>For 6,000 PSI Concrete, Add</i>	28.12	
			<i>For 7,500 PSI Concrete, Add</i>	69.83	
			<i>For White Cement Concrete, Add</i>	12.50	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
			<i>For Up To 20, Add</i>	23.58	
			<i>For &gt;20 To 50, Add</i>	8.84	
			<i>For &gt;100 To 200, Deduct</i>	-3.26	
			<i>For &gt;200 To 400, Deduct</i>	-6.52	
			<i>For &gt;400, Deduct</i>	-9.79	
03 31	13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps .....	129.79	
			<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
			<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
			<i>For 3,500 PSI Concrete, Add</i>	5.21	
			<i>For 3,750 PSI Concrete, Add</i>	7.08	
			<i>For 4,000 PSI Concrete, Add</i>	8.96	
			<i>For 4,500 PSI Concrete, Add</i>	10.41	
			<i>For 5,000 PSI Concrete, Add</i>	11.87	
			<i>For 6,000 PSI Concrete, Add</i>	28.12	
			<i>For 7,500 PSI Concrete, Add</i>	69.83	
			<i>For White Cement Concrete, Add</i>	12.50	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
			<i>For Up To 20, Add</i>	10.26	
			<i>For &gt;20 To 50, Add</i>	3.85	
			<i>For &gt;100 To 200, Deduct</i>	-2.60	
			<i>For &gt;200 To 400, Deduct</i>	-5.19	
			<i>For &gt;400, Deduct</i>	-7.79	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0015 CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps ..... 137.25 Note: Excludes pumping equipment. For 2,000 PSI Concrete, Deduct -6.09 For 2,500 PSI Concrete, Deduct -3.05 For 3,500 PSI Concrete, Add 5.64 For 3,750 PSI Concrete, Add 7.67 For 4,000 PSI Concrete, Add 9.70 For 4,500 PSI Concrete, Add 11.28 For 5,000 PSI Concrete, Add 12.86 For 6,000 PSI Concrete, Add 30.46 For 7,500 PSI Concrete, Add 75.65 For White Cement Concrete, Add 13.54 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add 14.67 For High Early Strength, Type 3 ASTM C150, Add 11.28 For Lightweight Aggregate, ASTM C330, Add 33.85 For Up To 20, Add 9.77 For >20 To 50, Add 3.66 For >100 To 200, Deduct -2.75 For >200 To 400, Deduct -5.49 For >400, Deduct -8.24		
<b>03 31 13 00-0016 Place Concrete Continuous Footings (03 31 13 00-0011)</b>		
03 31 13 00-0017 CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings..... 156.53 For 2,000 PSI Concrete, Deduct -5.62 For 2,500 PSI Concrete, Deduct -2.81 For 3,500 PSI Concrete, Add 5.21 For 3,750 PSI Concrete, Add 7.08 For 4,000 PSI Concrete, Add 8.96 For 4,500 PSI Concrete, Add 10.41 For 5,000 PSI Concrete, Add 11.87 For 6,000 PSI Concrete, Add 28.12 For 7,500 PSI Concrete, Add 69.83 For White Cement Concrete, Add 12.50 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add 13.54 For High Early Strength, Type 3 ASTM C150, Add 10.41 For Lightweight Aggregate, ASTM C330, Add 31.24 For Up To 20, Add 20.96 For >20 To 50, Add 7.86 For >100 To 200, Deduct -3.13 For >200 To 400, Deduct -6.26 For >400, Deduct -9.39		
03 31 13 00-0018 CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings..... 126.94 For 2,000 PSI Concrete, Deduct -5.62 For 2,500 PSI Concrete, Deduct -2.81 For 3,500 PSI Concrete, Add 5.21 For 3,750 PSI Concrete, Add 7.08 For 4,000 PSI Concrete, Add 8.96 For 4,500 PSI Concrete, Add 10.41 For 5,000 PSI Concrete, Add 11.87 For 6,000 PSI Concrete, Add 28.12 For 7,500 PSI Concrete, Add 69.83 For White Cement Concrete, Add 12.50 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add 13.54 For High Early Strength, Type 3 ASTM C150, Add 10.41 For Lightweight Aggregate, ASTM C330, Add 31.24 For Up To 20, Add 9.12 For >20 To 50, Add 3.42 For >100 To 200, Deduct -2.54 For >200 To 400, Deduct -5.08 For >400, Deduct -7.62		
03 31 13 00-0019 CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings..... 134.53 Note: Excludes pumping equipment. For 2,000 PSI Concrete, Deduct -6.09 For 2,500 PSI Concrete, Deduct -3.05 For 3,500 PSI Concrete, Add 5.64 For 3,750 PSI Concrete, Add 7.67 For 4,000 PSI Concrete, Add 9.70 For 4,500 PSI Concrete, Add 11.28 For 5,000 PSI Concrete, Add 12.86 For 6,000 PSI Concrete, Add 30.46 For 7,500 PSI Concrete, Add 75.65 For White Cement Concrete, Add 13.54 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add 14.67 For High Early Strength, Type 3 ASTM C150, Add 11.28 For Lightweight Aggregate, ASTM C330, Add 33.85 For Up To 20, Add 8.68 For >20 To 50, Add 3.26 For >100 To 200, Deduct -2.69 For >200 To 400, Deduct -5.38 For >400, Deduct -8.07		
<b>03 31 13 00-0020 Place Concrete Spread Footings (03 31 13 00-0011)</b>		

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings .....	192.56	
	<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
	<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
	<i>For 3,500 PSI Concrete, Add</i>	5.21	
	<i>For 3,750 PSI Concrete, Add</i>	7.08	
	<i>For 4,000 PSI Concrete, Add</i>	8.96	
	<i>For 4,500 PSI Concrete, Add</i>	10.41	
	<i>For 5,000 PSI Concrete, Add</i>	11.87	
	<i>For 6,000 PSI Concrete, Add</i>	28.12	
	<i>For 7,500 PSI Concrete, Add</i>	69.83	
	<i>For White Cement Concrete, Add</i>	12.50	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
	<i>For Up To 20, Add</i>	35.37	
	<i>For &gt;20 To 50, Add</i>	13.26	
	<i>For &gt;100 To 200, Deduct</i>	-3.85	
	<i>For &gt;200 To 400, Deduct</i>	-7.70	
	<i>For &gt;400, Deduct</i>	-11.55	
03 31 13 00-0022	CY Direct Chute, Place 3,000 PSI Concrete Spread Footings.....	142.61	
	<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
	<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
	<i>For 3,500 PSI Concrete, Add</i>	5.21	
	<i>For 3,750 PSI Concrete, Add</i>	7.08	
	<i>For 4,000 PSI Concrete, Add</i>	8.96	
	<i>For 4,500 PSI Concrete, Add</i>	10.41	
	<i>For 5,000 PSI Concrete, Add</i>	11.87	
	<i>For 6,000 PSI Concrete, Add</i>	28.12	
	<i>For 7,500 PSI Concrete, Add</i>	69.83	
	<i>For White Cement Concrete, Add</i>	12.50	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
	<i>For Up To 20, Add</i>	15.39	
	<i>For &gt;20 To 50, Add</i>	5.77	
	<i>For &gt;100 To 200, Deduct</i>	-2.85	
	<i>For &gt;200 To 400, Deduct</i>	-5.70	
	<i>For &gt;400, Deduct</i>	-8.56	
03 31 13 00-0023	CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings.....	149.46	
	Note: Excludes pumping equipment.		
	<i>For 2,000 PSI Concrete, Deduct</i>	-6.09	
	<i>For 2,500 PSI Concrete, Deduct</i>	-3.05	
	<i>For 3,500 PSI Concrete, Add</i>	5.64	
	<i>For 3,750 PSI Concrete, Add</i>	7.67	
	<i>For 4,000 PSI Concrete, Add</i>	9.70	
	<i>For 4,500 PSI Concrete, Add</i>	11.28	
	<i>For 5,000 PSI Concrete, Add</i>	12.86	
	<i>For 6,000 PSI Concrete, Add</i>	30.46	
	<i>For 7,500 PSI Concrete, Add</i>	75.65	
	<i>For White Cement Concrete, Add</i>	13.54	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	14.67	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	11.28	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	33.85	
	<i>For Up To 20, Add</i>	14.66	
	<i>For &gt;20 To 50, Add</i>	5.50	
	<i>For &gt;100 To 200, Deduct</i>	-2.99	
	<i>For &gt;200 To 400, Deduct</i>	-5.98	
	<i>For &gt;400, Deduct</i>	-8.97	
03 31 13 00-0024	Place Concrete Mat Foundation (03 31 13 00-0011)		
03 31 13 00-0025	CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation .....	119.86	
	<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
	<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
	<i>For 3,500 PSI Concrete, Add</i>	5.21	
	<i>For 3,750 PSI Concrete, Add</i>	7.08	
	<i>For 4,000 PSI Concrete, Add</i>	8.96	
	<i>For 4,500 PSI Concrete, Add</i>	10.41	
	<i>For 5,000 PSI Concrete, Add</i>	11.87	
	<i>For 6,000 PSI Concrete, Add</i>	28.12	
	<i>For 7,500 PSI Concrete, Add</i>	69.83	
	<i>For White Cement Concrete, Add</i>	12.50	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
	<i>For Up To 20, Add</i>	6.29	
	<i>For &gt;20 To 50, Add</i>	2.36	
	<i>For &gt;100 To 200, Deduct</i>	-2.40	
	<i>For &gt;200 To 400, Deduct</i>	-4.79	
	<i>For &gt;400, Deduct</i>	-7.19	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0026 CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	110.98	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	2.74	
For >20 To 50, Add	1.03	
For >100 To 200, Deduct	-2.22	
For >200 To 400, Deduct	-4.44	
For >400, Deduct	-6.66	
03 31 13 00-0027 CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	118.52	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	2.28	
For >20 To 50, Add	0.86	
For >100 To 200, Deduct	-2.37	
For >200 To 400, Deduct	-4.74	
For >400, Deduct	-7.11	
<b>03 31 13 00-0028 Place Concrete Grade Beams (03 31 13 00-0011)</b>		
03 31 13 00-0029 CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	146.06	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	16.77	
For >20 To 50, Add	6.29	
For >100 To 200, Deduct	-2.92	
For >200 To 400, Deduct	-5.84	
For >400, Deduct	-8.76	
03 31 13 00-0030 CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	122.38	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	7.30	
For >20 To 50, Add	2.74	
For >100 To 200, Deduct	-2.45	
For >200 To 400, Deduct	-4.90	
For >400, Deduct	-7.34	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	130.19
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-6.09
		For 2,500 PSI Concrete, Deduct	-3.05
		For 3,500 PSI Concrete, Add	5.64
		For 3,750 PSI Concrete, Add	7.67
		For 4,000 PSI Concrete, Add	9.70
		For 4,500 PSI Concrete, Add	11.28
		For 5,000 PSI Concrete, Add	12.86
		For 6,000 PSI Concrete, Add	30.46
		For 7,500 PSI Concrete, Add	75.65
		For White Cement Concrete, Add	13.54
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67
		For High Early Strength, Type 3 ASTM C150, Add	11.28
		For Lightweight Aggregate, ASTM C330, Add	33.85
		For Up To 20, Add	6.95
		For >20 To 50, Add	2.61
		For >100 To 200, Deduct	-2.60
		For >200 To 400, Deduct	-5.21
		For >400, Deduct	-7.81

**03 31 13 00-0032 Place Concrete Slab On Grade** (03 31 13 00-0011)

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	147.04
		For 2,000 PSI Concrete, Deduct	-5.62
		For 2,500 PSI Concrete, Deduct	-2.81
		For 3,500 PSI Concrete, Add	5.21
		For 3,750 PSI Concrete, Add	7.08
		For 4,000 PSI Concrete, Add	8.96
		For 4,500 PSI Concrete, Add	10.41
		For 5,000 PSI Concrete, Add	11.87
		For 6,000 PSI Concrete, Add	28.12
		For 7,500 PSI Concrete, Add	69.83
		For White Cement Concrete, Add	12.50
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54
		For High Early Strength, Type 3 ASTM C150, Add	10.41
		For Lightweight Aggregate, ASTM C330, Add	31.24
		For Up To 20, Add	17.16
		For >20 To 50, Add	6.44
		For >100 To 200, Deduct	-2.94
		For >200 To 400, Deduct	-5.88
		For >400, Deduct	-8.82
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade .....	136.70
		For 2,000 PSI Concrete, Deduct	-5.62
		For 2,500 PSI Concrete, Deduct	-2.81
		For 3,500 PSI Concrete, Add	5.21
		For 3,750 PSI Concrete, Add	7.08
		For 4,000 PSI Concrete, Add	8.96
		For 4,500 PSI Concrete, Add	10.41
		For 5,000 PSI Concrete, Add	11.87
		For 6,000 PSI Concrete, Add	28.12
		For 7,500 PSI Concrete, Add	69.83
		For White Cement Concrete, Add	12.50
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54
		For High Early Strength, Type 3 ASTM C150, Add	10.41
		For Lightweight Aggregate, ASTM C330, Add	31.24
		For Up To 20, Add	13.02
		For >20 To 50, Add	4.88
		For >100 To 200, Deduct	-2.73
		For >200 To 400, Deduct	-5.47
		For >400, Deduct	-8.20
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade .....	122.81
		For 2,000 PSI Concrete, Deduct	-5.62
		For 2,500 PSI Concrete, Deduct	-2.81
		For 3,500 PSI Concrete, Add	5.21
		For 3,750 PSI Concrete, Add	7.08
		For 4,000 PSI Concrete, Add	8.96
		For 4,500 PSI Concrete, Add	10.41
		For 5,000 PSI Concrete, Add	11.87
		For 6,000 PSI Concrete, Add	28.12
		For 7,500 PSI Concrete, Add	69.83
		For White Cement Concrete, Add	12.50
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54
		For High Early Strength, Type 3 ASTM C150, Add	10.41
		For Lightweight Aggregate, ASTM C330, Add	31.24
		For Up To 20, Add	7.47
		For >20 To 50, Add	2.80
		For >100 To 200, Deduct	-2.46
		For >200 To 400, Deduct	-4.91
		For >400, Deduct	-7.37





<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0036 CY >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade .....	118.30	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	5.66	
For >20 To 50, Add	2.12	
For >100 To 200, Deduct	-2.37	
For >200 To 400, Deduct	-4.73	
For >400, Deduct	-7.10	
03 31 13 00-0037 CY Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	128.38	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	6.22	
For >20 To 50, Add	2.33	
For >100 To 200, Deduct	-2.57	
For >200 To 400, Deduct	-5.14	
For >400, Deduct	-7.70	
03 31 13 00-0038 CY >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade .....	124.63	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	4.72	
For >20 To 50, Add	1.77	
For >100 To 200, Deduct	-2.49	
For >200 To 400, Deduct	-4.99	
For >400, Deduct	-7.48	
<b>03 31 13 00-0039 Place Concrete Duct Bank</b> <small>(03 31 13 00-0011)</small>		
03 31 13 00-0040 CY Direct Chute, Place 3,000 PSI Concrete Duct Bank .....	119.59	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	6.18	
For >20 To 50, Add	2.32	
For >100 To 200, Deduct	-2.39	
For >200 To 400, Deduct	-4.78	
For >400, Deduct	-7.18	
<b>03 31 13 00-0041 Place Concrete Stairs</b> <small>(03 31 13 00-0011)</small>		

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0042	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	297.18	
		<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
		<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
		<i>For 3,500 PSI Concrete, Add</i>	5.21	
		<i>For 3,750 PSI Concrete, Add</i>	7.08	
		<i>For 4,000 PSI Concrete, Add</i>	8.96	
		<i>For 4,500 PSI Concrete, Add</i>	10.41	
		<i>For 5,000 PSI Concrete, Add</i>	11.87	
		<i>For 6,000 PSI Concrete, Add</i>	28.12	
		<i>For 7,500 PSI Concrete, Add</i>	69.83	
		<i>For White Cement Concrete, Add</i>	12.50	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
		<i>For Up To 20, Add</i>	77.22	
		<i>For &gt;20 To 50, Add</i>	28.96	
		<i>For &gt;100 To 200, Deduct</i>	-5.94	
		<i>For &gt;200 To 400, Deduct</i>	-11.89	
		<i>For &gt;400, Deduct</i>	-17.83	
03 31 13 00-0043	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	188.16	
		<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
		<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
		<i>For 3,500 PSI Concrete, Add</i>	5.21	
		<i>For 3,750 PSI Concrete, Add</i>	7.08	
		<i>For 4,000 PSI Concrete, Add</i>	8.96	
		<i>For 4,500 PSI Concrete, Add</i>	10.41	
		<i>For 5,000 PSI Concrete, Add</i>	11.87	
		<i>For 6,000 PSI Concrete, Add</i>	28.12	
		<i>For 7,500 PSI Concrete, Add</i>	69.83	
		<i>For White Cement Concrete, Add</i>	12.50	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
		<i>For Up To 20, Add</i>	33.61	
		<i>For &gt;20 To 50, Add</i>	12.60	
		<i>For &gt;100 To 200, Deduct</i>	-3.76	
		<i>For &gt;200 To 400, Deduct</i>	-7.53	
		<i>For &gt;400, Deduct</i>	-11.29	
03 31 13 00-0044	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	182.84	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-6.09	
		<i>For 2,500 PSI Concrete, Deduct</i>	-3.05	
		<i>For 3,500 PSI Concrete, Add</i>	5.64	
		<i>For 3,750 PSI Concrete, Add</i>	7.67	
		<i>For 4,000 PSI Concrete, Add</i>	9.70	
		<i>For 4,500 PSI Concrete, Add</i>	11.28	
		<i>For 5,000 PSI Concrete, Add</i>	12.86	
		<i>For 6,000 PSI Concrete, Add</i>	30.46	
		<i>For 7,500 PSI Concrete, Add</i>	75.65	
		<i>For White Cement Concrete, Add</i>	13.54	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	14.67	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	11.28	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	33.85	
		<i>For Up To 20, Add</i>	28.01	
		<i>For &gt;20 To 50, Add</i>	10.50	
		<i>For &gt;100 To 200, Deduct</i>	-3.66	
		<i>For &gt;200 To 400, Deduct</i>	-7.31	
		<i>For &gt;400, Deduct</i>	-10.97	
03 31 13 00-0045		Place Concrete Thrust Blocks And Backfill (03 31 13 00-0011)		
03 31 13 00-0046	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks.....	145.19	
		<i>For 2,000 PSI Concrete, Deduct</i>	-5.62	
		<i>For 2,500 PSI Concrete, Deduct</i>	-2.81	
		<i>For 3,500 PSI Concrete, Add</i>	5.21	
		<i>For 3,750 PSI Concrete, Add</i>	7.08	
		<i>For 4,000 PSI Concrete, Add</i>	8.96	
		<i>For 4,500 PSI Concrete, Add</i>	10.41	
		<i>For 5,000 PSI Concrete, Add</i>	11.87	
		<i>For 6,000 PSI Concrete, Add</i>	28.12	
		<i>For 7,500 PSI Concrete, Add</i>	69.83	
		<i>For White Cement Concrete, Add</i>	12.50	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	13.54	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	10.41	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	31.24	
03 31 13 00-0047		Hand Mix And Place Concrete (03 31 13 00-0011)		
03 31 13 00-0048	CF	Hand Mix And Place Concrete.....	18.27	
		Note: For use where conventional equipment access is limited or when directed by the owner.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.24	
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.12	
		<i>For 3,500 PSI Concrete, Add</i>	0.22	
03 31 13 00-0049		Place Concrete Superstructure By Method Indicated (03 31 13 00-0010)		



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 31 13 00-0050 Place Elevated Concrete Beams</b> <small>(03 31 13 00-0049)</small>		
03 31 13 00-0051 CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	208.93	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	41.92	
For >20 To 50, Add	15.72	
For >100 To 200, Deduct	-4.18	
For >200 To 400, Deduct	-8.36	
For >400, Deduct	-12.54	
03 31 13 00-0052 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	156.25	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	17.37	
For >20 To 50, Add	6.51	
For >100 To 200, Deduct	-3.13	
For >200 To 400, Deduct	-6.25	
For >400, Deduct	-9.38	
<b>03 31 13 00-0053 Place Elevated Concrete Slab</b> <small>(03 31 13 00-0049)</small>		
03 31 13 00-0054 CY Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....	153.48	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	19.74	
For >20 To 50, Add	7.40	
For >100 To 200, Deduct	-3.07	
For >200 To 400, Deduct	-6.14	
For >400, Deduct	-9.21	
03 31 13 00-0055 CY >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....	141.58	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	14.98	
For >20 To 50, Add	5.62	
For >100 To 200, Deduct	-2.83	
For >200 To 400, Deduct	-5.66	
For >400, Deduct	-8.49	

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0056	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	133.27	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-6.09	
		For 2,500 PSI Concrete, Deduct	-3.05	
		For 3,500 PSI Concrete, Add	5.64	
		For 3,750 PSI Concrete, Add	7.67	
		For 4,000 PSI Concrete, Add	9.70	
		For 4,500 PSI Concrete, Add	11.28	
		For 5,000 PSI Concrete, Add	12.86	
		For 6,000 PSI Concrete, Add	30.46	
		For 7,500 PSI Concrete, Add	75.65	
		For White Cement Concrete, Add	13.54	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
		For High Early Strength, Type 3 ASTM C150, Add	11.28	
		For Lightweight Aggregate, ASTM C330, Add	33.85	
		For Up To 20, Add	8.18	
		For >20 To 50, Add	3.07	
		For >100 To 200, Deduct	-2.67	
		For >200 To 400, Deduct	-5.33	
		For >400, Deduct	-8.00	
03 31 13 00-0057	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab .....	128.33	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-6.09	
		For 2,500 PSI Concrete, Deduct	-3.05	
		For 3,500 PSI Concrete, Add	5.64	
		For 3,750 PSI Concrete, Add	7.67	
		For 4,000 PSI Concrete, Add	9.70	
		For 4,500 PSI Concrete, Add	11.28	
		For 5,000 PSI Concrete, Add	12.86	
		For 6,000 PSI Concrete, Add	30.46	
		For 7,500 PSI Concrete, Add	75.65	
		For White Cement Concrete, Add	13.54	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
		For High Early Strength, Type 3 ASTM C150, Add	11.28	
		For Lightweight Aggregate, ASTM C330, Add	33.85	
		For Up To 20, Add	6.20	
		For >20 To 50, Add	2.33	
		For >100 To 200, Deduct	-2.57	
		For >200 To 400, Deduct	-5.13	
		For >400, Deduct	-7.70	
03 31 13 00-0058		<b>Place Concrete Columns</b> (03 31 13 00-0049)		
03 31 13 00-0059	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	217.32	
		For 2,000 PSI Concrete, Deduct	-5.62	
		For 2,500 PSI Concrete, Deduct	-2.81	
		For 3,500 PSI Concrete, Add	5.21	
		For 3,750 PSI Concrete, Add	7.08	
		For 4,000 PSI Concrete, Add	8.96	
		For 4,500 PSI Concrete, Add	10.41	
		For 5,000 PSI Concrete, Add	11.87	
		For 6,000 PSI Concrete, Add	28.12	
		For 7,500 PSI Concrete, Add	69.83	
		For White Cement Concrete, Add	12.50	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
		For High Early Strength, Type 3 ASTM C150, Add	10.41	
		For Lightweight Aggregate, ASTM C330, Add	31.24	
		For Up To 20, Add	45.27	
		For >20 To 50, Add	16.98	
		For >100 To 200, Deduct	-4.35	
		For >200 To 400, Deduct	-8.69	
		For >400, Deduct	-13.04	
03 31 13 00-0060	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	186.40	
		For 2,000 PSI Concrete, Deduct	-5.62	
		For 2,500 PSI Concrete, Deduct	-2.81	
		For 3,500 PSI Concrete, Add	5.21	
		For 3,750 PSI Concrete, Add	7.08	
		For 4,000 PSI Concrete, Add	8.96	
		For 4,500 PSI Concrete, Add	10.41	
		For 5,000 PSI Concrete, Add	11.87	
		For 6,000 PSI Concrete, Add	28.12	
		For 7,500 PSI Concrete, Add	69.83	
		For White Cement Concrete, Add	12.50	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
		For High Early Strength, Type 3 ASTM C150, Add	10.41	
		For Lightweight Aggregate, ASTM C330, Add	31.24	
		For Up To 20, Add	32.90	
		For >20 To 50, Add	12.34	
		For >100 To 200, Deduct	-3.73	
		For >200 To 400, Deduct	-7.46	
		For >400, Deduct	-11.18	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0061 CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	164.29	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	24.06	
For >20 To 50, Add	9.02	
For >100 To 200, Deduct	-3.29	
For >200 To 400, Deduct	-6.57	
For >400, Deduct	-9.86	
03 31 13 00-0062 CY 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	154.44	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	20.12	
For >20 To 50, Add	7.55	
For >100 To 200, Deduct	-3.09	
For >200 To 400, Deduct	-6.18	
For >400, Deduct	-9.27	
03 31 13 00-0063 CY 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	159.73	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	18.76	
For >20 To 50, Add	7.04	
For >100 To 200, Deduct	-3.19	
For >200 To 400, Deduct	-6.39	
For >400, Deduct	-9.58	
03 31 13 00-0064 CY 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	146.91	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	13.64	
For >20 To 50, Add	5.11	
For >100 To 200, Deduct	-2.94	
For >200 To 400, Deduct	-5.88	
For >400, Deduct	-8.81	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0065	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	137.75	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-6.09	
		For 2,500 PSI Concrete, Deduct	-3.05	
		For 3,500 PSI Concrete, Add	5.64	
		For 3,750 PSI Concrete, Add	7.67	
		For 4,000 PSI Concrete, Add	9.70	
		For 4,500 PSI Concrete, Add	11.28	
		For 5,000 PSI Concrete, Add	12.86	
		For 6,000 PSI Concrete, Add	30.46	
		For 7,500 PSI Concrete, Add	75.65	
		For White Cement Concrete, Add	13.54	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
		For High Early Strength, Type 3 ASTM C150, Add	11.28	
		For Lightweight Aggregate, ASTM C330, Add	33.85	
		For Up To 20, Add	9.97	
		For >20 To 50, Add	3.74	
		For >100 To 200, Deduct	-2.76	
		For >200 To 400, Deduct	-5.51	
		For >400, Deduct	-8.27	
03 31 13 00-0066	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	133.66	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-6.09	
		For 2,500 PSI Concrete, Deduct	-3.05	
		For 3,500 PSI Concrete, Add	5.64	
		For 3,750 PSI Concrete, Add	7.67	
		For 4,000 PSI Concrete, Add	9.70	
		For 4,500 PSI Concrete, Add	11.28	
		For 5,000 PSI Concrete, Add	12.86	
		For 6,000 PSI Concrete, Add	30.46	
		For 7,500 PSI Concrete, Add	75.65	
		For White Cement Concrete, Add	13.54	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
		For High Early Strength, Type 3 ASTM C150, Add	11.28	
		For Lightweight Aggregate, ASTM C330, Add	33.85	
		For Up To 20, Add	8.34	
		For >20 To 50, Add	3.13	
		For >100 To 200, Deduct	-2.67	
		For >200 To 400, Deduct	-5.35	
		For >400, Deduct	-8.02	
03 31 13 00-0067		<b>Place Concrete Walls</b> <small>(03 31 13 00-0049)</small>		
03 31 13 00-0068	CY	8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....	210.24	
		For 2,000 PSI Concrete, Deduct	-5.62	
		For 2,500 PSI Concrete, Deduct	-2.81	
		For 3,500 PSI Concrete, Add	5.21	
		For 3,750 PSI Concrete, Add	7.08	
		For 4,000 PSI Concrete, Add	8.96	
		For 4,500 PSI Concrete, Add	10.41	
		For 5,000 PSI Concrete, Add	11.87	
		For 6,000 PSI Concrete, Add	28.12	
		For 7,500 PSI Concrete, Add	69.83	
		For White Cement Concrete, Add	12.50	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
		For High Early Strength, Type 3 ASTM C150, Add	10.41	
		For Lightweight Aggregate, ASTM C330, Add	31.24	
		For Up To 20, Add	42.44	
		For >20 To 50, Add	15.92	
		For >100 To 200, Deduct	-4.20	
		For >200 To 400, Deduct	-8.41	
		For >400, Deduct	-12.61	
03 31 13 00-0069	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....	201.45	
		For 2,000 PSI Concrete, Deduct	-5.62	
		For 2,500 PSI Concrete, Deduct	-2.81	
		For 3,500 PSI Concrete, Add	5.21	
		For 3,750 PSI Concrete, Add	7.08	
		For 4,000 PSI Concrete, Add	8.96	
		For 4,500 PSI Concrete, Add	10.41	
		For 5,000 PSI Concrete, Add	11.87	
		For 6,000 PSI Concrete, Add	28.12	
		For 7,500 PSI Concrete, Add	69.83	
		For White Cement Concrete, Add	12.50	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
		For High Early Strength, Type 3 ASTM C150, Add	10.41	
		For Lightweight Aggregate, ASTM C330, Add	31.24	
		For Up To 20, Add	38.92	
		For >20 To 50, Add	14.60	
		For >100 To 200, Deduct	-4.03	
		For >200 To 400, Deduct	-8.06	
		For >400, Deduct	-12.09	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0070 CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls.....	178.41	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	29.71	
For >20 To 50, Add	11.14	
For >100 To 200, Deduct	-3.57	
For >200 To 400, Deduct	-7.14	
For >400, Deduct	-10.70	
03 31 13 00-0071 CY 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	150.31	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	18.47	
For >20 To 50, Add	6.93	
For >100 To 200, Deduct	-3.01	
For >200 To 400, Deduct	-6.01	
For >400, Deduct	-9.02	
03 31 13 00-0072 CY 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	141.08	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	14.78	
For >20 To 50, Add	5.54	
For >100 To 200, Deduct	-2.82	
For >200 To 400, Deduct	-5.64	
For >400, Deduct	-8.46	
03 31 13 00-0073 CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	136.46	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	12.93	
For >20 To 50, Add	4.85	
For >100 To 200, Deduct	-2.73	
For >200 To 400, Deduct	-5.46	
For >400, Deduct	-8.19	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0074	CY	8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	156.79
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-6.09
		For 2,500 PSI Concrete, Deduct	-3.05
		For 3,500 PSI Concrete, Add	5.64
		For 3,750 PSI Concrete, Add	7.67
		For 4,000 PSI Concrete, Add	9.70
		For 4,500 PSI Concrete, Add	11.28
		For 5,000 PSI Concrete, Add	12.86
		For 6,000 PSI Concrete, Add	30.46
		For 7,500 PSI Concrete, Add	75.65
		For White Cement Concrete, Add	13.54
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67
		For High Early Strength, Type 3 ASTM C150, Add	11.28
		For Lightweight Aggregate, ASTM C330, Add	33.85
		For Up To 20, Add	17.59
		For >20 To 50, Add	6.60
		For >100 To 200, Deduct	-3.14
		For >200 To 400, Deduct	-6.27
		For >400, Deduct	-9.41
03 31 13 00-0075	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	147.99
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-6.09
		For 2,500 PSI Concrete, Deduct	-3.05
		For 3,500 PSI Concrete, Add	5.64
		For 3,750 PSI Concrete, Add	7.67
		For 4,000 PSI Concrete, Add	9.70
		For 4,500 PSI Concrete, Add	11.28
		For 5,000 PSI Concrete, Add	12.86
		For 6,000 PSI Concrete, Add	30.46
		For 7,500 PSI Concrete, Add	75.65
		For White Cement Concrete, Add	13.54
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67
		For High Early Strength, Type 3 ASTM C150, Add	11.28
		For Lightweight Aggregate, ASTM C330, Add	33.85
		For Up To 20, Add	14.07
		For >20 To 50, Add	5.28
		For >100 To 200, Deduct	-2.96
		For >200 To 400, Deduct	-5.92
		For >400, Deduct	-8.88
03 31 13 00-0076	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	143.60
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-6.09
		For 2,500 PSI Concrete, Deduct	-3.05
		For 3,500 PSI Concrete, Add	5.64
		For 3,750 PSI Concrete, Add	7.67
		For 4,000 PSI Concrete, Add	9.70
		For 4,500 PSI Concrete, Add	11.28
		For 5,000 PSI Concrete, Add	12.86
		For 6,000 PSI Concrete, Add	30.46
		For 7,500 PSI Concrete, Add	75.65
		For White Cement Concrete, Add	13.54
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67
		For High Early Strength, Type 3 ASTM C150, Add	11.28
		For Lightweight Aggregate, ASTM C330, Add	33.85
		For Up To 20, Add	12.31
		For >20 To 50, Add	4.62
		For >100 To 200, Deduct	-2.87
		For >200 To 400, Deduct	-5.74
		For >400, Deduct	-8.62
03 31 13 00-0077		<b>Place Elevated Concrete Stairs</b> (03 31 13 00-0049)	
03 31 13 00-0078	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs.....	318.64
		For 2,000 PSI Concrete, Deduct	-5.62
		For 2,500 PSI Concrete, Deduct	-2.81
		For 3,500 PSI Concrete, Add	5.21
		For 3,750 PSI Concrete, Add	7.08
		For 4,000 PSI Concrete, Add	8.96
		For 4,500 PSI Concrete, Add	10.41
		For 5,000 PSI Concrete, Add	11.87
		For 6,000 PSI Concrete, Add	28.12
		For 7,500 PSI Concrete, Add	69.83
		For White Cement Concrete, Add	12.50
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54
		For High Early Strength, Type 3 ASTM C150, Add	10.41
		For Lightweight Aggregate, ASTM C330, Add	31.24
		For Up To 20, Add	85.80
		For >20 To 50, Add	32.18
		For >100 To 200, Deduct	-6.37
		For >200 To 400, Deduct	-12.75
		For >400, Deduct	-19.12





<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0079 CY Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	197.48	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	37.34	
For >20 To 50, Add	14.00	
For >100 To 200, Deduct	-3.95	
For >200 To 400, Deduct	-7.90	
For >400, Deduct	-11.85	
03 31 13 00-0080 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	190.60	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-6.09	
For 2,500 PSI Concrete, Deduct	-3.05	
For 3,500 PSI Concrete, Add	5.64	
For 3,750 PSI Concrete, Add	7.67	
For 4,000 PSI Concrete, Add	9.70	
For 4,500 PSI Concrete, Add	11.28	
For 5,000 PSI Concrete, Add	12.86	
For 6,000 PSI Concrete, Add	30.46	
For 7,500 PSI Concrete, Add	75.65	
For White Cement Concrete, Add	13.54	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67	
For High Early Strength, Type 3 ASTM C150, Add	11.28	
For Lightweight Aggregate, ASTM C330, Add	33.85	
For Up To 20, Add	31.11	
For >20 To 50, Add	11.67	
For >100 To 200, Deduct	-3.81	
For >200 To 400, Deduct	-7.62	
For >400, Deduct	-11.44	
<b>03 31 13 00-0081 Place Concrete Coping (03 31 13 00-0049)</b>		
03 31 13 00-0082 CY Crane And Bucket, Place 3,000 PSI Concrete Coping .....	326.06	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	88.77	
For >20 To 50, Add	33.29	
For >100 To 200, Deduct	-6.52	
For >200 To 400, Deduct	-13.04	
For >400, Deduct	-19.56	
03 31 13 00-0083 CY Direct Chute, Place 3,000 PSI Concrete Coping .....	196.85	
For 2,000 PSI Concrete, Deduct	-5.62	
For 2,500 PSI Concrete, Deduct	-2.81	
For 3,500 PSI Concrete, Add	5.21	
For 3,750 PSI Concrete, Add	7.08	
For 4,000 PSI Concrete, Add	8.96	
For 4,500 PSI Concrete, Add	10.41	
For 5,000 PSI Concrete, Add	11.87	
For 6,000 PSI Concrete, Add	28.12	
For 7,500 PSI Concrete, Add	69.83	
For White Cement Concrete, Add	12.50	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.54	
For High Early Strength, Type 3 ASTM C150, Add	10.41	
For Lightweight Aggregate, ASTM C330, Add	31.24	
For Up To 20, Add	37.08	
For >20 To 50, Add	13.91	
For >100 To 200, Deduct	-3.94	
For >200 To 400, Deduct	-7.87	
For >400, Deduct	-11.81	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 31</b>	<b>Structural Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0084	CY	Concrete Pump, Place 3,000 PSI Concrete Coping.....	253.25
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-6.09
		For 2,500 PSI Concrete, Deduct	-3.05
		For 3,500 PSI Concrete, Add	5.64
		For 3,750 PSI Concrete, Add	7.67
		For 4,000 PSI Concrete, Add	9.70
		For 4,500 PSI Concrete, Add	11.28
		For 5,000 PSI Concrete, Add	12.86
		For 6,000 PSI Concrete, Add	30.46
		For 7,500 PSI Concrete, Add	75.65
		For White Cement Concrete, Add	13.54
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.67
		For High Early Strength, Type 3 ASTM C150, Add	11.28
		For Lightweight Aggregate, ASTM C330, Add	33.85
		For Up To 20, Add	56.17
		For >20 To 50, Add	21.06
		For >100 To 200, Deduct	-5.07
		For >200 To 400, Deduct	-10.13
		For >400, Deduct	-15.20
<b>03 31 13 00-0085</b>		<b>Concrete Pumping With Boom Truck</b> (03 31 13 00-0010)	
		Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach.	
03 31 13 00-0086	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating) .....	122.53
03 31 13 00-0087	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	136.71
03 31 13 00-0088	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	171.48
03 31 13 00-0089	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	205.10
03 31 13 00-0090	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	254.62
03 31 13 00-0091	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	226.89
03 31 13 00-0092	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	342.55
03 31 13 00-0093	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating) .....	425.07
03 31 13 00-0094	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump .....	90.11
		Note: Includes hoses	
<b>03 31 13 00-0095</b>		<b>Concrete Carts</b> (03 31 13 00-0010)	
		Note: Used to place concrete were necessary.	
03 31 13 00-0096	CY	50' Haul, Non Motorized, Concrete Buggy .....	10.90
03 31 13 00-0097	CY	150' Haul, Non Motorized, Concrete Buggy .....	14.59
03 31 13 00-0098	CY	250' Haul, Non Motorized, Concrete Buggy .....	19.46
03 31 13 00-0099	CY	50' Haul, Motorized, Concrete Buggy .....	5.75
03 31 13 00-0100	CY	150' Haul, Motorized, Concrete Buggy.....	7.72
03 31 13 00-0101	CY	250' Haul, Motorized, Concrete Buggy.....	10.28
<b>03 31 13 00-0102</b>		<b>Delivery Fee For Small Purchases</b> (03 31 13)	
03 31 13 00-0103	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY .....	25.00
		Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	
<b>03 31 13 00-0104</b>		<b>Equipment Pads</b> (03 31 13)	
<b>03 31 13 00-0105</b>		<b>Small Concrete Equipment Housekeeping Pad Assemblies</b> (03 31 13 00-0104)	
		Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.	
03 31 13 00-0106	SF	4" Equipment Pad With Welded Wire Reinforcement .....	9.70
03 31 13 00-0107	SF	4" Equipment Pad With Rebar .....	12.25
03 31 13 00-0108	SF	6" Equipment Pad With Rebar .....	15.44
03 31 13 00-0109	SF	8" Equipment Pad With Rebar .....	19.35

### 03 35 Concrete Finishing (03 30)

#### 03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)

<b>03 35 16 00-0001</b>		<b>Floor Finishes</b> (03 35 16)	
		Note: Task is for final finish type and includes all required prior finishes.	
03 35 16 00-0002	SF	Concrete Floor Finishes, Screed.....	0.50
		For Up To 100 SF, Add	1.00
		For >100 To 250, Add	0.25
		For >250 To 500, Add	0.13
		For >5,000 To 10,000 SF, Deduct	-0.03
		For >10,000 SF, Deduct	-0.05
03 35 16 00-0003	SF	Concrete Floor Finishes, Darby .....	0.60
		For Up To 100 SF, Add	1.20
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.15
		For >5,000 To 10,000 SF, Deduct	-0.03
		For >10,000 SF, Deduct	-0.06



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 16 00-0004 SF Concrete Floor Finishes, Broom.....	0.66	
For Up To 100 SF, Add	1.32	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.17	
For >5,000 To 10,000 SF, Deduct	-0.03	
For >10,000 SF, Deduct	-0.07	
03 35 16 00-0005 SF Concrete Floor Finishes, Final Float.....	0.77	
For Up To 100 SF, Add	1.54	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.19	
For >5,000 To 10,000 SF, Deduct	-0.04	
For >10,000 SF, Deduct	-0.08	
03 35 16 00-0006 SF Concrete Floor Finishes, Steel Trowel.....	0.87	
For Up To 100 SF, Add	1.74	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.22	
For >5,000 To 10,000 SF, Deduct	-0.04	
For >10,000 SF, Deduct	-0.09	
<b>03 35 23 Exposed Aggregate Concrete Finishing (03 35)</b>		
03 35 23 00-0001 Exposed Aggregate Concrete Finish (03 35 23)		
03 35 23 00-0002 SF Exposed Aggregate Concrete Floor Finish.....	1.77	
<b>03 35 26 Grooved Concrete Surface Finishing (03 35)</b>		
03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing (03 35 26)		
03 35 26 00-0002 SF Ramp, Grooved Concrete Surface Finishing.....	2.18	
<b>03 35 29 Tooled Concrete Finishing (03 35)</b>		
03 35 29 00-0001 Marblecrete Finishes (03 35 29)		
03 35 29 00-0002 SF 2" Thick Marblecrete And Finish.....	24.62	
03 35 29 00-0003 SF 4" Thick Marblecrete And Finish.....	32.97	
<b>03 35 33 Stamped Concrete Finishing (03 35)</b>		
03 35 33 00-0001 Stamped Finishes (03 35 33)		
03 35 33 00-0002 SF Up To 2,500 SF Stamped Finish.....	2.00	
03 35 33 00-0003 SF >2,500 To 10,000 SF Stamped Finish.....	1.82	
03 35 33 00-0004 SF >10,000 SF Stamped Finish.....	1.74	
<b>03 35 39 Rusticated Concrete Finish (03 35)</b>		
03 35 39 00-0001 Rusticated Concrete Finish (03 35 39)		
03 35 39 00-0002 SF Rusticated Concrete Finish, Beveled Edge, 1 Use, Add To Formwork.....	3.29	
03 35 39 00-0003 SF Rusticated Concrete Finish, Square Edge, 1 Use, Add To Formwork.....	4.30	
<b>03 35 43 Polished Concrete Finishing (03 35)</b>		
03 35 43 00-0001 Concrete Floor Polishing System (03 35 43)		
Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002 SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels.....	0.71	
For Up To 500, Add	1.38	
For >500 To 1,000, Add	1.28	
For >1,000 To 2,500, Add	0.84	
For >2,500 To 4,000, Add	0.44	
For >8,000 To 15,000, Deduct	-0.17	
For >15,000 To 25,000, Deduct	-0.22	
For >25,000, Deduct	-0.31	
03 35 43 00-0003 SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels.....	0.71	
For Up To 500, Add	1.38	
For >500 To 1,000, Add	1.28	
For >1,000 To 2,500, Add	0.84	
For >2,500 To 4,000, Add	0.44	
For >8,000 To 15,000, Deduct	-0.17	
For >15,000 To 25,000, Deduct	-0.22	
For >25,000, Deduct	-0.31	
03 35 43 00-0004 SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels.....	0.83	
For Up To 500, Add	0.83	
For >500 To 1,000, Add	0.77	
For >1,000 To 2,500, Add	0.51	
For >2,500 To 4,000, Add	0.27	
For >8,000 To 15,000, Deduct	-0.10	
For >15,000 To 25,000, Deduct	-0.13	
For >25,000, Deduct	-0.18	

**03 Concrete****03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0005	SF		Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels.....	0.61	
			For Up To 500, Add	1.18	
			For >500 To 1,000, Add	1.10	
			For >1,000 To 2,500, Add	0.73	
			For >2,500 To 4,000, Add	0.38	
			For >8,000 To 15,000, Deduct	-0.15	
			For >15,000 To 25,000, Deduct	-0.19	
			For >25,000, Deduct	-0.26	
03 35 43 00-0006	SF		Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels .....	0.43	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0007	SF		Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels .....	0.43	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0008	SF		Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels .....	0.43	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0009	SF		Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels .....	0.43	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0010	SF		High Speed Burnish Concrete Floor With Diamond Pads.....	0.11	
			For Up To 500, Add	0.21	
			For >500 To 1,000, Add	0.20	
			For >1,000 To 2,500, Add	0.13	
			For >2,500 To 4,000, Add	0.07	
			For >8,000 To 15,000, Deduct	-0.03	
			For >15,000 To 25,000, Deduct	-0.03	
			For >25,000, Deduct	-0.05	
03 35 43 00-0011	SF		Apply 1 Coat Of Concrete Densifier.....	0.15	
			For Up To 500, Add	0.29	
			For >500 To 1,000, Add	0.27	
			For >1,000 To 2,500, Add	0.18	
			For >2,500 To 4,000, Add	0.09	
			For >8,000 To 15,000, Deduct	-0.04	
			For >15,000 To 25,000, Deduct	-0.05	
			For >25,000, Deduct	-0.06	
03 35 43 00-0012	SF		Apply 2 Coats Of Concrete Densifier With Stain Protector .....	0.15	
			For Up To 500, Add	0.29	
			For >500 To 1,000, Add	0.27	
			For >1,000 To 2,500, Add	0.18	
			For >2,500 To 4,000, Add	0.09	
			For >8,000 To 15,000, Deduct	-0.04	
			For >15,000 To 25,000, Deduct	-0.05	
			For >25,000, Deduct	-0.06	
03 35 43 00-0013	SF		Concrete Floor Polishing Final Clean Up.....	0.07	
			For Up To 500, Add	0.14	
			For >500 To 1,000, Add	0.13	
			For >1,000 To 2,500, Add	0.08	
			For >2,500 To 4,000, Add	0.04	
			For >8,000 To 15,000, Deduct	-0.02	
			For >15,000 To 25,000, Deduct	-0.02	
			For >25,000, Deduct	-0.03	
<b>03 35 63</b>			<b>Slip-Resistant Floor Finishing</b> (03 35)		
<b>03 35 63 00-0001</b>			<b>Slip-Resistant Floor Finishing</b> (03 35 63)		
03 35 63 00-0002	SF		Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF .....	0.65	
			For Up To 100 SF, Add	0.96	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.12	
			For >5,000 To 10,000 SF, Deduct	-0.02	
			For >10,000 SF, Deduct	-0.05	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 63 00-0003 SF Silicone Carbide Abrasive Floor Finish 0.25 LB/SF .....	0.64	
For Up To 100 SF, Add	0.96	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.12	
For >5,000 To 10,000 SF, Deduct	-0.02	
For >10,000 SF, Deduct	-0.05	
<b>03 35 66 Acid Etch Floor Finishing (03 35)</b>		
<b>03 35 66 00-0001 Acid Etch Floor (03 35 66)</b>		
03 35 66 00-0002 SF Concrete Floor Finishes, Etch With Acid And Rinse .....	0.56	
For Up To 100 SF, Add	0.46	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.06	
For >5,000 To 10,000 SF, Deduct	-0.01	
For >10,000 SF, Deduct	-0.02	
<b>03 35 83 Wall Finishes (03 35)</b>		
<b>03 35 83 00-0001 Wall Finishes (03 35 83)</b>		
03 35 83 00-0002 SF Burlap Rub With Grout, New Concrete Wall Finishes.....	0.89	
For Up To 100 SF, Add	1.66	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.21	
For >5,000 To 10,000 SF, Deduct	-0.04	
For >10,000 SF, Deduct	-0.08	
03 35 83 00-0003 SF 1/16" Float Finish, New Concrete Wall Finishes .....	1.34	
For Up To 100 SF, Add	2.50	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.31	
For >5,000 To 10,000 SF, Deduct	-0.06	
For >10,000 SF, Deduct	-0.13	
03 35 83 00-0004 SF Etch With Acid And Rinse, New Concrete Wall Finishes .....	0.61	
For Up To 100 SF, Add	0.56	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.07	
For >5,000 To 10,000 SF, Deduct	-0.01	
For >10,000 SF, Deduct	-0.03	
03 35 83 00-0005 SF Bush Hammer Green Concrete, New Concrete Wall Finishes.....	2.67	
For Up To 100 SF, Add	5.28	
For >100 To 250, Add	1.32	
For >250 To 500, Add	0.66	
For >5,000 To 10,000 SF, Deduct	-0.13	
For >10,000 SF, Deduct	-0.26	
03 35 83 00-0006 SF Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	4.15	
For Up To 100 SF, Add	8.18	
For >100 To 250, Add	2.05	
For >250 To 500, Add	1.02	
For >5,000 To 10,000 SF, Deduct	-0.20	
For >10,000 SF, Deduct	-0.41	
03 35 83 00-0007 SF Break Ties And Patch, New Concrete Wall Finishes .....	0.53	
For Up To 100 SF, Add	0.90	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.11	
For >5,000 To 10,000 SF, Deduct	-0.02	
For >10,000 SF, Deduct	-0.05	
03 35 83 00-0008 SF Carborundum Dry Rub, New Concrete Wall Finishes.....	1.75	
For Up To 100 SF, Add	3.34	
For >100 To 250, Add	0.84	
For >250 To 500, Add	0.42	
For >5,000 To 10,000 SF, Deduct	-0.08	
For >10,000 SF, Deduct	-0.17	
03 35 83 00-0009 SF Carborundum Wet Rub, New Concrete Wall Finishes .....	2.65	
For Up To 100 SF, Add	5.14	
For >100 To 250, Add	1.29	
For >250 To 500, Add	0.64	
For >5,000 To 10,000 SF, Deduct	-0.13	
For >10,000 SF, Deduct	-0.26	
03 35 83 00-0010 SF Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes.....	1.67	
For Up To 100 SF, Add	2.66	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.33	
For >5,000 To 10,000 SF, Deduct	-0.07	
For >10,000 SF, Deduct	-0.13	
03 35 83 00-0011 SF >1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes.....	4.61	
For Up To 100 SF, Add	7.84	
For >100 To 250, Add	1.96	
For >250 To 500, Add	0.98	
For >5,000 To 10,000 SF, Deduct	-0.20	
For >10,000 SF, Deduct	-0.39	

**03 37 Specialty Placed Concrete (03 30)**

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 37</b>	<b>Specialty Placed Concrete</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 03 37 13 Shotcrete (03 37)

#### 03 37 13 00-0001 Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF 1" Thick Shotcrete, Fiber Reinforced .....	2.89
	For Up To 25 SF, Add .....	0.42
	For >25 To 50 SF, Add .....	0.23
	For >50 To 150, Add .....	0.07
03 37 13 00-0003	SF 2" Thick Shotcrete, Fiber Reinforced .....	5.60
	For Up To 25 SF, Add .....	0.80
	For >25 To 50 SF, Add .....	0.44
	For >50 To 150, Add .....	0.12
03 37 13 00-0004	SF 3" Thick Shotcrete, Fiber Reinforced .....	8.17
	For Up To 25 SF, Add .....	1.14
	For >25 To 50 SF, Add .....	0.63
	For >50 To 150, Add .....	0.16
03 37 13 00-0005	SF 4" Thick Shotcrete, Fiber Reinforced .....	10.59
	For Up To 25 SF, Add .....	1.45
	For >25 To 50 SF, Add .....	0.79
	For >50 To 150, Add .....	0.20
03 37 13 00-0006	SF 6" Thick Shotcrete, Fiber Reinforced .....	15.15
	For Up To 25 SF, Add .....	1.99
	For >25 To 50 SF, Add .....	1.07
	For >50 To 150, Add .....	0.24

#### 03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed (03 37 13)

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0008	SF 1" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	2.59
	For Radius Or Irregular Surface, Add .....	0.49
	For Up To 25 SF, Add .....	0.44
	For >25 To 50, Add .....	0.25
	For >50 To 150 SF, Add .....	0.09
03 37 13 00-0009	SF 2" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	4.93
	For Radius Or Irregular Surface, Add .....	0.88
	For Up To 25 SF, Add .....	0.82
	For >25 To 50, Add .....	0.47
	For >50 To 150 SF, Add .....	0.17
03 37 13 00-0010	SF 3" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	7.07
	For Radius Or Irregular Surface, Add .....	1.20
	For Up To 25 SF, Add .....	1.16
	For >25 To 50, Add .....	0.65
	For >50 To 150 SF, Add .....	0.22
03 37 13 00-0011	SF 4" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	9.02
	For Radius Or Irregular Surface, Add .....	1.43
	For Up To 25 SF, Add .....	1.44
	For >25 To 50, Add .....	0.81
	For >50 To 150 SF, Add .....	0.27

### 03 39 Concrete Curing (03 39)

#### 03 39 13 Water Concrete Curing (03 39)

##### 03 39 13 00-0001 Water Concrete Curing (03 39 13)

03 39 13 00-0002	GAL Water Based Curing, Sealing, Hardening And Dustproofing Compound .....	18.70
	Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	

#### 03 39 23 Membrane Concrete Curing (03 39)

##### 03 39 23 23 Sheet Membrane Concrete Curing (03 39 23)

##### 03 39 23 23-0001 Concrete Curing Materials And Compounds (03 39 23 23)

03 39 23 23-0002	CSF 7.5 Oz Burlap, Concrete Curing Blanket .....	18.53
03 39 23 23-0003	CSF 9 Oz Burlap, Concrete Curing Blanket .....	19.00
03 39 23 23-0004	CSF 12 Oz Burlap, Concrete Curing Blanket .....	20.35
03 39 23 23-0005	CSF 2 Ply Reinforced, Concrete Curing Waterproof Paper .....	19.21
03 39 23 23-0006	CSF Curing Paper .....	6.89

#### 03 39 33 Concrete Surface Treatments (03 39)

##### 03 39 33 00-0001 Concrete Surface Treatments (03 39 33)

03 39 33 00-0002	GAL Acrylic Latex Bonding Agent, 250 SF Per Gallon .....	61.35
03 39 33 00-0003	GAL Epoxy Resin Bonding Agent, 80 SF Per Gallon .....	130.46
03 39 33 00-0004	SF Clear Acrylic Sealer, Hardener And Dustproof .....	0.17
	Note: 300 SF/GAL.	
03 39 33 00-0005	SF Colored Acrylic Sealer, Hardener And Dustproof .....	0.18
	Note: 300 SF/GAL.	
03 39 33 00-0006	GAL Clear Acrylic Sealer, Hardener And Dustproof, 300 SF Per Gallon .....	49.79
03 39 33 00-0007	GAL Colored Acrylic Sealer, Hardener And Dustproof, 300 SF Per Gallon .....	52.43



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Concrete Curing	03 39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>03 39 33 00-0008</b>	<b>Shake On Floor Hardeners</b> (03 39 33)		
03 39 33 00-0009	SF 0.3 LB/SF, Metallic, Shake On Floor Hardener.....	0.66	
03 39 33 00-0010	SF 0.65 LB/SF, Metallic, Shake On Floor Hardener.....	1.03	
03 39 33 00-0011	SF 0.3 LB/SF, Non Metallic, Shake On Floor Hardener.....	0.62	
03 39 33 00-0012	SF 0.65 LB/SF, Non Metallic, Shake On Floor Hardener.....	0.77	

**03 40 Precast Concrete** (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

**03 41 Precast Structural Concrete** (03 40)

**03 41 23 Precast Concrete Stairs** (03 41)

**03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane** (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	224.96	179.94
03 41 23 00-0003	EA Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	238.88	191.09
03 41 23 00-0004	EA Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	253.23	202.60
03 41 23 00-0005	EA Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	271.01	216.80
03 41 23 00-0006	EA Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	289.65	231.71
03 41 23 00-0007	EA Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	311.03	248.80
03 41 23 00-0008	EA Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	338.27	270.59
03 41 23 00-0009	EA Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	367.80	294.28

**03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane** (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	224.96	179.94
03 41 23 00-0012	EA Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	238.88	191.09
03 41 23 00-0013	EA Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	253.23	202.60
03 41 23 00-0014	EA Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	271.01	216.80
03 41 23 00-0015	EA Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	289.65	231.71
03 41 23 00-0016	EA Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	311.03	248.80
03 41 23 00-0017	EA Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	338.27	270.59
03 41 23 00-0018	EA Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	367.80	294.28

**03 41 23 00-0019 Material Cost** (03 41 23)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	232.48	
	For 3,500 PSI Concrete, Add	30.34	
	For 4,000 PSI Concrete, Add	57.00	
	For 4,500 PSI Concrete, Add	83.79	
	For 5,000 PSI Concrete, Add	113.98	

**03 48 Precast Concrete Specialties** (03 40)

**03 48 16 Precast Concrete Splash Blocks** (03 48)

**03 48 16 00-0001 Precast Concrete Splash Blocks** (03 48 16)

03 48 16 00-0002	EA Precast Concrete Splash Blocks, Standard Size.....	12.32	1.75
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**03 48 21 Precast Concrete Handrails** (03 48)

**03 48 21 00-0001 Installation Cost** (03 48 21)

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA Install Precast Handrails, 0-2 Ton/Handrail.....	95.97	43.21
03 48 21 00-0003	EA Install Precast Handrails, Over 2 Ton/Handrail.....	115.10	51.78

**03 48 21 00-0004 Material Cost** (03 48 21)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	918.32	
	For 3,500 PSI Concrete, Add	59.92	
	For 4,000 PSI Concrete, Add	112.59	
	For 4,500 PSI Concrete, Add	165.48	
	For 5,000 PSI Concrete, Add	225.13	
03 48 21 00-0006	CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail.....	953.19	
	For 3,500 PSI Concrete, Add	62.20	
	For 4,000 PSI Concrete, Add	116.86	
	For 4,500 PSI Concrete, Add	171.76	
	For 5,000 PSI Concrete, Add	233.67	

**03 Concrete****03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 21 00-0007	CY		6" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	988.07	
			<i>For 3,500 PSI Concrete, Add</i>	64.47	
			<i>For 4,000 PSI Concrete, Add</i>	121.14	
			<i>For 4,500 PSI Concrete, Add</i>	178.05	
			<i>For 5,000 PSI Concrete, Add</i>	242.23	
03 48 21 00-0008	CY		8" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	1,034.56	
			<i>For 3,500 PSI Concrete, Add</i>	67.51	
			<i>For 4,000 PSI Concrete, Add</i>	126.84	
			<i>For 4,500 PSI Concrete, Add</i>	186.43	
			<i>For 5,000 PSI Concrete, Add</i>	253.62	
<b>03 48 22 Precast Concrete Sun Screen And Trellis (03 48)</b>					
03 48 22 00-0001			Sun Screen Blades (03 48 22)		
03 48 22 00-0002			Installation Cost (03 48 22 00-0001)		
			Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003	EA		Install Precast Sun Screen Blade, 0-1 Ton/Each .....	47.99	21.61
03 48 22 00-0004	EA		Install Precast Sun Screen Blade, 1-2 Ton/Each .....	57.66	25.93
03 48 22 00-0005	EA		Install Precast Sun Screen Blade, 2-3 Ton/Each .....	72.03	32.44
03 48 22 00-0006			Material Cost (03 48 22 00-0001)		
			Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0007	CY		4" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	976.44	
			<i>For 3,500 PSI Concrete, Add</i>	63.71	
			<i>For 4,000 PSI Concrete, Add</i>	119.71	
			<i>For 4,500 PSI Concrete, Add</i>	175.95	
			<i>For 5,000 PSI Concrete, Add</i>	239.37	
03 48 22 00-0008	CY		5" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	1,011.31	
			<i>For 3,500 PSI Concrete, Add</i>	65.99	
			<i>For 4,000 PSI Concrete, Add</i>	123.99	
			<i>For 4,500 PSI Concrete, Add</i>	182.24	
			<i>For 5,000 PSI Concrete, Add</i>	247.92	
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	1,057.81	
			<i>For 3,500 PSI Concrete, Add</i>	69.02	
			<i>For 4,000 PSI Concrete, Add</i>	129.69	
			<i>For 4,500 PSI Concrete, Add</i>	190.62	
			<i>For 5,000 PSI Concrete, Add</i>	259.32	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades .....	1,104.31	
			<i>For 3,500 PSI Concrete, Add</i>	72.06	
			<i>For 4,000 PSI Concrete, Add</i>	135.39	
			<i>For 4,500 PSI Concrete, Add</i>	199.00	
			<i>For 5,000 PSI Concrete, Add</i>	270.72	
03 48 22 00-0011			Sun Screen/Trellis Units (03 48 22)		
03 48 22 00-0012			Installation Cost Using A 50 Ton Hydraulic Crane (03 48 22 00-0011)		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA		Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane .....	213.56	96.09
03 48 22 00-0014	EA		Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane .....	238.88	107.53
03 48 22 00-0015	EA		Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane .....	271.01	121.94
03 48 22 00-0016	EA		Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane .....	289.65	130.34
03 48 22 00-0017			Material Cost (03 48 22 00-0011)		
			Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY		4" Thick 3,000 PSI Concrete Precast Trellises Blades .....	1,127.56	
			<i>For 3,500 PSI Concrete, Add</i>	73.57	
			<i>For 4,000 PSI Concrete, Add</i>	138.24	
			<i>For 4,500 PSI Concrete, Add</i>	203.19	
			<i>For 5,000 PSI Concrete, Add</i>	276.42	
03 48 22 00-0019	CY		5" Thick 3,000 PSI Concrete Precast Trellises Blades .....	1,162.43	
			<i>For 3,500 PSI Concrete, Add</i>	75.85	
			<i>For 4,000 PSI Concrete, Add</i>	142.51	
			<i>For 4,500 PSI Concrete, Add</i>	209.47	
			<i>For 5,000 PSI Concrete, Add</i>	284.97	
03 48 22 00-0020	CY		6" Thick 3,000 PSI Concrete Precast Trellises Blades .....	1,208.93	
			<i>For 3,500 PSI Concrete, Add</i>	78.88	
			<i>For 4,000 PSI Concrete, Add</i>	148.21	
			<i>For 4,500 PSI Concrete, Add</i>	217.85	
			<i>For 5,000 PSI Concrete, Add</i>	296.37	
03 48 22 00-0021	CY		8" Thick 3,000 PSI Concrete Precast Trellises Blades .....	1,267.05	
			<i>For 3,500 PSI Concrete, Add</i>	82.68	
			<i>For 4,000 PSI Concrete, Add</i>	155.34	
			<i>For 4,500 PSI Concrete, Add</i>	228.32	
			<i>For 5,000 PSI Concrete, Add</i>	310.62	

**03 48 24 Precast Minaret Segments (03 48)****03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane (03 48 24)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.





<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Concrete Specialties</b>	<b>03 48</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 48 24 00-0002 L - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0003 EA Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	207.82	166.25
03 48 24 00-0004 EA Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	232.88	186.32
03 48 24 00-0005 EA Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	263.31	210.64
03 48 24 00-0006 EA Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	280.86	224.69
<b>03 48 24 00-0007 O - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0008 EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	219.63	175.74
03 48 24 00-0009 EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	246.51	197.17
03 48 24 00-0010 EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	279.17	223.31
03 48 24 00-0011 EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	298.99	239.17
<b>03 48 24 00-0012 Platform Segment</b> (03 48 24 00-0001)		
03 48 24 00-0013 EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	421.30	337.07
03 48 24 00-0014 EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	509.26	407.38
03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	565.15	452.13
03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	634.83	507.89
<b>03 48 24 00-0017 Cap Segment</b> (03 48 24 00-0001)		
03 48 24 00-0018 EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	230.56	184.43
03 48 24 00-0019 EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	257.46	205.93
03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	293.31	234.61
03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	313.12	250.47
<b>03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane</b> (03 48 24)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
<b>03 48 24 00-0023 L - Shaped Segments</b> (03 48 24 00-0022)		
03 48 24 00-0024 EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	214.30	171.44
03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	240.14	192.13
03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	271.53	217.22
03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	289.63	231.70
<b>03 48 24 00-0028 O - Shaped Segment</b> (03 48 24 00-0022)		
03 48 24 00-0029 EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	226.49	181.23
03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	254.20	203.32
03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	287.88	230.28
03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	308.32	246.64
<b>03 48 24 00-0033 Platform Segment</b> (03 48 24 00-0022)		
03 48 24 00-0034 EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	346.30	277.03
03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	419.20	335.34
03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	463.97	371.18
03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	525.15	420.09
<b>03 48 24 00-0038 Cap Segment</b> (03 48 24 00-0022)		
03 48 24 00-0039 EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	237.76	190.18
03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	265.50	212.36
03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	302.47	241.93
03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	322.89	258.28
<b>03 48 24 00-0043 Material Costs</b> (03 48 24)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete .....	2,789.68	
03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete .....	2,789.68	
03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3,000 PSI Concrete .....	2,789.68	
03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3,000 PSI Concrete .....	2,789.68	
<b>03 48 29 Precast Accessories</b> (03 48)		
Note: Includes installation labor, material and equipment.		
<b>03 48 29 00-0001 Bearing Pads For Precast Members</b> (03 48 29)		
<b>03 48 29 00-0002 Continuous 2" Wide Strips</b> (03 48 29 00-0001)		
03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips .....	0.77	
Note: For precast members		
03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips .....	1.16	
Note: For precast members.		
03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips .....	2.02	
Note: For precast members		

**03 Concrete****03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips .....2.89 Note: For precast members	2.89	
03 48 29 00-0007 LF Bearing Pads, Continuous 2" Wide x 1" Thick Strips .....3.80 Note: For precast members	3.80	
03 48 29 00-0008 LF Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips .....5.51 Note: For precast members	5.51	
<b>03 48 29 00-0009 Bearing Pad Pipe Supports (03 48 29)</b>		
03 48 29 00-0010 LF 4" x 4" Precast Pipe Support.....5.34	5.34	
<b>03 48 46 Precast Skylight Shells (03 48)</b>		
<b>03 48 46 00-0001 Installation Cost Using A 90 Ton Crawler Crane (03 48 46)</b> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002 EA Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane.....311.89	311.89	140.37
03 48 46 00-0003 EA Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane.....346.33	346.33	155.85
03 48 46 00-0004 EA Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane.....389.30	389.30	175.19
<b>03 48 46 00-0005 Material Cost (03 48 46)</b> Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006 CY 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius .....1,167.11	1,167.11	
<b>03 48 49 Precast Landings (03 48)</b>		
03 48 49 00-0001 SF 3" Thick Precast Landing .....31.51	31.51	
03 48 49 00-0002 SF 4" Thick Precast Landing .....36.61	36.61	
03 48 49 00-0003 SF 5" Thick Precast Landing .....41.76	41.76	
03 48 49 00-0004 SF 6" Thick Precast Landing .....48.19	48.19	
<b>03 50 Cast Decks And Underlayment (03)</b>		
<b>03 51 Cast Roof Decks (03 50)</b>		
<b>03 51 16 Gypsum Concrete Roof Decks (03 51)</b>		
<b>03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)</b>		
03 51 16 00-0002 SF 2" Thick Precast Gypsum Fill Concrete Deck, Class A .....3.35	3.35	0.26
03 51 16 00-0003 SF 2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....4.13	4.13	0.30
03 51 16 00-0004 SF 3" Thick Precast Gypsum Fill Concrete Deck, Class A .....4.91	4.91	0.35
03 51 16 00-0005 SF 3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....5.72	5.72	0.39
03 51 16 00-0006 SF 4" Thick Precast Gypsum Fill Concrete Deck, Class A .....6.54	6.54	0.44
<b>03 51 16 00-0007 Formboard For Lightweight Deck (03 51 16)</b>		
03 51 16 00-0008 SF Gypsum Deck Formboard, 1/2" Drywall For Lightweight Deck .....1.37	1.37	
03 51 16 00-0009 SF Gypsum Deck Formboard, 1" Mineral Fiber Board For Lightweight Deck.....1.96	1.96	
03 51 16 00-0010 SF Gypsum Deck Formboard, 1-1/2" Mineral Fiber Board For Lightweight Deck.....4.52	4.52	
03 51 16 00-0011 SF Gypsum Deck Formboard, 1" Cementitious Fiber Board For Lightweight Deck.....1.55	1.55	0.26
03 51 16 00-0012 SF Gypsum Deck Formboard, 1-1/2" Cementitious Fiber Board For Lightweight Deck .....1.95	1.95	0.26
03 51 16 00-0013 SF Gypsum Deck Formboard, 1" Glass Fiber Board For Lightweight Deck .....2.25	2.25	0.26
03 51 16 00-0014 SF Gypsum Deck Formboard, 1-1/2" Glass Fiber Board For Lightweight Deck.....2.87	2.87	0.26
<b>03 51 16 00-0015 Board Deck Supports For Formboard (03 51 16)</b>		
03 51 16 00-0016 SF Gypsum Deck Formboard Supports, 5' Bulb Tee 40 LB/SF, Span .....0.66	0.66	0.12
03 51 16 00-0017 SF Gypsum Deck Formboard Supports, 8' Bulb Tee 40 LB/SF Span .....1.14	1.14	0.19
<b>03 51 16 00-0018 Gypsum Plank (03 51 16)</b>		
03 51 16 00-0019 SF Insulating Concrete Gypsum Plank, 2" Thick Roof Deck .....2.26	2.26	
03 51 16 00-0020 SF Insulating Concrete Gypsum Plank, 3" Thick Roof Deck .....3.02	3.02	
<b>03 52 Lightweight Concrete Roof Insulation (03 50)</b>		
<b>03 52 16 Lightweight Insulating Concrete (03 52)</b> Note: Add costs for forming to all tasks below. See CSI section 03 11 00 00-0000 for forming.		
<b>03 52 16 00-0001 Poured Deck (03 52 16)</b>		
<b>03 52 16 00-0002 Perlite Or Vermiculite (03 52 16 00-0001)</b>		
03 52 16 00-0003 CY Insulating Roof Deck, Perlite, 1:6 Mix Field Mix, Also Vermiculite .....175.98 For Smooth Trowel Finish, Add 24.35	175.98 24.35	
<b>03 52 16 00-0004 Lightweight Insulating Concrete Deck, Ready Mix 1 To 6 Mix (03 52 16 00-0001)</b>		



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Cast Decks And Underlayment</b>	<b>03 50</b>	
<b>Lightweight Concrete Roof Insulation</b>	<b>03 52</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 52 16 00-0005 SF 2" Insulating Roof Deck, Ready Mix, 1:6 Mix..... <i>For Smooth Trowel Finish, Add</i>	1.88 0.18	
03 52 16 00-0006 SF 3" Insulating Roof Deck, Ready Mix, 1:6 Mix..... <i>For Smooth Trowel Finish, Add</i>	2.71 0.21	
<b>03 52 16 00-0007 Lightweight Insulating Concrete Plank Roof Deck (03 52 16)</b>		
03 52 16 00-0008 SF 2" Thick, Lightweight Insulating Concrete Plank Roof Deck..... <i>For &gt;4 To 12 Pitch, Add</i> <i>For &gt;6 To 12 Pitch, Add</i>	3.72 0.22 1.31	
03 52 16 00-0009 SF 2-1/2" Thick, Lightweight Insulating Concrete Plank Roof Deck..... <i>For &gt;4 To 12 Pitch, Add</i> <i>For &gt;6 To 12 Pitch, Add</i>	4.32 0.24 1.41	
03 52 16 00-0010 SF 3" Thick, Lightweight Insulating Concrete Plank Roof Deck..... <i>For &gt;4 To 12 Pitch, Add</i> <i>For &gt;6 To 12 Pitch, Add</i>	5.00 0.26 1.53	
03 52 16 00-0011 SF 3-1/2" Thick, Lightweight Insulating Concrete Plank Roof Deck..... <i>For &gt;4 To 12 Pitch, Add</i> <i>For &gt;6 To 12 Pitch, Add</i>	5.23 0.28 1.65	
03 52 16 00-0012 SF 4" Thick, Lightweight Insulating Concrete Plank Roof Deck..... <i>For &gt;4 To 12 Pitch, Add</i> <i>For &gt;6 To 12 Pitch, Add</i>	5.43 0.29 1.73	
<b>03 52 16 00-0013 Lightweight Insulating Concrete Channel Slab Roof Deck (03 52 16)</b>		
03 52 16 00-0014 SF 2-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck.....	4.12	
03 52 16 00-0015 SF 3-1/2" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck.....	4.42	
03 52 16 00-0016 SF 3-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck.....	4.51	
03 52 16 00-0017 SF 4-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck.....	4.68	
03 52 16 00-0018 SF 2-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck.....	5.78	
03 52 16 00-0019 SF 3-1/2" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck.....	5.86	
03 52 16 00-0020 SF 3-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck.....	5.96	
03 52 16 00-0021 SF 4-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck.....	6.05	
<b>03 53 Concrete Topping (03 50)</b>		
Note: Installed over new or existing concrete.		
<b>03 53 00 00-0001 Integral Topping Including Hard Trowel Finish (03 53)</b>		
Note: Using 1:1:2 mix.		
03 53 00 00-0002 SF 3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	1.26	
03 53 00 00-0003 SF 1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	1.44	
03 53 00 00-0004 SF 3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	1.70	
03 53 00 00-0005 SF 1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.03	
03 53 00 00-0006 SF 2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.96	
03 53 00 00-0007 SF 2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.62	
03 53 00 00-0008 SF 3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.95	
<b>03 53 00 00-0009 Granolithic Topping Laid After (03 53)</b>		
Note: Using 1:1:1-1/2 mix.		
03 53 00 00-0010 SF 1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	2.13	
03 53 00 00-0011 SF 1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	2.33	
03 53 00 00-0012 SF 2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....	2.99	
<b>03 54 Cast Underlayment (03 50)</b>		
Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).		
<b>03 54 16 Hydraulic Cement Underlayment (03 54)</b>		
<b>03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)</b>		
Note: Includes primer.		
03 54 16 00-0002 SF 1/8" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	1.32	
03 54 16 00-0003 SF 1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	2.06	
03 54 16 00-0004 SF 1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	3.53	
03 54 16 00-0005 SF 3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	5.01	
03 54 16 00-0006 SF 1" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	6.49	
03 54 16 00-0007 SF 1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	8.45	
03 54 16 00-0008 SF 1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	9.44	
03 54 16 00-0009 SF 1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....	12.40	
<b>03 60 Grouting (03)</b>		
<b>03 61 Cementitious Grouting (03 60)</b>		
Note: 1 part cement to 3 parts sand by volume.		
<b>03 61 16 Cementitious Flowable Grout (03 61)</b>		
<b>03 61 16 00-0001 Flowable Grout (03 61 16)</b>		
03 61 16 00-0002 CY Cementitious Flowable Grout.....	252.65	

<b>03</b>	<b>03 Concrete</b>
	<b>03 60 Grouting</b>
	<b>03 61 Cementitious Grouting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**03 62 Non-Shrink Grouting** (03 60)

**03 62 13 Non-Metallic Non-Shrink Grouting** (03 62)

**03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting** (03 62 13)

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Grouting Bases.....	13.91
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Grouting Bases.....	21.07

**03 62 13 00-0004 Non-Metallic Non-Shrink Grouting** (03 62 13)

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Grouting Bases .....	21.52
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Grouting Bases .....	35.10

**03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints** (03 62 13)

**03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints** (03 62 13 00-0007)

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	1.01
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	1.33
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	1.77

**03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints** (03 62 13 00-0007)

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	1.54
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	2.06
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	2.75

**03 62 16 Metallic Non-Shrink Grouting** (03 62)

**03 62 16 00-0001 Metallic Non-Shrink Grouting** (03 62 16)

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Grouting Bases .....	17.76
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Grouting Bases .....	27.81

**03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints** (03 62 16)

**03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints** (03 62 16 00-0004)

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	0.77
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	0.98
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	1.31

**03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints** (03 62 16 00-0004)

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	1.08
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	1.36
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	1.82

**03 64 Injection Grouting** (03 60)

Note: By volume of void filled. Includes injection ports.

**03 64 23 Epoxy Injection Grouting** (03 64)

**03 64 23 00-0001 Epoxy Injection Grouting** (03 64 23)

03 64 23 00-0002	CF	Pressure Injected Epoxy Grout.....	772.70
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**03 64 26 Cementitious Injection Grouting** (03 64)

**03 64 26 00-0001 Cementitious Injection Grouting** (03 64 26)

03 64 26 00-0002	CF	Pressure Injected Cementitious Grout.....	47.94
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**03 80 Concrete Cutting And Boring** (03)

**03 81 Concrete Cutting** (03 80)

**03 81 13 Flat Concrete Sawing** (03 81)  
See CSI section 02 41 19 13-0043 for saw cutting.

**03 81 16 Track Mounted Concrete Wall Sawing** (03 81)  
See CSI section 02 41 19 13-0043 for saw cutting.

**03 82 Concrete Boring** (03 80)

**03 82 13 Concrete Core Drilling** (03 82)  
See CSI section 02 41 19 13-0066 for core drilling.



	<b>Concrete</b>	<b>03</b>	<b>03</b>
	Concrete Cutting And Boring	03 80	
	Concrete Boring	03 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**END OF SECTION 03**

03	<b>03 Concrete</b>
	03 80 Concrete Cutting And Boring
	03 82 Concrete Boring



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Masonry</b>	<b>04</b>	<b>04</b>
Maintenance Of Masonry	04 01	
Maintenance Of Unit Masonry	04 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 04 Masonry

### 04 01 Maintenance Of Masonry <sup>(04)</sup>

#### 04 01 20 Maintenance Of Unit Masonry <sup>(04 01)</sup>

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

#### **04 01 20 41 Unit Masonry Stabilization <sup>(04 01 20)</sup>**

04 01 20 41-0001 Masonry Repair (Helifix®) <sup>(04 01 20 41)</sup>

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0001)</sup>

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0002)</sup>

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	18.76
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	29.56
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	41.29
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0002)</sup>

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	21.10
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	33.72
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) .....	47.53
		For Up To 10, Add	5.09
		For >10 To 50, Add	2.55

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) <sup>(04 01 20 41-0001)</sup>

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) <sup>(04 01 20 41-0011)</sup>

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	42.59
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	48.72
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	191.12
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	42.59
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	48.72
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	55.71
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	68.83
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) .....	191.12
		For Up To 10, Add	20.36
		For >10 To 50, Add	10.18

**04 Masonry****04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 01 20 41-0021	<b>316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar)</b> <small>(04 01 20 41-0011)</small>		
04 01 20 41-0022	EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	45.93	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0023	EA 4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.18	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0024	EA 4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	218.96	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0025	EA 6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	45.93	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0026	EA 6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.18	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0027	EA 6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	61.27	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0028	EA 6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	76.63	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0029	EA 6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	218.96	
	For Up To 10, Add	20.36	
	For >10 To 50, Add	10.18	
04 01 20 41-0030	<b>Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0001)</small>		
	Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031	<b>304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0030)</small>		
04 01 20 41-0032	EA 4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	8.93	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0033	EA 5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.03	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0034	EA 6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.13	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0035	EA 7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.23	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0036	EA 8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.33	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0037	EA 9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.43	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0038	EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	8.93	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0039	EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.03	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0040	EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.13	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0041	EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.23	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0042	EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.33	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0043	EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.53	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0044	EA 4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	8.93	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0045	EA 6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.13	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	
04 01 20 41-0046	EA 8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.78	
	For Up To 10, Add	3.05	
	For >10 To 50, Add	1.53	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 01 20 41-0047</b>				<b>316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0030)</small>		
04 01 20 41-0048	EA			4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	8.93	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0049	EA			5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.03	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0050	EA			6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.13	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0051	EA			7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.23	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0052	EA			8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.33	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0053	EA			9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.43	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0054	EA			4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	8.93	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0055	EA			5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.03	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0056	EA			6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.13	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0057	EA			7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.23	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0058	EA			8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.33	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0059	EA			10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.53	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0060	EA			4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	8.93	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0061	EA			6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.13	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0062	EA			8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	12.78	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
<b>04 01 20 41-0063</b>				<b>Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> <small>(04 01 20 41-0001)</small>		
				Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
<b>04 01 20 41-0064</b>				<b>304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> <small>(04 01 20 41-0063)</small>		
04 01 20 41-0065	EA			8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.34	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
				<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0066	EA			8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.74	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
				<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0067	EA			8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.81	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
				<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0068	EA			8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.98	
				<i>For Up To 10, Add</i>	3.05	
				<i>For &gt;10 To 50, Add</i>	1.53	
				<i>For Metal Stud Clip, Add</i>	2.06	

**04 Masonry****04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA		8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.27	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0070	EA		8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.51	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0071	EA		8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.63	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0072	EA		8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.78	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0073	EA		8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.49	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0074	EA		8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.59	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0075	EA		8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.43	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0076	EA		8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.15	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0077	EA		8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.76	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0078	EA		8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.92	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0079	EA		8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.84	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0080	EA		8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.39	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0081	EA		10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.48	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0082	EA		10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	6.90	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0083	EA		10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.29	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0084	EA		10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.63	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0085	EA		10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.85	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086 EA 10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.00	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0087 EA 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.26	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0088 EA 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.37	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0089 EA 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.86	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0090 EA 10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.57	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0091 EA 10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.17	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0092 EA 10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.92	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0093 EA 10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.96	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0094 EA 10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.23	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0095 EA 10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.75	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0096 EA 8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	7.40	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0097 EA 8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	7.66	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0098 EA 8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	7.82	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0099 EA 8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	7.94	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0100 EA 8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	8.29	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0101 EA 8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	8.85	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0102 EA 8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	9.06	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	

**04 Masonry****04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		9.62	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		8.06	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		8.54	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		8.88	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		9.10	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		9.26	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....		9.62	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®) .....		3.48	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.			
		<i>For Up To 10, Add</i>		1.53	
		<i>For &gt;10 To 50, Add</i>		0.77	
04 01 20 41-0111		<b>316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> (04 01 20 41-0063)			
04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		6.97	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		7.46	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		7.56	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		7.76	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		8.12	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		8.42	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		8.57	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....		8.77	
		<i>For Up To 10, Add</i>		3.05	
		<i>For &gt;10 To 50, Add</i>		1.53	
		<i>For Metal Stud Clip, Add</i>		2.06	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA			8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.50	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0121	EA			8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.63	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0122	EA			8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.69	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0123	EA			8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.58	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0124	EA			8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.35	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0125	EA			8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.04	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0126	EA			8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.23	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0127	EA			8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.42	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0128	EA			10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.22	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0129	EA			10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.71	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0130	EA			10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.19	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0131	EA			10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.62	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0132	EA			10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.90	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0133	EA			10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.08	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0134	EA			10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.40	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0135	EA			10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.53	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	
04 01 20 41-0136	EA			10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.12	
				For Up To 10, Add	3.05	
				For >10 To 50, Add	1.53	
				For Metal Stud Clip, Add	2.06	

**04 Masonry****04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA		10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.92	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0138	EA		10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.65	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0139	EA		10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.59	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0140	EA		10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.65	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0141	EA		10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.07	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0142	EA		10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	24.47	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0143	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.40	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0144	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.68	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0145	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.88	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0146	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.03	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0147	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.47	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0148	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.17	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0149	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.40	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0150	EA		8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.09	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0151	EA		10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.11	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0152	EA		10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.72	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	
04 01 20 41-0153	EA		10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.15	
			<i>For Up To 10, Add</i> .....	3.05	
			<i>For &gt;10 To 50, Add</i> .....	1.53	
			<i>For Metal Stud Clip, Add</i> .....	2.06	



<b>Masonry</b>	<b>04</b>	<b>04</b>
Maintenance Of Masonry	04 01	
Maintenance Of Unit Masonry	04 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154 EA 10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	10.42	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0155 EA 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	10.61	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0156 EA 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.06	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<i>For Metal Stud Clip, Add</i>	2.06	
04 01 20 41-0157 EA 316 Stainless Steel, Seismic Connector (Helifix® DryFix®) .....	3.97	
Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
<i>For Up To 10, Add</i>	1.53	
<i>For &gt;10 To 50, Add</i>	0.77	
<b>04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001)</b>		
Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
<b>04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>		
(04 01 20 41-0158)		
04 01 20 41-0160 EA 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	4.81	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0161 EA 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	4.86	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<b>04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>		
(04 01 20 41-0158)		
04 01 20 41-0163 EA 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	5.15	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
04 01 20 41-0164 EA 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	5.23	
<i>For Up To 10, Add</i>	3.05	
<i>For &gt;10 To 50, Add</i>	1.53	
<b>04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie (04 01 20 41-0001)</b>		
Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
<b>04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie)</b>		
(04 01 20 41-0165)		
04 01 20 41-0167 EA 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) .....	30.33	
<i>For Up To 10, Add</i>	20.36	
<i>For &gt;10 To 50, Add</i>	10.18	
<b>04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie)</b>		
(04 01 20 41-0165)		
04 01 20 41-0169 EA 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) .....	31.87	
<i>For Up To 10, Add</i>	20.36	
<i>For &gt;10 To 50, Add</i>	10.18	
<b>04 01 20 51 Unit Masonry Maintenance (04 01 20)</b>		
<b>04 01 20 51-0001 Grind Unit Masonry (04 01 20 51)</b>		
04 01 20 51-0002 SF Grind Smooth Masonry Wall .....	1.86	
<b>04 01 20 52 Unit Masonry Cleaning (04 01 20)</b>		
<b>04 01 20 52-0001 Cleaning And Repointing Masonry (04 01 20 52)</b>		
Note: Includes mortar for pointing. Excludes removing mortar.		
04 01 20 52-0002 SF Clean And Repoint Brick Masonry .....	1.27	
04 01 20 52-0003 SF Clean And Repoint Concrete Block Masonry .....	0.85	
04 01 20 52-0004 SF Clean And Repoint Brick On Historic Buildings.....	1.66	
<b>04 01 20 91 Unit Masonry Restoration (04 01 20)</b>		
<b>04 01 20 91-0001 Cut And Repoint Masonry (04 01 20 91)</b>		
Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		

**04 Masonry****04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0002	SF		Cut And Repoint Brick, Hard Intact Mortar, Running Bond .....	7.71	
			<i>For Common Bond, Add</i>	0.19	
			<i>For Flemish Bond, Add</i>	0.67	
			<i>For English Bond, Add</i>	1.10	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-1.16	
			<i>For &gt;250 To 1,000, Deduct</i>	-0.24	
			<i>For &gt;1,000, Deduct</i>	-0.62	
04 01 20 91-0003	SF		Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond .....	6.00	
			<i>For Common Bond, Add</i>	0.13	
			<i>For Flemish Bond, Add</i>	0.45	
			<i>For English Bond, Add</i>	0.75	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.90	
			<i>For &gt;250 To 1,000, Deduct</i>	-0.16	
			<i>For &gt;1,000, Deduct</i>	-0.46	
04 01 20 91-0004	SF		Cut And Repoint Concrete Block, Hard Intact Mortar, Running Bond.....	4.95	
			<i>For Common Bond, Add</i>	0.09	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.74	
			<i>For &gt;250 To 1,000, Deduct</i>	-0.12	
			<i>For &gt;1,000, Deduct</i>	-0.37	
04 01 20 91-0005	SF		Cut And Repoint Concrete Block, Soft, Loose Or Crumbling Mortar, Running Bond .....	3.92	
			<i>For Common Bond, Add</i>	0.06	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.59	
			<i>For &gt;250 To 1,000, Deduct</i>	-0.08	
			<i>For &gt;1,000, Deduct</i>	-0.28	
04 01 20 91-0006	LF		Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	1.73	
<b>04 01 20 91-0007</b>			<b>Cut And Caulk Masonry</b> <small>(04 01 20 91)</small>		
			Note: Remove existing mortar to 1/2" depth. Replace with caulk. Includes caulk, cutting, rinsing and cleaning joint.		
04 01 20 91-0008	LF		Cut And Caulk Masonry, Butyl Caulks .....	3.40	
			<i>For Vertical Expansion Joint Material, Add</i>	0.21	
			<i>For 3/4" Deep Cut, Add</i>	1.02	
04 01 20 91-0009	LF		Cut And Caulk Masonry, Polysulfide Or Acrylic Caulks .....	4.13	
			<i>For Vertical Expansion Joint Material, Add</i>	0.22	
			<i>For 3/4" Deep Cut, Add</i>	1.24	
04 01 20 91-0010	LF		Cut And Caulk Masonry, Silicone Caulks.....	4.90	
			<i>For Vertical Expansion Joint Material, Add</i>	0.26	
			<i>For 3/4" Deep Cut, Add</i>	1.47	
<b>04 01 20 91-0011</b>			<b>Repair Masonry</b> <small>(04 01 20 91)</small>		
			Note: Includes mortar for repair.		
04 01 20 91-0012	SF		Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material .....	9.74	
04 01 20 91-0013	SF		Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material.....	9.10	
04 01 20 91-0014	LF		Chip And Repair With Masonry Patch, Cracks Up To 1/4".....	2.36	
04 01 20 91-0015	SF		Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....	4.46	
04 01 20 91-0016	LF		Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570) .....	15.80	
			<i>For Cracks Accessible From Both Sides, Add</i>	3.22	
04 01 20 91-0017	LF		Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....	13.82	
			<i>For Cracks Accessible From Both Sides, Add</i>	3.22	
04 01 20 91-0018	LF		Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52) .....	3.77	
			<i>For V-Grooving Crack With Grinder, Add</i>	2.57	
04 01 20 91-0019	LF		>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	5.18	
			<i>For V-Grooving Crack With Grinder, Add</i>	2.43	
<b>04 01 40</b>			<b>Maintenance of Stone Assemblies</b> <small>(04 01)</small>		
<b>04 01 40 52</b>			<b>Stone Cleaning</b> <small>(04 01 40)</small>		
<b>04 01 40 52-0001</b>			<b>Cleaning And Pointing Stone</b> <small>(04 01 40 52)</small>		
04 01 40 52-0002	SF		Clean And Repoint Limestone On Historic Buildings .....	1.41	
04 01 40 52-0003	SF		Clean And Repoint Marble, Tile, Stone Or Granite .....	1.20	
<b>04 01 40 91</b>			<b>Stone Restoration</b> <small>(04 01 40)</small>		
<b>04 01 40 91-0001</b>			<b>Cut And Repoint</b> <small>(04 01 40 91)</small>		
04 01 40 91-0002	LF		Cut And Repoint Stone Work.....	3.21	
<b>04 01 40 91-0003</b>			<b>Repair</b> <small>(04 01 40 91)</small>		
04 01 40 91-0004	SF		Repair Field Stone Walls, Including Remove Damaged Stones And Reset.....	19.45	
04 01 40 91-0005	SF		Repair Molded Stone .....	2.12	
<b>04 01 40 91-0006</b>			<b>Clean And Patch Existing Stonework</b> <small>(04 01 40 91)</small>		
			Note: Excludes cutting, drilling or anchor bolts if required.		
04 01 40 91-0007	SF		Clean And Patch Existing Stonework.....	2.39	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 01 40 91-0008</b> <b>Removal Of Deteriorated Stone</b> <small>(04 01 40 91)</small>		
<i>Note: Includes cutting of stone for removal.</i>		
04 01 40 91-0009    SF    Removal Of Deteriorated Stone.....	4.73	
<i>Note: Does not include material for stone replacement</i>		
 <b>04 01 50</b> <b>Maintenance of Refractory Masonry</b> <small>(04 01)</small>		
<b>04 01 50 52</b> <b>Refractory Cleaning</b> <small>(04 01 50)</small>		
<b>04 01 50 52-0001</b> <b>Chimney Cleaning</b> <small>(04 01 50 52)</small>		
04 01 50 52-0002    LF    Up To 2 SF Cross Section Chimney Cleaning.....	3.12	
04 01 50 52-0003    LF    >2 To 4 SF Cross Section Chimney Cleaning.....	6.22	
04 01 50 52-0004    LF    >4 SF Cross Section Chimney Cleaning.....	9.34	
 <b>04 05</b> <b>Common Work Results For Masonry</b> <small>(04)</small>		
<b>04 05 13</b> <b>Masonry Mortaring</b> <small>(04 05)</small>		
<b>04 05 13 26</b> <b>Engineered Masonry Mortaring</b> <small>(04 05 13)</small>		
<i>Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.</i>		
<b>04 05 13 26-0001</b> <b>Masonry Cement Mortar</b> <small>(04 05 13 26)</small>		
<i>Note: Ratio is bag material to sand.</i>		
04 05 13 26-0002    CF    Type M Masonry Cement 1:1:6 Mix.....	4.70	
04 05 13 26-0003    CF    Type N Masonry Cement 1:3 Mix.....	4.33	
04 05 13 26-0004    CF    Type O Masonry Cement 1:3 Mix.....	4.45	
04 05 13 26-0005    CF    Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI.....	4.87	
04 05 13 26-0006    CF    Type S Masonry Cement 1/2:1:4 Mix.....	5.14	
 <b>04 05 13 26-0007</b> <b>Mortar Admixture</b> <small>(04 05 13 26)</small>		
04 05 13 26-0008    CF    Water - Repellent Stearate - Cost Based On CF Of Mortar.....	0.26	
04 05 13 26-0009    CF    Pozzolanic Plasticizers - Cost Based On CF Of Mortar.....	0.05	
 <b>04 05 13 26-0010</b> <b>Color Admixtures For Mortar</b> <small>(04 05 13 26)</small>		
<i>Note: Costs are based on CF of mortar.</i>		
04 05 13 26-0011    CF    Buff Colored Admixture.....	1.62	
04 05 13 26-0012    CF    Brown Colored Admixture.....	1.84	
04 05 13 26-0013    CF    Black Colored Admixture.....	2.28	
04 05 13 26-0014    CF    Red Colored Admixture.....	4.99	
 <b>04 05 13 26-0015</b> <b>Portland Cement</b> <small>(04 05 13 26)</small>		
04 05 13 26-0016    CF    Normal Portland Cement (Type I).....	8.65	
04 05 13 26-0017    CF    Modified Portland Cement (Type II).....	4.31	
04 05 13 26-0018    CF    High Early Strength (Type III).....	4.58	
04 05 13 26-0019    CF    White Non Staining Portland Cement (Type I).....	9.59	
 <b>04 05 16</b> <b>Masonry Grouting</b> <small>(04 05)</small>		
<b>04 05 16 26</b> <b>Engineered Masonry Grouting</b> <small>(04 05 16)</small>		
<i>Note: Does not include reinforcement.</i>		
<b>04 05 16 26-0001</b> <b>Bond Beams And Lintels, Concrete Fill</b> <small>(04 05 16 26)</small>		
<i>Note: Excludes block.</i>		
04 05 16 26-0002    LF    Grout Beams And Lintels - 6" Block Concrete Fill Only, 0.1125 CF/LF, 8" Deep.....	2.41	
04 05 16 26-0003    LF    Grout Beams And Lintels - 8" Block Concrete Fill Only, 0.20 CF/LF, 8" Deep.....	2.63	
04 05 16 26-0004    LF    Grout Beams And Lintels - 10" Block Concrete Fill Only, 0.25 CF/LF, 8" Deep.....	2.96	
04 05 16 26-0005    LF    Grout Beams And Lintels, 12" Block Concrete Fill Only, 0.30 CF/LF, 8" Deep.....	3.32	
 <b>04 05 16 26-0006</b> <b>Concrete Block Cores, Solid Filled</b> <small>(04 05 16 26)</small>		
<i>Note: Per SF of face area filled.</i>		
04 05 16 26-0007    SF    Grout Concrete Block Cores- 4" Block Concrete Fill Block Solid (0.067 CF/SF).....	1.83	
04 05 16 26-0008    SF    Grout Concrete Block Cores- 6" Block Concrete Fill Block Solid (0.175 CF/SF).....	2.72	
04 05 16 26-0009    SF    Grout Concrete Block Cores- 8" Block Concrete Fill Block Solid (0.258 CF/SF).....	3.89	
04 05 16 26-0010    SF    Grout Concrete Block Cores- 10" Block Concrete Fill Block Solid (0.34 CF/SF).....	4.79	
04 05 16 26-0011    SF    Grout Concrete Block Cores- 12" Block Concrete Fill Block Solid (0.422 CF/SF).....	5.67	
 <b>04 05 16 26-0012</b> <b>Cavity Walls</b> <small>(04 05 16 26)</small>		
<i>Note: Per SF of face area filled.</i>		
04 05 16 26-0013    SF    Grout Cavity Walls - 2" Space Concrete Fill (0.167 CF/SF).....	2.22	
04 05 16 26-0014    SF    Grout Cavity Walls - 3" Space Concrete Fill (0.250 CF/SF).....	3.13	
04 05 16 26-0015    SF    Grout Cavity Walls - 4" Space Concrete Fill (0.333 CF/SF).....	3.95	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 16 Masonry Grouting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 16 26-0016 SF Grout Cavity Walls - 6" Space Concrete Fill (0.500 CF/SF) .....	5.39	
<b>04 05 16 26-0017 Grouting Frames</b> <small>(04 05 16 26)</small>		
04 05 16 26-0018 LF Grout Door Frames - Grout Fill .....	3.57	
04 05 16 26-0019 LF Grout Window Frames - Grout Fill .....	3.07	
<b>04 05 16 26-0020 Sand Filled Walls</b> <small>(04 05 16 26)</small>		
<b>04 05 16 26-0021 Cavity Walls Sand Fill Concrete Block</b> <small>(04 05 16 26-0020)</small>		
Note: Per SF of face area filled.		
04 05 16 26-0022 SF Sand Fill Cavity Walls - 2" Space (0.167 CF/SF) .....	1.80	
04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space (0.250 CF/SF) .....	2.48	
04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space (0.333 CF/SF) .....	3.07	
04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space (0.500 CF/SF) .....	4.10	
<b>04 05 19 Masonry Anchorage And Reinforcing</b> <small>(04 05)</small>		
<b>04 05 19 13 Continuous Joint Reinforcing</b> <small>(04 05 19)</small>		
Note: Includes cutting and bending.		
04 05 19 13-0001 Continuous Joint Reinforcing <small>(04 05 19 13)</small>		
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>		
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0004 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0005 CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	26.84	
For Class 1 Mill Galvanized, Add	1.37	
For Class 2 Mill Galvanized, Add	2.06	
For Hot-Dipped Galvanized, Add	3.43	
For Stainless Steel, Add	13.72	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	
04 05 19 13-0006 CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	28.54	
For Class 1 Mill Galvanized, Add	1.44	
For Class 2 Mill Galvanized, Add	2.16	
For Hot-Dipped Galvanized, Add	3.60	
For Stainless Steel, Add	14.40	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	
04 05 19 13-0007 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	30.87	
For Class 1 Mill Galvanized, Add	1.52	
For Class 2 Mill Galvanized, Add	2.28	
For Hot-Dipped Galvanized, Add	3.80	
For Stainless Steel, Add	15.18	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	
04 05 19 13-0008 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	33.64	
For Class 1 Mill Galvanized, Add	1.61	
For Class 2 Mill Galvanized, Add	2.41	
For Hot-Dipped Galvanized, Add	4.02	
For Stainless Steel, Add	16.06	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	
04 05 19 13-0009 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	36.91	
For Class 1 Mill Galvanized, Add	1.69	
For Class 2 Mill Galvanized, Add	2.54	
For Hot-Dipped Galvanized, Add	4.23	
For Stainless Steel, Add	16.92	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	
04 05 19 13-0010 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	39.39	
For Class 1 Mill Galvanized, Add	1.73	
For Class 2 Mill Galvanized, Add	2.60	
For Hot-Dipped Galvanized, Add	4.34	
For Stainless Steel, Add	17.34	
For Cavity Drip, Add	0.50	
For 3-Wire, Add	8.75	
For Double Side Rods, Add	17.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0011 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	41.17	
<i>For Class 1 Mill Galvanized, Add</i>	1.78	
<i>For Class 2 Mill Galvanized, Add</i>	2.67	
<i>For Hot-Dipped Galvanized, Add</i>	4.46	
<i>For Stainless Steel, Add</i>	17.82	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0012 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	46.57	
<i>For Class 1 Mill Galvanized, Add</i>	2.45	
<i>For Class 2 Mill Galvanized, Add</i>	3.68	
<i>For Hot-Dipped Galvanized, Add</i>	6.13	
<i>For Stainless Steel, Add</i>	24.50	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0013 CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	55.30	
<i>For Class 1 Mill Galvanized, Add</i>	3.79	
<i>For Class 2 Mill Galvanized, Add</i>	5.68	
<i>For Hot-Dipped Galvanized, Add</i>	9.47	
<i>For Stainless Steel, Add</i>	37.88	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
<b>04 05 19 13-0014 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>		
04 05 19 13-0015 CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	30.64	
<i>For Class 1 Mill Galvanized, Add</i>	2.13	
<i>For Class 2 Mill Galvanized, Add</i>	3.20	
<i>For Hot-Dipped Galvanized, Add</i>	5.33	
<i>For Stainless Steel, Add</i>	21.32	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0016 CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	32.39	
<i>For Class 1 Mill Galvanized, Add</i>	2.21	
<i>For Class 2 Mill Galvanized, Add</i>	3.32	
<i>For Hot-Dipped Galvanized, Add</i>	5.53	
<i>For Stainless Steel, Add</i>	22.10	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0017 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	34.76	
<i>For Class 1 Mill Galvanized, Add</i>	2.30	
<i>For Class 2 Mill Galvanized, Add</i>	3.44	
<i>For Hot-Dipped Galvanized, Add</i>	5.74	
<i>For Stainless Steel, Add</i>	22.96	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0018 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	37.49	
<i>For Class 1 Mill Galvanized, Add</i>	2.38	
<i>For Class 2 Mill Galvanized, Add</i>	3.56	
<i>For Hot-Dipped Galvanized, Add</i>	5.94	
<i>For Stainless Steel, Add</i>	23.76	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0019 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	40.75	
<i>For Class 1 Mill Galvanized, Add</i>	2.46	
<i>For Class 2 Mill Galvanized, Add</i>	3.69	
<i>For Hot-Dipped Galvanized, Add</i>	6.15	
<i>For Stainless Steel, Add</i>	24.60	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0020 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	43.25	
<i>For Class 1 Mill Galvanized, Add</i>	2.51	
<i>For Class 2 Mill Galvanized, Add</i>	3.76	
<i>For Hot-Dipped Galvanized, Add</i>	6.27	
<i>For Stainless Steel, Add</i>	25.06	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0021	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	45.01	
			<i>For Class 1 Mill Galvanized, Add</i>	2.55	
			<i>For Class 2 Mill Galvanized, Add</i>	3.82	
			<i>For Hot-Dipped Galvanized, Add</i>	6.37	
			<i>For Stainless Steel, Add</i>	25.48	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0022	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	51.62	
			<i>For Class 1 Mill Galvanized, Add</i>	3.46	
			<i>For Class 2 Mill Galvanized, Add</i>	5.19	
			<i>For Hot-Dipped Galvanized, Add</i>	8.66	
			<i>For Stainless Steel, Add</i>	34.62	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0023	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	63.98	
			<i>For Class 1 Mill Galvanized, Add</i>	5.52	
			<i>For Class 2 Mill Galvanized, Add</i>	8.29	
			<i>For Hot-Dipped Galvanized, Add</i>	13.81	
			<i>For Stainless Steel, Add</i>	55.24	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
<b>04 05 19 13-0024</b>			<b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>		
04 05 19 13-0025	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	34.32	
			<i>For Class 1 Mill Galvanized, Add</i>	2.87	
			<i>For Class 2 Mill Galvanized, Add</i>	4.30	
			<i>For Hot-Dipped Galvanized, Add</i>	7.17	
			<i>For Stainless Steel, Add</i>	28.68	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0026	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	36.65	
			<i>For Class 1 Mill Galvanized, Add</i>	3.03	
			<i>For Class 2 Mill Galvanized, Add</i>	4.54	
			<i>For Hot-Dipped Galvanized, Add</i>	7.57	
			<i>For Stainless Steel, Add</i>	30.26	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0027	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	38.97	
			<i>For Class 1 Mill Galvanized, Add</i>	3.18	
			<i>For Class 2 Mill Galvanized, Add</i>	4.78	
			<i>For Hot-Dipped Galvanized, Add</i>	7.96	
			<i>For Stainless Steel, Add</i>	31.84	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0028	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	42.47	
			<i>For Class 1 Mill Galvanized, Add</i>	3.37	
			<i>For Class 2 Mill Galvanized, Add</i>	5.06	
			<i>For Hot-Dipped Galvanized, Add</i>	8.43	
			<i>For Stainless Steel, Add</i>	33.72	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0029	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	45.97	
			<i>For Class 1 Mill Galvanized, Add</i>	3.56	
			<i>For Class 2 Mill Galvanized, Add</i>	5.34	
			<i>For Hot-Dipped Galvanized, Add</i>	8.90	
			<i>For Stainless Steel, Add</i>	35.60	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0030	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	49.03	
			<i>For Class 1 Mill Galvanized, Add</i>	3.66	
			<i>For Class 2 Mill Galvanized, Add</i>	5.49	
			<i>For Hot-Dipped Galvanized, Add</i>	9.15	
			<i>For Stainless Steel, Add</i>	36.60	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0031 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	50.74	
<i>For Class 1 Mill Galvanized, Add</i>	3.75	
<i>For Class 2 Mill Galvanized, Add</i>	5.62	
<i>For Hot-Dipped Galvanized, Add</i>	9.37	
<i>For Stainless Steel, Add</i>	37.46	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0032 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	53.91	
<i>For Class 1 Mill Galvanized, Add</i>	3.92	
<i>For Class 2 Mill Galvanized, Add</i>	5.88	
<i>For Hot-Dipped Galvanized, Add</i>	9.80	
<i>For Stainless Steel, Add</i>	39.18	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0033 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	68.92	
<i>For Class 1 Mill Galvanized, Add</i>	6.51	
<i>For Class 2 Mill Galvanized, Add</i>	9.77	
<i>For Hot-Dipped Galvanized, Add</i>	16.28	
<i>For Stainless Steel, Add</i>	65.10	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
<b>04 05 19 13-0034 Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
<b>04 05 19 13-0035 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0034)</small>		
04 05 19 13-0036 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	37.59	
<i>For Class 1 Mill Galvanized, Add</i>	2.33	
<i>For Class 2 Mill Galvanized, Add</i>	3.50	
<i>For Hot-Dipped Galvanized, Add</i>	5.83	
<i>For Stainless Steel, Add</i>	23.32	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0037 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	41.54	
<i>For Class 1 Mill Galvanized, Add</i>	2.55	
<i>For Class 2 Mill Galvanized, Add</i>	3.82	
<i>For Hot-Dipped Galvanized, Add</i>	6.37	
<i>For Stainless Steel, Add</i>	25.46	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0038 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	45.36	
<i>For Class 1 Mill Galvanized, Add</i>	2.73	
<i>For Class 2 Mill Galvanized, Add</i>	4.10	
<i>For Hot-Dipped Galvanized, Add</i>	6.84	
<i>For Stainless Steel, Add</i>	27.34	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0039 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	48.79	
<i>For Class 1 Mill Galvanized, Add</i>	2.84	
<i>For Class 2 Mill Galvanized, Add</i>	4.27	
<i>For Hot-Dipped Galvanized, Add</i>	7.11	
<i>For Stainless Steel, Add</i>	28.44	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0040 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	50.74	
<i>For Class 1 Mill Galvanized, Add</i>	2.94	
<i>For Class 2 Mill Galvanized, Add</i>	4.42	
<i>For Hot-Dipped Galvanized, Add</i>	7.36	
<i>For Stainless Steel, Add</i>	29.44	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0041 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	54.44	
<i>For Class 1 Mill Galvanized, Add</i>	3.17	
<i>For Class 2 Mill Galvanized, Add</i>	4.75	
<i>For Hot-Dipped Galvanized, Add</i>	7.92	
<i>For Stainless Steel, Add</i>	31.68	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0042 CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	57.68	
<i>For Class 1 Mill Galvanized, Add</i>	3.35	
<i>For Class 2 Mill Galvanized, Add</i>	5.03	
<i>For Hot-Dipped Galvanized, Add</i>	8.39	
<i>For Stainless Steel, Add</i>	33.54	
<i>For Cavity Drip, Add</i>	0.50	
<b>04 05 19 13-0043 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0034)</small>		

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0044	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	42.32	
			For Class 1 Mill Galvanized, Add	3.28	
			For Class 2 Mill Galvanized, Add	4.92	
			For Hot-Dipped Galvanized, Add	8.20	
			For Stainless Steel, Add	32.78	
			For Cavity Drip, Add	0.50	
04 05 19 13-0045	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	46.28	
			For Class 1 Mill Galvanized, Add	3.49	
			For Class 2 Mill Galvanized, Add	5.24	
			For Hot-Dipped Galvanized, Add	8.74	
			For Stainless Steel, Add	34.94	
			For Cavity Drip, Add	0.50	
04 05 19 13-0046	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	50.05	
			For Class 1 Mill Galvanized, Add	3.67	
			For Class 2 Mill Galvanized, Add	5.51	
			For Hot-Dipped Galvanized, Add	9.18	
			For Stainless Steel, Add	36.72	
			For Cavity Drip, Add	0.50	
04 05 19 13-0047	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	53.53	
			For Class 1 Mill Galvanized, Add	3.79	
			For Class 2 Mill Galvanized, Add	5.69	
			For Hot-Dipped Galvanized, Add	9.48	
			For Stainless Steel, Add	37.92	
			For Cavity Drip, Add	0.50	
04 05 19 13-0048	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	55.48	
			For Class 1 Mill Galvanized, Add	3.89	
			For Class 2 Mill Galvanized, Add	5.84	
			For Hot-Dipped Galvanized, Add	9.73	
			For Stainless Steel, Add	38.92	
			For Cavity Drip, Add	0.50	
04 05 19 13-0049	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	59.18	
			For Class 1 Mill Galvanized, Add	4.12	
			For Class 2 Mill Galvanized, Add	6.17	
			For Hot-Dipped Galvanized, Add	10.29	
			For Stainless Steel, Add	41.16	
			For Cavity Drip, Add	0.50	
04 05 19 13-0050	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	62.48	
			For Class 1 Mill Galvanized, Add	4.31	
			For Class 2 Mill Galvanized, Add	6.47	
			For Hot-Dipped Galvanized, Add	10.79	
			For Stainless Steel, Add	43.14	
			For Cavity Drip, Add	0.50	
04 05 19 13-0051			<b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0034)</small>		
04 05 19 13-0052	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	44.62	
			For Class 1 Mill Galvanized, Add	3.74	
			For Class 2 Mill Galvanized, Add	5.61	
			For Hot-Dipped Galvanized, Add	9.35	
			For Stainless Steel, Add	37.38	
			For Cavity Drip, Add	0.50	
04 05 19 13-0053	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	49.13	
			For Class 1 Mill Galvanized, Add	4.06	
			For Class 2 Mill Galvanized, Add	6.10	
			For Hot-Dipped Galvanized, Add	10.16	
			For Stainless Steel, Add	40.64	
			For Cavity Drip, Add	0.50	
04 05 19 13-0054	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	53.60	
			For Class 1 Mill Galvanized, Add	4.38	
			For Class 2 Mill Galvanized, Add	6.57	
			For Hot-Dipped Galvanized, Add	10.96	
			For Stainless Steel, Add	43.82	
			For Cavity Drip, Add	0.50	
04 05 19 13-0055	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	57.33	
			For Class 1 Mill Galvanized, Add	4.55	
			For Class 2 Mill Galvanized, Add	6.83	
			For Hot-Dipped Galvanized, Add	11.38	
			For Stainless Steel, Add	45.52	
			For Cavity Drip, Add	0.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0056 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	59.56	
<i>For Class 1 Mill Galvanized, Add</i>	4.71	
<i>For Class 2 Mill Galvanized, Add</i>	7.06	
<i>For Hot-Dipped Galvanized, Add</i>	11.77	
<i>For Stainless Steel, Add</i>	47.08	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0057 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	63.80	
<i>For Class 1 Mill Galvanized, Add</i>	5.04	
<i>For Class 2 Mill Galvanized, Add</i>	7.56	
<i>For Hot-Dipped Galvanized, Add</i>	12.60	
<i>For Stainless Steel, Add</i>	50.40	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0058 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	67.74	
<i>For Class 1 Mill Galvanized, Add</i>	5.37	
<i>For Class 2 Mill Galvanized, Add</i>	8.05	
<i>For Hot-Dipped Galvanized, Add</i>	13.42	
<i>For Stainless Steel, Add</i>	53.66	
<i>For Cavity Drip, Add</i>	0.50	
<b>04 05 19 13-0059 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
<b>04 05 19 13-0060 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0059)</small>		
04 05 19 13-0061 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	50.33	
<i>For Class 1 Mill Galvanized, Add</i>	4.88	
<i>For Class 2 Mill Galvanized, Add</i>	7.32	
<i>For Hot-Dipped Galvanized, Add</i>	12.20	
<i>For Stainless Steel, Add</i>	48.80	
04 05 19 13-0062 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	53.96	
<i>For Class 1 Mill Galvanized, Add</i>	5.03	
<i>For Class 2 Mill Galvanized, Add</i>	7.55	
<i>For Hot-Dipped Galvanized, Add</i>	12.58	
<i>For Stainless Steel, Add</i>	50.30	
04 05 19 13-0063 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	57.59	
<i>For Class 1 Mill Galvanized, Add</i>	5.18	
<i>For Class 2 Mill Galvanized, Add</i>	7.77	
<i>For Hot-Dipped Galvanized, Add</i>	12.95	
<i>For Stainless Steel, Add</i>	51.80	
04 05 19 13-0064 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	62.76	
<i>For Class 1 Mill Galvanized, Add</i>	5.35	
<i>For Class 2 Mill Galvanized, Add</i>	8.02	
<i>For Hot-Dipped Galvanized, Add</i>	13.37	
<i>For Stainless Steel, Add</i>	53.48	
04 05 19 13-0065 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	66.18	
<i>For Class 1 Mill Galvanized, Add</i>	5.52	
<i>For Class 2 Mill Galvanized, Add</i>	8.27	
<i>For Hot-Dipped Galvanized, Add</i>	13.79	
<i>For Stainless Steel, Add</i>	55.16	
04 05 19 13-0066 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	69.77	
<i>For Class 1 Mill Galvanized, Add</i>	5.77	
<i>For Class 2 Mill Galvanized, Add</i>	8.66	
<i>For Hot-Dipped Galvanized, Add</i>	14.43	
<i>For Stainless Steel, Add</i>	57.72	
<b>04 05 19 13-0067 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0059)</small>		
04 05 19 13-0068 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	57.76	
<i>For Class 1 Mill Galvanized, Add</i>	6.37	
<i>For Class 2 Mill Galvanized, Add</i>	9.55	
<i>For Hot-Dipped Galvanized, Add</i>	15.92	
<i>For Stainless Steel, Add</i>	63.66	
04 05 19 13-0069 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	61.39	
<i>For Class 1 Mill Galvanized, Add</i>	6.52	
<i>For Class 2 Mill Galvanized, Add</i>	9.77	
<i>For Hot-Dipped Galvanized, Add</i>	16.29	
<i>For Stainless Steel, Add</i>	65.16	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0070	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	65.12	
			For Class 1 Mill Galvanized, Add	6.69	
			For Class 2 Mill Galvanized, Add	10.03	
			For Hot-Dipped Galvanized, Add	16.72	
			For Stainless Steel, Add	66.86	
04 05 19 13-0071	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	70.20	
			For Class 1 Mill Galvanized, Add	6.84	
			For Class 2 Mill Galvanized, Add	10.25	
			For Hot-Dipped Galvanized, Add	17.09	
			For Stainless Steel, Add	68.36	
04 05 19 13-0072	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	73.63	
			For Class 1 Mill Galvanized, Add	7.01	
			For Class 2 Mill Galvanized, Add	10.51	
			For Hot-Dipped Galvanized, Add	17.52	
			For Stainless Steel, Add	70.06	
04 05 19 13-0073	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	76.79	
			For Class 1 Mill Galvanized, Add	7.18	
			For Class 2 Mill Galvanized, Add	10.76	
			For Hot-Dipped Galvanized, Add	17.94	
			For Stainless Steel, Add	71.76	
04 05 19 13-0074			<b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0059)		
04 05 19 13-0075	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	58.30	
			For Class 1 Mill Galvanized, Add	6.47	
			For Class 2 Mill Galvanized, Add	9.71	
			For Hot-Dipped Galvanized, Add	16.19	
			For Stainless Steel, Add	64.74	
04 05 19 13-0076	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	62.35	
			For Class 1 Mill Galvanized, Add	6.71	
			For Class 2 Mill Galvanized, Add	10.06	
			For Hot-Dipped Galvanized, Add	16.77	
			For Stainless Steel, Add	67.08	
04 05 19 13-0077	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	66.38	
			For Class 1 Mill Galvanized, Add	6.94	
			For Class 2 Mill Galvanized, Add	10.41	
			For Hot-Dipped Galvanized, Add	17.35	
			For Stainless Steel, Add	69.38	
04 05 19 13-0078	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	72.11	
			For Class 1 Mill Galvanized, Add	7.22	
			For Class 2 Mill Galvanized, Add	10.83	
			For Hot-Dipped Galvanized, Add	18.05	
			For Stainless Steel, Add	72.18	
04 05 19 13-0079	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	76.07	
			For Class 1 Mill Galvanized, Add	7.49	
			For Class 2 Mill Galvanized, Add	11.24	
			For Hot-Dipped Galvanized, Add	18.74	
			For Stainless Steel, Add	74.94	
04 05 19 13-0080	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	79.76	
			For Class 1 Mill Galvanized, Add	7.77	
			For Class 2 Mill Galvanized, Add	11.66	
			For Hot-Dipped Galvanized, Add	19.43	
			For Stainless Steel, Add	77.70	
04 05 19 13-0081			<b>Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0002)		
04 05 19 13-0082			<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0081)		
04 05 19 13-0083	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	54.60	
			For Class 1 Mill Galvanized, Add	5.16	
			For Class 2 Mill Galvanized, Add	7.74	
			For Hot-Dipped Galvanized, Add	12.90	
			For Stainless Steel, Add	51.58	
04 05 19 13-0084	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	58.21	
			For Class 1 Mill Galvanized, Add	5.30	
			For Class 2 Mill Galvanized, Add	7.96	
			For Hot-Dipped Galvanized, Add	13.26	
			For Stainless Steel, Add	53.04	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0085 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	63.28	
<i>For Class 1 Mill Galvanized, Add</i>	5.45	
<i>For Class 2 Mill Galvanized, Add</i>	8.18	
<i>For Hot-Dipped Galvanized, Add</i>	13.63	
<i>For Stainless Steel, Add</i>	54.52	
04 05 19 13-0086 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	66.73	
<i>For Class 1 Mill Galvanized, Add</i>	5.63	
<i>For Class 2 Mill Galvanized, Add</i>	8.44	
<i>For Hot-Dipped Galvanized, Add</i>	14.07	
<i>For Stainless Steel, Add</i>	56.26	
04 05 19 13-0087 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	69.88	
<i>For Class 1 Mill Galvanized, Add</i>	5.79	
<i>For Class 2 Mill Galvanized, Add</i>	8.69	
<i>For Hot-Dipped Galvanized, Add</i>	14.49	
<i>For Stainless Steel, Add</i>	57.94	
04 05 19 13-0088 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	73.17	
<i>For Class 1 Mill Galvanized, Add</i>	6.13	
<i>For Class 2 Mill Galvanized, Add</i>	9.20	
<i>For Hot-Dipped Galvanized, Add</i>	15.33	
<i>For Stainless Steel, Add</i>	61.32	
<b>04 05 19 13-0089 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0081)</b>		
04 05 19 13-0090 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	62.03	
<i>For Class 1 Mill Galvanized, Add</i>	6.64	
<i>For Class 2 Mill Galvanized, Add</i>	9.97	
<i>For Hot-Dipped Galvanized, Add</i>	16.61	
<i>For Stainless Steel, Add</i>	66.44	
04 05 19 13-0091 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	65.66	
<i>For Class 1 Mill Galvanized, Add</i>	6.79	
<i>For Class 2 Mill Galvanized, Add</i>	10.19	
<i>For Hot-Dipped Galvanized, Add</i>	16.99	
<i>For Stainless Steel, Add</i>	67.94	
04 05 19 13-0092 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	70.83	
<i>For Class 1 Mill Galvanized, Add</i>	6.96	
<i>For Class 2 Mill Galvanized, Add</i>	10.44	
<i>For Hot-Dipped Galvanized, Add</i>	17.41	
<i>For Stainless Steel, Add</i>	69.62	
04 05 19 13-0093 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	74.15	
<i>For Class 1 Mill Galvanized, Add</i>	7.11	
<i>For Class 2 Mill Galvanized, Add</i>	10.67	
<i>For Hot-Dipped Galvanized, Add</i>	17.78	
<i>For Stainless Steel, Add</i>	71.10	
04 05 19 13-0094 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	77.31	
<i>For Class 1 Mill Galvanized, Add</i>	7.28	
<i>For Class 2 Mill Galvanized, Add</i>	10.92	
<i>For Hot-Dipped Galvanized, Add</i>	18.20	
<i>For Stainless Steel, Add</i>	72.80	
04 05 19 13-0095 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	80.70	
<i>For Class 1 Mill Galvanized, Add</i>	7.64	
<i>For Class 2 Mill Galvanized, Add</i>	11.46	
<i>For Hot-Dipped Galvanized, Add</i>	19.10	
<i>For Stainless Steel, Add</i>	76.38	
<b>04 05 19 13-0096 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0081)</b>		
04 05 19 13-0097 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	62.56	
<i>For Class 1 Mill Galvanized, Add</i>	6.75	
<i>For Class 2 Mill Galvanized, Add</i>	10.13	
<i>For Hot-Dipped Galvanized, Add</i>	16.88	
<i>For Stainless Steel, Add</i>	67.50	
04 05 19 13-0098 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	66.60	
<i>For Class 1 Mill Galvanized, Add</i>	6.98	
<i>For Class 2 Mill Galvanized, Add</i>	10.47	
<i>For Hot-Dipped Galvanized, Add</i>	17.46	
<i>For Stainless Steel, Add</i>	69.82	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0099	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	72.11	
			<i>For Class 1 Mill Galvanized, Add</i>	7.22	
			<i>For Class 2 Mill Galvanized, Add</i>	10.83	
			<i>For Hot-Dipped Galvanized, Add</i>	18.05	
			<i>For Stainless Steel, Add</i>	72.18	
04 05 19 13-0100	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	76.07	
			<i>For Class 1 Mill Galvanized, Add</i>	7.49	
			<i>For Class 2 Mill Galvanized, Add</i>	11.24	
			<i>For Hot-Dipped Galvanized, Add</i>	18.74	
			<i>For Stainless Steel, Add</i>	74.94	
04 05 19 13-0101	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	79.76	
			<i>For Class 1 Mill Galvanized, Add</i>	7.77	
			<i>For Class 2 Mill Galvanized, Add</i>	11.66	
			<i>For Hot-Dipped Galvanized, Add</i>	19.43	
			<i>For Stainless Steel, Add</i>	77.70	
04 05 19 13-0102	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	83.33	
			<i>For Class 1 Mill Galvanized, Add</i>	8.16	
			<i>For Class 2 Mill Galvanized, Add</i>	12.25	
			<i>For Hot-Dipped Galvanized, Add</i>	20.41	
			<i>For Stainless Steel, Add</i>	81.64	
04 05 19 13-0103			<b>Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
04 05 19 13-0104			<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0103)</small>		
04 05 19 13-0105	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	52.15	
			<i>For Class 1 Mill Galvanized, Add</i>	4.67	
			<i>For Class 2 Mill Galvanized, Add</i>	7.00	
			<i>For Hot-Dipped Galvanized, Add</i>	11.67	
			<i>For Stainless Steel, Add</i>	46.68	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0106	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	55.64	
			<i>For Class 1 Mill Galvanized, Add</i>	4.79	
			<i>For Class 2 Mill Galvanized, Add</i>	7.19	
			<i>For Hot-Dipped Galvanized, Add</i>	11.98	
			<i>For Stainless Steel, Add</i>	47.90	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0107	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	60.62	
			<i>For Class 1 Mill Galvanized, Add</i>	4.92	
			<i>For Class 2 Mill Galvanized, Add</i>	7.38	
			<i>For Hot-Dipped Galvanized, Add</i>	12.30	
			<i>For Stainless Steel, Add</i>	49.20	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0108	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	63.89	
			<i>For Class 1 Mill Galvanized, Add</i>	5.06	
			<i>For Class 2 Mill Galvanized, Add</i>	7.59	
			<i>For Hot-Dipped Galvanized, Add</i>	12.65	
			<i>For Stainless Steel, Add</i>	50.58	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0109	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	66.93	
			<i>For Class 1 Mill Galvanized, Add</i>	5.20	
			<i>For Class 2 Mill Galvanized, Add</i>	7.81	
			<i>For Hot-Dipped Galvanized, Add</i>	13.01	
			<i>For Stainless Steel, Add</i>	52.04	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0110	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	69.18	
			<i>For Class 1 Mill Galvanized, Add</i>	5.33	
			<i>For Class 2 Mill Galvanized, Add</i>	8.00	
			<i>For Hot-Dipped Galvanized, Add</i>	13.34	
			<i>For Stainless Steel, Add</i>	53.34	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0111			<b>3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0103)</small>		
04 05 19 13-0112	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	59.12	
			<i>For Class 1 Mill Galvanized, Add</i>	6.06	
			<i>For Class 2 Mill Galvanized, Add</i>	9.09	
			<i>For Hot-Dipped Galvanized, Add</i>	15.16	
			<i>For Stainless Steel, Add</i>	60.62	
			<i>For Seismic Hook And Eye, Add</i>	27.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0113 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	62.48	
<i>For Class 1 Mill Galvanized, Add</i>	6.16	
<i>For Class 2 Mill Galvanized, Add</i>	9.24	
<i>For Hot-Dipped Galvanized, Add</i>	15.40	
<i>For Stainless Steel, Add</i>	61.58	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0114 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	67.48	
<i>For Class 1 Mill Galvanized, Add</i>	6.29	
<i>For Class 2 Mill Galvanized, Add</i>	9.44	
<i>For Hot-Dipped Galvanized, Add</i>	15.73	
<i>For Stainless Steel, Add</i>	62.92	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0115 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	70.71	
<i>For Class 1 Mill Galvanized, Add</i>	6.42	
<i>For Class 2 Mill Galvanized, Add</i>	9.63	
<i>For Hot-Dipped Galvanized, Add</i>	16.06	
<i>For Stainless Steel, Add</i>	64.22	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0116 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	73.67	
<i>For Class 1 Mill Galvanized, Add</i>	6.55	
<i>For Class 2 Mill Galvanized, Add</i>	9.83	
<i>For Hot-Dipped Galvanized, Add</i>	16.38	
<i>For Stainless Steel, Add</i>	65.52	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0117 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	76.88	
<i>For Class 1 Mill Galvanized, Add</i>	6.83	
<i>For Class 2 Mill Galvanized, Add</i>	10.25	
<i>For Hot-Dipped Galvanized, Add</i>	17.09	
<i>For Stainless Steel, Add</i>	68.34	
<i>For Seismic Hook And Eye, Add</i>	27.50	
<b>04 05 19 13-0118 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0103)</b>		
04 05 19 13-0119 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	59.64	
<i>For Class 1 Mill Galvanized, Add</i>	6.17	
<i>For Class 2 Mill Galvanized, Add</i>	9.25	
<i>For Hot-Dipped Galvanized, Add</i>	15.42	
<i>For Stainless Steel, Add</i>	61.66	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0120 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	63.63	
<i>For Class 1 Mill Galvanized, Add</i>	6.39	
<i>For Class 2 Mill Galvanized, Add</i>	9.58	
<i>For Hot-Dipped Galvanized, Add</i>	15.97	
<i>For Stainless Steel, Add</i>	63.88	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0121 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	69.06	
<i>For Class 1 Mill Galvanized, Add</i>	6.61	
<i>For Class 2 Mill Galvanized, Add</i>	9.91	
<i>For Hot-Dipped Galvanized, Add</i>	16.52	
<i>For Stainless Steel, Add</i>	66.08	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0122 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	72.97	
<i>For Class 1 Mill Galvanized, Add</i>	6.87	
<i>For Class 2 Mill Galvanized, Add</i>	10.31	
<i>For Hot-Dipped Galvanized, Add</i>	17.19	
<i>For Stainless Steel, Add</i>	68.74	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0123 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	76.60	
<i>For Class 1 Mill Galvanized, Add</i>	7.14	
<i>For Class 2 Mill Galvanized, Add</i>	10.71	
<i>For Hot-Dipped Galvanized, Add</i>	17.85	
<i>For Stainless Steel, Add</i>	71.38	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0124 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	79.51	
<i>For Class 1 Mill Galvanized, Add</i>	7.40	
<i>For Class 2 Mill Galvanized, Add</i>	11.10	
<i>For Hot-Dipped Galvanized, Add</i>	18.50	
<i>For Stainless Steel, Add</i>	74.00	
<i>For Seismic Hook And Eye, Add</i>	27.50	

04 05 19 13-0125 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall  
Reinforcement (04 05 19 13-0002)

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 13-0126	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0126)</small>	
04 05 19 13-0127	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	56.42
	For Class 1 Mill Galvanized, Add	4.95
	For Class 2 Mill Galvanized, Add	7.42
	For Hot-Dipped Galvanized, Add	12.37
	For Stainless Steel, Add	49.46
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0128	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	61.35
	For Class 1 Mill Galvanized, Add	5.07
	For Class 2 Mill Galvanized, Add	7.60
	For Hot-Dipped Galvanized, Add	12.67
	For Stainless Steel, Add	50.66
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0129	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	64.52
	For Class 1 Mill Galvanized, Add	5.18
	For Class 2 Mill Galvanized, Add	7.78
	For Hot-Dipped Galvanized, Add	12.96
	For Stainless Steel, Add	51.84
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0130	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	67.60
	For Class 1 Mill Galvanized, Add	5.34
	For Class 2 Mill Galvanized, Add	8.01
	For Hot-Dipped Galvanized, Add	13.35
	For Stainless Steel, Add	53.38
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0131	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	69.89
	For Class 1 Mill Galvanized, Add	5.48
	For Class 2 Mill Galvanized, Add	8.21
	For Hot-Dipped Galvanized, Add	13.69
	For Stainless Steel, Add	54.76
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0132	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0126)</small>	
04 05 19 13-0133	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	63.14
	For Class 1 Mill Galvanized, Add	6.29
	For Class 2 Mill Galvanized, Add	9.44
	For Hot-Dipped Galvanized, Add	15.73
	For Stainless Steel, Add	62.90
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0134	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	68.12
	For Class 1 Mill Galvanized, Add	6.42
	For Class 2 Mill Galvanized, Add	9.63
	For Hot-Dipped Galvanized, Add	16.05
	For Stainless Steel, Add	64.20
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0135	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	71.39
	For Class 1 Mill Galvanized, Add	6.56
	For Class 2 Mill Galvanized, Add	9.84
	For Hot-Dipped Galvanized, Add	16.40
	For Stainless Steel, Add	65.58
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0136	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	74.26
	For Class 1 Mill Galvanized, Add	6.67
	For Class 2 Mill Galvanized, Add	10.01
	For Hot-Dipped Galvanized, Add	16.68
	For Stainless Steel, Add	66.70
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0137	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	76.61
	For Class 1 Mill Galvanized, Add	6.82
	For Class 2 Mill Galvanized, Add	10.23
	For Hot-Dipped Galvanized, Add	17.05
	For Stainless Steel, Add	68.20
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0138	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0126)</small>	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0139 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	63.83	
<i>For Class 1 Mill Galvanized, Add</i>	6.43	
<i>For Class 2 Mill Galvanized, Add</i>	9.64	
<i>For Hot-Dipped Galvanized, Add</i>	16.07	
<i>For Stainless Steel, Add</i>	64.28	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0140 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	69.27	
<i>For Class 1 Mill Galvanized, Add</i>	6.65	
<i>For Class 2 Mill Galvanized, Add</i>	9.98	
<i>For Hot-Dipped Galvanized, Add</i>	16.63	
<i>For Stainless Steel, Add</i>	66.50	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0141 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	72.97	
<i>For Class 1 Mill Galvanized, Add</i>	6.87	
<i>For Class 2 Mill Galvanized, Add</i>	10.31	
<i>For Hot-Dipped Galvanized, Add</i>	17.19	
<i>For Stainless Steel, Add</i>	68.74	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0142 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	76.60	
<i>For Class 1 Mill Galvanized, Add</i>	7.14	
<i>For Class 2 Mill Galvanized, Add</i>	10.71	
<i>For Hot-Dipped Galvanized, Add</i>	17.85	
<i>For Stainless Steel, Add</i>	71.38	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0143 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	79.51	
<i>For Class 1 Mill Galvanized, Add</i>	7.40	
<i>For Class 2 Mill Galvanized, Add</i>	11.10	
<i>For Hot-Dipped Galvanized, Add</i>	18.50	
<i>For Stainless Steel, Add</i>	74.00	
<i>For Seismic Hook And Eye, Add</i>	27.50	
 04 05 19 13-0144 Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>		
04 05 19 13-0145 Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>		
04 05 19 13-0146 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0145)</small>		
04 05 19 13-0147 CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	29.70	
<i>For Class 1 Mill Galvanized, Add</i>	1.94	
<i>For Class 2 Mill Galvanized, Add</i>	2.92	
<i>For Hot-Dipped Galvanized, Add</i>	4.86	
<i>For Stainless Steel, Add</i>	19.44	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0148 CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	31.17	
<i>For Class 1 Mill Galvanized, Add</i>	1.97	
<i>For Class 2 Mill Galvanized, Add</i>	2.95	
<i>For Hot-Dipped Galvanized, Add</i>	4.92	
<i>For Stainless Steel, Add</i>	19.66	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0149 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	33.50	
<i>For Class 1 Mill Galvanized, Add</i>	2.04	
<i>For Class 2 Mill Galvanized, Add</i>	3.07	
<i>For Hot-Dipped Galvanized, Add</i>	5.11	
<i>For Stainless Steel, Add</i>	20.44	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0150 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	36.33	
<i>For Class 1 Mill Galvanized, Add</i>	2.14	
<i>For Class 2 Mill Galvanized, Add</i>	3.22	
<i>For Hot-Dipped Galvanized, Add</i>	5.36	
<i>For Stainless Steel, Add</i>	21.44	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0151	CLF	#12	(For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	39.74	
			<i>For Class 1 Mill Galvanized, Add</i>	2.26	
			<i>For Class 2 Mill Galvanized, Add</i>	3.39	
			<i>For Hot-Dipped Galvanized, Add</i>	5.65	
			<i>For Stainless Steel, Add</i>	22.58	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0152	CLF	#13	(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	42.31	
			<i>For Class 1 Mill Galvanized, Add</i>	2.32	
			<i>For Class 2 Mill Galvanized, Add</i>	3.48	
			<i>For Hot-Dipped Galvanized, Add</i>	5.80	
			<i>For Stainless Steel, Add</i>	23.18	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0153	CLF	#14	(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	44.04	
			<i>For Class 1 Mill Galvanized, Add</i>	2.41	
			<i>For Class 2 Mill Galvanized, Add</i>	3.61	
			<i>For Hot-Dipped Galvanized, Add</i>	6.02	
			<i>For Stainless Steel, Add</i>	24.06	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0154	CLF	#16	(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	51.21	
			<i>For Class 1 Mill Galvanized, Add</i>	3.38	
			<i>For Class 2 Mill Galvanized, Add</i>	5.07	
			<i>For Hot-Dipped Galvanized, Add</i>	8.45	
			<i>For Stainless Steel, Add</i>	33.80	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0155	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	54.23	
			<i>For Class 1 Mill Galvanized, Add</i>	3.57	
			<i>For Class 2 Mill Galvanized, Add</i>	5.36	
			<i>For Hot-Dipped Galvanized, Add</i>	8.94	
			<i>For Stainless Steel, Add</i>	35.74	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0156	CLF	#20	(For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	69.84	
			<i>For Class 1 Mill Galvanized, Add</i>	6.18	
			<i>For Class 2 Mill Galvanized, Add</i>	9.27	
			<i>For Hot-Dipped Galvanized, Add</i>	15.46	
			<i>For Stainless Steel, Add</i>	61.82	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0157			<b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b>		
			<small>(04 05 19 13-0145)</small>		
04 05 19 13-0158	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	33.46	
			<i>For Class 1 Mill Galvanized, Add</i>	2.70	
			<i>For Class 2 Mill Galvanized, Add</i>	4.04	
			<i>For Hot-Dipped Galvanized, Add</i>	6.74	
			<i>For Stainless Steel, Add</i>	26.96	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0159	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	35.01	
			<i>For Class 1 Mill Galvanized, Add</i>	2.73	
			<i>For Class 2 Mill Galvanized, Add</i>	4.10	
			<i>For Hot-Dipped Galvanized, Add</i>	6.84	
			<i>For Stainless Steel, Add</i>	27.34	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0160	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	37.34	
			<i>For Class 1 Mill Galvanized, Add</i>	2.81	
			<i>For Class 2 Mill Galvanized, Add</i>	4.22	
			<i>For Hot-Dipped Galvanized, Add</i>	7.03	
			<i>For Stainless Steel, Add</i>	28.12	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0161 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	40.16	
<i>For Class 1 Mill Galvanized, Add</i>	2.91	
<i>For Class 2 Mill Galvanized, Add</i>	4.37	
<i>For Hot-Dipped Galvanized, Add</i>	7.28	
<i>For Stainless Steel, Add</i>	29.10	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0162 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	43.52	
<i>For Class 1 Mill Galvanized, Add</i>	3.01	
<i>For Class 2 Mill Galvanized, Add</i>	4.52	
<i>For Hot-Dipped Galvanized, Add</i>	7.54	
<i>For Stainless Steel, Add</i>	30.14	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0163 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	46.14	
<i>For Class 1 Mill Galvanized, Add</i>	3.08	
<i>For Class 2 Mill Galvanized, Add</i>	4.63	
<i>For Hot-Dipped Galvanized, Add</i>	7.71	
<i>For Stainless Steel, Add</i>	30.84	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0164 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	47.81	
<i>For Class 1 Mill Galvanized, Add</i>	3.16	
<i>For Class 2 Mill Galvanized, Add</i>	4.74	
<i>For Hot-Dipped Galvanized, Add</i>	7.90	
<i>For Stainless Steel, Add</i>	31.60	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0165 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	56.28	
<i>For Class 1 Mill Galvanized, Add</i>	4.39	
<i>For Class 2 Mill Galvanized, Add</i>	6.59	
<i>For Hot-Dipped Galvanized, Add</i>	10.99	
<i>For Stainless Steel, Add</i>	43.94	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0166 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	59.29	
<i>For Class 1 Mill Galvanized, Add</i>	4.59	
<i>For Class 2 Mill Galvanized, Add</i>	6.88	
<i>For Hot-Dipped Galvanized, Add</i>	11.47	
<i>For Stainless Steel, Add</i>	45.86	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0167 CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	79.88	
<i>For Class 1 Mill Galvanized, Add</i>	8.66	
<i>For Class 2 Mill Galvanized, Add</i>	13.00	
<i>For Hot-Dipped Galvanized, Add</i>	21.66	
<i>For Stainless Steel, Add</i>	86.64	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
<b>04 05 19 13-0168 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0145)</small> .....	<b>39.22</b>	
<i>For Class 1 Mill Galvanized, Add</i>	3.85	
<i>For Class 2 Mill Galvanized, Add</i>	5.77	
<i>For Hot-Dipped Galvanized, Add</i>	9.62	
<i>For Stainless Steel, Add</i>	38.48	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0170 CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	41.00	
<i>For Class 1 Mill Galvanized, Add</i>	3.90	
<i>For Class 2 Mill Galvanized, Add</i>	5.84	
<i>For Hot-Dipped Galvanized, Add</i>	9.74	
<i>For Stainless Steel, Add</i>	38.96	
<i>For Cavity Drip, Add</i>	0.50	
<i>For 3-Wire, Add</i>	8.75	
<i>For Double Side Rods, Add</i>	17.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0171	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	43.24	
			<i>For Class 1 Mill Galvanized, Add</i>	4.04	
			<i>For Class 2 Mill Galvanized, Add</i>	6.06	
			<i>For Hot-Dipped Galvanized, Add</i>	10.10	
			<i>For Stainless Steel, Add</i>	40.38	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0172	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	46.78	
			<i>For Class 1 Mill Galvanized, Add</i>	4.23	
			<i>For Class 2 Mill Galvanized, Add</i>	6.35	
			<i>For Hot-Dipped Galvanized, Add</i>	10.59	
			<i>For Stainless Steel, Add</i>	42.34	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0173	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	50.56	
			<i>For Class 1 Mill Galvanized, Add</i>	4.48	
			<i>For Class 2 Mill Galvanized, Add</i>	6.72	
			<i>For Hot-Dipped Galvanized, Add</i>	11.20	
			<i>For Stainless Steel, Add</i>	44.78	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0174	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	53.67	
			<i>For Class 1 Mill Galvanized, Add</i>	4.59	
			<i>For Class 2 Mill Galvanized, Add</i>	6.88	
			<i>For Hot-Dipped Galvanized, Add</i>	11.47	
			<i>For Stainless Steel, Add</i>	45.88	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0175	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	55.78	
			<i>For Class 1 Mill Galvanized, Add</i>	4.75	
			<i>For Class 2 Mill Galvanized, Add</i>	7.13	
			<i>For Hot-Dipped Galvanized, Add</i>	11.89	
			<i>For Stainless Steel, Add</i>	47.54	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0176	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	67.69	
			<i>For Class 1 Mill Galvanized, Add</i>	6.67	
			<i>For Class 2 Mill Galvanized, Add</i>	10.01	
			<i>For Hot-Dipped Galvanized, Add</i>	16.69	
			<i>For Stainless Steel, Add</i>	66.74	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0177	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.63	
			<i>For Class 1 Mill Galvanized, Add</i>	7.05	
			<i>For Class 2 Mill Galvanized, Add</i>	10.58	
			<i>For Hot-Dipped Galvanized, Add</i>	17.63	
			<i>For Stainless Steel, Add</i>	70.52	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0178	CLF	#20	(For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.89	
			<i>For Class 1 Mill Galvanized, Add</i>	12.19	
			<i>For Class 2 Mill Galvanized, Add</i>	18.29	
			<i>For Hot-Dipped Galvanized, Add</i>	30.48	
			<i>For Stainless Steel, Add</i>	121.92	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0179			Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0144)		
04 05 19 13-0180			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0179)		
04 05 19 13-0181	CLF	#8	(For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	41.17	
			<i>For Class 1 Mill Galvanized, Add</i>	3.05	
			<i>For Class 2 Mill Galvanized, Add</i>	4.57	
			<i>For Hot-Dipped Galvanized, Add</i>	7.62	
			<i>For Stainless Steel, Add</i>	30.48	
			<i>For Cavity Drip, Add</i>	0.50	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0182 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	44.78	
<i>For Class 1 Mill Galvanized, Add</i>	3.19	
<i>For Class 2 Mill Galvanized, Add</i>	4.79	
<i>For Hot-Dipped Galvanized, Add</i>	7.99	
<i>For Stainless Steel, Add</i>	31.94	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0183 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	48.59	
<i>For Class 1 Mill Galvanized, Add</i>	3.38	
<i>For Class 2 Mill Galvanized, Add</i>	5.07	
<i>For Hot-Dipped Galvanized, Add</i>	8.45	
<i>For Stainless Steel, Add</i>	33.80	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0184 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	52.12	
<i>For Class 1 Mill Galvanized, Add</i>	3.51	
<i>For Class 2 Mill Galvanized, Add</i>	5.27	
<i>For Hot-Dipped Galvanized, Add</i>	8.78	
<i>For Stainless Steel, Add</i>	35.10	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0185 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	54.10	
<i>For Class 1 Mill Galvanized, Add</i>	3.62	
<i>For Class 2 Mill Galvanized, Add</i>	5.42	
<i>For Hot-Dipped Galvanized, Add</i>	9.04	
<i>For Stainless Steel, Add</i>	36.16	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0186 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	57.97	
<i>For Class 1 Mill Galvanized, Add</i>	3.87	
<i>For Class 2 Mill Galvanized, Add</i>	5.81	
<i>For Hot-Dipped Galvanized, Add</i>	9.69	
<i>For Stainless Steel, Add</i>	38.74	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0187 CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	61.57	
<i>For Class 1 Mill Galvanized, Add</i>	4.13	
<i>For Class 2 Mill Galvanized, Add</i>	6.20	
<i>For Hot-Dipped Galvanized, Add</i>	10.33	
<i>For Stainless Steel, Add</i>	41.32	
<i>For Cavity Drip, Add</i>	0.50	
<b>04 05 19 13-0188 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0179)</small>		
04 05 19 13-0189 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	45.91	
<i>For Class 1 Mill Galvanized, Add</i>	4.00	
<i>For Class 2 Mill Galvanized, Add</i>	5.99	
<i>For Hot-Dipped Galvanized, Add</i>	9.99	
<i>For Stainless Steel, Add</i>	39.96	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0190 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	49.54	
<i>For Class 1 Mill Galvanized, Add</i>	4.15	
<i>For Class 2 Mill Galvanized, Add</i>	6.22	
<i>For Hot-Dipped Galvanized, Add</i>	10.37	
<i>For Stainless Steel, Add</i>	41.46	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0191 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	53.33	
<i>For Class 1 Mill Galvanized, Add</i>	4.33	
<i>For Class 2 Mill Galvanized, Add</i>	6.49	
<i>For Hot-Dipped Galvanized, Add</i>	10.82	
<i>For Stainless Steel, Add</i>	43.28	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0192 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	56.86	
<i>For Class 1 Mill Galvanized, Add</i>	4.46	
<i>For Class 2 Mill Galvanized, Add</i>	6.69	
<i>For Hot-Dipped Galvanized, Add</i>	11.15	
<i>For Stainless Steel, Add</i>	44.58	
<i>For Cavity Drip, Add</i>	0.50	
04 05 19 13-0193 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	58.82	
<i>For Class 1 Mill Galvanized, Add</i>	4.56	
<i>For Class 2 Mill Galvanized, Add</i>	6.84	
<i>For Hot-Dipped Galvanized, Add</i>	11.40	
<i>For Stainless Steel, Add</i>	45.60	
<i>For Cavity Drip, Add</i>	0.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0194	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	62.70	
			<i>For Class 1 Mill Galvanized, Add</i> .....	4.82	
			<i>For Class 2 Mill Galvanized, Add</i> .....	7.23	
			<i>For Hot-Dipped Galvanized, Add</i> .....	12.05	
			<i>For Stainless Steel, Add</i> .....	48.20	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0195	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	66.32	
			<i>For Class 1 Mill Galvanized, Add</i> .....	5.08	
			<i>For Class 2 Mill Galvanized, Add</i> .....	7.62	
			<i>For Hot-Dipped Galvanized, Add</i> .....	12.71	
			<i>For Stainless Steel, Add</i> .....	50.82	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0196			<b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0179)</small>		
04 05 19 13-0197	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	50.31	
			<i>For Class 1 Mill Galvanized, Add</i> .....	4.88	
			<i>For Class 2 Mill Galvanized, Add</i> .....	7.31	
			<i>For Hot-Dipped Galvanized, Add</i> .....	12.19	
			<i>For Stainless Steel, Add</i> .....	48.76	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0198	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	54.35	
			<i>For Class 1 Mill Galvanized, Add</i> .....	5.11	
			<i>For Class 2 Mill Galvanized, Add</i> .....	7.66	
			<i>For Hot-Dipped Galvanized, Add</i> .....	12.77	
			<i>For Stainless Steel, Add</i> .....	51.08	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0199	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	58.81	
			<i>For Class 1 Mill Galvanized, Add</i> .....	5.42	
			<i>For Class 2 Mill Galvanized, Add</i> .....	8.14	
			<i>For Hot-Dipped Galvanized, Add</i> .....	13.56	
			<i>For Stainless Steel, Add</i> .....	54.24	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0200	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	62.55	
			<i>For Class 1 Mill Galvanized, Add</i> .....	5.60	
			<i>For Class 2 Mill Galvanized, Add</i> .....	8.39	
			<i>For Hot-Dipped Galvanized, Add</i> .....	13.99	
			<i>For Stainless Steel, Add</i> .....	55.96	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0201	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	64.86	
			<i>For Class 1 Mill Galvanized, Add</i> .....	5.77	
			<i>For Class 2 Mill Galvanized, Add</i> .....	8.65	
			<i>For Hot-Dipped Galvanized, Add</i> .....	14.42	
			<i>For Stainless Steel, Add</i> .....	57.68	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0202	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	69.39	
			<i>For Class 1 Mill Galvanized, Add</i> .....	6.16	
			<i>For Class 2 Mill Galvanized, Add</i> .....	9.24	
			<i>For Hot-Dipped Galvanized, Add</i> .....	15.40	
			<i>For Stainless Steel, Add</i> .....	61.58	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0203	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	73.30	
			<i>For Class 1 Mill Galvanized, Add</i> .....	6.48	
			<i>For Class 2 Mill Galvanized, Add</i> .....	9.72	
			<i>For Hot-Dipped Galvanized, Add</i> .....	16.20	
			<i>For Stainless Steel, Add</i> .....	64.78	
			<i>For Cavity Drip, Add</i> .....	0.50	
04 05 19 13-0204			<b>Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0144)</small>		
04 05 19 13-0205			<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>		
04 05 19 13-0206	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	55.96	
			<i>For Class 1 Mill Galvanized, Add</i> .....	6.01	
			<i>For Class 2 Mill Galvanized, Add</i> .....	9.01	
			<i>For Hot-Dipped Galvanized, Add</i> .....	15.02	
			<i>For Stainless Steel, Add</i> .....	60.06	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0207 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	59.05	
<i>For Class 1 Mill Galvanized, Add</i>	6.05	
<i>For Class 2 Mill Galvanized, Add</i>	9.07	
<i>For Hot-Dipped Galvanized, Add</i>	15.12	
<i>For Stainless Steel, Add</i>	60.48	
04 05 19 13-0208 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	62.67	
<i>For Class 1 Mill Galvanized, Add</i>	6.20	
<i>For Class 2 Mill Galvanized, Add</i>	9.29	
<i>For Hot-Dipped Galvanized, Add</i>	15.49	
<i>For Stainless Steel, Add</i>	61.96	
04 05 19 13-0209 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	67.97	
<i>For Class 1 Mill Galvanized, Add</i>	6.39	
<i>For Class 2 Mill Galvanized, Add</i>	9.59	
<i>For Hot-Dipped Galvanized, Add</i>	15.98	
<i>For Stainless Steel, Add</i>	63.90	
04 05 19 13-0210 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	71.71	
<i>For Class 1 Mill Galvanized, Add</i>	6.62	
<i>For Class 2 Mill Galvanized, Add</i>	9.93	
<i>For Hot-Dipped Galvanized, Add</i>	16.56	
<i>For Stainless Steel, Add</i>	66.22	
04 05 19 13-0211 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	75.42	
<i>For Class 1 Mill Galvanized, Add</i>	6.90	
<i>For Class 2 Mill Galvanized, Add</i>	10.35	
<i>For Hot-Dipped Galvanized, Add</i>	17.26	
<i>For Stainless Steel, Add</i>	69.02	
<b>04 05 19 13-0212 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0204)</b>		
04 05 19 13-0213 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	63.30	
<i>For Class 1 Mill Galvanized, Add</i>	7.47	
<i>For Class 2 Mill Galvanized, Add</i>	11.21	
<i>For Hot-Dipped Galvanized, Add</i>	18.69	
<i>For Stainless Steel, Add</i>	74.74	
04 05 19 13-0214 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	66.49	
<i>For Class 1 Mill Galvanized, Add</i>	7.54	
<i>For Class 2 Mill Galvanized, Add</i>	11.30	
<i>For Hot-Dipped Galvanized, Add</i>	18.84	
<i>For Stainless Steel, Add</i>	75.36	
04 05 19 13-0215 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	70.11	
<i>For Class 1 Mill Galvanized, Add</i>	7.68	
<i>For Class 2 Mill Galvanized, Add</i>	11.53	
<i>For Hot-Dipped Galvanized, Add</i>	19.21	
<i>For Stainless Steel, Add</i>	76.84	
04 05 19 13-0216 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	75.40	
<i>For Class 1 Mill Galvanized, Add</i>	7.88	
<i>For Class 2 Mill Galvanized, Add</i>	11.81	
<i>For Hot-Dipped Galvanized, Add</i>	19.69	
<i>For Stainless Steel, Add</i>	78.76	
04 05 19 13-0217 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	79.04	
<i>For Class 1 Mill Galvanized, Add</i>	8.09	
<i>For Class 2 Mill Galvanized, Add</i>	12.13	
<i>For Hot-Dipped Galvanized, Add</i>	20.22	
<i>For Stainless Steel, Add</i>	80.88	
04 05 19 13-0218 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	82.42	
<i>For Class 1 Mill Galvanized, Add</i>	8.30	
<i>For Class 2 Mill Galvanized, Add</i>	12.45	
<i>For Hot-Dipped Galvanized, Add</i>	20.76	
<i>For Stainless Steel, Add</i>	83.02	
<b>04 05 19 13-0219 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0204)</b>		
04 05 19 13-0220 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	67.32	
<i>For Class 1 Mill Galvanized, Add</i>	8.28	
<i>For Class 2 Mill Galvanized, Add</i>	12.42	
<i>For Hot-Dipped Galvanized, Add</i>	20.70	
<i>For Stainless Steel, Add</i>	82.78	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0221	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	70.52	
			<i>For Class 1 Mill Galvanized, Add</i>	8.34	
			<i>For Class 2 Mill Galvanized, Add</i>	12.51	
			<i>For Hot-Dipped Galvanized, Add</i>	20.86	
			<i>For Stainless Steel, Add</i>	83.42	
04 05 19 13-0222	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	74.55	
			<i>For Class 1 Mill Galvanized, Add</i>	8.57	
			<i>For Class 2 Mill Galvanized, Add</i>	12.86	
			<i>For Hot-Dipped Galvanized, Add</i>	21.43	
			<i>For Stainless Steel, Add</i>	85.72	
04 05 19 13-0223	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	80.39	
			<i>For Class 1 Mill Galvanized, Add</i>	8.87	
			<i>For Class 2 Mill Galvanized, Add</i>	13.31	
			<i>For Hot-Dipped Galvanized, Add</i>	22.19	
			<i>For Stainless Steel, Add</i>	88.74	
04 05 19 13-0224	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	84.88	
			<i>For Class 1 Mill Galvanized, Add</i>	9.26	
			<i>For Class 2 Mill Galvanized, Add</i>	13.88	
			<i>For Hot-Dipped Galvanized, Add</i>	23.14	
			<i>For Stainless Steel, Add</i>	92.56	
04 05 19 13-0225	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	89.31	
			<i>For Class 1 Mill Galvanized, Add</i>	9.68	
			<i>For Class 2 Mill Galvanized, Add</i>	14.52	
			<i>For Hot-Dipped Galvanized, Add</i>	24.20	
			<i>For Stainless Steel, Add</i>	96.80	
04 05 19 13-0226			<b>Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0144)</small>		
04 05 19 13-0227			<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0226)</small>		
04 05 19 13-0228	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	60.24	
			<i>For Class 1 Mill Galvanized, Add</i>	6.29	
			<i>For Class 2 Mill Galvanized, Add</i>	9.43	
			<i>For Hot-Dipped Galvanized, Add</i>	15.72	
			<i>For Stainless Steel, Add</i>	62.86	
04 05 19 13-0229	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	63.34	
			<i>For Class 1 Mill Galvanized, Add</i>	6.33	
			<i>For Class 2 Mill Galvanized, Add</i>	9.50	
			<i>For Hot-Dipped Galvanized, Add</i>	15.83	
			<i>For Stainless Steel, Add</i>	63.30	
04 05 19 13-0230	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	68.38	
			<i>For Class 1 Mill Galvanized, Add</i>	6.47	
			<i>For Class 2 Mill Galvanized, Add</i>	9.71	
			<i>For Hot-Dipped Galvanized, Add</i>	16.18	
			<i>For Stainless Steel, Add</i>	64.72	
04 05 19 13-0231	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	71.93	
			<i>For Class 1 Mill Galvanized, Add</i>	6.67	
			<i>For Class 2 Mill Galvanized, Add</i>	10.00	
			<i>For Hot-Dipped Galvanized, Add</i>	16.67	
			<i>For Stainless Steel, Add</i>	66.66	
04 05 19 13-0232	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	75.41	
			<i>For Class 1 Mill Galvanized, Add</i>	6.90	
			<i>For Class 2 Mill Galvanized, Add</i>	10.35	
			<i>For Hot-Dipped Galvanized, Add</i>	17.25	
			<i>For Stainless Steel, Add</i>	69.00	
04 05 19 13-0233	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	78.21	
			<i>For Class 1 Mill Galvanized, Add</i>	7.14	
			<i>For Class 2 Mill Galvanized, Add</i>	10.71	
			<i>For Hot-Dipped Galvanized, Add</i>	17.85	
			<i>For Stainless Steel, Add</i>	71.40	
04 05 19 13-0234			<b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0226)</small>		
04 05 19 13-0235	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	67.55	
			<i>For Class 1 Mill Galvanized, Add</i>	7.75	
			<i>For Class 2 Mill Galvanized, Add</i>	11.62	
			<i>For Hot-Dipped Galvanized, Add</i>	19.37	
			<i>For Stainless Steel, Add</i>	77.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0236 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	70.75	
<i>For Class 1 Mill Galvanized, Add</i>	7.81	
<i>For Class 2 Mill Galvanized, Add</i>	11.72	
<i>For Hot-Dipped Galvanized, Add</i>	19.53	
<i>For Stainless Steel, Add</i>	78.12	
04 05 19 13-0237 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	75.82	
<i>For Class 1 Mill Galvanized, Add</i>	7.96	
<i>For Class 2 Mill Galvanized, Add</i>	11.94	
<i>For Hot-Dipped Galvanized, Add</i>	19.90	
<i>For Stainless Steel, Add</i>	79.60	
04 05 19 13-0238 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	79.36	
<i>For Class 1 Mill Galvanized, Add</i>	8.15	
<i>For Class 2 Mill Galvanized, Add</i>	12.23	
<i>For Hot-Dipped Galvanized, Add</i>	20.38	
<i>For Stainless Steel, Add</i>	81.52	
04 05 19 13-0239 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	82.73	
<i>For Class 1 Mill Galvanized, Add</i>	8.36	
<i>For Class 2 Mill Galvanized, Add</i>	12.55	
<i>For Hot-Dipped Galvanized, Add</i>	20.91	
<i>For Stainless Steel, Add</i>	83.64	
04 05 19 13-0240 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	85.59	
<i>For Class 1 Mill Galvanized, Add</i>	8.62	
<i>For Class 2 Mill Galvanized, Add</i>	12.92	
<i>For Hot-Dipped Galvanized, Add</i>	21.54	
<i>For Stainless Steel, Add</i>	86.16	
<b>04 05 19 13-0241 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0226)</small>		
04 05 19 13-0242 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	71.59	
<i>For Class 1 Mill Galvanized, Add</i>	8.56	
<i>For Class 2 Mill Galvanized, Add</i>	12.83	
<i>For Hot-Dipped Galvanized, Add</i>	21.39	
<i>For Stainless Steel, Add</i>	85.56	
04 05 19 13-0243 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	74.77	
<i>For Class 1 Mill Galvanized, Add</i>	8.62	
<i>For Class 2 Mill Galvanized, Add</i>	12.92	
<i>For Hot-Dipped Galvanized, Add</i>	21.54	
<i>For Stainless Steel, Add</i>	86.16	
04 05 19 13-0244 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	80.28	
<i>For Class 1 Mill Galvanized, Add</i>	8.85	
<i>For Class 2 Mill Galvanized, Add</i>	13.28	
<i>For Hot-Dipped Galvanized, Add</i>	22.13	
<i>For Stainless Steel, Add</i>	88.92	
04 05 19 13-0245 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	84.36	
<i>For Class 1 Mill Galvanized, Add</i>	9.15	
<i>For Class 2 Mill Galvanized, Add</i>	13.73	
<i>For Hot-Dipped Galvanized, Add</i>	22.88	
<i>For Stainless Steel, Add</i>	91.52	
04 05 19 13-0246 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	88.57	
<i>For Class 1 Mill Galvanized, Add</i>	9.53	
<i>For Class 2 Mill Galvanized, Add</i>	14.30	
<i>For Hot-Dipped Galvanized, Add</i>	23.83	
<i>For Stainless Steel, Add</i>	95.32	
04 05 19 13-0247 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	91.62	
<i>For Class 1 Mill Galvanized, Add</i>	9.82	
<i>For Class 2 Mill Galvanized, Add</i>	14.73	
<i>For Hot-Dipped Galvanized, Add</i>	24.56	
<i>For Stainless Steel, Add</i>	98.22	
<b>04 05 19 13-0248 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0144)</small>		
<b>04 05 19 13-0249 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0248)</small>		
04 05 19 13-0250 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	57.41	
<i>For Class 1 Mill Galvanized, Add</i>	5.72	
<i>For Class 2 Mill Galvanized, Add</i>	8.58	
<i>For Hot-Dipped Galvanized, Add</i>	14.30	
<i>For Stainless Steel, Add</i>	57.20	
<i>For Seismic Hook And Eye, Add</i>	27.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0251	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	60.49	
			<i>For Class 1 Mill Galvanized, Add</i>	5.76	
			<i>For Class 2 Mill Galvanized, Add</i>	8.64	
			<i>For Hot-Dipped Galvanized, Add</i>	14.40	
			<i>For Stainless Steel, Add</i>	57.60	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0252	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	65.44	
			<i>For Class 1 Mill Galvanized, Add</i>	5.88	
			<i>For Class 2 Mill Galvanized, Add</i>	8.83	
			<i>For Hot-Dipped Galvanized, Add</i>	14.71	
			<i>For Stainless Steel, Add</i>	58.84	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0253	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	68.91	
			<i>For Class 1 Mill Galvanized, Add</i>	6.06	
			<i>For Class 2 Mill Galvanized, Add</i>	9.09	
			<i>For Hot-Dipped Galvanized, Add</i>	15.16	
			<i>For Stainless Steel, Add</i>	60.62	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0254	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	72.15	
			<i>For Class 1 Mill Galvanized, Add</i>	6.25	
			<i>For Class 2 Mill Galvanized, Add</i>	9.37	
			<i>For Hot-Dipped Galvanized, Add</i>	15.62	
			<i>For Stainless Steel, Add</i>	62.48	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0255	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	74.88	
			<i>For Class 1 Mill Galvanized, Add</i>	6.47	
			<i>For Class 2 Mill Galvanized, Add</i>	9.71	
			<i>For Hot-Dipped Galvanized, Add</i>	16.19	
			<i>For Stainless Steel, Add</i>	64.74	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0256			<b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0248)</small>		
04 05 19 13-0257	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	64.15	
			<i>For Class 1 Mill Galvanized, Add</i>	7.07	
			<i>For Class 2 Mill Galvanized, Add</i>	10.60	
			<i>For Hot-Dipped Galvanized, Add</i>	17.67	
			<i>For Stainless Steel, Add</i>	70.68	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0258	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	67.31	
			<i>For Class 1 Mill Galvanized, Add</i>	7.12	
			<i>For Class 2 Mill Galvanized, Add</i>	10.69	
			<i>For Hot-Dipped Galvanized, Add</i>	17.81	
			<i>For Stainless Steel, Add</i>	71.24	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0259	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	72.20	
			<i>For Class 1 Mill Galvanized, Add</i>	7.24	
			<i>For Class 2 Mill Galvanized, Add</i>	10.85	
			<i>For Hot-Dipped Galvanized, Add</i>	18.09	
			<i>For Stainless Steel, Add</i>	72.36	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0260	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	75.63	
			<i>For Class 1 Mill Galvanized, Add</i>	7.41	
			<i>For Class 2 Mill Galvanized, Add</i>	11.11	
			<i>For Hot-Dipped Galvanized, Add</i>	18.52	
			<i>For Stainless Steel, Add</i>	74.06	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0261	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	78.86	
			<i>For Class 1 Mill Galvanized, Add</i>	7.59	
			<i>For Class 2 Mill Galvanized, Add</i>	11.39	
			<i>For Hot-Dipped Galvanized, Add</i>	18.98	
			<i>For Stainless Steel, Add</i>	75.90	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0262	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	81.47	
			<i>For Class 1 Mill Galvanized, Add</i>	7.79	
			<i>For Class 2 Mill Galvanized, Add</i>	11.69	
			<i>For Hot-Dipped Galvanized, Add</i>	19.48	
			<i>For Stainless Steel, Add</i>	77.92	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0263			<b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0248)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0264 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	68.23	
<i>For Class 1 Mill Galvanized, Add</i>	7.88	
<i>For Class 2 Mill Galvanized, Add</i>	11.83	
<i>For Hot-Dipped Galvanized, Add</i>	19.71	
<i>For Stainless Steel, Add</i>	78.84	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0265 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	71.41	
<i>For Class 1 Mill Galvanized, Add</i>	7.94	
<i>For Class 2 Mill Galvanized, Add</i>	11.92	
<i>For Hot-Dipped Galvanized, Add</i>	19.86	
<i>For Stainless Steel, Add</i>	79.44	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0266 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	76.84	
<i>For Class 1 Mill Galvanized, Add</i>	8.16	
<i>For Class 2 Mill Galvanized, Add</i>	12.25	
<i>For Hot-Dipped Galvanized, Add</i>	20.41	
<i>For Stainless Steel, Add</i>	81.64	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0267 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	80.86	
<i>For Class 1 Mill Galvanized, Add</i>	8.45	
<i>For Class 2 Mill Galvanized, Add</i>	12.68	
<i>For Hot-Dipped Galvanized, Add</i>	21.13	
<i>For Stainless Steel, Add</i>	84.52	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0268 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	84.99	
<i>For Class 1 Mill Galvanized, Add</i>	8.82	
<i>For Class 2 Mill Galvanized, Add</i>	13.22	
<i>For Hot-Dipped Galvanized, Add</i>	22.04	
<i>For Stainless Steel, Add</i>	88.16	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0269 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	88.61	
<i>For Class 1 Mill Galvanized, Add</i>	9.22	
<i>For Class 2 Mill Galvanized, Add</i>	13.83	
<i>For Hot-Dipped Galvanized, Add</i>	23.05	
<i>For Stainless Steel, Add</i>	92.20	
<i>For Seismic Hook And Eye, Add</i>	27.50	
 04 05 19 13-0270 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>		
 04 05 19 13-0271 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall <small>(04 05 19 13-0270)</small>		
04 05 19 13-0272 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	61.64	
<i>For Class 1 Mill Galvanized, Add</i>	5.99	
<i>For Class 2 Mill Galvanized, Add</i>	8.99	
<i>For Hot-Dipped Galvanized, Add</i>	14.98	
<i>For Stainless Steel, Add</i>	59.90	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0273 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	66.18	
<i>For Class 1 Mill Galvanized, Add</i>	6.03	
<i>For Class 2 Mill Galvanized, Add</i>	9.05	
<i>For Hot-Dipped Galvanized, Add</i>	15.08	
<i>For Stainless Steel, Add</i>	60.32	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0274 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	69.42	
<i>For Class 1 Mill Galvanized, Add</i>	6.16	
<i>For Class 2 Mill Galvanized, Add</i>	9.25	
<i>For Hot-Dipped Galvanized, Add</i>	15.41	
<i>For Stainless Steel, Add</i>	61.64	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0275 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	72.67	
<i>For Class 1 Mill Galvanized, Add</i>	6.35	
<i>For Class 2 Mill Galvanized, Add</i>	9.53	
<i>For Hot-Dipped Galvanized, Add</i>	15.88	
<i>For Stainless Steel, Add</i>	63.52	
<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0276 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	75.36	
<i>For Class 1 Mill Galvanized, Add</i>	6.57	
<i>For Class 2 Mill Galvanized, Add</i>	9.86	
<i>For Hot-Dipped Galvanized, Add</i>	16.43	
<i>For Stainless Steel, Add</i>	65.70	
<i>For Seismic Hook And Eye, Add</i>	27.50	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 13-0277	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0270)</small>	
04 05 19 13-0278	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	68.90
	For Class 1 Mill Galvanized, Add	7.44
	For Class 2 Mill Galvanized, Add	11.16
	For Hot-Dipped Galvanized, Add	18.61
	For Stainless Steel, Add	74.42
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0279	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	73.46
	For Class 1 Mill Galvanized, Add	7.49
	For Class 2 Mill Galvanized, Add	11.23
	For Hot-Dipped Galvanized, Add	18.72
	For Stainless Steel, Add	74.88
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0280	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	76.68
	For Class 1 Mill Galvanized, Add	7.62
	For Class 2 Mill Galvanized, Add	11.42
	For Hot-Dipped Galvanized, Add	19.04
	For Stainless Steel, Add	76.16
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0281	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	79.85
	For Class 1 Mill Galvanized, Add	7.79
	For Class 2 Mill Galvanized, Add	11.68
	For Hot-Dipped Galvanized, Add	19.47
	For Stainless Steel, Add	77.88
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0282	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	82.34
	For Class 1 Mill Galvanized, Add	7.97
	For Class 2 Mill Galvanized, Add	11.95
	For Hot-Dipped Galvanized, Add	19.92
	For Stainless Steel, Add	79.66
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0283	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0270)</small>	
04 05 19 13-0284	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	72.43
	For Class 1 Mill Galvanized, Add	8.15
	For Class 2 Mill Galvanized, Add	12.22
	For Hot-Dipped Galvanized, Add	20.37
	For Stainless Steel, Add	81.48
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0285	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	77.05
	For Class 1 Mill Galvanized, Add	8.21
	For Class 2 Mill Galvanized, Add	12.31
	For Hot-Dipped Galvanized, Add	20.52
	For Stainless Steel, Add	82.06
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0286	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	80.75
	For Class 1 Mill Galvanized, Add	8.43
	For Class 2 Mill Galvanized, Add	12.65
	For Hot-Dipped Galvanized, Add	21.08
	For Stainless Steel, Add	84.30
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0287	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	84.49
	For Class 1 Mill Galvanized, Add	8.72
	For Class 2 Mill Galvanized, Add	13.07
	For Hot-Dipped Galvanized, Add	21.79
	For Stainless Steel, Add	87.16
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0288	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	87.90
	For Class 1 Mill Galvanized, Add	9.08
	For Class 2 Mill Galvanized, Add	13.62
	For Hot-Dipped Galvanized, Add	22.70
	For Stainless Steel, Add	90.78
	For Seismic Hook And Eye, Add	27.50

**04 05 19 16 Masonry Anchors (04 05 19)**

04 05 19 16-0001	Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16)</small>	
04 05 19 16-0002	Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>	
04 05 19 16-0003	EA 2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.67
04 05 19 16-0004	EA 2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.71





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0005 EA 2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.75	
04 05 19 16-0006 EA 2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.80	
04 05 19 16-0007 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.85	
04 05 19 16-0008 EA 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.75	
04 05 19 16-0009 EA 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.80	
04 05 19 16-0010 EA 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.85	
04 05 19 16-0011 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	.90	
<b>04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties</b> <small>(04 05 19 16-0001)</small>		
04 05 19 16-0013 EA 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.59	
04 05 19 16-0014 EA 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.61	
04 05 19 16-0015 EA 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.63	
04 05 19 16-0016 EA 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.66	
04 05 19 16-0017 EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.68	
04 05 19 16-0018 EA 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.63	
04 05 19 16-0019 EA 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.66	
04 05 19 16-0020 EA 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.68	
04 05 19 16-0021 EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	.71	
<b>04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties</b> <small>(04 05 19 16-0022)</small>		
04 05 19 16-0024 EA 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.60	
04 05 19 16-0025 EA 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.62	
04 05 19 16-0026 EA 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.69	
04 05 19 16-0027 EA 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.73	
04 05 19 16-0028 EA 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.74	
04 05 19 16-0029 EA 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.78	
04 05 19 16-0030 EA 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.84	
04 05 19 16-0031 EA 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	.88	
<b>04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties</b> <small>(04 05 19 16-0022)</small>		
04 05 19 16-0033 EA 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.54	
04 05 19 16-0034 EA 8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.55	
04 05 19 16-0035 EA 10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.61	
04 05 19 16-0036 EA 12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.62	
04 05 19 16-0037 EA 6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.63	
04 05 19 16-0038 EA 8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.66	
04 05 19 16-0039 EA 10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.68	
04 05 19 16-0040 EA 12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	.72	
<b>04 05 19 16-0041 Wire Beam Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties</b> <small>(04 05 19 16-0041)</small>		
04 05 19 16-0043 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	.80	
04 05 19 16-0044 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	.82	
04 05 19 16-0045 EA 6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	.83	
04 05 19 16-0046 EA 8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	.85	
04 05 19 16-0047 EA 10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	.88	
<b>04 05 19 16-0048 Mill Galvanized, Wire Beam Ties</b> <small>(04 05 19 16-0041)</small>		
04 05 19 16-0049 EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	.95	
04 05 19 16-0050 EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	.99	
04 05 19 16-0051 EA 6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.03	
04 05 19 16-0052 EA 8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.06	
04 05 19 16-0053 EA 10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.09	
<b>04 05 19 16-0054 Adjustable Double Pintle, Wire Masonry Wall Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0055 Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties</b> <small>(04 05 19 16-0054)</small>		
04 05 19 16-0056 EA 6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.88	
04 05 19 16-0057 EA 7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.92	
04 05 19 16-0058 EA 8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.94	
04 05 19 16-0059 EA 9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.97	
04 05 19 16-0060 EA 10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.98	
<b>04 05 19 16-0061 Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties</b> <small>(04 05 19 16-0054)</small>		
04 05 19 16-0062 EA 6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.75	
04 05 19 16-0063 EA 7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.78	
04 05 19 16-0064 EA 8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.78	
04 05 19 16-0065 EA 9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.81	
04 05 19 16-0066 EA 10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie.....	.81	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 16-0067		Corrugated Buck (Brick) Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.07	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.11	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.16	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.20	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.24	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.11	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.15	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.20	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.24	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	1.29	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	0.93	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	0.96	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	0.99	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.02	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.05	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	0.95	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	0.99	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.02	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.05	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	1.08	
04 05 19 16-0090		Corrugated Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.54	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.57	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.59	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.60	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	0.71	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.55	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.56	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.57	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie.....	0.66	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie.....	0.88	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie.....	0.93	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie.....	0.99	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.04	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.33	
04 05 19 16-0108		Wire Mesh Wall Ties <small>(04 05 19 16)</small>		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.09	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.32	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.59	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.03	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.90	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.34	
04 05 19 16-0115		Triangle Brick Ties <small>(04 05 19 16)</small>		
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties <small>(04 05 19 16-0115)</small>		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	0.97	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	0.99	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.00	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.04	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.06	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.13	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.16	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.25	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.15	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.17	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.18	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.21	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.23	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie .....	1.32	
04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie .....	1.41	
<b>04 05 19 16-0133 Mill Galvanized, Triangle Brick Ties</b> <small>(04 05 19 16-0115)</small>		
04 05 19 16-0134 EA 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.88	
04 05 19 16-0135 EA 3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.88	
04 05 19 16-0136 EA 4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.89	
04 05 19 16-0137 EA 4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.92	
04 05 19 16-0138 EA 5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.92	
04 05 19 16-0139 EA 6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.97	
04 05 19 16-0140 EA 7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.98	
04 05 19 16-0141 EA 9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.01	
04 05 19 16-0142 EA 3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	0.99	
04 05 19 16-0143 EA 3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.00	
04 05 19 16-0144 EA 4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.01	
04 05 19 16-0145 EA 4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.04	
04 05 19 16-0146 EA 5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.05	
04 05 19 16-0147 EA 6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.10	
04 05 19 16-0148 EA 7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.12	
04 05 19 16-0149 EA 9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.17	
<b>04 05 19 16-0150 Seismic Veneer Anchors</b> <small>(04 05 19 16)</small>		
04 05 19 16-0151 EA 3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor.....	4.99	
Note: For horizontal wire attachment. Excludes wire.		
<b>04 05 19 16-0152 Slip-Set, Joint Stabilization Anchors</b> <small>(04 05 19 16)</small>		
Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153 EA 9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor .....	3.18	
04 05 19 16-0154 EA 9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor .....	3.45	
04 05 19 16-0155 EA 9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....	4.99	
<b>04 05 19 16-0156 Strap Partition Top Anchors</b> <small>(04 05 19 16)</small>		
04 05 19 16-0157 EA 12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor .....	1.83	
04 05 19 16-0158 EA 12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor .....	5.28	
<b>04 05 19 16-0159 Rigid Partition Anchors</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0160 Hot-Dipped Galvanized, Rigid Partition Anchors</b> <small>(04 05 19 16-0159)</small>		
04 05 19 16-0161 EA 1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.38	
04 05 19 16-0162 EA 1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.50	
04 05 19 16-0163 EA 1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.64	
04 05 19 16-0164 EA 1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.77	
04 05 19 16-0165 EA 2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.90	
04 05 19 16-0166 EA 2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	2.03	
04 05 19 16-0167 EA 1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	1.90	
04 05 19 16-0168 EA 1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	2.31	
04 05 19 16-0169 EA 1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	2.72	
04 05 19 16-0170 EA 1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	3.14	
04 05 19 16-0171 EA 2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	3.55	
04 05 19 16-0172 EA 2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor .....	3.96	
<b>04 05 19 16-0173 Mill Galvanized, Rigid Partition Anchors</b> <small>(04 05 19 16-0159)</small>		
04 05 19 16-0174 EA 1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.27	
04 05 19 16-0175 EA 1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.37	
04 05 19 16-0176 EA 1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.47	
04 05 19 16-0177 EA 1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.57	
04 05 19 16-0178 EA 2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.67	
04 05 19 16-0179 EA 2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.77	
<b>04 05 19 16-0180 Screw-On Masonry Veneer Anchor Plates</b> <small>(04 05 19 16)</small>		
04 05 19 16-0181 EA 12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	0.89	
04 05 19 16-0182 EA 14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	0.93	
<b>04 05 19 16-0183 Wire Column Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0184 Hot-Dipped Galvanized, Wire Column Ties</b> <small>(04 05 19 16-0183)</small>		
04 05 19 16-0185 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.06	
04 05 19 16-0186 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.13	
04 05 19 16-0187 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.18	
04 05 19 16-0188 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.25	
04 05 19 16-0189 EA 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.12	
04 05 19 16-0190 EA 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.18	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0191 EA 14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.23	
04 05 19 16-0192 EA 16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.27	
04 05 19 16-0193 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.43	
04 05 19 16-0194 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.55	
04 05 19 16-0195 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.62	
04 05 19 16-0196 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.73	
04 05 19 16-0197 EA 10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.55	
04 05 19 16-0198 EA 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.62	
04 05 19 16-0199 EA 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.69	
04 05 19 16-0200 EA 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	1.77	
<b>04 05 19 16-0201 Mill Galvanized, Wire Column Ties (04 05 19 16-0183)</b>		
04 05 19 16-0202 EA 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	0.94	
04 05 19 16-0203 EA 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	0.99	
04 05 19 16-0204 EA 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	1.01	
04 05 19 16-0205 EA 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	1.06	
04 05 19 16-0206 EA 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	0.96	
04 05 19 16-0207 EA 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	1.00	
04 05 19 16-0208 EA 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	1.03	
04 05 19 16-0209 EA 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	1.06	
04 05 19 16-0210 EA 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.21	
04 05 19 16-0211 EA 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.29	
04 05 19 16-0212 EA 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.32	
04 05 19 16-0213 EA 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.40	
04 05 19 16-0214 EA 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.18	
04 05 19 16-0215 EA 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.30	
04 05 19 16-0216 EA 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.36	
04 05 19 16-0217 EA 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	1.40	
<b>04 05 19 16-0218 Dovetail Anchors, Slots And Ties (04 05 19 16)</b>		
<b>04 05 19 16-0219 Dovetail Anchor Slots (04 05 19 16-0218)</b>		
<b>04 05 19 16-0220 Hot-Dipped Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)</b>		
04 05 19 16-0221 LF 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	1.87	
04 05 19 16-0222 LF 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.07	
04 05 19 16-0223 LF 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.18	
04 05 19 16-0224 LF 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.24	
04 05 19 16-0225 LF 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.38	
<b>04 05 19 16-0226 Mill Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)</b>		
04 05 19 16-0227 LF 24 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.46	
04 05 19 16-0228 LF 22 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.72	
04 05 19 16-0229 LF 20 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.78	
04 05 19 16-0230 LF 18 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.87	
04 05 19 16-0231 LF 16 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.92	
<b>04 05 19 16-0232 304 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)</b>		
04 05 19 16-0233 LF 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	2.29	
04 05 19 16-0234 LF 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	2.67	
04 05 19 16-0235 LF 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	2.80	
04 05 19 16-0236 LF 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.23	
04 05 19 16-0237 LF 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.65	
<b>04 05 19 16-0238 316 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)</b>		
04 05 19 16-0239 LF 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	2.59	
04 05 19 16-0240 LF 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	2.88	
04 05 19 16-0241 LF 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.17	
04 05 19 16-0242 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.54	
04 05 19 16-0243 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.76	
<b>04 05 19 16-0244 Dovetail Corrugated Brick Ties (04 05 19 16-0218)</b>		
<b>04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)</b>		
04 05 19 16-0246 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.71	
04 05 19 16-0247 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.77	
04 05 19 16-0248 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.83	
04 05 19 16-0249 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.71	
04 05 19 16-0250 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.84	
04 05 19 16-0251 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.93	
04 05 19 16-0252 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.75	
04 05 19 16-0253 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.83	
04 05 19 16-0254 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.91	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie</b> <small>(04 05 19 16-0244)</small>					
		EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.64	
		EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.68	
		EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.72	
		EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.67	
		EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.75	
		EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.82	
		EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.68	
		EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.78	
		EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	0.85	
<b>04 05 19 16-0265 Dovetail Stone Anchors</b> <small>(04 05 19 16-0218)</small>					
<b>04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors</b> <small>(04 05 19 16-0265)</small>					
		EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor .....	0.85	
		EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor .....	0.91	
		EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor .....	0.98	
<b>04 05 19 16-0270 Dovetail Partition Top Anchors</b> <small>(04 05 19 16-0218)</small>					
		EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor .....	1.92	
		EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor .....	5.65	
<b>04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties</b> <small>(04 05 19 16-0218)</small>					
<b>04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties</b> <small>(04 05 19 16-0273)</small>					
		EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.25	
		EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.34	
		EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.40	
		EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.46	
<b>04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties</b> <small>(04 05 19 16-0273)</small>					
		EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.13	
		EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.14	
		EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.17	
		EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie .....	1.27	
<b>04 05 19 26 Masonry Reinforcing Bars</b> <small>(04 05 19)</small>					
<small>Note: Includes cutting and bending.</small>					
<b>04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar</b> <small>(04 05 19 26)</small>					
		LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar .....	0.60	
		LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar .....	0.97	
		LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar .....	1.37	
		LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar .....	1.80	
		LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar .....	0.61	
		LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar .....	0.98	
		LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar .....	1.39	
		LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar .....	1.84	
		LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar .....	0.71	
		LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar .....	1.14	
		LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar .....	1.61	
		LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar .....	2.08	
		LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar .....	0.72	
		LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar .....	1.15	
		LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar .....	1.63	
		LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar .....	2.12	
<b>04 05 19 26-0018 Galvanized Steel Masonry Reinforcement Bar</b> <small>(04 05 19 26)</small>					
		LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	0.68	
		LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.12	
		LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.61	
		LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.15	
		LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	0.69	
		LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.14	
		LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.63	
		LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.18	
		LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	0.79	
		LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.29	
		LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.85	
		LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.43	
		LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	0.80	
		LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.31	
		LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.87	
		LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.46	

**04 Masonry****04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>04 05 19 26-0035</b>	<b>Epoxy-Coated Masonry Reinforcement Bar</b> (04 05 19 26)		
04 05 19 26-0036	LF #3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.68	
04 05 19 26-0037	LF #4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.11	
04 05 19 26-0038	LF #5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.58	
04 05 19 26-0039	LF #6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.11	
04 05 19 26-0040	LF #3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.68	
04 05 19 26-0041	LF #4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.12	
04 05 19 26-0042	LF #5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.60	
04 05 19 26-0043	LF #6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.14	
04 05 19 26-0044	LF #3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.79	
04 05 19 26-0045	LF #4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.28	
04 05 19 26-0046	LF #5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.82	
04 05 19 26-0047	LF #6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.39	
04 05 19 26-0048	LF #3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.79	
04 05 19 26-0049	LF #4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.29	
04 05 19 26-0050	LF #5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.84	
04 05 19 26-0051	LF #6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.42	
<b>04 05 23</b>	<b>Masonry Accessories</b> (04 05)		
<b>04 05 23 13</b>	<b>Masonry Control And Expansion Joints</b> (04 05 23)		
<b>04 05 23 13-0001</b>	<b>Masonry Control Joints</b> (04 05 23 13)		
<b>04 05 23 13-0002</b>	<b>Rubber, Masonry Control Joints</b> (04 05 23 13-0001)		
04 05 23 13-0003	LF 1-5/8" Width, T-Style, Rubber, Masonry Control Joint.....	3.08	0.51
04 05 23 13-0004	LF 2-5/8" Width, Rubber, Masonry Control Joint.....	3.00	0.51
04 05 23 13-0005	LF 6-7/8" Width, Rubber, Masonry Control Joint.....	6.29	0.51
<b>04 05 23 13-0006</b>	<b>Polyvinyl Chloride (PVC), Masonry Control Joints</b> (04 05 23 13-0001)		
04 05 23 13-0007	LF 1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint.....	1.91	0.51
04 05 23 13-0008	LF 2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	1.98	0.51
04 05 23 13-0009	LF 4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.50	0.51
04 05 23 13-0010	LF 6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.78	0.51
04 05 23 13-0011	LF 11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.63	0.51
<b>04 05 23 16</b>	<b>Masonry Embedded Flashing</b> (04 05 23)		
<b>04 05 23 16-0001</b>	<b>Lead Coated Copper Through Wall Flashing</b> (04 05 23 16)		
<b>04 05 23 16-0002</b>	<b>Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> (04 05 23 16-0001)		
04 05 23 16-0003	SF 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	4.38	1.03
04 05 23 16-0004	SF 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	4.79	1.03
04 05 23 16-0005	SF 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.93	1.03
04 05 23 16-0006	SF 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	6.94	1.03
<b>04 05 23 16-0007</b>	<b>Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> (04 05 23 16-0001)		
04 05 23 16-0008	SF 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	4.78	1.03
04 05 23 16-0009	SF 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.15	1.03
04 05 23 16-0010	SF 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	6.46	1.03
04 05 23 16-0011	SF 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.68	1.03
<b>04 05 23 16-0012</b>	<b>Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> (04 05 23 16-0001)		
04 05 23 16-0013	SF 2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	4.47	1.03
04 05 23 16-0014	SF 3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	4.98	1.03
04 05 23 16-0015	SF 5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.72	1.03
04 05 23 16-0016	SF 7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.27	1.03
<b>04 05 23 16-0017</b>	<b>Stainless Steel Through Wall Flashing</b> (04 05 23 16)		
<b>04 05 23 16-0018</b>	<b>Paper Backed 2 Sides, Stainless Steel Through Wall Flashing</b> (04 05 23 16-0017)		
04 05 23 16-0019	SF 0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing.....	4.92	0.96
<b>04 05 23 16-0020</b>	<b>Polyvinyl Chloride (PVC) Through Wall Flashing</b> (04 05 23 16)		
04 05 23 16-0021	SF 0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	2.09	0.90
04 05 23 16-0022	SF 0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	2.19	0.90
04 05 23 16-0023	SF 0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	2.30	0.90
04 05 23 16-0024	SF 0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	2.67	0.90



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 05 23 16-0025</b> <b>Copper Through Wall Flashing</b> <small>(04 05 23 16)</small>		
<b>04 05 23 16-0026</b> <b>2 Sides Coated With Asphalt, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
04 05 23 16-0027    SF    2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	3.76	0.96
04 05 23 16-0028    SF    3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	4.06	0.96
04 05 23 16-0029    SF    5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	4.90	0.96
04 05 23 16-0030    SF    7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	5.64	0.96
04 05 23 16-0031    SF    10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	5.95	0.96
<b>04 05 23 16-0032</b> <b>2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
04 05 23 16-0033    SF    2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	4.06	0.96
04 05 23 16-0034    SF    3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	4.32	0.96
04 05 23 16-0035    SF    5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	5.29	0.96
04 05 23 16-0036    SF    7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	6.18	0.96
04 05 23 16-0037    SF    10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	6.70	0.96
<b>04 05 23 16-0038</b> <b>1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
04 05 23 16-0039    SF    2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	3.79	0.96
04 05 23 16-0040    SF    3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	4.10	0.96
04 05 23 16-0041    SF    5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	4.93	0.96
04 05 23 16-0042    SF    7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	5.67	0.96
04 05 23 16-0043    SF    10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	5.98	0.96
<b>04 05 23 16-0044</b> <b>2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
04 05 23 16-0045    SF    2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	3.83	0.96
04 05 23 16-0046    SF    3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	4.20	0.96
04 05 23 16-0047    SF    5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	4.75	0.96
04 05 23 16-0048    SF    7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	5.88	0.96
04 05 23 16-0049    SF    10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	5.30	0.96
<b>04 05 23 16-0050</b> <b>2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
04 05 23 16-0051    SF    3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	5.07	0.96
04 05 23 16-0052    SF    5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	6.19	0.96
<b>04 05 23 16-0053</b> <b>2 Sides Glass Fabric, Thru-Wall Copper Flashing</b> <small>(04 05 23 16-0025)</small>		
Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054    SF    3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....	4.42	0.96
04 05 23 16-0055    SF    5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....	5.42	0.96
<b>04 05 26</b> <b>Masonry Scaffolding</b> <small>(04 05)</small>		
Note: Costs based on one use per month. For use with unit masonry construction only. Height shown in tasks is for height of work. Includes assembly and disassembly of scaffolding.		
<b>04 05 26 00-0001</b> <b>Scaffolding Rental</b> <small>(04 05 26)</small>		
Note: Total square foot of area is determined by the square foot of wall area at which scaffolding is required, above the established 4' working height limit. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc.		
04 05 26 00-0002    CSF    Exterior Building Scaffolding, 1 To 5 Story, Tubular Steel, Based On 1 Use/Month .....	242.32	
For Each Additional Month Of Rental, Add		96.81
For Additional Erection And Dismantling Of Scaffolding, Add		145.51
04 05 26 00-0003    CSF    Exterior Building Scaffolding, 6 To 12 Story, Tubular Steel, Based On 1 Use/Month .....	289.44	
For Each Additional Month Of Rental, Add		88.45
For Additional Erection And Dismantling Of Scaffolding, Add		200.99
04 05 26 00-0004    CSF    Interior Scaffolding Wall, Up To 16' Tubular Steel, Based On 1 Use/Month .....	200.91	
For Each Additional Month Of Rental, Add		93.13
For Additional Erection And Dismantling Of Scaffolding, Add		107.78
04 05 26 00-0005    CSF    Interior Scaffolding Wall, 16' - 30' Tubular Steel, Based On 1 Use/Month .....	225.21	
For Each Additional Month Of Rental, Add		94.97
For Additional Erection And Dismantling Of Scaffolding, Add		130.24
<b>04 20</b> <b>Unit Masonry</b> <small>(04)</small>		
Note: Includes pointing and cleaning of new brick and mortar. Includes cutting of new bricks/blocks to size.		
<b>04 21</b> <b>Clay Unit Masonry</b> <small>(04 21)</small>		
<b>04 21 13</b> <b>Brick Masonry</b> <small>(04 21)</small>		
Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors, 04 05 26 00-0000 for scaffolding.		
<b>04 21 13 00-0001</b> <b>Standard Size Brick With Running Bond</b> <small>(04 21 13)</small>		
Note: Standard size brick, 2-2/3" x 4" x 8".		

<b>04</b>	<b>Masonry</b>
04 20	Unit Masonry
04 21	Clay Unit Masonry



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>04 21 13 00-002</b>	<b>Red Face Brick</b> <small>(04 21 13 00-0001)</small>	
04 21 13 00-0003	SF Standard Size Red Face Brick - Veneer (6.4/SF With Running Bond).....	13.25
	For Full Header Every 6th Course, Add	0.40
	For English, Full Header Every Second Course, Add	0.80
	For Flemish, Alternate Header Every Course, Add	1.66
	For Curved Wall Application, Add	1.99
	For Interior Veneer Construction, Add	1.49
	For Stacked Bond, Add	1.16
	For Battered Walls (Variable Depth Surface Placement), Add	2.49
	For Corbels, Add	7.47
	For Colored Mortar, Add	0.33
	For Basket Weave Or Soldier Bond Pattern, Add	1.16
	For Herringbone Pattern, Add	1.82
	For Severe Weather (SW) Brick, Add	0.49
	For Close Tolerance (FBX), Add	1.24
	For Small Area Replacements (Individual Areas) <10 SF, Add	15.10
	For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.12
04 21 13 00-0004	SF Standard Size Red Face Brick - Cavity Wall (6.4/SF With Running Bond).....	15.18
	For Full Header Every 6th Course, Add	0.48
	For English, Full Header Every Second Course, Add	0.95
	For Flemish, Alternate Header Every Course, Add	1.95
	For Curved Wall Application, Add	2.38
	For Interior Veneer Construction, Add	1.78
	For Stacked Bond, Add	1.35
	For Battered Walls (Variable Depth Surface Placement), Add	2.97
	For Corbels, Add	8.92
	For Colored Mortar, Add	0.33
	For Basket Weave Or Soldier Bond Pattern, Add	1.35
	For Herringbone Pattern, Add	2.11
	For Severe Weather (SW) Brick, Add	0.49
	For Close Tolerance (FBX), Add	1.44
	For Small Area Replacements (Individual Areas) <10 SF, Add	18.00
	For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	12.05
04 21 13 00-0005	SF Standard Size Red Face Brick - 9" Solid Wall (12.7/SF With Running Bond).....	22.35
	For Full Header Every 6th Course, Add	0.63
	For English, Full Header Every Second Course, Add	1.27
	For Flemish, Alternate Header Every Course, Add	2.70
	For Curved Wall Application, Add	3.17
	For Interior Veneer Construction, Add	2.38
	For Stacked Bond, Add	1.91
	For Battered Walls (Variable Depth Surface Placement), Add	3.96
	For Corbels, Add	11.89
	For Colored Mortar, Add	0.65
	For Basket Weave Or Soldier Bond Pattern, Add	1.91
	For Herringbone Pattern, Add	3.03
	For Severe Weather (SW) Brick, Add	0.98
	For Close Tolerance (FBX), Add	2.07
	For Small Area Replacements (Individual Areas) <10 SF, Add	24.10
	For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	16.18
<b>04 21 13 00-0006</b>	<b>Common Brick</b> <small>(04 21 13 00-0001)</small>	
04 21 13 00-0007	SF Select Common Brick For Veneer (6.4/SF).....	12.72
	For Full Header Every 6th Course, Add	0.38
	For English, Full Header Every Second Course, Add	0.75
	For Flemish, Alternate Header Every Course, Add	1.58
	For Curved Wall Application, Add	1.89
	For Interior Veneer Construction, Add	1.41
	For Stacked Bond, Add	1.11
	For Battered Walls (Variable Depth Surface Placement), Add	2.36
	For Corbels, Add	7.07
	For Colored Mortar, Add	0.33
	For Basket Weave Or Soldier Bond Pattern, Add	1.11
	For Herringbone Pattern, Add	1.74
	For Severe Weather (SW) Brick, Add	0.49
	For Close Tolerance (FBX), Add	1.19
	For Small Area Replacements (Individual Areas) <10 SF, Add	14.31
	For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.59
04 21 13 00-0008	SF Common Brick - 4" Back-up (6.4/SF).....	11.34
	For Full Header Every 6th Course, Add	0.34
	For English, Full Header Every Second Course, Add	0.67
	For Flemish, Alternate Header Every Course, Add	1.41
	For Curved Wall Application, Add	1.68
	For Interior Veneer Construction, Add	1.26
	For Stacked Bond, Add	0.99
	For Battered Walls (Variable Depth Surface Placement), Add	2.10
	For Corbels, Add	6.30
	For Colored Mortar, Add	0.29
	For Basket Weave Or Soldier Bond Pattern, Add	0.99
	For Herringbone Pattern, Add	1.55
	For Severe Weather (SW) Brick, Add	0.44
	For Close Tolerance (FBX), Add	1.06
	For Small Area Replacements (Individual Areas) <10 SF, Add	12.75
	For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	8.55





<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Clay Unit Masonry	04 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0009 SF Common Brick - 8" Back-up (12.7/SF).....	20.43	
For Full Header Every 6th Course, Add	0.58	
For English, Full Header Every Second Course, Add	1.17	
For Flemish, Alternate Header Every Course, Add	2.48	
For Curved Wall Application, Add	2.92	
For Interior Veneer Construction, Add	2.19	
For Stacked Bond, Add	1.75	
For Battered Walls (Variable Depth Surface Placement), Add	3.65	
For Corbels, Add	10.95	
For Colored Mortar, Add	0.58	
For Basket Weave Or Soldier Bond Pattern, Add	1.75	
For Herringbone Pattern, Add	2.77	
For Severe Weather (SW) Brick, Add	0.87	
For Close Tolerance (FBX), Add	1.90	
For Small Area Replacements (Individual Areas) <10 SF, Add	22.19	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	14.89	
04 21 13 00-0010 SF Common Brick - 12" Solid (19/SF).....	29.17	
For Full Header Every 6th Course, Add	0.82	
For English, Full Header Every Second Course, Add	1.64	
For Flemish, Alternate Header Every Course, Add	3.50	
For Curved Wall Application, Add	4.09	
For Interior Veneer Construction, Add	3.07	
For Stacked Bond, Add	2.48	
For Battered Walls (Variable Depth Surface Placement), Add	5.11	
For Corbels, Add	15.34	
For Colored Mortar, Add	0.87	
For Basket Weave Or Soldier Bond Pattern, Add	2.48	
For Herringbone Pattern, Add	3.94	
For Severe Weather (SW) Brick, Add	1.31	
For Close Tolerance (FBX), Add	2.70	
For Small Area Replacements (Individual Areas) <10 SF, Add	31.11	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	20.89	
04 21 13 00-0011 SF Common Brick - 16" Solid (25.4/SF).....	37.16	
For Full Header Every 6th Course, Add	1.02	
For English, Full Header Every Second Course, Add	2.04	
For Flemish, Alternate Header Every Course, Add	4.41	
For Curved Wall Application, Add	5.11	
For Interior Veneer Construction, Add	3.83	
For Stacked Bond, Add	3.14	
For Battered Walls (Variable Depth Surface Placement), Add	6.39	
For Corbels, Add	19.17	
For Colored Mortar, Add	1.16	
For Basket Weave Or Soldier Bond Pattern, Add	3.14	
For Herringbone Pattern, Add	4.99	
For Severe Weather (SW) Brick, Add	1.74	
For Close Tolerance (FBX), Add	3.43	
For Small Area Replacements (Individual Areas) <10 SF, Add	38.92	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	26.14	
04 21 13 00-0012 SF Common Brick As 4" Wall Face Brick (6.4/SF).....	12.72	
For Full Header Every 6th Course, Add	0.38	
For English, Full Header Every Second Course, Add	0.75	
For Flemish, Alternate Header Every Course, Add	1.58	
For Curved Wall Application, Add	1.89	
For Interior Veneer Construction, Add	1.41	
For Stacked Bond, Add	1.11	
For Battered Walls (Variable Depth Surface Placement), Add	2.36	
For Corbels, Add	7.07	
For Colored Mortar, Add	0.33	
For Basket Weave Or Soldier Bond Pattern, Add	1.11	
For Herringbone Pattern, Add	1.74	
For Severe Weather (SW) Brick, Add	0.49	
For Close Tolerance (FBX), Add	1.19	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.31	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.59	
<b>04 21 13 00-0013 Glazed Brick</b> (04 21 13 00-0001)		
04 21 13 00-0014 SF Glazed Brick Veneer (7.4/SF).....	25.43	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.90	
For Flemish, Alternate Header Every Course, Add	2.40	
For Curved Wall Application, Add	2.25	
For Interior Veneer Construction, Add	1.69	
For Stacked Bond, Add	1.83	
For Battered Walls (Variable Depth Surface Placement), Add	2.82	
For Corbels, Add	8.45	
For Colored Mortar, Add	1.42	
For Basket Weave Or Soldier Bond Pattern, Add	1.83	
For Herringbone Pattern, Add	3.11	
For Severe Weather (SW) Brick, Add	2.13	
For Close Tolerance (FBX), Add	2.19	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.60	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.97	
<b>04 21 13 00-0015 Buff Or Gray Face Brick</b> (04 21 13 00-0001)		

<b>04</b>	<b>Masonry</b>
<b>04 20</b>	<b>Unit Masonry</b>
<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21	13 00-0016	SF	Buff (Gray) Face Brick - Veneer (6.4/SF).....	13.93	
			For Full Header Every 6th Course, Add	0.40	
			For English, Full Header Every Second Course, Add	0.80	
			For Flemish, Alternate Header Every Course, Add	1.69	
			For Curved Wall Application, Add	1.99	
			For Interior Veneer Construction, Add	1.49	
			For Stacked Bond, Add	1.19	
			For Battered Walls (Variable Depth Surface Placement), Add	2.49	
			For Corbels, Add	7.47	
			For Colored Mortar, Add	0.40	
			For Basket Weave Or Soldier Bond Pattern, Add	1.19	
			For Herringbone Pattern, Add	1.89	
			For Severe Weather (SW) Brick, Add	0.60	
			For Close Tolerance (FBX), Add	1.29	
			For Small Area Replacements (Individual Areas) <10 SF, Add	15.14	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.16	
04 21	13 00-0017	SF	Buff (Gray) Face Brick - Cavity Wall (6.4/SF) .....	13.93	
			For Full Header Every 6th Course, Add	0.40	
			For English, Full Header Every Second Course, Add	0.80	
			For Flemish, Alternate Header Every Course, Add	1.69	
			For Curved Wall Application, Add	1.99	
			For Interior Veneer Construction, Add	1.49	
			For Stacked Bond, Add	1.19	
			For Battered Walls (Variable Depth Surface Placement), Add	2.49	
			For Corbels, Add	7.47	
			For Colored Mortar, Add	0.40	
			For Basket Weave Or Soldier Bond Pattern, Add	1.19	
			For Herringbone Pattern, Add	1.89	
			For Severe Weather (SW) Brick, Add	0.60	
			For Close Tolerance (FBX), Add	1.29	
			For Small Area Replacements (Individual Areas) <10 SF, Add	15.14	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.16	
04 21	13 00-0018		<b>Jumbo Or Oversized Face Brick</b> <small>(04 21 13)</small>		
			Note: Jumbo utility: 4" x 4" x 12", 6" jumbo: 6" x 4" x 12", 8" jumbo: 8" x 4" x 12".		
04 21	13 00-0019		<b>Jumbo Or Oversize Brick Red Face Running Bond</b> <small>(04 21 13 00-0018)</small>		
04 21	13 00-0020	SF	Jumbo Red Face Brick - 4" Veneer (3.0/SF With Running Bond).....	10.19	
			For Full Header Every 6th Course, Add	0.27	
			For English, Full Header Every Second Course, Add	0.54	
			For Flemish, Alternate Header Every Course, Add	1.19	
			For Curved Wall Application, Add	1.36	
			For Interior Veneer Construction, Add	1.02	
			For Stacked Bond, Add	0.85	
			For Battered Walls (Variable Depth Surface Placement), Add	1.70	
			For Corbels, Add	5.09	
			For Colored Mortar, Add	0.34	
			For Basket Weave Or Soldier Bond Pattern, Add	0.85	
			For Herringbone Pattern, Add	1.36	
			For Severe Weather (SW) Brick, Add	0.51	
			For Close Tolerance (FBX), Add	0.93	
			For Small Area Replacements (Individual Areas) <10 SF, Add	10.36	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	6.96	
04 21	13 00-0021	SF	Jumbo Red Face Brick - Cavity Wall (3.0/SF With Running Bond).....	11.32	
			For Full Header Every 6th Course, Add	0.32	
			For English, Full Header Every Second Course, Add	0.63	
			For Flemish, Alternate Header Every Course, Add	1.36	
			For Curved Wall Application, Add	1.58	
			For Interior Veneer Construction, Add	1.19	
			For Stacked Bond, Add	0.96	
			For Battered Walls (Variable Depth Surface Placement), Add	1.98	
			For Corbels, Add	5.94	
			For Colored Mortar, Add	0.34	
			For Basket Weave Or Soldier Bond Pattern, Add	0.96	
			For Herringbone Pattern, Add	1.53	
			For Severe Weather (SW) Brick, Add	0.51	
			For Close Tolerance (FBX), Add	1.05	
			For Small Area Replacements (Individual Areas) <10 SF, Add	12.05	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	8.09	
04 21	13 00-0022	SF	Jumbo Red Face Brick - 4" Back-up (3.0/SF With Running Bond) .....	9.19	
			For Full Header Every 6th Course, Add	0.27	
			For English, Full Header Every Second Course, Add	0.53	
			For Flemish, Alternate Header Every Course, Add	1.13	
			For Curved Wall Application, Add	1.34	
			For Interior Veneer Construction, Add	1.00	
			For Stacked Bond, Add	0.79	
			For Battered Walls (Variable Depth Surface Placement), Add	1.67	
			For Corbels, Add	5.01	
			For Colored Mortar, Add	0.25	
			For Basket Weave Or Soldier Bond Pattern, Add	0.79	
			For Herringbone Pattern, Add	1.25	
			For Severe Weather (SW) Brick, Add	0.38	
			For Close Tolerance (FBX), Add	0.86	
			For Small Area Replacements (Individual Areas) <10 SF, Add	10.15	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	6.81	



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Clay Unit Masonry	04 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0023 SF Jumbo Red Face Brick - 8" Back-up (6.0/SF With Running Bond) .....	15.25	
For Full Header Every 6th Course, Add	0.41	
For English, Full Header Every Second Course, Add	0.82	
For Flemish, Alternate Header Every Course, Add	1.79	
For Curved Wall Application, Add	2.05	
For Interior Veneer Construction, Add	1.53	
For Stacked Bond, Add	1.27	
For Battered Walls (Variable Depth Surface Placement), Add	2.56	
For Corbels, Add	7.67	
For Colored Mortar, Add	0.50	
For Basket Weave Or Soldier Bond Pattern, Add	1.27	
For Herringbone Pattern, Add	2.04	
For Severe Weather (SW) Brick, Add	0.75	
For Close Tolerance (FBX), Add	1.40	
For Small Area Replacements (Individual Areas) <10 SF, Add	15.60	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.48	
04 21 13 00-0024 SF Jumbo Red Face Brick - 12" Solid (9.0/SF With Running Bond) .....	24.40	
For Full Header Every 6th Course, Add	0.57	
For English, Full Header Every Second Course, Add	1.14	
For Flemish, Alternate Header Every Course, Add	2.64	
For Curved Wall Application, Add	2.84	
For Interior Veneer Construction, Add	2.13	
For Stacked Bond, Add	1.93	
For Battered Walls (Variable Depth Surface Placement), Add	3.55	
For Corbels, Add	10.65	
For Colored Mortar, Add	1.02	
For Basket Weave Or Soldier Bond Pattern, Add	1.93	
For Herringbone Pattern, Add	3.15	
For Severe Weather (SW) Brick, Add	1.53	
For Close Tolerance (FBX), Add	2.19	
For Small Area Replacements (Individual Areas) <10 SF, Add	21.81	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	14.71	
04 21 13 00-0025 SF Jumbo Red Face Brick - 16" Solid (12.0/SF With Running Bond).....	31.07	
For Full Header Every 6th Course, Add	0.70	
For English, Full Header Every Second Course, Add	1.40	
For Flemish, Alternate Header Every Course, Add	3.30	
For Curved Wall Application, Add	3.49	
For Interior Veneer Construction, Add	2.62	
For Stacked Bond, Add	2.43	
For Battered Walls (Variable Depth Surface Placement), Add	4.37	
For Corbels, Add	13.10	
For Colored Mortar, Add	1.36	
For Basket Weave Or Soldier Bond Pattern, Add	2.43	
For Herringbone Pattern, Add	3.98	
For Severe Weather (SW) Brick, Add	2.04	
For Close Tolerance (FBX), Add	2.77	
For Small Area Replacements (Individual Areas) <10 SF, Add	26.89	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	18.15	
04 21 13 00-0026 Other Brick Shapes (04 21 13)		
04 21 13 00-0027 Norman Face Brick (04 21 13 00-0026)		
Note: 2-2/3" x 4" x 12".		
04 21 13 00-0028 Norman Brick, Red Face Running Bond (04 21 13 00-0027)		
04 21 13 00-0029 SF Red Face Norman Brick - Veneer (4.5/SF With Running Bond) .....	14.00	
For Buff Or Gray Face, Add	0.71	
For Marble Chip, Add	0.94	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.67	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.19	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.43	
For Basket Weave Or Soldier Bond Pattern, Add	1.19	
For Herringbone Pattern, Add	1.89	
For Severe Weather (SW) Brick, Add	0.64	
For Close Tolerance (FBX), Add	1.29	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.79	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.93	

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0030 SF Red Face Norman Brick - Cavity Wall (4.5/SF With Running Bond).....	15.60	
For Buff Or Gray Face, Add	0.71	
For Marble Chip, Add	0.94	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.91	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.35	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.43	
For Basket Weave Or Soldier Bond Pattern, Add	1.35	
For Herringbone Pattern, Add	2.13	
For Severe Weather (SW) Brick, Add	0.64	
For Close Tolerance (FBX), Add	1.45	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.19	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.53	
04 21 13 00-0031 Engineer Brick (04 21 13 00-0026) Note: 3-1/5" x 4" x 8".		
04 21 13 00-0032 Engineer Brick, Red Face Running Bond (04 21 13 00-0031)		
04 21 13 00-0033 SF Engineer Brick - Veneer (5.06/SF With Running Bond).....	13.80	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.66	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.18	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.41	
For Basket Weave Or Soldier Bond Pattern, Add	1.18	
For Herringbone Pattern, Add	1.87	
For Severe Weather (SW) Brick, Add	0.61	
For Close Tolerance (FBX), Add	1.28	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.78	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.92	
04 21 13 00-0034 SF Engineer Brick - Cavity Wall (5.06/SF With Running Bond).....	15.40	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.90	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.34	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.41	
For Basket Weave Or Soldier Bond Pattern, Add	1.34	
For Herringbone Pattern, Add	2.11	
For Severe Weather (SW) Brick, Add	0.61	
For Close Tolerance (FBX), Add	1.44	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.18	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.52	
04 21 13 00-0035 Roman Brick (04 21 13 00-0026) Note: 2" x 4" x 12" or Baby Roman 2" x 4" x 8".		
04 21 13 00-0036 Roman Brick, Red Face Running Bond (04 21 13 00-0035)		
04 21 13 00-0037 SF Roman Brick - Veneer (5.23/SF With Running Bond).....	14.91	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.72	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.23	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.52	
For Basket Weave Or Soldier Bond Pattern, Add	1.23	
For Herringbone Pattern, Add	1.98	
For Severe Weather (SW) Brick, Add	0.78	
For Close Tolerance (FBX), Add	1.36	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.84	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.98	



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Clay Unit Masonry	04 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0038 SF Roman Brick - Cavity Wall (5.23/SF With Running Bond) .....	16.51	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.96	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.39	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.52	
For Basket Weave Or Soldier Bond Pattern, Add	1.39	
For Herringbone Pattern, Add	2.22	
For Severe Weather (SW) Brick, Add	0.78	
For Close Tolerance (FBX), Add	1.52	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.24	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.58	
04 21 13 00-0039 SF Baby Roman Brick - Veneer (7.76/SF With Running Bond).....	15.85	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.76	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.28	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.61	
For Basket Weave Or Soldier Bond Pattern, Add	1.28	
For Herringbone Pattern, Add	2.07	
For Severe Weather (SW) Brick, Add	0.92	
For Close Tolerance (FBX), Add	1.43	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.89	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.03	
04 21 13 00-0040 SF Baby Roman Brick - Cavity Wall (7.76/SF With Running Bond) .....	17.45	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	2.00	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.44	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.61	
For Basket Weave Or Soldier Bond Pattern, Add	1.44	
For Herringbone Pattern, Add	2.31	
For Severe Weather (SW) Brick, Add	0.92	
For Close Tolerance (FBX), Add	1.59	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.29	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.63	
<b>04 21 13 00-0041 Norwegian Brick</b> <small>(04 21 13 00-0026)</small>		
Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".		
<b>04 21 13 00-0042 Norwegian Brick, Red Face Running Bond</b> <small>(04 21 13 00-0041)</small>		
04 21 13 00-0043 SF Norwegian Brick - Veneer (3.41/SF With Running Bond) .....	13.17	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.63	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.14	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.35	
For Basket Weave Or Soldier Bond Pattern, Add	1.14	
For Herringbone Pattern, Add	1.80	
For Severe Weather (SW) Brick, Add	0.52	
For Close Tolerance (FBX), Add	1.23	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.75	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.89	
04 21 13 00-0044 SF Norwegian Brick - Cavity Wall (3.41/SF With Running Bond).....	14.77	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.87	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.30	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.35	
For Basket Weave Or Soldier Bond Pattern, Add	1.30	
For Herringbone Pattern, Add	2.04	
For Severe Weather (SW) Brick, Add	0.52	
For Close Tolerance (FBX), Add	1.39	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.15	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.49	

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0045 SF 6" Norwegian Brick - Veneer (3.41/SF With Running Bond) .....	14.82	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.71	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.23	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.51	
For Basket Weave Or Soldier Bond Pattern, Add	1.23	
For Herringbone Pattern, Add	1.97	
For Severe Weather (SW) Brick, Add	0.77	
For Close Tolerance (FBX), Add	1.35	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.84	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.98	
04 21 13 00-0046 SF 6" Norwegian Brick - Cavity Wall (3.41/SF With Running Bond) .....	16.42	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.95	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.39	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.51	
For Basket Weave Or Soldier Bond Pattern, Add	1.39	
For Herringbone Pattern, Add	2.21	
For Severe Weather (SW) Brick, Add	0.77	
For Close Tolerance (FBX), Add	1.51	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.24	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.58	
<b>04 21 13 00-0047 Double Face Brick</b> <small>(04 21 13 00-0026)</small>		
Note: 5-1/3" x 4" x 8".		
<b>04 21 13 00-0048 Double Face Brick, Red Face Running Bond</b> <small>(04 21 13 00-0047)</small>		
04 21 13 00-0049 SF Double Face Brick - Veneer (3.13/SF With Running Bond) .....	12.47	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.60	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.11	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.28	
For Basket Weave Or Soldier Bond Pattern, Add	1.11	
For Herringbone Pattern, Add	1.73	
For Severe Weather (SW) Brick, Add	0.41	
For Close Tolerance (FBX), Add	1.18	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.72	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.86	
04 21 13 00-0050 SF Double Face Brick - Cavity Wall (3.13/SF With Running Bond) .....	14.07	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.84	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.27	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.28	
For Basket Weave Or Soldier Bond Pattern, Add	1.27	
For Herringbone Pattern, Add	1.97	
For Severe Weather (SW) Brick, Add	0.41	
For Close Tolerance (FBX), Add	1.34	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.12	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.46	
<b>04 21 13 00-0051 Triple Face Brick</b> <small>(04 21 13 00-0026)</small>		
Note: 5-1/3" x 4" x 12".		
<b>04 21 13 00-0052 Triple Face Brick, Red Face Running Bond</b> <small>(04 21 13 00-0051)</small>		



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Clay Unit Masonry	04 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0053 SF Triple Face Brick - Veneer (2.11/SF With Running Bond) .....	12.02	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.57	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.09	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.23	
For Basket Weave Or Soldier Bond Pattern, Add	1.09	
For Herringbone Pattern, Add	1.69	
For Severe Weather (SW) Brick, Add	0.35	
For Close Tolerance (FBX), Add	1.14	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.70	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	9.84	
04 21 13 00-0054 SF Triple Face Brick - Cavity Wall (2.11/SF With Running Bond) .....	13.62	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.81	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.25	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.23	
For Basket Weave Or Soldier Bond Pattern, Add	1.25	
For Herringbone Pattern, Add	1.93	
For Severe Weather (SW) Brick, Add	0.35	
For Close Tolerance (FBX), Add	1.30	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.10	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.44	
<b>04 21 13 00-0055 SCR Face Brick</b> (04 21 13 00-0026) Note: 2-2/3" x 6" x 12".		
<b>04 21 13 00-0056 SCR Face Brick, Red Face Running Bond</b> (04 21 13 00-0055)		
04 21 13 00-0057 SF SCR Face Brick - Veneer (4.03/SF With Running Bond) .....	15.65	
For Full Header Every 6th Course, Add	0.39	
For English, Full Header Every Second Course, Add	0.78	
For Flemish, Alternate Header Every Course, Add	1.75	
For Curved Wall Application, Add	1.94	
For Interior Veneer Construction, Add	1.46	
For Stacked Bond, Add	1.27	
For Battered Walls (Variable Depth Surface Placement), Add	2.43	
For Corbels, Add	7.29	
For Colored Mortar, Add	0.59	
For Basket Weave Or Soldier Bond Pattern, Add	1.27	
For Herringbone Pattern, Add	2.05	
For Severe Weather (SW) Brick, Add	0.89	
For Close Tolerance (FBX), Add	1.42	
For Small Area Replacements (Individual Areas) <10 SF, Add	14.88	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	10.02	
04 21 13 00-0058 SF SCR Face Brick - Cavity Wall (4.03/SF With Running Bond) .....	17.25	
For Full Header Every 6th Course, Add	0.45	
For English, Full Header Every Second Course, Add	0.91	
For Flemish, Alternate Header Every Course, Add	1.99	
For Curved Wall Application, Add	2.26	
For Interior Veneer Construction, Add	1.70	
For Stacked Bond, Add	1.43	
For Battered Walls (Variable Depth Surface Placement), Add	2.83	
For Corbels, Add	8.49	
For Colored Mortar, Add	0.59	
For Basket Weave Or Soldier Bond Pattern, Add	1.43	
For Herringbone Pattern, Add	2.29	
For Severe Weather (SW) Brick, Add	0.89	
For Close Tolerance (FBX), Add	1.58	
For Small Area Replacements (Individual Areas) <10 SF, Add	17.28	
For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	11.62	
<b>04 21 13 00-0059 Fire Brick</b> (04 21 13 00-0026) Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".		
<b>04 21 13 00-0060 Fire Brick, Red Face Running Bond</b> (04 21 13 00-0059)		

<b>04</b>	<b>Masonry</b>
<b>04 20</b>	<b>Unit Masonry</b>
<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0061	SF		Fire Brick - Veneer (With Running Bond).....	15.81	
			<i>For Full Header Every 6th Course, Add</i>	0.39	
			<i>For English, Full Header Every Second Course, Add</i>	0.78	
			<i>For Flemish, Alternate Header Every Course, Add</i>	1.76	
			<i>For Curved Wall Application, Add</i>	1.94	
			<i>For Interior Veneer Construction, Add</i>	1.46	
			<i>For Stacked Bond, Add</i>	1.28	
			<i>For Battered Walls (Variable Depth Surface Placement), Add</i>	2.43	
			<i>For Corbels, Add</i>	7.29	
			<i>For Colored Mortar, Add</i>	0.61	
			<i>For Basket Weave Or Soldier Bond Pattern, Add</i>	1.28	
			<i>For Herringbone Pattern, Add</i>	2.07	
			<i>For Severe Weather (SW) Brick, Add</i>	0.91	
			<i>For Close Tolerance (FBX), Add</i>	1.43	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	14.88	
			<i>For Columns Where The Shortest Distance From Corner to Corner Is &lt;3', Add</i>	10.02	
04 21 13 00-0062	SF		Fire Brick - Cavity Wall (With Running Bond) .....	17.41	
			<i>For Full Header Every 6th Course, Add</i>	0.45	
			<i>For English, Full Header Every Second Course, Add</i>	0.91	
			<i>For Flemish, Alternate Header Every Course, Add</i>	2.00	
			<i>For Curved Wall Application, Add</i>	2.26	
			<i>For Interior Veneer Construction, Add</i>	1.70	
			<i>For Stacked Bond, Add</i>	1.44	
			<i>For Battered Walls (Variable Depth Surface Placement), Add</i>	2.83	
			<i>For Corbels, Add</i>	8.49	
			<i>For Colored Mortar, Add</i>	0.61	
			<i>For Basket Weave Or Soldier Bond Pattern, Add</i>	1.44	
			<i>For Herringbone Pattern, Add</i>	2.31	
			<i>For Severe Weather (SW) Brick, Add</i>	0.91	
			<i>For Close Tolerance (FBX), Add</i>	1.59	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	17.28	
			<i>For Columns Where The Shortest Distance From Corner to Corner Is &lt;3', Add</i>	11.62	
04 21 13 00-0063			<b>Window Sill</b> <small>(04 21 13)</small>		
04 21 13 00-0064	LF		Window Sill, Face Brick On Edge .....	15.10	
<b>04 21 19</b>			<b>Clay Tile Masonry</b> <small>(04 21)</small>		
04 21 19 00-0001			<b>Scored Face, Hollow, Clay Backing Tile</b> <small>(04 21 19)</small>		
04 21 19 00-0002			<b>Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> <small>(04 21 19 00-0001)</small>		
04 21 19 00-0003	SF		4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....	13.02	
			<i>For Smooth Face, One Side, Add</i>	0.85	
			<i>For Smooth Face, Two Sides, Add</i>	1.45	
04 21 19 00-0004	SF		6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....	14.19	
			<i>For Smooth Face, One Side, Add</i>	0.95	
			<i>For Smooth Face, Two Sides, Add</i>	1.61	
04 21 19 00-0005	SF		8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....	16.01	
			<i>For Smooth Face, One Side, Add</i>	1.10	
			<i>For Smooth Face, Two Sides, Add</i>	1.89	
04 21 19 00-0006	SF		10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....	22.46	
			<i>For Smooth Face, One Side, Add</i>	1.72	
			<i>For Smooth Face, Two Sides, Add</i>	2.99	
04 21 19 00-0007	SF		12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....	29.85	
			<i>For Smooth Face, One Side, Add</i>	2.41	
			<i>For Smooth Face, Two Sides, Add</i>	4.22	
04 21 19 00-0008			<b>Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> <small>(04 21 19 00-0001)</small>		
04 21 19 00-0009	SF		3" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	10.84	
			<i>For Smooth Face, One Side, Add</i>	0.69	
			<i>For Smooth Face, Two Sides, Add</i>	1.16	
04 21 19 00-0010	SF		4" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	13.15	
			<i>For Smooth Face, One Side, Add</i>	0.90	
			<i>For Smooth Face, Two Sides, Add</i>	1.53	
04 21 19 00-0011	SF		6" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	13.46	
			<i>For Smooth Face, One Side, Add</i>	0.91	
			<i>For Smooth Face, Two Sides, Add</i>	1.55	
04 21 19 00-0012	SF		8" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	21.13	
			<i>For Smooth Face, One Side, Add</i>	1.64	
			<i>For Smooth Face, Two Sides, Add</i>	2.86	
04 21 19 00-0013	SF		12" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	29.13	
			<i>For Smooth Face, One Side, Add</i>	2.39	
			<i>For Smooth Face, Two Sides, Add</i>	4.19	
<b>04 21 26</b>			<b>Glazed Structural Clay Tile Masonry</b> <small>(04 21)</small>		
			Note: Includes tile and mortar in all colors.		
04 21 26 00-0001			<b>6T Series Structural Glazed Clay Tile</b> <small>(04 21 26)</small>		
04 21 26 00-0002			<b>Glazed On One Side 6T Series Structural Glazed Clay Tile</b> <small>(04 21 26 00-0001)</small>		
04 21 26 00-0003	SF		2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" .....	20.81	
			<i>For Stacked Bond, Add</i>	1.07	





<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Clay Unit Masonry	04 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0004 SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	24.74	
For Stacked Bond, Add	1.07	
For 1 Hour Fire Rating, Add	1.94	
04 21 26 00-0005 SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	31.14	
For Stacked Bond, Add	1.12	
For 2 Hour Fire Rating, Add	2.55	
<b>04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)</b>		
04 21 26 00-0007 LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile.....	20.54	
For Stacked Bond, Add	1.27	
04 21 26 00-0008 LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile.....	25.79	
For Stacked Bond, Add	1.27	
<b>04 21 26 00-0009 8W Series Structural Glazed Clay Tile (04 21 26)</b>		
<b>04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)</b>		
04 21 26 00-0011 SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	18.01	
For Stacked Bond, Add	0.68	
04 21 26 00-0012 SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	23.07	
For Stacked Bond, Add	0.73	
For 1 Hour Fire Rating, Add	1.94	
04 21 26 00-0013 SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	32.29	
For Stacked Bond, Add	0.78	
For 2 Hour Fire Rating, Add	2.84	
<b>04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)</b>		
04 21 26 00-0015 LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile.....	24.64	
For Stacked Bond, Add	0.88	
04 21 26 00-0016 LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile.....	24.69	
For Stacked Bond, Add	0.88	
<b>04 21 26 00-0017 4W Series Structural Glazed Clay Tile (04 21 26)</b>		
<b>04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)</b>		
04 21 26 00-0019 SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	22.28	
For Stacked Bond, Add	1.07	
04 21 26 00-0020 SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	24.50	
For Stacked Bond, Add	1.07	
For 1 Hour Fire Rating, Add	1.91	
04 21 26 00-0021 SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	31.88	
For Stacked Bond, Add	1.12	
For 2 Hour Fire Rating, Add	2.62	
<b>04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)</b>		
04 21 26 00-0023 LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile.....	20.87	
For Stacked Bond, Add	1.27	
04 21 26 00-0024 LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile.....	25.63	
For Stacked Bond, Add	1.27	
<b>04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile (04 21 26)</b>		
04 21 26 00-0026 SF 4" Thick, 6T Sound Absorbing Structural Glazed Tile.....	28.96	
04 21 26 00-0027 SF 6" Thick, 6T Sound Absorbing Structural Glazed Tile.....	31.73	
04 21 26 00-0028 SF 8" Thick, 6T Sound Absorbing Structural Glazed Tile.....	36.91	
<b>04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile (04 21 26)</b>		
04 21 26 00-0030 SF 4" Thick, 8T Sound Absorbing Structural Glazed Tile.....	40.79	
04 21 26 00-0031 SF 6" Thick, 8T Sound Absorbing Structural Glazed Tile.....	47.27	
04 21 26 00-0032 SF 8" Thick, 8T Acoustical Glazed Tile.....	55.27	
<b>04 22 Concrete Unit Masonry (04 20)</b>		
Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.		
<b>04 22 23 Architectural Concrete Unit Masonry (04 22)</b>		
<b>04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)</b>		
<b>04 22 23 13-0001 Back-Up Concrete Blocks (04 22 23 13)</b>		
<b>04 22 23 13-0002 Back-Up Concrete Blocks (04 22 23 13-0001)</b>		
04 22 23 13-0003 SF 8" x 16" x 2", Solid, Back-Up Concrete Block.....	6.26	
For Special Color, Add	1.10	
For Stacked Bond, Add	1.28	
For Scored Block, Add	0.27	
For Curved Wall Application, Add	0.99	
For Small Area Replacements (Individual Areas) <10 SF, Add	7.49	

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0004 SF 8" x 16" x 4", Regular, Back-Up Concrete Block .....	6.32	
For Special Color, Add	0.95	
For Stacked Bond, Add	1.34	
For Scored Block, Add	0.23	
For Curved Wall Application, Add	1.03	
For Small Area Replacements (Individual Areas) <10 SF, Add	7.84	
04 22 23 13-0005 SF 8" x 16" x 6", Regular, Back-Up Concrete Block .....	7.20	
For Special Color, Add	1.20	
For Stacked Bond, Add	1.50	
For Scored Block, Add	0.29	
For Curved Wall Application, Add	1.15	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.75	
04 22 23 13-0006 SF 8" x 16" x 8", Regular, Back-Up Concrete Block .....	7.78	
For Special Color, Add	1.39	
For Stacked Bond, Add	1.59	
For Scored Block, Add	0.34	
For Curved Wall Application, Add	1.22	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.28	
04 22 23 13-0007 SF 8" x 16" x 10", Regular, Back-Up Concrete Block .....	8.53	
For Special Color, Add	1.86	
For Stacked Bond, Add	1.64	
For Scored Block, Add	0.45	
For Curved Wall Application, Add	1.26	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.60	
04 22 23 13-0008 SF 8" x 16" x 12", Regular, Back-Up Concrete Block .....	10.10	
For Special Color, Add	1.94	
For Stacked Bond, Add	2.02	
For Scored Block, Add	0.47	
For Curved Wall Application, Add	1.55	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.82	
<b>04 22 23 13-0009 Foundation Wall Concrete Blocks</b> (04 22 23 13)		
<b>04 22 23 13-0010 Foundation Wall Concrete Blocks</b> (04 22 23 13-0009)		
04 22 23 13-0011 SF 8" x 16" x 6", Regular, Foundation Wall Concrete Block .....	6.55	
For Special Color, Add	1.20	
For Stacked Bond, Add	1.33	
For Scored Block, Add	0.29	
For Curved Wall Application, Add	1.02	
For Small Area Replacements (Individual Areas) <10 SF, Add	7.77	
04 22 23 13-0012 SF 8" x 16" x 8", Regular, Foundation Wall Concrete Block .....	7.14	
For Special Color, Add	1.39	
For Stacked Bond, Add	1.42	
For Scored Block, Add	0.34	
For Curved Wall Application, Add	1.09	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.32	
04 22 23 13-0013 SF 8" x 16" x 10", Regular, Foundation Wall Concrete Block .....	8.26	
For Special Color, Add	1.86	
For Stacked Bond, Add	1.57	
For Scored Block, Add	0.45	
For Curved Wall Application, Add	1.20	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.20	
04 22 23 13-0014 SF 8" x 16" x 12", Regular, Foundation Wall Concrete Block .....	10.10	
For Special Color, Add	1.94	
For Stacked Bond, Add	2.02	
For Scored Block, Add	0.47	
For Curved Wall Application, Add	1.55	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.82	
04 22 23 13-0015 SF 8" x 16" x 6", Solid, Foundation Wall Concrete Block .....	7.17	
For Special Color, Add	1.60	
For Stacked Bond, Add	1.36	
For Scored Block, Add	0.39	
For Curved Wall Application, Add	1.05	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.00	
04 22 23 13-0016 SF 8" x 16" x 8", Solid, Foundation Wall Concrete Block .....	7.96	
For Special Color, Add	1.89	
For Stacked Bond, Add	1.48	
For Scored Block, Add	0.46	
For Curved Wall Application, Add	1.14	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.69	
04 22 23 13-0017 SF 8" x 16" x 10", Solid, Foundation Wall Concrete Block .....	9.10	
For Special Color, Add	2.33	
For Stacked Bond, Add	1.64	
For Scored Block, Add	0.56	
For Curved Wall Application, Add	1.26	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.65	
04 22 23 13-0018 SF 8" x 16" x 12", Solid, Foundation Wall Concrete Block .....	11.17	
For Special Color, Add	2.51	
For Stacked Bond, Add	2.12	
For Scored Block, Add	0.60	
For Curved Wall Application, Add	1.63	
For Small Area Replacements (Individual Areas) <10 SF, Add	12.45	
<b>04 22 23 13-0019 Partition Concrete Blocks</b> (04 22 23 13)		



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Concrete Unit Masonry	04 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 22 23 13-0020 Lightweight, Regular, Partition Concrete Blocks</b> <small>(04 22 23 13-0019)</small>		
04 22 23 13-0021 SF 8" x 16" x 4", Lightweight, Regular, Partition Concrete Block .....	6.40	
For Special Color, Add	1.02	
For Stacked Bond, Add	1.34	
For Scored Block, Add	0.25	
For Curved Wall Application, Add	1.03	
For Small Area Replacements (Individual Areas) <10 SF, Add	7.85	
04 22 23 13-0022 SF 8" x 16" x 6", Lightweight, Regular, Partition Concrete Block .....	7.17	
For Special Color, Add	1.29	
For Stacked Bond, Add	1.46	
For Scored Block, Add	0.31	
For Curved Wall Application, Add	1.12	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.53	
04 22 23 13-0023 SF 8" x 16" x 8", Lightweight, Regular, Partition Concrete Block .....	7.78	
For Special Color, Add	1.46	
For Stacked Bond, Add	1.57	
For Scored Block, Add	0.35	
For Curved Wall Application, Add	1.20	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.16	
04 22 23 13-0024 SF 8" x 16" x 10", Lightweight, Regular, Partition Concrete Block .....	8.63	
For Special Color, Add	1.94	
For Stacked Bond, Add	1.64	
For Scored Block, Add	0.47	
For Curved Wall Application, Add	1.26	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.61	
04 22 23 13-0025 SF 8" x 16" x 12", Lightweight, Regular, Partition Concrete Block .....	10.28	
For Special Color, Add	2.09	
For Stacked Bond, Add	2.02	
For Scored Block, Add	0.50	
For Curved Wall Application, Add	1.55	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.83	
<b>04 22 23 13-0026 Lightweight, Solid, Partition Concrete Blocks</b> <small>(04 22 23 13-0019)</small>		
04 22 23 13-0027 SF 8" x 16" x 4", Lightweight, Solid, Partition Concrete Block .....	6.95	
For Special Color, Add	1.36	
For Stacked Bond, Add	1.38	
For Scored Block, Add	0.33	
For Curved Wall Application, Add	1.06	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.09	
04 22 23 13-0028 SF 8" x 16" x 6", Lightweight, Solid, Partition Concrete Block .....	7.61	
For Special Color, Add	1.47	
For Stacked Bond, Add	1.52	
For Scored Block, Add	0.35	
For Curved Wall Application, Add	1.17	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.89	
04 22 23 13-0029 SF 8" x 16" x 8", Lightweight, Solid, Partition Concrete Block .....	8.03	
For Special Color, Add	1.52	
For Stacked Bond, Add	1.61	
For Scored Block, Add	0.37	
For Curved Wall Application, Add	1.24	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.44	
04 22 23 13-0030 SF 8" x 16" x 10", Lightweight, Solid, Partition Concrete Block .....	9.03	
For Special Color, Add	2.11	
For Stacked Bond, Add	1.69	
For Scored Block, Add	0.51	
For Curved Wall Application, Add	1.30	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.93	
04 22 23 13-0031 SF 8" x 16" x 12", Lightweight, Solid, Partition Concrete Block .....	10.72	
For Special Color, Add	2.25	
For Stacked Bond, Add	2.08	
For Scored Block, Add	0.54	
For Curved Wall Application, Add	1.60	
For Small Area Replacements (Individual Areas) <10 SF, Add	12.22	
<b>04 22 23 13-0032 Normal Weight, Regular, Partition Concrete Blocks</b> <small>(04 22 23 13-0019)</small>		
04 22 23 13-0033 SF 8" x 16" x 4", Normal Weight, Regular, Partition Concrete Block .....	6.54	
For Special Color, Add	1.02	
For Stacked Bond, Add	1.38	
For Scored Block, Add	0.25	
For 4" High (Half Height) Block, Add	1.04	
For Curved Wall Application, Add	1.06	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.06	
04 22 23 13-0034 SF 8" x 16" x 6", Normal Weight, Regular, Partition Concrete Block .....	7.24	
For Special Color, Add	1.16	
For Stacked Bond, Add	1.52	
For Scored Block, Add	0.28	
For 4" High (Half Height) Block, Add	1.16	
For Curved Wall Application, Add	1.17	
For Small Area Replacements (Individual Areas) <10 SF, Add	8.87	

<b>04</b>	<b>Masonry</b>
<b>04 20</b>	<b>Unit Masonry</b>
<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0035	SF		8" x 16" x 8", Normal Weight, Regular, Partition Concrete Block.....	7.82	
			<i>For Special Color, Add</i>	1.34	
			<i>For Stacked Bond, Add</i>	1.61	
			<i>For Scored Block, Add</i>	0.32	
			<i>For 4" High (Half Height) Block, Add</i>	1.28	
			<i>For Curved Wall Application, Add</i>	1.24	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	9.42	
04 22 23 13-0036	SF		8" x 16" x 10", Normal Weight, Regular, Partition Concrete Block.....	9.61	
			<i>For Special Color, Add</i>	2.59	
			<i>For Stacked Bond, Add</i>	1.69	
			<i>For Scored Block, Add</i>	0.62	
			<i>For 4" High (Half Height) Block, Add</i>	1.93	
			<i>For Curved Wall Application, Add</i>	1.30	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	9.97	
04 22 23 13-0037	SF		8" x 16" x 12", Normal Weight, Regular, Partition Concrete Block.....	11.23	
			<i>For Special Color, Add</i>	2.67	
			<i>For Stacked Bond, Add</i>	2.08	
			<i>For Scored Block, Add</i>	0.64	
			<i>For 4" High (Half Height) Block, Add</i>	2.12	
			<i>For Curved Wall Application, Add</i>	1.60	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	12.26	
<b>04 22 23 13-0038</b>			<b>Normal Weight, Solid, Partition Concrete Blocks</b> (04 22 23 13-0019)		
04 22 23 13-0039	SF		8" x 16" x 4", Normal Weight, Solid, Partition Concrete Block.....	7.02	
			<i>For Special Color, Add</i>	1.29	
			<i>For Stacked Bond, Add</i>	1.42	
			<i>For Scored Block, Add</i>	0.31	
			<i>For 4" High (Half Height) Block, Add</i>	1.19	
			<i>For Curved Wall Application, Add</i>	1.09	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	8.31	
04 22 23 13-0040	SF		8" x 16" x 6", Normal Weight, Solid, Partition Concrete Block.....	7.46	
			<i>For Special Color, Add</i>	1.20	
			<i>For Stacked Bond, Add</i>	1.57	
			<i>For Scored Block, Add</i>	0.29	
			<i>For 4" High (Half Height) Block, Add</i>	1.19	
			<i>For Curved Wall Application, Add</i>	1.20	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	9.14	
04 22 23 13-0041	SF		8" x 16" x 8", Normal Weight, Solid, Partition Concrete Block.....	8.07	
			<i>For Special Color, Add</i>	1.39	
			<i>For Stacked Bond, Add</i>	1.66	
			<i>For Scored Block, Add</i>	0.34	
			<i>For 4" High (Half Height) Block, Add</i>	1.33	
			<i>For Curved Wall Application, Add</i>	1.28	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	9.71	
04 22 23 13-0042	SF		8" x 16" x 10", Normal Weight, Solid, Partition Concrete Block.....	8.94	
			<i>For Special Color, Add</i>	1.86	
			<i>For Stacked Bond, Add</i>	1.74	
			<i>For Scored Block, Add</i>	0.45	
			<i>For 4" High (Half Height) Block, Add</i>	1.59	
			<i>For Curved Wall Application, Add</i>	1.34	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	10.22	
04 22 23 13-0043	SF		8" x 16" x 12", Normal Weight, Solid, Partition Concrete Block.....	10.63	
			<i>For Special Color, Add</i>	1.94	
			<i>For Stacked Bond, Add</i>	2.16	
			<i>For Scored Block, Add</i>	0.47	
			<i>For 4" High (Half Height) Block, Add</i>	1.79	
			<i>For Curved Wall Application, Add</i>	1.66	
			<i>For Small Area Replacements (Individual Areas) &lt;10 SF, Add</i>	12.61	
<b>04 22 23 13-0044</b>			<b>High Strength Concrete Blocks</b> (04 22 23 13)		
<b>04 22 23 13-0045</b>			<b>3,500 PSI, High Strength Concrete Blocks</b> (04 22 23 13-0044)		
04 22 23 13-0046	SF		8" x 16" x 2", 3,500 PSI, High Strength Concrete Block.....	6.30	
			<i>For Special Color, Add</i>	1.04	
			<i>For Stacked Bond, Add</i>	1.31	
			<i>For Scored Block, Add</i>	0.25	
			<i>For Curved Wall Application, Add</i>	1.01	
04 22 23 13-0047	SF		8" x 16" x 4", 3,500 PSI, High Strength Concrete Block.....	6.47	
			<i>For Special Color, Add</i>	0.96	
			<i>For Stacked Bond, Add</i>	1.38	
			<i>For Scored Block, Add</i>	0.23	
			<i>For Curved Wall Application, Add</i>	1.06	
04 22 23 13-0048	SF		8" x 16" x 6", 3,500 PSI, High Strength Concrete Block.....	7.34	
			<i>For Special Color, Add</i>	1.25	
			<i>For Stacked Bond, Add</i>	1.52	
			<i>For Scored Block, Add</i>	0.30	
			<i>For Curved Wall Application, Add</i>	1.17	
04 22 23 13-0049	SF		8" x 16" x 8", 3,500 PSI, High Strength Concrete Block.....	7.99	
			<i>For Special Color, Add</i>	1.49	
			<i>For Stacked Bond, Add</i>	1.61	
			<i>For Scored Block, Add</i>	0.36	
			<i>For Curved Wall Application, Add</i>	1.24	



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Concrete Unit Masonry	04 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0050 SF 8" x 16" x 10", 3,500 PSI, High Strength Concrete Block.....	9.07	
For Special Color, Add	2.06	
For Stacked Bond, Add	1.71	
For Scored Block, Add	0.50	
For Curved Wall Application, Add	1.32	
04 22 23 13-0051 SF 8" x 16" x 12", 3,500 PSI, High Strength Concrete Block.....	10.62	
For Special Color, Add	2.17	
For Stacked Bond, Add	2.08	
For Scored Block, Add	0.52	
For Curved Wall Application, Add	1.60	
<b>04 22 23 13-0052 Solar Screen Concrete Blocks (04 22 23 13)</b>		
<b>04 22 23 13-0053 Solar Screen Concrete Blocks (04 22 23 13-0052)</b>		
04 22 23 13-0054 SF 6" x 6" x 4" Solar Screen Concrete Block .....	9.12	
For Special Color, Add	2.43	
For Stacked Bond, Add	1.61	
For Scored Block, Add	0.59	
For Curved Wall Application, Add	1.24	
04 22 23 13-0055 SF 8" x 8" x 4" Solar Screen Concrete Block .....	9.75	
For Special Color, Add	2.46	
For Stacked Bond, Add	1.77	
For Scored Block, Add	0.59	
For Curved Wall Application, Add	1.36	
04 22 23 13-0056 SF 12" x 12" x 4" Solar Screen Concrete Block .....	11.33	
For Special Color, Add	3.10	
For Stacked Bond, Add	1.98	
For Scored Block, Add	0.75	
For Curved Wall Application, Add	1.52	
04 22 23 13-0057 SF 8" x 16" x 8" Solar Screen Concrete Block .....	15.80	
For Special Color, Add	3.80	
For Stacked Bond, Add	2.92	
For Scored Block, Add	0.92	
For Curved Wall Application, Add	2.24	
<b>04 22 23 13-0058 Bond Beam Or Lintel Concrete Blocks (04 22 23 13)</b>		
<b>04 22 23 13-0059 Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0058)</b>		
Note: Excludes concrete fill and reinforcing. See CSI section 04 05 16 26-0000 for concrete fill.		
04 22 23 13-0060 LF 8" x 16" x 6" Regular Weight, Bond Beam Or Lintel Concrete Block .....	7.49	
For Special Color, Add	1.37	
For Stacked Bond, Add	1.52	
For Grout And Fill With 2 #5 Rebar, Add	4.57	
For Scored Block, Add	0.33	
For Curved Wall Application, Add	1.17	
04 22 23 13-0061 LF 8" x 16" x 8" Regular Weight, Bond Beam Or Lintel Concrete Block .....	8.25	
For Special Color, Add	1.70	
For Stacked Bond, Add	1.61	
For Grout And Fill With 2 #5 Rebar, Add	5.15	
For Scored Block, Add	0.41	
For Curved Wall Application, Add	1.24	
04 22 23 13-0062 LF 8" x 16" x 12" Regular Weight, Bond Beam Or Lintel Concrete Block .....	10.21	
For Special Color, Add	1.83	
For Stacked Bond, Add	2.08	
For Grout And Fill With 2 #5 Rebar, Add	6.21	
For Scored Block, Add	0.44	
For Curved Wall Application, Add	1.60	
04 22 23 13-0063 LF 8" x 16" x 6" Lightweight, Bond Beam Or Lintel Concrete Block .....	7.53	
For Special Color, Add	1.59	
For Stacked Bond, Add	1.46	
For Grout And Fill With 2 #5 Rebar, Add	4.73	
For Scored Block, Add	0.38	
For Curved Wall Application, Add	1.12	
04 22 23 13-0064 LF 8" x 16" x 8" Lightweight, Bond Beam Or Lintel Concrete Block .....	8.34	
For Special Color, Add	1.93	
For Stacked Bond, Add	1.57	
For Grout And Fill With 2 #5 Rebar, Add	5.33	
For Scored Block, Add	0.46	
For Curved Wall Application, Add	1.20	
04 22 23 13-0065 LF 8" x 16" x 12" Lightweight, Bond Beam Or Lintel Concrete Block.....	10.23	
For Special Color, Add	2.05	
For Stacked Bond, Add	2.02	
For Grout And Fill With 2 #5 Rebar, Add	6.35	
For Scored Block, Add	0.49	
For Curved Wall Application, Add	1.55	
<b>04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)</b>		
<b>04 22 23 23-0001 Ground Face Concrete Blocks (04 22 23 23)</b>		

<b>04</b>	<b>Masonry</b>
<b>04 20</b>	<b>Unit Masonry</b>
<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23	23-0002	SF	8" x 16" x 4" Ground Face Concrete Block .....	8.46	
			For Special Color, Add	1.64	
			For Stacked Bond, Add	1.69	
			For Scored Block, Add	0.39	
			For Curved Wall Application, Add	1.30	
			For Small Area Replacements (Individual Areas) <10 SF, Add	9.88	
04 22 23	23-0003	SF	8" x 16" x 6" Ground Face Concrete Block .....	9.55	
			For Special Color, Add	1.86	
			For Stacked Bond, Add	1.90	
			For Scored Block, Add	0.45	
			For Curved Wall Application, Add	1.46	
			For Small Area Replacements (Individual Areas) <10 SF, Add	11.13	
04 22 23	23-0004	SF	8" x 16" x 8" Ground Face Concrete Block .....	10.37	
			For Special Color, Add	2.20	
			For Stacked Bond, Add	2.01	
			For Scored Block, Add	0.53	
			For Curved Wall Application, Add	1.54	
			For Small Area Replacements (Individual Areas) <10 SF, Add	11.78	
04 22 23	23-0005	SF	8" x 16" x 10" Ground Face Concrete Block .....	11.11	
			For Special Color, Add	2.43	
			For Stacked Bond, Add	2.13	
			For Scored Block, Add	0.59	
			For Curved Wall Application, Add	1.64	
			For Small Area Replacements (Individual Areas) <10 SF, Add	12.49	
04 22 23	23-0006	SF	8" x 16" x 12" Ground Face Concrete Block .....	13.21	
			For Special Color, Add	2.66	
			For Stacked Bond, Add	2.60	
			For Scored Block, Add	0.64	
			For Curved Wall Application, Add	2.00	
			For Small Area Replacements (Individual Areas) <10 SF, Add	15.26	
<b>04 22 23 26</b>	<b>Sound-Absorbing Concrete Unit Masonry (04 22 23)</b>				
<b>04 22 23 26-0001</b>	<b>Acoustical Slotted Concrete Block (04 22 23 26)</b>				
04 22 23 26-0002	SF		4" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block .....	11.93	
			For Special Color, Add	0.49	
			For Stacked Bond, Add	0.65	
04 22 23 26-0003	SF		6" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block .....	13.44	
			For Special Color, Add	0.57	
			For Stacked Bond, Add	0.71	
04 22 23 26-0004	SF		8" Thick, .50 - .60 NRC, Slotted, Acoustical Concrete Block .....	15.58	
			For Special Color, Add	0.71	
			For Stacked Bond, Add	0.77	
04 22 23 26-0005	SF		4" Thick, .65 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block .....	16.87	
			For Special Color, Add	0.93	
			For Stacked Bond, Add	0.65	
04 22 23 26-0006	SF		8" Thick, .50 - .60 NRC, Slotted With Filled Cavities, Acoustical Concrete Block .....	16.52	
			For Special Color, Add	0.79	
			For Stacked Bond, Add	0.77	
04 22 23 26-0007	SF		8" Thick, .60 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block .....	17.75	
			For Special Color, Add	0.90	
			For Stacked Bond, Add	0.77	
<b>04 22 23 29</b>	<b>Split-Face Concrete Unit Masonry (04 22 23)</b>				
<b>04 22 23 29-0001</b>	<b>Modified Face Concrete Blocks (04 22 23 29)</b>				
<b>04 22 23 29-0002</b>	<b>Plain Or Scored Split Faced Concrete Blocks (04 22 23 29-0001)</b>				
04 22 23 29-0003	SF		8" x 16" x 4" Plain Or Scored Split Face Concrete Block .....	8.69	
			For Special Color, Add	1.83	
			For Stacked Bond, Add	1.69	
			For Curved Wall Application, Add	1.30	
			For Small Area Replacements (Individual Areas) <10 SF, Add	9.90	
04 22 23 29-0004	SF		8" x 16" x 6" Plain Or Scored Split Face Concrete Block .....	9.83	
			For Special Color, Add	2.09	
			For Stacked Bond, Add	1.90	
			For Curved Wall Application, Add	1.46	
			For Small Area Replacements (Individual Areas) <10 SF, Add	11.15	
04 22 23 29-0005	SF		8" x 16" x 8" Plain Or Scored Split Face Concrete Block .....	10.68	
			For Special Color, Add	2.46	
			For Stacked Bond, Add	2.01	
			For Curved Wall Application, Add	1.54	
			For Small Area Replacements (Individual Areas) <10 SF, Add	11.80	
04 22 23 29-0006	SF		8" x 16" x 10" Plain Or Scored Split Face Concrete Block .....	11.48	
			For Special Color, Add	2.74	
			For Stacked Bond, Add	2.13	
			For Curved Wall Application, Add	1.64	
			For Small Area Replacements (Individual Areas) <10 SF, Add	12.52	
04 22 23 29-0007	SF		8" x 16" x 12" Plain Or Scored Split Face Concrete Block .....	13.19	
			For Special Color, Add	2.64	
			For Stacked Bond, Add	2.60	
			For Curved Wall Application, Add	2.00	
			For Small Area Replacements (Individual Areas) <10 SF, Add	15.25	



<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Concrete Unit Masonry	04 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 22 23 29-0008 Plain Or Scored Split Faced Bond Beam Or Lintel Concrete Blocks</b> (04 22 23 29-0001)		
04 22 23 29-0009 SF 8" x 16" x 4" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks .....	9.24	
For Special Color, Add	2.28	
For Stacked Bond, Add	1.69	
For Grout And Fill With 2 #5 Rebar, Add	6.00	
For Curved Wall Application, Add	1.30	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.94	
04 22 23 29-0010 SF 8" x 16" x 6" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks .....	10.45	
For Special Color, Add	2.61	
For Stacked Bond, Add	1.90	
For Grout And Fill With 2 #5 Rebar, Add	6.80	
For Curved Wall Application, Add	1.46	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.20	
04 22 23 29-0011 SF 8" x 16" x 8" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks .....	11.43	
For Special Color, Add	3.08	
For Stacked Bond, Add	2.01	
For Grout And Fill With 2 #5 Rebar, Add	7.57	
For Curved Wall Application, Add	1.54	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.86	
04 22 23 29-0012 SF 8" x 16" x 10" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks .....	12.30	
For Special Color, Add	3.42	
For Stacked Bond, Add	2.13	
For Grout And Fill With 2 #5 Rebar, Add	8.21	
For Curved Wall Application, Add	1.64	
For Small Area Replacements (Individual Areas) <10 SF, Add	12.58	
04 22 23 29-0013 SF 8" x 16" x 12" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks .....	13.98	
For Special Color, Add	3.30	
For Stacked Bond, Add	2.60	
For Grout And Fill With 2 #5 Rebar, Add	8.98	
For Curved Wall Application, Add	2.00	
For Small Area Replacements (Individual Areas) <10 SF, Add	15.31	
<b>04 22 23 29-0014 Profile Units, Split Rib Concrete Block</b> (04 22 23 29)		
<b>04 22 23 29-0015 1" Deep Ribs, Profile Units, Split Rib Concrete Block</b> (04 22 23 29-0014)		
04 22 23 29-0016 SF 8" x 16" x 4", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	8.52	
For Special Color, Add	1.68	
For Stacked Bond, Add	1.69	
For Scored Block, Add	0.41	
For Curved Wall Application, Add	1.30	
For Small Area Replacements (Individual Areas) <10 SF, Add	9.89	
04 22 23 29-0017 SF 8" x 16" x 6", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	10.24	
For Special Color, Add	2.43	
For Stacked Bond, Add	1.90	
For Scored Block, Add	0.59	
For Curved Wall Application, Add	1.46	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.18	
04 22 23 29-0018 SF 8" x 16" x 8", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	10.90	
For Special Color, Add	2.64	
For Stacked Bond, Add	2.01	
For Scored Block, Add	0.64	
For Curved Wall Application, Add	1.54	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.82	
04 22 23 29-0019 SF 8" x 16" x 10", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	11.65	
For Special Color, Add	2.88	
For Stacked Bond, Add	2.13	
For Scored Block, Add	0.69	
For Curved Wall Application, Add	1.64	
For Small Area Replacements (Individual Areas) <10 SF, Add	12.53	
04 22 23 29-0020 SF 8" x 16" x 12", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	13.81	
For Special Color, Add	3.15	
For Stacked Bond, Add	2.60	
For Scored Block, Add	0.76	
For Curved Wall Application, Add	2.00	
For Small Area Replacements (Individual Areas) <10 SF, Add	15.30	
<b>04 22 23 31 Glazed Concrete Masonry Unit</b> (04 22 23)		
Note: Includes concrete block and mortar.		
<b>04 22 23 31-0001 One Glazed Face Concrete Blocks</b> (04 22 23 31)		
<b>04 22 23 31-0002 One Glazed Face Concrete Blocks</b> (04 22 23 31-0001)		
04 22 23 31-0003 SF 4" Thick, One Glazed Face Concrete Block.....	16.04	
For Special Shapes, Add	9.75	
04 22 23 31-0004 SF 6" Thick, One Glazed Face Concrete Block.....	17.14	
For Special Shapes, Add	10.21	
04 22 23 31-0005 SF 8" Thick, One Glazed Face Concrete Block.....	18.16	
For Special Shapes, Add	10.85	
04 22 23 31-0006 SF 10" Thick, One Glazed Face Concrete Block.....	19.24	
For Special Shapes, Add	11.52	
04 22 23 31-0007 SF 12" Thick, One Glazed Face Concrete Block.....	21.51	
For Special Shapes, Add	12.08	

<b>04</b>	<b>Masonry</b>
<b>04 20</b>	<b>Unit Masonry</b>
<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0008			Two Glazed Faces Concrete Blocks (04 22 23 31)		
04 22 23 31-0009			Two Glazed Faces Concrete Blocks (04 22 23 31-0008)		
04 22 23 31-0010	SF		4" Thick, Two Glazed Faces Concrete Block.....	21.66	
			For Special Shapes, Add	14.48	
04 22 23 31-0011	SF		6" Thick, Two Glazed Faces Concrete Block.....	22.68	
			For Special Shapes, Add	14.96	
04 22 23 31-0012	SF		8" Thick, Two Glazed Faces Concrete Block.....	24.12	
			For Special Shapes, Add	15.60	
04 22 23 31-0013			Glazed Cove Base Concrete Blocks (04 22 23 31)		
04 22 23 31-0014	LF		2" Thick, Glazed Cove Base Concrete Block.....	16.91	
			For Special Shapes, Add	8.73	
04 22 23 31-0015	LF		4" Thick, Glazed Cove Base Concrete Block.....	17.80	
			For Special Shapes, Add	8.91	
04 22 23 31-0016	LF		6" Thick, Glazed Cove Base Concrete Block.....	19.02	
			For Special Shapes, Add	9.29	
04 22 23 31-0017	LF		8" Thick, Glazed Cove Base Concrete Block.....	20.24	
			For Special Shapes, Add	9.75	
04 22 23 31-0018			Glazed Corner, Bullnose Or Square Concrete Blocks (04 22 23 31)		
04 22 23 31-0019	EA		2" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	23.22	
			For Special Shapes, Add	16.73	
04 22 23 31-0020	EA		4" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	27.18	
			For Special Shapes, Add	20.00	
04 22 23 31-0021	EA		6" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	28.96	
			For Special Shapes, Add	21.10	
04 22 23 31-0022	EA		8" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	30.40	
			For Special Shapes, Add	22.22	
04 22 23 31-0023	EA		10" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	47.55	
			For Special Shapes, Add	39.03	
04 22 23 31-0024	EA		12" Thick, Glazed Corner, Bullnose Or Square Concrete Block.....	54.10	
			For Special Shapes, Add	43.64	
04 23			Glass Unit Masonry (04 20)		
04 23 13			Vertical Glass Unit Masonry (04 23)		
			Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.		
04 23 13 00-0001			Glass Block Unit Masonry (04 23 13)		
04 23 13 00-0002	SF		6" x 6" x 4" Plain Glass Block.....	32.81	
			For Solar Reflective (Suntrol) Blocks, Add	5.69	
			For Essex (Horizontal Striated) Blocks, Add	3.25	
			For Sculptured Or Patterned Blocks, Add	5.69	
			For Colored Glass, Add	16.25	
			For Thinline Block, Deduct	-4.06	
			For >1,000 To 5,000, Deduct	-2.46	
			For >5,000, Deduct	-4.09	
04 23 13 00-0003	SF		8" x 8" x 4" Plain Glass Block.....	23.68	
			For Solar Reflective (Suntrol) Blocks, Add	4.03	
			For Essex (Horizontal Striated) Blocks, Add	2.30	
			For Sculptured Or Patterned Blocks, Add	4.03	
			For Colored Glass, Add	11.51	
			For Thinline Block, Deduct	-2.88	
			For >1,000 To 5,000, Deduct	-1.78	
			For >5,000, Deduct	-2.96	
04 23 13 00-0004	SF		12" x 12" x 4" Plain Glass Block.....	25.90	
			For Solar Reflective (Suntrol) Blocks, Add	5.15	
			For Essex (Horizontal Striated) Blocks, Add	2.94	
			For Sculptured Or Patterned Blocks, Add	5.15	
			For Colored Glass, Add	14.70	
			For Thinline Block, Deduct	-3.68	
			For >1,000 To 5,000, Deduct	-1.85	
			For >5,000, Deduct	-3.14	
04 23 13 00-0005			Solid Glass Block (Vistabrik®) (04 23 13)		
04 23 13 00-0006	SF		3" x 8" x 3" Solid Glass Block (Vistabrik®).....	288.92	
04 23 13 00-0007	SF		4" x 8" x 3" Solid Glass Block (Vistabrik®).....	219.89	
04 23 13 00-0008	SF		6" x 8" x 3" Solid Glass Block (Vistabrik®).....	151.70	
04 23 13 00-0009	SF		8" x 8" x 3" Solid Glass Block (Vistabrik®).....	106.38	
04 26			Single-Wythe Unit Masonry (04 20)		
04 26 13			Masonry Veneer (04 26)		
04 26 13 00-0001			Brick Veneer And Accessories (04 26 13)		





<b>Masonry</b>	<b>04</b>	<b>04</b>
Unit Masonry	04 20	
Single-Wythe Unit Masonry	04 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 26 13 00-0002 Brick Stretchers</b> (04 26 13 00-0001)		
04 26 13 00-0003 SF 1/2" x 2-1/4" x 7-5/8" Brick Veneer, Stretcher, Smooth Finish ..... <i>For Sand Finish, Deduct</i> <i>For Wire Cut Finish, Add</i>	10.42 -0.81 0.72	0.71
04 26 13 00-0004 SF 1/2" x 3-5/8" x 7-5/8" Brick Veneer, Stretcher, Smooth Finish ..... <i>For Sand Finish, Deduct</i> <i>For Wire Cut Finish, Add</i>	10.60 -0.81 0.72	0.80
04 26 13 00-0005 SF 1/2" x 3-5/8" x 11-5/8" Brick Veneer, Stretcher, Smooth Finish ..... <i>For Sand Finish, Deduct</i> <i>For Wire Cut Finish, Add</i>	10.83 -0.81 0.72	0.92
<b>04 26 13 00-0006 Brick Corners</b> (04 26 13 00-0001)		
04 26 13 00-0007 LF 1/2" x 2-1/4" x 7-5/8" Brick Veneer, Smooth Finish, Corner .....	18.57	2.12
04 26 13 00-0008 LF 1/2" x 3-5/8" x 7-5/8" Brick Veneer, Smooth Finish, Corner .....	16.19	2.12
<b>04 26 13 00-0009 Brick Caps And Sills</b> (04 26 13 00-0001)		
04 26 13 00-0010 LF 1" x 3 7/8" Brick Veneer, Smooth, Rolok Sill With Bracket.....	14.51	2.58
04 26 13 00-0011 EA 3-5/8" x 2-1/4" x 7-5/8" Brick Veneer Edge Cap.....	8.49	1.07
04 26 13 00-0012 EA 3-5/8" x 2-1/4" x 7-5/8" Brick Veneer Corner Edge Cap, L or R.....	14.76	1.07
<b>04 26 13 00-0013 Brick Veneer Accessories</b> (04 26 13 00-0001)		
04 26 13 00-0014 LF 2-7/8" Brick Veneer, Starter Angle.....	4.16	0.41
04 26 13 00-0015 LF 3-5/8" Brick Veneer, Top Side Angle .....	4.40	0.41
<b>04 40 Stone Assemblies</b> (04)		
Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.		
<b>04 41 Dry-Placed Stone</b> (04 40)		
<b>04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone</b> (04 41)		
04 41 00 00-0002 SF 4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	24.46	4.94
04 41 00 00-0003 SF 6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone .....	25.10	4.94
<b>04 42 Exterior Stone Cladding</b> (04 40)		
<b>04 42 43 Stone Panels For Curtain Walls</b> (04 42)		
<b>04 42 43 00-0001 Marble Facing Panels</b> (04 42 43)		
Note: 3' x 1.5'		
04 42 43 00-0002 SF 3/4" Thick Marble Facing Panels .....	40.81	8.64
04 42 43 00-0003 SF 7/8" Thick Marble Facing Panels .....	43.30	8.76
04 42 43 00-0004 SF 1-1/2" Thick Marble Facing Panels .....	50.60	8.92
04 42 43 00-0005 SF 2" Thick Marble Facing Panels .....	55.90	9.21
04 42 43 00-0006 SF 2-1/4" Thick Marble Facing Panels .....	59.60	9.76
04 42 43 00-0007 CF Marble Face Panel.....	255.98	31.79
<b>04 42 43 00-0008 Smooth Limestone Panels</b> (04 42 43)		
Note: Up to 12' x 5' panels.		
04 42 43 00-0009 SF 1-1/2" Thick Smooth Limestone Panels.....	33.15	17.34
04 42 43 00-0010 SF 2" Thick Smooth Limestone Panels .....	35.27	18.18
04 42 43 00-0011 SF 3" Thick Smooth Limestone Panels .....	37.54	19.02
04 42 43 00-0012 SF 4" Thick Smooth Limestone Panels .....	44.13	20.92
<b>04 42 43 00-0013 Sandstone Panels</b> (04 42 43)		
04 42 43 00-0014 SF 2-1/2" Thick Sandstone Panels.....	38.98	18.18
04 42 43 00-0015 SF 4" Thick Sandstone Panels.....	42.25	20.92
04 42 43 00-0016 SF Split Face Sandstone Panels, Random Sizes.....	37.84	20.92
<b>04 43 Stone Masonry</b> (04 40)		
<b>04 43 00 00-0001 Marble</b> (04 43)		
<b>04 43 00 00-0002 Marble Base</b> (04 43 00 00-0001)		
Note: 1" thick.		
04 43 00 00-0003 LF 4" High Marble Base.....	58.08	35.73
04 43 00 00-0004 LF 6" High Marble Base .....	66.33	38.92
<b>04 43 00 00-0005 Marble Columns</b> (04 43 00 00-0001)		
04 43 00 00-0006 CF Plain Faced Solid Marble Columns.....	171.57	31.79
04 43 00 00-0007 CF Fluted, Carved Solid Marble Columns .....	295.58	31.79

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 40</b>	<b>Stone Assemblies</b>
	<b>04 43</b>	<b>Stone Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>04 43 00 00-0008</b>	<b>Marble Flooring</b> <small>(04 43 00 00-0001)</small>		
04 43 00 00-0009	SF 3/8" Uniform Color Marble Flooring.....	16.78	8.18
04 43 00 00-0010	SF 1/2" Uniform Color Marble Flooring.....	18.16	8.18
04 43 00 00-0011	SF 1/2" Travertine Marble Flooring.....	21.90	9.35

<b>04 43 00 00-0012</b>	<b>Marble Items</b> <small>(04 43 00 00-0001)</small>		
04 43 00 00-0013	LF 12" Marble Stair Treads.....	46.71	12.75
04 43 00 00-0014	LF 6" Wide Marble Stair Risers.....	35.43	10.23
04 43 00 00-0015	LF 6" Wide x 2" Thick Marble Window Sills.....	20.91	7.65
04 43 00 00-0016	LF 5" Wide x 7/8" Thick Marble Window Stool, Polished.....	42.15	9.39
04 43 00 00-0017	SF 7/8" Thick, Non Skid, Marble Patio Blocks.....	22.15	11.86

<b>04 43 00 00-0018</b>	<b>Limestone</b> <small>(04 43)</small>		
<b>04 43 00 00-0019</b>	<b>Ashlar Veneer Limestone</b> <small>(04 43 00 00-0018)</small>		
04 43 00 00-0020	SF 4" Ashlar Veneer Limestone, Random Sizes.....	36.80	12.75
04 43 00 00-0021	SF 6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes.....	56.92	17.52
	<i>For High Lime Historic Mortar, Add</i>	<i>0.03</i>	

<b>04 43 00 00-0022</b>	<b>Limestone Coping</b> <small>(04 43 00 00-0018)</small>		
	<small>Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.</small>		
04 43 00 00-0023	SF 2-1/2" Thick Limestone Coping.....	17.42	4.46
04 43 00 00-0024	SF 3" Thick Limestone Coping.....	19.68	4.74
04 43 00 00-0025	SF 3-1/2" Thick Limestone Coping.....	21.93	5.02
04 43 00 00-0026	SF 4" Thick Limestone Coping.....	23.63	5.18
04 43 00 00-0027	SF 5" Thick Limestone Coping.....	27.60	5.30
04 43 00 00-0028	SF 6" Thick Limestone Coping.....	41.56	5.57
04 43 00 00-0029	CF >6" Thick Limestone Coping.....	68.58	11.62

<b>04 43 00 00-0030</b>	<b>Limestone Stair Treads</b> <small>(04 43 00 00-0018)</small>		
04 43 00 00-0031	SF 2" Thick Limestone Treads.....	20.10	4.18
04 43 00 00-0032	SF 2-1/2" Thick Limestone Treads.....	21.47	4.46
04 43 00 00-0033	SF 3" Thick Limestone Treads.....	24.19	4.74
04 43 00 00-0034	SF 3-1/2" Thick Limestone Treads.....	26.36	5.02
04 43 00 00-0035	SF 4" Thick Limestone Treads.....	28.54	5.02
04 43 00 00-0036	SF 5" Thick Limestone Treads.....	31.77	5.30
04 43 00 00-0037	SF 6" Thick Limestone Tread, Smooth Finish.....	45.61	5.57

<b>04 43 00 00-0038</b>	<b>Limestone Items</b> <small>(04 43 00 00-0018)</small>		
04 43 00 00-0039	CF Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	110.68	43.57

<b>04 43 00 00-0040</b>	<b>Granite</b> <small>(04 43)</small>		
<b>04 43 00 00-0041</b>	<b>Polished Granite Veneer Facing Panels</b> <small>(04 43 00 00-0040)</small>		
	<small>Note: Excludes structural support steel.</small>		
04 43 00 00-0042	SF 7/8" Thick Black Polished Granite Veneer Facing Panels.....	51.91	17.46
04 43 00 00-0043	SF 7/8" Thick Gray Polished Granite Veneer Facing Panels.....	47.38	17.46

<b>04 43 00 00-0044</b>	<b>Granite Stair Treads</b> <small>(04 43 00 00-0040)</small>		
04 43 00 00-0045	SF 2" Thick Granite Stair Tread.....	30.33	4.18

<b>04 43 00 00-0046</b>	<b>Slate</b> <small>(04 43)</small>		
<b>04 43 00 00-0047</b>	<b>Slate Panels Or Sills</b> <small>(04 43 00 00-0046)</small>		
04 43 00 00-0048	SF 1" Thick Slate Panels.....	34.46	17.46
04 43 00 00-0049	SF 2" Thick Slate Panels.....	41.70	17.46

<b>04 43 00 00-0050</b>	<b>Slate Sills Or Stools</b> <small>(04 43 00 00-0046)</small>		
04 43 00 00-0051	LF 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	16.19	7.70
04 43 00 00-0052	LF 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	20.80	7.70
04 43 00 00-0053	LF 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	20.15	7.70
04 43 00 00-0054	LF 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	30.03	7.70

<b>04 43 00 00-0055</b>	<b>Slate Stair Treads</b> <small>(04 43 00 00-0046)</small>		
04 43 00 00-0056	SF 2" Thick Slate Stair Tread.....	24.58	4.18



<b>Masonry</b>	<b>04</b>	<b>04</b>
Manufactured Masonry	04 70	
Stone Masonry	04 43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**04 70 Manufactured Masonry** (04)

**04 72 Cast Stone Masonry** (04 70)

**04 72 00 00-0001 Precast Concrete Lintels** (04 72)

**04 72 00 00-0002 Solid Precast Concrete Lintels** (04 72 00 00-0001)

04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel .....	8.92	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel .....	11.39	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel .....	14.09	

**04 72 00 00-0006 U Shaped Precast Concrete Lintels** (04 72 00 00-0001)

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel .....	9.56	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel .....	11.61	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel .....	19.17	

**04 72 00 00-0010 Precast Concrete Coping** (04 72)

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.

**04 72 00 00-0011 Precast Concrete Coping** (04 72 00 00-0010)

Note: Measured at highest point.

04 72 00 00-0012	SF	2" Thick Precast Concrete Coping .....	29.03	6.29
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping .....	32.95	6.78
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping .....	38.17	7.26
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping .....	41.21	7.75
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping .....	44.29	8.23
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping .....	52.87	8.71
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping .....	60.55	9.20

**04 72 00 00-0019 Precast Concrete Window Sills** (04 72)

Note: Includes caulk and ties.

**04 72 00 00-0020 Precast Concrete Window Sills** (04 72 00 00-0019)

04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill .....	21.38	4.84
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill .....	32.57	4.84
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill .....	38.69	4.84

**04 72 00 00-0024 Cast Stone Veneer** (04 72)

04 72 00 00-0025	SF	1" Thick Cast Stone Veneer .....	31.91	8.98
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**END OF SECTION 04**

04	<b>04</b>	<b>Masonry</b>
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 05 Metals

### 05 05 Common Work Results For Metals <sup>(05)</sup>

#### 05 05 19 Post-Installed Concrete Anchors <sup>(05 05)</sup>

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

#### 05 05 19 00-0001 Concrete And Masonry Anchors <sup>(05 05 19)</sup>

#### 05 05 19 00-0002 Expansion Anchors <sup>(05 05 19 00-0001)</sup>

Note: Includes drilling.

#### 05 05 19 00-0003 Wedge Expansion Bolt Anchors <sup>(05 05 19 00-0002)</sup>

#### 05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt <sup>(05 05 19 00-0003)</sup>

Note: Includes nut and washer.

05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	5.17		
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.48	
	For >100, Deduct		-0.97	
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	5.24		
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.49	
	For >100, Deduct		-0.97	
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	5.41		
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.50	
	For >100, Deduct		-1.00	
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	6.38		
	For >10 To 50, Deduct		-0.29	
	For >50 To 100, Deduct		-0.59	
	For >100, Deduct		-1.18	
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	6.43		
	For >10 To 50, Deduct		-0.29	
	For >50 To 100, Deduct		-0.59	
	For >100, Deduct		-1.19	
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	6.45		
	For >10 To 50, Deduct		-0.29	
	For >50 To 100, Deduct		-0.59	
	For >100, Deduct		-1.19	
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	6.65		
	For >10 To 50, Deduct		-0.29	
	For >50 To 100, Deduct		-0.60	
	For >100, Deduct		-1.20	
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	9.30		
	For >10 To 50, Deduct		-0.41	
	For >50 To 100, Deduct		-0.85	
	For >100, Deduct		-1.69	
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	9.34		
	For >10 To 50, Deduct		-0.41	
	For >50 To 100, Deduct		-0.85	
	For >100, Deduct		-1.70	
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	9.42		
	For >10 To 50, Deduct		-0.41	
	For >50 To 100, Deduct		-0.85	
	For >100, Deduct		-1.70	
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	9.64		
	For >10 To 50, Deduct		-0.41	
	For >50 To 100, Deduct		-0.86	
	For >100, Deduct		-1.71	
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	9.94		
	For >10 To 50, Deduct		-0.41	
	For >50 To 100, Deduct		-0.86	
	For >100, Deduct		-1.73	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.36		
	For >10 To 50, Deduct		-0.51	
	For >50 To 100, Deduct		-1.07	
	For >100, Deduct		-2.14	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.42		
	For >10 To 50, Deduct		-0.51	
	For >50 To 100, Deduct		-1.07	
	For >100, Deduct		-2.14	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.56		
	For >10 To 50, Deduct		-0.51	
	For >50 To 100, Deduct		-1.07	
	For >100, Deduct		-2.15	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.83		
	For >10 To 50, Deduct		-0.51	
	For >50 To 100, Deduct		-1.08	
	For >100, Deduct		-2.16	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	13.10		
	For >10 To 50, Deduct		-0.51	
	For >50 To 100, Deduct		-1.09	
	For >100, Deduct		-2.17	

**05 Metals****05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	15.23	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.14	
			<i>For &gt;100, Deduct</i>	-2.28	
05 05 19 00-0023	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	17.06	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.19	
			<i>For &gt;100, Deduct</i>	-2.37	
05 05 19 00-0024	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	14.98	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100, Deduct</i>	-2.55	
05 05 19 00-0025	EA		3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	15.04	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100, Deduct</i>	-2.56	
05 05 19 00-0026	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	15.37	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.29	
			<i>For &gt;100, Deduct</i>	-2.57	
05 05 19 00-0027	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	15.76	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100, Deduct</i>	-2.59	
05 05 19 00-0028	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	16.21	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.31	
			<i>For &gt;100, Deduct</i>	-2.62	
05 05 19 00-0029	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	17.92	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.35	
			<i>For &gt;100, Deduct</i>	-2.70	
05 05 19 00-0030	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	20.19	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.41	
			<i>For &gt;100, Deduct</i>	-2.82	
05 05 19 00-0031	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	22.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.47	
			<i>For &gt;100, Deduct</i>	-2.94	
05 05 19 00-0032	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	21.52	
			<i>For &gt;10 To 50, Deduct</i>	-0.65	
			<i>For &gt;50 To 100, Deduct</i>	-1.52	
			<i>For &gt;100, Deduct</i>	-3.04	
05 05 19 00-0033	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	22.86	
			<i>For &gt;10 To 50, Deduct</i>	-0.65	
			<i>For &gt;50 To 100, Deduct</i>	-1.55	
			<i>For &gt;100, Deduct</i>	-3.10	
05 05 19 00-0034	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	24.65	
			<i>For &gt;10 To 50, Deduct</i>	-0.65	
			<i>For &gt;50 To 100, Deduct</i>	-1.60	
			<i>For &gt;100, Deduct</i>	-3.19	
05 05 19 00-0035	EA		1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	26.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-1.93	
			<i>For &gt;100, Deduct</i>	-3.85	
05 05 19 00-0036	EA		1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	28.84	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-1.99	
			<i>For &gt;100, Deduct</i>	-3.98	
05 05 19 00-0037	EA		1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.35	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-2.05	
			<i>For &gt;100, Deduct</i>	-4.10	
05 05 19 00-0038	EA		1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	34.43	
			<i>For &gt;10 To 50, Deduct</i>	-1.08	
			<i>For &gt;50 To 100, Deduct</i>	-2.48	
			<i>For &gt;100, Deduct</i>	-4.97	
05 05 19 00-0039	EA		1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	36.24	
			<i>For &gt;10 To 50, Deduct</i>	-1.08	
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100, Deduct</i>	-5.06	
05 05 19 00-0040			<b>304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0003)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0041	EA		1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	5.68	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-1.00	
05 05 19 00-0042	EA		1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	5.90	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-1.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043 EA 1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	6.15	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.52	
<i>For &gt;100, Deduct</i>	-1.04	
05 05 19 00-0044 EA 3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	7.35	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.62	
<i>For &gt;100, Deduct</i>	-1.23	
05 05 19 00-0045 EA 3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	7.53	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.62	
<i>For &gt;100, Deduct</i>	-1.24	
05 05 19 00-0046 EA 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	7.67	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.62	
<i>For &gt;100, Deduct</i>	-1.25	
05 05 19 00-0047 EA 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.69	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.65	
<i>For &gt;100, Deduct</i>	-1.30	
05 05 19 00-0048 EA 1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.49	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.90	
<i>For &gt;100, Deduct</i>	-1.80	
05 05 19 00-0049 EA 1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.84	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.91	
<i>For &gt;100, Deduct</i>	-1.82	
05 05 19 00-0050 EA 1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.05	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.92	
<i>For &gt;100, Deduct</i>	-1.83	
05 05 19 00-0051 EA 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.97	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.94	
<i>For &gt;100, Deduct</i>	-1.88	
05 05 19 00-0052 EA 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.37	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.97	
<i>For &gt;100, Deduct</i>	-1.95	
05 05 19 00-0053 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	16.81	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.18	
<i>For &gt;100, Deduct</i>	-2.36	
05 05 19 00-0054 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.72	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.20	
<i>For &gt;100, Deduct</i>	-2.40	
05 05 19 00-0055 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.70	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.23	
<i>For &gt;100, Deduct</i>	-2.45	
05 05 19 00-0056 EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.00	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.26	
<i>For &gt;100, Deduct</i>	-2.52	
05 05 19 00-0057 EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	25.74	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.40	
<i>For &gt;100, Deduct</i>	-2.81	
05 05 19 00-0058 EA 3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.06	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.40	
<i>For &gt;100, Deduct</i>	-2.81	
05 05 19 00-0059 EA 3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.91	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.45	
<i>For &gt;100, Deduct</i>	-2.90	
05 05 19 00-0060 EA 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.48	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.49	
<i>For &gt;100, Deduct</i>	-2.98	
05 05 19 00-0061 EA 3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.68	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.49	
<i>For &gt;100, Deduct</i>	-2.99	
05 05 19 00-0062 EA 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	25.15	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.53	
<i>For &gt;100, Deduct</i>	-3.06	
05 05 19 00-0063 EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.00	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.63	
<i>For &gt;100, Deduct</i>	-3.26	

**05 Metals****05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.76	
			<i>For &gt;100, Deduct</i>	-3.53	
05 05 19 00-0065	EA		7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.45	
			<i>For &gt;10 To 50, Deduct</i>	-0.65	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100, Deduct</i>	-3.68	
05 05 19 00-0066	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	50.43	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100, Deduct</i>	-5.06	
05 05 19 00-0067	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	58.45	
			<i>For &gt;10 To 50, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-2.73	
			<i>For &gt;100, Deduct</i>	-5.46	
<b>05 05 19 00-0068</b>			<b>316 Stainless Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0003)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0069	EA		1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	5.86	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-1.00	
05 05 19 00-0070	EA		1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	6.23	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.52	
			<i>For &gt;100, Deduct</i>	-1.04	
05 05 19 00-0071	EA		3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	7.95	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100, Deduct</i>	-1.26	
05 05 19 00-0072	EA		3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.27	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.64	
			<i>For &gt;100, Deduct</i>	-1.28	
05 05 19 00-0073	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.36	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.64	
			<i>For &gt;100, Deduct</i>	-1.28	
05 05 19 00-0074	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	9.89	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100, Deduct</i>	-1.36	
05 05 19 00-0075	EA		1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.96	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100, Deduct</i>	-1.88	
05 05 19 00-0076	EA		1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.85	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.96	
			<i>For &gt;100, Deduct</i>	-1.92	
05 05 19 00-0077	EA		1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.47	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-1.00	
			<i>For &gt;100, Deduct</i>	-2.00	
05 05 19 00-0078	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.88	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-1.01	
			<i>For &gt;100, Deduct</i>	-2.02	
05 05 19 00-0079	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.78	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100, Deduct</i>	-2.61	
05 05 19 00-0080	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	22.26	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.32	
			<i>For &gt;100, Deduct</i>	-2.63	
05 05 19 00-0081	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	27.01	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.58	
			<i>For &gt;100, Deduct</i>	-3.16	
05 05 19 00-0082	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.03	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.63	
			<i>For &gt;100, Deduct</i>	-3.26	
<b>05 05 19 00-0083</b>			<b>Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0003)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0084	EA		1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	11.03	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.89	
			<i>For &gt;100, Deduct</i>	-1.78	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085 EA 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	11.78	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-0.91	
For >100, Deduct	-1.82	
05 05 19 00-0086 EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	12.53	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-0.93	
For >100, Deduct	-1.86	
05 05 19 00-0087 EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	12.91	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-0.94	
For >100, Deduct	-1.87	
05 05 19 00-0088 EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	15.51	
For >10 To 50, Deduct	-0.51	
For >50 To 100, Deduct	-1.15	
For >100, Deduct	-2.29	
05 05 19 00-0089 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	14.61	
For >10 To 50, Deduct	-0.51	
For >50 To 100, Deduct	-1.12	
For >100, Deduct	-2.25	
05 05 19 00-0090 EA 3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	20.42	
For >10 To 50, Deduct	-0.60	
For >50 To 100, Deduct	-1.41	
For >100, Deduct	-2.83	
05 05 19 00-0091 EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	21.25	
For >10 To 50, Deduct	-0.60	
For >50 To 100, Deduct	-1.43	
For >100, Deduct	-2.87	
05 05 19 00-0092 EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	25.31	
For >10 To 50, Deduct	-0.60	
For >50 To 100, Deduct	-1.54	
For >100, Deduct	-3.07	
05 05 19 00-0093 EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	25.54	
For >10 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-1.91	
For >100, Deduct	-3.81	
05 05 19 00-0094 EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	27.87	
For >10 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-1.97	
For >100, Deduct	-3.93	
05 05 19 00-0095 EA 1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	30.19	
For >10 To 50, Deduct	-0.85	
For >50 To 100, Deduct	-2.02	
For >100, Deduct	-4.05	
<b>05 05 19 00-0096 Concrete Sleeve Anchors (05 05 19 00-0002)</b>		
<b>05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors (05 05 19 00-0096)</b>		
Note: Includes nut and washer.		
05 05 19 00-0098 EA 1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	5.16	
For >10 To 50, Deduct	-0.24	
For >50 To 100, Deduct	-0.49	
For >100, Deduct	-0.98	
05 05 19 00-0099 EA 1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	5.25	
For >10 To 50, Deduct	-0.24	
For >50 To 100, Deduct	-0.49	
For >100, Deduct	-0.99	
05 05 19 00-0100 EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	5.37	
For >10 To 50, Deduct	-0.24	
For >50 To 100, Deduct	-0.50	
For >100, Deduct	-0.99	
05 05 19 00-0101 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	5.45	
For >10 To 50, Deduct	-0.25	
For >50 To 100, Deduct	-0.52	
For >100, Deduct	-1.04	
05 05 19 00-0102 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	5.54	
For >10 To 50, Deduct	-0.25	
For >50 To 100, Deduct	-0.52	
For >100, Deduct	-1.04	
05 05 19 00-0103 EA 3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	6.18	
For >10 To 50, Deduct	-0.29	
For >50 To 100, Deduct	-0.59	
For >100, Deduct	-1.17	
05 05 19 00-0104 EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	6.34	
For >10 To 50, Deduct	-0.29	
For >50 To 100, Deduct	-0.59	
For >100, Deduct	-1.18	
05 05 19 00-0105 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	6.49	
For >10 To 50, Deduct	-0.29	
For >50 To 100, Deduct	-0.59	
For >100, Deduct	-1.19	
05 05 19 00-0106 EA 1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	8.94	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-0.84	
For >100, Deduct	-1.67	

**05 Metals****05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	9.14	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.84	
			<i>For &gt;100, Deduct</i>	-1.68	
05 05 19 00-0108	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	9.32	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100, Deduct</i>	-1.69	
05 05 19 00-0109	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	9.53	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100, Deduct</i>	-1.70	
05 05 19 00-0110	EA		5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	11.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.04	
			<i>For &gt;100, Deduct</i>	-2.08	
05 05 19 00-0111	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	11.61	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.05	
			<i>For &gt;100, Deduct</i>	-2.10	
05 05 19 00-0112	EA		5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	11.84	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.06	
			<i>For &gt;100, Deduct</i>	-2.11	
05 05 19 00-0113	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	12.51	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.07	
			<i>For &gt;100, Deduct</i>	-2.14	
05 05 19 00-0114	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	13.99	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.25	
			<i>For &gt;100, Deduct</i>	-2.50	
05 05 19 00-0115	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	14.57	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.27	
			<i>For &gt;100, Deduct</i>	-2.53	
05 05 19 00-0116	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	15.09	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100, Deduct</i>	-2.56	
05 05 19 00-0117	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	15.92	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100, Deduct</i>	-2.60	
<b>05 05 19 00-0118</b>			<b>304/18-8 Stainless Steel, Concrete Sleeve Anchors</b> <small>(05 05 19 00-0096)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0119	EA		1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	6.00	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.51	
			<i>For &gt;100, Deduct</i>	-1.03	
05 05 19 00-0120	EA		3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	7.94	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100, Deduct</i>	-1.26	
05 05 19 00-0121	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	8.80	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.65	
			<i>For &gt;100, Deduct</i>	-1.30	
05 05 19 00-0122	EA		1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	11.87	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100, Deduct</i>	-1.82	
05 05 19 00-0123	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	13.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.95	
			<i>For &gt;100, Deduct</i>	-1.90	
05 05 19 00-0124	EA		5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	18.56	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.22	
			<i>For &gt;100, Deduct</i>	-2.45	
<b>05 05 19 00-0125</b>			<b>Concrete Strike Anchors</b> <small>(05 05 19 00-0002)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0126	EA		1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	5.63	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-1.01	
05 05 19 00-0127	EA		1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor .....	5.79	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.51	
			<i>For &gt;100, Deduct</i>	-1.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128 EA 5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	6.04	
<i>For &gt;10 To 50, Deduct</i>	-0.25	
<i>For &gt;50 To 100, Deduct</i>	-0.53	
<i>For &gt;100, Deduct</i>	-1.07	
05 05 19 00-0129 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	6.71	
<i>For &gt;10 To 50, Deduct</i>	-0.25	
<i>For &gt;50 To 100, Deduct</i>	-0.55	
<i>For &gt;100, Deduct</i>	-1.10	
05 05 19 00-0130 EA 3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor .....	6.91	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.60	
<i>For &gt;100, Deduct</i>	-1.21	
05 05 19 00-0131 EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor .....	7.42	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.62	
<i>For &gt;100, Deduct</i>	-1.24	
05 05 19 00-0132 EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor .....	7.81	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.63	
<i>For &gt;100, Deduct</i>	-1.25	
05 05 19 00-0133 EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	10.20	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.87	
<i>For &gt;100, Deduct</i>	-1.74	
05 05 19 00-0134 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor .....	10.50	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.88	
<i>For &gt;100, Deduct</i>	-1.75	
05 05 19 00-0135 EA 1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	11.39	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.90	
<i>For &gt;100, Deduct</i>	-1.80	
05 05 19 00-0136 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	12.54	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.93	
<i>For &gt;100, Deduct</i>	-1.85	
05 05 19 00-0137 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	13.96	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.11	
<i>For &gt;100, Deduct</i>	-2.22	
05 05 19 00-0138 EA 5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	15.02	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.13	
<i>For &gt;100, Deduct</i>	-2.27	
05 05 19 00-0139 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	15.96	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.16	
<i>For &gt;100, Deduct</i>	-2.32	
05 05 19 00-0140 EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor .....	18.42	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.36	
<i>For &gt;100, Deduct</i>	-2.73	
05 05 19 00-0141 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	19.41	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.39	
<i>For &gt;100, Deduct</i>	-2.78	
 05 05 19 00-0142 Multi-Set Drop-In Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors <small>(05 05 19 00-0142)</small>		
Note: Excludes bolt, nut and washer.		
05 05 19 00-0144 EA 1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor .....	7.16	
<i>For &gt;10 To 50, Deduct</i>	-0.34	
<i>For &gt;50 To 100, Deduct</i>	-0.68	
<i>For &gt;100, Deduct</i>	-1.37	
05 05 19 00-0145 EA 3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor .....	8.77	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.84	
<i>For &gt;100, Deduct</i>	-1.67	
05 05 19 00-0146 EA 1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor .....	10.87	
<i>For &gt;10 To 50, Deduct</i>	-0.48	
<i>For &gt;50 To 100, Deduct</i>	-1.00	
<i>For &gt;100, Deduct</i>	-2.00	
05 05 19 00-0147 EA 5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor .....	12.51	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-1.11	
<i>For &gt;100, Deduct</i>	-2.22	
05 05 19 00-0148 EA 3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor .....	15.32	
<i>For &gt;10 To 50, Deduct</i>	-0.61	
<i>For &gt;50 To 100, Deduct</i>	-1.29	
<i>For &gt;100, Deduct</i>	-2.58	
 05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors <small>(05 05 19 00-0142)</small>		
Note: Excludes bolt, nut and washer.		

**05 Metals****05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA		1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	8.92	
			<i>For &gt;10 To 50, Deduct</i>	-0.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.73	
			<i>For &gt;100, Deduct</i>	-1.46	
05 05 19 00-0151	EA		3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	12.13	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.92	
			<i>For &gt;100, Deduct</i>	-1.84	
05 05 19 00-0152	EA		1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	15.24	
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.11	
			<i>For &gt;100, Deduct</i>	-2.22	
05 05 19 00-0153	EA		5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	19.54	
			<i>For &gt;10 To 50, Deduct</i>	-0.53	
			<i>For &gt;50 To 100, Deduct</i>	-1.29	
			<i>For &gt;100, Deduct</i>	-2.57	
05 05 19 00-0154	EA		3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	27.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.61	
			<i>For &gt;50 To 100, Deduct</i>	-1.59	
			<i>For &gt;100, Deduct</i>	-3.19	
<b>05 05 19 00-0155</b>			<b>Single Bolt Expansion Anchors</b> (05 05 19 00-0002)		
			Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA		1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	5.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-0.99	
05 05 19 00-0157	EA		5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	5.72	
			<i>For &gt;10 To 50, Deduct</i>	-0.25	
			<i>For &gt;50 To 100, Deduct</i>	-0.52	
			<i>For &gt;100, Deduct</i>	-1.05	
05 05 19 00-0158	EA		3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	6.46	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100, Deduct</i>	-1.19	
05 05 19 00-0159	EA		1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	9.53	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100, Deduct</i>	-1.70	
05 05 19 00-0160	EA		5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	13.83	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.10	
			<i>For &gt;100, Deduct</i>	-2.21	
05 05 19 00-0161	EA		3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	16.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.32	
			<i>For &gt;100, Deduct</i>	-2.64	
<b>05 05 19 00-0162</b>			<b>Concrete Lag Shield Anchors</b> (05 05 19 00-0002)		
			Note: Excludes lag bolt and washer.		
05 05 19 00-0163	EA		1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	5.34	
			<i>For &gt;10 To 50, Deduct</i>	-0.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-0.99	
05 05 19 00-0164	EA		5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	6.37	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100, Deduct</i>	-1.18	
05 05 19 00-0165	EA		3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	6.77	
			<i>For &gt;10 To 50, Deduct</i>	-0.29	
			<i>For &gt;50 To 100, Deduct</i>	-0.60	
			<i>For &gt;100, Deduct</i>	-1.20	
05 05 19 00-0166	EA		1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	9.51	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100, Deduct</i>	-1.70	
05 05 19 00-0167	EA		5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	13.20	
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.09	
			<i>For &gt;100, Deduct</i>	-2.18	
05 05 19 00-0168	EA		3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	14.46	
			<i>For &gt;10 To 50, Deduct</i>	-0.60	
			<i>For &gt;50 To 100, Deduct</i>	-1.26	
			<i>For &gt;100, Deduct</i>	-2.53	
<b>05 05 19 00-0169</b>			<b>Chemical And Adhesive Anchors</b> (05 05 19 00-0001)		
<b>05 05 19 00-0170</b>			<b>Chemically Adhered Anchor Rods</b> (05 05 19 00-0169)		
			Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171 EA 1/4" x 1-9/16" Long Chemically Adhered Anchor Rod .....	7.20	
<i>For &gt;10 To 50, Deduct</i>	-0.27	
<i>For &gt;50 To 100, Deduct</i>	-0.58	
<i>For &gt;100, Deduct</i>	-1.16	
05 05 19 00-0172 EA 5/16" x 2-3/8" Long Chemically Adhered Anchor Rod .....	8.56	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.65	
<i>For &gt;100, Deduct</i>	-1.30	
05 05 19 00-0173 EA 3/8" x 2-3/4" Long Chemically Adhered Anchor Rod .....	10.59	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.81	
<i>For &gt;100, Deduct</i>	-1.62	
05 05 19 00-0174 EA 1/2" x 3-11/16" Long Chemically Adhered Anchor Rod .....	12.57	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.93	
<i>For &gt;100, Deduct</i>	-1.86	
05 05 19 00-0175 EA 1/2" x 5-1/2" Long Chemically Adhered Anchor Rod .....	13.57	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.95	
<i>For &gt;100, Deduct</i>	-1.91	
05 05 19 00-0176 EA 5/8" x 7" Long Chemically Adhered Anchor Rod.....	16.81	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.18	
<i>For &gt;100, Deduct</i>	-2.36	
05 05 19 00-0177 EA 3/4" x 9-1/2" Long Chemically Adhered Anchor Rod .....	22.40	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.46	
<i>For &gt;100, Deduct</i>	-2.92	
05 05 19 00-0178 EA 7/8" x 10" Long Chemically Adhered Anchor Rod.....	27.20	
<i>For &gt;10 To 50, Deduct</i>	-0.65	
<i>For &gt;50 To 100, Deduct</i>	-1.66	
<i>For &gt;100, Deduct</i>	-3.31	
05 05 19 00-0179 EA 1" x 11-3/4" Long Chemically Adhered Anchor Rod .....	37.64	
<i>For &gt;10 To 50, Deduct</i>	-0.85	
<i>For &gt;50 To 100, Deduct</i>	-2.21	
<i>For &gt;100, Deduct</i>	-4.42	
05 05 19 00-0180 EA 1-1/4" x 14" Long Chemically Adhered Anchor Rod .....	55.56	
<i>For &gt;10 To 50, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-2.99	
<i>For &gt;100, Deduct</i>	-5.97	
<b>05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod</b> <small>(05 05 19 00-0169)</small>		
<small>Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.</small>		
05 05 19 00-0182 EA 1/4" Chemical Adhesive For Bolt Or Threaded Rod .....	5.55	
<i>For &gt;10 To 50, Deduct</i>	-0.27	
<i>For &gt;50 To 100, Deduct</i>	-0.54	
<i>For &gt;100, Deduct</i>	-1.08	
05 05 19 00-0183 EA 5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	6.11	
<i>For &gt;10 To 50, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.59	
<i>For &gt;100, Deduct</i>	-1.18	
05 05 19 00-0184 EA 3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	7.65	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100, Deduct</i>	-1.47	
05 05 19 00-0185 EA 1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	8.73	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.83	
<i>For &gt;100, Deduct</i>	-1.66	
05 05 19 00-0186 EA 5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	11.45	
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.05	
<i>For &gt;100, Deduct</i>	-2.09	
05 05 19 00-0187 EA 3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.36	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.26	
<i>For &gt;100, Deduct</i>	-2.52	
05 05 19 00-0188 EA 7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	16.13	
<i>For &gt;10 To 50, Deduct</i>	-0.65	
<i>For &gt;50 To 100, Deduct</i>	-1.38	
<i>For &gt;100, Deduct</i>	-2.76	
05 05 19 00-0189 EA 1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	21.56	
<i>For &gt;10 To 50, Deduct</i>	-0.85	
<i>For &gt;50 To 100, Deduct</i>	-1.81	
<i>For &gt;100, Deduct</i>	-3.61	
05 05 19 00-0190 EA 1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	24.84	
<i>For &gt;10 To 50, Deduct</i>	-0.96	
<i>For &gt;50 To 100, Deduct</i>	-2.05	
<i>For &gt;100, Deduct</i>	-4.11	
05 05 19 00-0191 EA 1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	28.76	
<i>For &gt;10 To 50, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-2.32	
<i>For &gt;100, Deduct</i>	-4.63	

**05 Metals****05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0192	EA 1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	31.59	
	<i>For &gt;10 To 50, Deduct</i>	-1.11	
	<i>For &gt;50 To 100, Deduct</i>	-2.46	
	<i>For &gt;100, Deduct</i>	-4.92	
05 05 19 00-0193	EA 1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	35.65	
	<i>For &gt;10 To 50, Deduct</i>	-1.16	
	<i>For &gt;50 To 100, Deduct</i>	-2.63	
	<i>For &gt;100, Deduct</i>	-5.27	
05 05 19 00-0194	EA 1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	43.80	
	<i>For &gt;10 To 50, Deduct</i>	-1.26	
	<i>For &gt;50 To 100, Deduct</i>	-2.98	
	<i>For &gt;100, Deduct</i>	-5.97	
05 05 19 00-0195	EA 2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	63.38	
	<i>For &gt;10 To 50, Deduct</i>	-1.31	
	<i>For &gt;50 To 100, Deduct</i>	-3.55	
	<i>For &gt;100, Deduct</i>	-7.09	
<b>05 05 19 00-0196</b>	<b>Grout Concrete Anchor Bolt Or Threaded Rod</b> (05 05 19 00-0169)		
05 05 19 00-0197	EA Grout Concrete Anchor Bolt or Threaded Rod.....	2.34	
	<i>For &gt;10 To 50, Deduct</i>	-0.11	
	<i>For &gt;50 To 100, Deduct</i>	-0.23	
	<i>For &gt;100, Deduct</i>	-0.45	
<b>05 05 19 00-0198</b>	<b>Other Concrete And Masonry Anchors</b> (05 05 19 00-0001)		
<b>05 05 19 00-0199</b>	<b>Tapcon Masonry Screws</b> (05 05 19 00-0198)		
	Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA 3/16" x 1-1/4" Tapcon Masonry Screw.....	5.03	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.98	
05 05 19 00-0201	EA 3/16" x 2-1/4" Tapcon Masonry Screw.....	5.08	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.98	
05 05 19 00-0202	EA 3/16" x 3-1/4" Tapcon Masonry Screw.....	5.18	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.99	
05 05 19 00-0203	EA 1/4" x 1-1/4" Tapcon Masonry Screw.....	5.08	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.98	
05 05 19 00-0204	EA 1/4" x 2-1/4" Tapcon Masonry Screw.....	5.14	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.98	
05 05 19 00-0205	EA 1/4" x 3-1/4" Tapcon Masonry Screw.....	5.27	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.99	
<b>05 05 19 00-0206</b>	<b>Large Diameter, Self-Threading Concrete Fasteners</b> (05 05 19 00-0199)		
	Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA 3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	5.51	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.50	
	<i>For &gt;100, Deduct</i>	-1.00	
05 05 19 00-0208	EA 3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	5.75	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.51	
	<i>For &gt;100, Deduct</i>	-1.01	
05 05 19 00-0209	EA 3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	5.82	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.51	
	<i>For &gt;100, Deduct</i>	-1.02	
05 05 19 00-0210	EA 3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	5.93	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.51	
	<i>For &gt;100, Deduct</i>	-1.02	
05 05 19 00-0211	EA 3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	6.03	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.51	
	<i>For &gt;100, Deduct</i>	-1.03	
05 05 19 00-0212	EA 1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	6.24	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.52	
	<i>For &gt;100, Deduct</i>	-1.04	
05 05 19 00-0213	EA 1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	6.50	
	<i>For &gt;10 To 50, Deduct</i>	-0.24	
	<i>For &gt;50 To 100, Deduct</i>	-0.53	
	<i>For &gt;100, Deduct</i>	-1.05	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214 EA 1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	6.74	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.53	
<i>For &gt;100, Deduct</i>	-1.06	
05 05 19 00-0215 EA 1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	7.40	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.55	
<i>For &gt;100, Deduct</i>	-1.10	
05 05 19 00-0216 EA 5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	7.48	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.55	
<i>For &gt;100, Deduct</i>	-1.10	
05 05 19 00-0217 EA 5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	7.89	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.56	
<i>For &gt;100, Deduct</i>	-1.12	
05 05 19 00-0218 EA 5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	8.31	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.57	
<i>For &gt;100, Deduct</i>	-1.14	
05 05 19 00-0219 EA 5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	8.58	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.58	
<i>For &gt;100, Deduct</i>	-1.16	
05 05 19 00-0220 EA 3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	8.46	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.57	
<i>For &gt;100, Deduct</i>	-1.15	
05 05 19 00-0221 EA 3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	8.84	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.58	
<i>For &gt;100, Deduct</i>	-1.17	
05 05 19 00-0222 EA 3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	9.75	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.61	
<i>For &gt;100, Deduct</i>	-1.21	
<b>05 05 19 00-0223 Pin Bolt Drives</b> <small>(05 05 19 00-0198)</small>		
Note: Includes drilling. Zinc plated.		
05 05 19 00-0224 EA 1/4" x 1" Pin Bolt Drive.....	3.19	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100, Deduct</i>	-0.60	
05 05 19 00-0225 EA 1/4" x 1-1/4" Pin Bolt Drive.....	3.19	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100, Deduct</i>	-0.60	
05 05 19 00-0226 EA 1/4" x 1-1/2" Pin Bolt Drive.....	3.23	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100, Deduct</i>	-0.60	
05 05 19 00-0227 EA 1/4" x 2" Pin Bolt Drive.....	3.24	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100, Deduct</i>	-0.60	
<b>05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors With Exposed Thread</b> <small>(05 05 19 00-0198)</small>		
05 05 19 00-0229 EA 1/4" Diameter Threaded Stud Powder Actuated Anchor.....	7.12	
<i>For &gt;10 To 50, Deduct</i>	-0.34	
<i>For &gt;50 To 100, Deduct</i>	-0.69	
<i>For &gt;100, Deduct</i>	-1.37	
05 05 19 00-0230 EA 3/8" Diameter Threaded Stud Powder Actuated Anchor.....	8.84	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.84	
<i>For &gt;100, Deduct</i>	-1.68	
<b>05 05 23 Metal Fastenings</b> <small>(05 05)</small>		
05 05 23 00-0001 <b>Hex Bolts</b> <small>(05 05 23)</small>		
Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0239 for drilling into concrete, 02 41 19 13-0249 for drilling into brick or block, 02 41 19 13-0259 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.		
05 05 23 00-0002 <b>A307B Heavy Hex Bolts</b> <small>(05 05 23 00-0001)</small>		
Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003 <b>Plain Finish A307B Heavy Hex Bolts</b> <small>(05 05 23 00-0002)</small>		
05 05 23 00-0004 EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt.....	8.66	0.87
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.76	
<i>For &gt;100, Deduct</i>	-1.52	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0005	EA		1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt .....	9.48	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.78	
			<i>For &gt;100, Deduct</i>	-1.56	
05 05 23 00-0006	EA		5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....	9.50	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.78	
			<i>For &gt;100, Deduct</i>	-1.56	
05 05 23 00-0007	EA		5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....	11.28	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.90	
			<i>For &gt;100, Deduct</i>	-1.81	
05 05 23 00-0008	EA		3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....	10.87	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.82	
			<i>For &gt;100, Deduct</i>	-1.63	
05 05 23 00-0009	EA		3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....	12.98	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100, Deduct</i>	-1.89	
05 05 23 00-0010	EA		3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....	16.23	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.05	
			<i>For &gt;100, Deduct</i>	-2.11	
05 05 23 00-0011	EA		3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt .....	17.41	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.12	
			<i>For &gt;100, Deduct</i>	-2.23	
05 05 23 00-0012	EA		7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....	12.94	0.94
			<i>For &gt;10 To 50, Deduct</i>	-0.39	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100, Deduct</i>	-1.83	
05 05 23 00-0013	EA		7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....	15.51	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.04	
			<i>For &gt;100, Deduct</i>	-2.07	
05 05 23 00-0014	EA		1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....	18.14	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.14	
			<i>For &gt;100, Deduct</i>	-2.27	
05 05 23 00-0015	EA		1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....	25.55	1.15
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.36	
			<i>For &gt;100, Deduct</i>	-2.71	
05 05 23 00-0016	EA		1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....	29.87	1.29
			<i>For &gt;10 To 50, Deduct</i>	-0.54	
			<i>For &gt;50 To 100, Deduct</i>	-1.56	
			<i>For &gt;100, Deduct</i>	-3.11	
05 05 23 00-0017	EA		1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....	33.56	1.39
			<i>For &gt;10 To 50, Deduct</i>	-0.58	
			<i>For &gt;50 To 100, Deduct</i>	-1.71	
			<i>For &gt;100, Deduct</i>	-3.41	
<b>05 05 23 00-0018</b>			<b>Galvanized A307B Heavy Hex Bolts</b> <small>(05 05 23 00-0002)</small>		
05 05 23 00-0019	EA		1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt .....	9.07	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100, Deduct</i>	-1.54	
05 05 23 00-0020	EA		5/8" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt .....	9.75	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100, Deduct</i>	-1.58	
05 05 23 00-0021	EA		5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt .....	10.49	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.81	
			<i>For &gt;100, Deduct</i>	-1.61	
05 05 23 00-0022	EA		5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt .....	12.27	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.93	
			<i>For &gt;100, Deduct</i>	-1.86	
05 05 23 00-0023	EA		3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt .....	11.99	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.84	
			<i>For &gt;100, Deduct</i>	-1.69	
05 05 23 00-0024	EA		3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt .....	15.05	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-1.00	
			<i>For &gt;100, Deduct</i>	-1.99	
05 05 23 00-0025	EA		3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt .....	19.81	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.14	
			<i>For &gt;100, Deduct</i>	-2.29	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0026	EA			3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	23.19	1.09
				<i>For &gt;10 To 50, Deduct</i>	-0.45	
				<i>For &gt;50 To 100, Deduct</i>	-1.26	
				<i>For &gt;100, Deduct</i>	-2.52	
05 05 23 00-0027	EA			7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	15.88	0.94
				<i>For &gt;10 To 50, Deduct</i>	-0.39	
				<i>For &gt;50 To 100, Deduct</i>	-0.99	
				<i>For &gt;100, Deduct</i>	-1.97	
05 05 23 00-0028	EA			7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	18.82	1.04
				<i>For &gt;10 To 50, Deduct</i>	-0.43	
				<i>For &gt;50 To 100, Deduct</i>	-1.12	
				<i>For &gt;100, Deduct</i>	-2.24	
05 05 23 00-0029	EA			1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	22.41	1.09
				<i>For &gt;10 To 50, Deduct</i>	-0.45	
				<i>For &gt;50 To 100, Deduct</i>	-1.24	
				<i>For &gt;100, Deduct</i>	-2.48	
05 05 23 00-0030	EA			1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	33.30	1.15
				<i>For &gt;10 To 50, Deduct</i>	-0.48	
				<i>For &gt;50 To 100, Deduct</i>	-1.55	
				<i>For &gt;100, Deduct</i>	-3.10	
05 05 23 00-0031	EA			1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	33.34	1.29
				<i>For &gt;10 To 50, Deduct</i>	-0.54	
				<i>For &gt;50 To 100, Deduct</i>	-1.64	
				<i>For &gt;100, Deduct</i>	-3.29	
05 05 23 00-0032	EA			1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	41.58	1.39
				<i>For &gt;10 To 50, Deduct</i>	-0.58	
				<i>For &gt;50 To 100, Deduct</i>	-1.91	
				<i>For &gt;100, Deduct</i>	-3.81	
05 05 23 00-0033	<b>A325 High Strength Structural Bolts</b> <small>(05 05 23 00-0001)</small>					
05 05 23 00-0034	<b>Plain Finish A325 High Strength Structural Bolts</b> <small>(05 05 23 00-0033)</small>					
	Note: Includes A325 heavy hex nut and structural washer.					
05 05 23 00-0035	EA			1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	8.47	0.87
				<i>For &gt;10 To 50, Deduct</i>	-0.36	
				<i>For &gt;50 To 100, Deduct</i>	-0.76	
				<i>For &gt;100, Deduct</i>	-1.51	
05 05 23 00-0036	EA			1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	8.65	0.87
				<i>For &gt;10 To 50, Deduct</i>	-0.36	
				<i>For &gt;50 To 100, Deduct</i>	-0.76	
				<i>For &gt;100, Deduct</i>	-1.52	
05 05 23 00-0037	EA			5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	9.23	0.87
				<i>For &gt;10 To 50, Deduct</i>	-0.36	
				<i>For &gt;50 To 100, Deduct</i>	-0.77	
				<i>For &gt;100, Deduct</i>	-1.55	
05 05 23 00-0038	EA			5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	11.30	0.99
				<i>For &gt;10 To 50, Deduct</i>	-0.41	
				<i>For &gt;50 To 100, Deduct</i>	-0.90	
				<i>For &gt;100, Deduct</i>	-1.81	
05 05 23 00-0039	EA			5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	13.04	1.04
				<i>For &gt;10 To 50, Deduct</i>	-0.43	
				<i>For &gt;50 To 100, Deduct</i>	-0.97	
				<i>For &gt;100, Deduct</i>	-1.95	
05 05 23 00-0040	EA			3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	10.03	0.87
				<i>For &gt;10 To 50, Deduct</i>	-0.36	
				<i>For &gt;50 To 100, Deduct</i>	-0.79	
				<i>For &gt;100, Deduct</i>	-1.59	
05 05 23 00-0041	EA			3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	12.15	0.99
				<i>For &gt;10 To 50, Deduct</i>	-0.41	
				<i>For &gt;50 To 100, Deduct</i>	-0.92	
				<i>For &gt;100, Deduct</i>	-1.85	
05 05 23 00-0042	EA			3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	13.80	1.04
				<i>For &gt;10 To 50, Deduct</i>	-0.43	
				<i>For &gt;50 To 100, Deduct</i>	-0.99	
				<i>For &gt;100, Deduct</i>	-1.99	
05 05 23 00-0043	EA			3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	16.90	1.09
				<i>For &gt;10 To 50, Deduct</i>	-0.45	
				<i>For &gt;50 To 100, Deduct</i>	-1.10	
				<i>For &gt;100, Deduct</i>	-2.21	
05 05 23 00-0044	EA			7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	11.62	0.94
				<i>For &gt;10 To 50, Deduct</i>	-0.39	
				<i>For &gt;50 To 100, Deduct</i>	-0.88	
				<i>For &gt;100, Deduct</i>	-1.76	
05 05 23 00-0045	EA			7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	14.11	1.04
				<i>For &gt;10 To 50, Deduct</i>	-0.43	
				<i>For &gt;50 To 100, Deduct</i>	-1.00	
				<i>For &gt;100, Deduct</i>	-2.00	
05 05 23 00-0046	EA			7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	16.07	1.09
				<i>For &gt;10 To 50, Deduct</i>	-0.45	
				<i>For &gt;50 To 100, Deduct</i>	-1.08	
				<i>For &gt;100, Deduct</i>	-2.17	
05 05 23 00-0047	EA			7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	17.41	1.15
				<i>For &gt;10 To 50, Deduct</i>	-0.48	
				<i>For &gt;50 To 100, Deduct</i>	-1.15	
				<i>For &gt;100, Deduct</i>	-2.30	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0048	EA		1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	12.82	0.98
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.93	
			<i>For &gt;100, Deduct</i>	-1.87	
05 05 23 00-0049	EA		1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	15.39	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.07	
			<i>For &gt;100, Deduct</i>	-2.13	
05 05 23 00-0050	EA		1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	17.79	1.15
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.16	
			<i>For &gt;100, Deduct</i>	-2.32	
05 05 23 00-0051	EA		1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	22.69	1.22
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.33	
			<i>For &gt;100, Deduct</i>	-2.66	
05 05 23 00-0052	EA		1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	21.68	1.22
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100, Deduct</i>	-2.61	
05 05 23 00-0053	EA		1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	24.55	1.29
			<i>For &gt;10 To 50, Deduct</i>	-0.54	
			<i>For &gt;50 To 100, Deduct</i>	-1.42	
			<i>For &gt;100, Deduct</i>	-2.85	
05 05 23 00-0054	EA		1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	28.76	1.39
			<i>For &gt;10 To 50, Deduct</i>	-0.58	
			<i>For &gt;50 To 100, Deduct</i>	-1.59	
			<i>For &gt;100, Deduct</i>	-3.17	
05 05 23 00-0055	EA		1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	33.72	1.48
			<i>For &gt;10 To 50, Deduct</i>	-0.62	
			<i>For &gt;50 To 100, Deduct</i>	-1.77	
			<i>For &gt;100, Deduct</i>	-3.54	
<b>05 05 23 00-0056</b>			<b>Galvanized A325 High Strength Structural Bolts</b> (05 05 23 00-0033)		
			Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA		1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt.....	8.84	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.76	
			<i>For &gt;100, Deduct</i>	-1.53	
05 05 23 00-0058	EA		1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	8.96	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100, Deduct</i>	-1.54	
05 05 23 00-0059	EA		5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	9.99	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100, Deduct</i>	-1.59	
05 05 23 00-0060	EA		5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	11.84	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.92	
			<i>For &gt;100, Deduct</i>	-1.83	
05 05 23 00-0061	EA		5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	12.52	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-0.96	
			<i>For &gt;100, Deduct</i>	-1.92	
05 05 23 00-0062	EA		3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	10.38	0.87
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.80	
			<i>For &gt;100, Deduct</i>	-1.61	
05 05 23 00-0063	EA		3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	12.59	0.99
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100, Deduct</i>	-1.87	
05 05 23 00-0064	EA		3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	14.48	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.01	
			<i>For &gt;100, Deduct</i>	-2.02	
05 05 23 00-0065	EA		3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	18.52	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.14	
			<i>For &gt;100, Deduct</i>	-2.29	
05 05 23 00-0066	EA		7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	13.72	0.94
			<i>For &gt;10 To 50, Deduct</i>	-0.39	
			<i>For &gt;50 To 100, Deduct</i>	-0.93	
			<i>For &gt;100, Deduct</i>	-1.87	
05 05 23 00-0067	EA		7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	15.35	1.04
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.03	
			<i>For &gt;100, Deduct</i>	-2.06	
05 05 23 00-0068	EA		7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	17.57	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.12	
			<i>For &gt;100, Deduct</i>	-2.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0069 EA 7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	21.92	1.15
<i>For &gt;10 To 50, Deduct</i>	-0.48	
<i>For &gt;50 To 100, Deduct</i>	-1.27	
<i>For &gt;100, Deduct</i>	-2.53	
05 05 23 00-0070 EA 1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt .....	14.45	0.98
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.97	
<i>For &gt;100, Deduct</i>	-1.95	
05 05 23 00-0071 EA 1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	19.13	1.09
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.16	
<i>For &gt;100, Deduct</i>	-2.32	
05 05 23 00-0072 EA 1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	20.92	1.15
<i>For &gt;10 To 50, Deduct</i>	-0.48	
<i>For &gt;50 To 100, Deduct</i>	-1.24	
<i>For &gt;100, Deduct</i>	-2.48	
05 05 23 00-0073 EA 1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	26.55	1.22
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.43	
<i>For &gt;100, Deduct</i>	-2.85	
05 05 23 00-0074 EA 1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt .....	26.39	1.22
<i>For &gt;10 To 50, Deduct</i>	-0.51	
<i>For &gt;50 To 100, Deduct</i>	-1.42	
<i>For &gt;100, Deduct</i>	-2.85	
05 05 23 00-0075 EA 1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	28.15	1.29
<i>For &gt;10 To 50, Deduct</i>	-0.54	
<i>For &gt;50 To 100, Deduct</i>	-1.51	
<i>For &gt;100, Deduct</i>	-3.03	
05 05 23 00-0076 EA 1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	32.89	1.39
<i>For &gt;10 To 50, Deduct</i>	-0.58	
<i>For &gt;50 To 100, Deduct</i>	-1.69	
<i>For &gt;100, Deduct</i>	-3.38	
05 05 23 00-0077 EA 1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	38.03	1.48
<i>For &gt;10 To 50, Deduct</i>	-0.62	
<i>For &gt;50 To 100, Deduct</i>	-1.88	
<i>For &gt;100, Deduct</i>	-3.75	
<b>05 05 23 00-0078 A490 High Strength Structural Bolts</b> <small>(05 05 23 00-0001)</small>		
Note: Includes A490 heavy hex nut and two structural washers.		
<b>05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts</b> <small>(05 05 23 00-0078)</small>		
05 05 23 00-0080 EA 5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	9.52	0.87
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.78	
<i>For &gt;100, Deduct</i>	-1.56	
05 05 23 00-0081 EA 5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	13.26	0.99
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.95	
<i>For &gt;100, Deduct</i>	-1.91	
05 05 23 00-0082 EA 5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	14.17	1.04
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.00	
<i>For &gt;100, Deduct</i>	-2.01	
05 05 23 00-0083 EA 3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	10.63	0.87
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.81	
<i>For &gt;100, Deduct</i>	-1.62	
05 05 23 00-0084 EA 3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	12.82	0.99
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.94	
<i>For &gt;100, Deduct</i>	-1.88	
05 05 23 00-0085 EA 3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	14.88	1.04
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.02	
<i>For &gt;100, Deduct</i>	-2.04	
05 05 23 00-0086 EA 3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	19.01	1.09
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.16	
<i>For &gt;100, Deduct</i>	-2.31	
05 05 23 00-0087 EA 7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	12.30	0.94
<i>For &gt;10 To 50, Deduct</i>	-0.39	
<i>For &gt;50 To 100, Deduct</i>	-0.90	
<i>For &gt;100, Deduct</i>	-1.79	
05 05 23 00-0088 EA 7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	14.32	1.04
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.01	
<i>For &gt;100, Deduct</i>	-2.01	
05 05 23 00-0089 EA 7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	20.48	1.09
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.19	
<i>For &gt;100, Deduct</i>	-2.39	
05 05 23 00-0090 EA 1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	14.41	0.98
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.97	
<i>For &gt;100, Deduct</i>	-1.95	

## 05 Metals

## 05 05 Common Work Results For Metals

## 05 05 23 Metal Fastenings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0091	EA		1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	17.18	1.09
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.11	
			<i>For &gt;100, Deduct</i>	-2.22	
05 05 23 00-0092	EA		1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	19.72	1.15
			<i>For &gt;10 To 50, Deduct</i>	-0.48	
			<i>For &gt;50 To 100, Deduct</i>	-1.21	
			<i>For &gt;100, Deduct</i>	-2.42	
05 05 23 00-0093	EA		1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	24.53	1.22
			<i>For &gt;10 To 50, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-1.38	
			<i>For &gt;100, Deduct</i>	-2.75	
05 05 23 00-0094	EA		1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	31.35	1.29
			<i>For &gt;10 To 50, Deduct</i>	-0.54	
			<i>For &gt;50 To 100, Deduct</i>	-1.59	
			<i>For &gt;100, Deduct</i>	-3.19	
05 05 23 00-0095	EA		1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	33.00	1.39
			<i>For &gt;10 To 50, Deduct</i>	-0.58	
			<i>For &gt;50 To 100, Deduct</i>	-1.69	
			<i>For &gt;100, Deduct</i>	-3.38	
05 05 23 00-0096	EA		1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	34.45	1.48
			<i>For &gt;10 To 50, Deduct</i>	-0.62	
			<i>For &gt;50 To 100, Deduct</i>	-1.79	
			<i>For &gt;100, Deduct</i>	-3.57	
05 05 23 00-0097			Hex Head Bolts (05 05 23 00-0001)		
05 05 23 00-0098			Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0099			1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0100	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.07	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0101	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0102	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.13	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0103	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0104	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0105	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0106	EA		1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0107	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.45	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0108	EA		1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.47	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0109	EA		1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0110	EA		1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0111	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0112	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.95	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0113 EA 1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.28	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0114 EA 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.45	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0115 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.49	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0117 EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.11	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0118 EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.13	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0119 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.17	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0120 EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.20	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0121 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.32	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0122 EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.39	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0123 EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.42	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0124 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.58	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0125 EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.68	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0126 EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.72	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0127 EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.84	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0128 EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.88	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0129 EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.27	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0130 EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.56	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0131 EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.73	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0132 EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.89	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0134	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0135	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0136	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0137	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0138	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0139	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0140	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.59	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0141	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.77	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0142	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0143	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.95	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0144	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.47	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0150			<b>7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0098)</small>		
05 05 23 00-0151	EA		7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0152	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0153	EA		7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0154	EA		7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0155 EA 7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.20	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0156 EA 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.29	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0157 EA 7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.62	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0158 EA 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.68	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0159 EA 7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.82	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0160 EA 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.12	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0161 EA 7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.18	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0162 EA 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.35	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0163 EA 7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.51	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0164 EA 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.67	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0165 EA 7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.97	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
<b>05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0167 EA 1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.76	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0168 EA 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.85	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0169 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.94	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0170 EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.12	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0171 EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.21	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0172 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.30	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0173 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.51	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0174 EA 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.62	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0175 EA 1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.80	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0176	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0177	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.93	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0178	EA		1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0179	EA		1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.32	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0180	EA		1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.42	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0181	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.69	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0182	EA		1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0183	EA		1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.00	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0184	EA		1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0185	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.49	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-0186</b>			<b>9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0098)</small>		
05 05 23 00-0187	EA		9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.85	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0188	EA		9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0189	EA		9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.00	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0190	EA		9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0191	EA		9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.64	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0192	EA		9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.69	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0193	EA		9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.80	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0194	EA		9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.84	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0195	EA		9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.98	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0196	EA		9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0197 EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.12	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0198 EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.24	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0199 EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.46	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0200 EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.61	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0201 EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.75	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0202 EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.95	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0203 EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.12	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0204 EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.23	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0205 EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.41	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0207 EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.54	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0208 EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.62	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0209 EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.73	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0210 EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.96	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0211 EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.12	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0212 EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.31	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0213 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.64	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0214 EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.94	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0215 EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.17	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0216 EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.36	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0217 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.39	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	

## 05 Metals

## 05 05 Common Work Results For Metals

## 05 05 23 Metal Fastenings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0218	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.79	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0219	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0220	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0221	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.77	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0222	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0223	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0224	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0225	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0226			3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0227	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.63	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.84	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.14	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.42	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.65	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0237	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0238	EA		3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0239 EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.85	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0240 EA 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0241 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0242 EA 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.65	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0243 EA 3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.03	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0244 EA 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.54	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0245 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.04	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0247 EA 7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.10	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0248 EA 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.24	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0249 EA 7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.30	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0250 EA 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.58	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0251 EA 7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.95	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0252 EA 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0253 EA 7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.85	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0254 EA 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.48	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0255 EA 7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.84	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0256 EA 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.20	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0257 EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.40	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0258 EA 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.91	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0259 EA 7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.50	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	

## 05 Metals

## 05 05 Common Work Results For Metals

## 05 05 23 Metal Fastenings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0260	EA 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0261	EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.51	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0262	EA 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.07	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0263	EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.60	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0264	EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.09	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0265	EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.61	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0266	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small> .....	6.72	
05 05 23 00-0267	EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.72	
	<i>For &gt;100 To 250, Deduct</i>	-0.86	
	<i>For &gt;250 To 500, Deduct</i>	-1.08	
	<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0268	EA 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.64	
	<i>For &gt;100 To 250, Deduct</i>	-0.86	
	<i>For &gt;250 To 500, Deduct</i>	-1.08	
	<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0269	EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.31	
	<i>For &gt;100 To 250, Deduct</i>	-0.88	
	<i>For &gt;250 To 500, Deduct</i>	-1.10	
	<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0270	EA 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.03	
	<i>For &gt;100 To 250, Deduct</i>	-0.88	
	<i>For &gt;250 To 500, Deduct</i>	-1.10	
	<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0271	EA 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.69	
	<i>For &gt;100 To 250, Deduct</i>	-0.88	
	<i>For &gt;250 To 500, Deduct</i>	-1.10	
	<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0272	EA 1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.46	
	<i>For &gt;100 To 250, Deduct</i>	-0.90	
	<i>For &gt;250 To 500, Deduct</i>	-1.12	
	<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0273	EA 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.10	
	<i>For &gt;100 To 250, Deduct</i>	-0.90	
	<i>For &gt;250 To 500, Deduct</i>	-1.12	
	<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0274	EA 1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.76	
	<i>For &gt;100 To 250, Deduct</i>	-0.90	
	<i>For &gt;250 To 500, Deduct</i>	-1.12	
	<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0275	EA 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.17	
	<i>For &gt;100 To 250, Deduct</i>	-0.91	
	<i>For &gt;250 To 500, Deduct</i>	-1.14	
	<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0276	EA 1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.49	
	<i>For &gt;100 To 250, Deduct</i>	-0.91	
	<i>For &gt;250 To 500, Deduct</i>	-1.14	
	<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0277	EA 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.04	
	<i>For &gt;100 To 250, Deduct</i>	-0.91	
	<i>For &gt;250 To 500, Deduct</i>	-1.14	
	<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0278	EA 1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.69	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0279	EA 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.23	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0280	EA 1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.81	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0281 EA 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.34	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0282 EA 1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.99	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0283 EA 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.56	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0284 EA 1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.13	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0087)</small>		
<b>05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0287 EA 1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.11	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0288 EA 1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.13	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0289 EA 1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.16	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0290 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.21	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0291 EA 1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.34	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0292 EA 1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.42	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0293 EA 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.52	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0294 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.68	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0295 EA 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.80	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0296 EA 1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.88	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0297 EA 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.05	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0298 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.13	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0299 EA 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.20	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0300 EA 1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.39	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0301 EA 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.49	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0302 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.60	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0303	5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0304	EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.16	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0305	EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.18	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0306	EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.22	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0307	EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.28	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0308	EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.41	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-0309	EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.50	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-0310	EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.64	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-0311	EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.81	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-0312	EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.92	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-0313	EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.03	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-0314	EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.33	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-0315	EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.37	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-0316	EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.51	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-0317	EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.78	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
05 05 23 00-0318	EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.98	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
05 05 23 00-0319	EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.17	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
05 05 23 00-0320	3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0321	EA 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.19	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0322	EA 3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.21	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-0323	EA 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	3.28	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0324 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.35	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0325 EA 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.50	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0326 EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.58	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0327 EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.71	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0328 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.94	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0329 EA 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.24	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0330 EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.37	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0331 EA 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.64	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0332 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.77	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0333 EA 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.99	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0334 EA 3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.25	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0335 EA 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.55	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0336 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.79	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0338 EA 7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.77	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0339 EA 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.83	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0340 EA 7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	3.98	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0341 EA 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.18	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0342 EA 7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.29	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0343 EA 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.40	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0344 EA 7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.62	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0345	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0346	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0347	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.64	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0348	EA		7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.76	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0349	EA		7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0350	EA		7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0351	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0352	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
<b>05 05 23 00-0353</b>			<b>1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0354	EA		1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	3.85	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0355	EA		1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	3.93	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0356	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	4.02	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0357	EA		1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	4.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0358	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	4.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0359	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	4.52	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0360	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	4.74	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0361	EA		1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0362	EA		1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0363	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.63	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0364	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0365	EA		1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0366 EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.78	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0367 EA 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.05	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0368 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.14	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0369 EA 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.70	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0370 EA 1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.16	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0371 EA 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.81	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0372 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.05	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small></b>		
05 05 23 00-0374 EA 9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.10	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0375 EA 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.25	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0376 EA 9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.39	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0377 EA 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.62	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0378 EA 9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	4.81	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0379 EA 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.01	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0380 EA 9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.34	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0381 EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.16	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0382 EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.36	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0383 EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.68	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0384 EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.90	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0385 EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.65	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0386 EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.67	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0387	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0388	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.49	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0389	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.06	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0390	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.25	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0391	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.43	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0392	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-0393</b>			<b>5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0394	EA		5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.68	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0395	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.73	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0396	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	4.78	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0397	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.01	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0398	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0399	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0400	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.80	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0401	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0402	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.46	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0403	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.67	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0404	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.05	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0405	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.64	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0406	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0407	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0408 EA 5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.82	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0409 EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.80	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0410 EA 5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.46	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0411 EA 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.42	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0412 EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.76	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)</b>		
05 05 23 00-0414 EA 3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.23	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0415 EA 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.33	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0416 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.39	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0417 EA 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.68	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0418 EA 3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	5.93	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0419 EA 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.31	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0420 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.64	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0421 EA 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	6.88	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0422 EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.39	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0423 EA 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.71	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0424 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.13	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0425 EA 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.65	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0426 EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.45	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0427 EA 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.99	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0428 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.29	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0429	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0430	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.44	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0431	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.32	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0432	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0433</b>			<b>7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> (05 05 23 00-0285)		
05 05 23 00-0434	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0435	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0436	EA		7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.65	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0437	EA		7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0438	EA		7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0439	EA		7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.73	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0440	EA		7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.06	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0441	EA		7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.65	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0442	EA		7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0443	EA		7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0444	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0445	EA		7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.32	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0446	EA		7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.98	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0447	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.67	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0448	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.71	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0449	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.79	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0450 EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.47	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0451 EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.04	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0452 EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.62	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0454 EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.46	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0455 EA 1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.50	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0456 EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.96	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0457 EA 1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.44	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0458 EA 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.79	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0459 EA 1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.33	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0460 EA 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.90	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0461 EA 1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.71	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0462 EA 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.38	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0463 EA 1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.55	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0464 EA 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.69	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0465 EA 1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.51	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0466 EA 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.73	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0467 EA 1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.07	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0468 EA 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.05	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0469 EA 1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.35	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0470 EA 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.19	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0471	EA		1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	20.76	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0472</b>			<b>Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0097)		
<b>05 05 23 00-0473</b>			<b>1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)		
05 05 23 00-0474	EA		1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0475	EA		1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0476	EA		1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0477	EA		1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0478	EA		1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0479	EA		1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.46	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0480	EA		1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.52	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0481	EA		1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.62	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0482	EA		1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0483	EA		1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.98	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0484	EA		1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0485	EA		1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0486	EA		1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0487	EA		1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.55	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0488	EA		1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.78	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0489	EA		1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0490</b>			<b>5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)		
05 05 23 00-0491	EA		5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0492	EA		5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0493 EA 5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.32	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0494 EA 5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.34	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0495 EA 5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.48	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0496 EA 5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.65	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0497 EA 5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.70	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0498 EA 5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.88	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0499 EA 5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.99	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0500 EA 5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.23	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0501 EA 5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	4.46	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0502 EA 5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.55	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0503 EA 5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	4.69	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0504 EA 5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.88	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0505 EA 5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	4.99	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0506 EA 5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.19	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0508 EA 3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.29	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0509 EA 3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.30	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0510 EA 3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.31	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0511 EA 3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.44	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0512 EA 3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	3.60	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0513 EA 3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.73	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0514	EA		3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.85	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0515	EA		3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.31	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0516	EA		3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.46	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0517	EA		3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.49	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0518	EA		3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.64	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0519	EA		3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0520	EA		3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0521	EA		3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.80	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0522	EA		3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.14	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0523	EA		3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0524			<b>7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0525	EA		7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.86	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0526	EA		7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.88	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0527	EA		7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.08	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0528	EA		7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0529	EA		7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0530	EA		7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0531	EA		7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.66	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0532	EA		7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0533	EA		7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0534	EA		7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.93	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0535 EA 7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.07	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0536 EA 7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.28	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0537 EA 7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.69	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0538 EA 7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.37	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0539 EA 7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.42	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
<b>05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)</b>		
05 05 23 00-0541 EA 1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	3.99	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0542 EA 1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.14	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0543 EA 1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.24	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0544 EA 1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.41	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0545 EA 1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.58	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0546 EA 1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.95	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0547 EA 1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.31	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0548 EA 1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.52	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0549 EA 1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.68	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0550 EA 1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.03	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0551 EA 1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.50	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0552 EA 1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.94	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0553 EA 1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.41	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0554 EA 1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.60	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0555 EA 1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.14	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0556	EA		1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0557	EA		1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.51	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0558	EA		1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.71	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0559	EA		1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.68	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-0560</b>			<b>9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0561	EA		9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.13	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0562	EA		9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0563	EA		9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.43	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0564	EA		9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0565	EA		9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0566	EA		9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0567	EA		9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0568	EA		9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0569	EA		9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.70	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0570	EA		9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.93	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0571	EA		9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0572	EA		9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.01	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0573	EA		9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0574	EA		9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0575	EA		9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0577 EA 5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	4.87	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0578 EA 5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	4.97	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0579 EA 5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.20	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0580 EA 5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	5.62	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0581 EA 5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.90	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0582 EA 5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	6.05	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0583 EA 5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.24	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0584 EA 5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	6.73	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0585 EA 5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.95	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0586 EA 5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	7.27	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0587 EA 5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.51	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0588 EA 5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	7.99	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0589 EA 5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.23	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0590 EA 5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	9.78	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0591 EA 5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.01	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0592 EA 5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.09	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0593 EA 5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.18	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0594 EA 5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.26	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0595 EA 5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.27	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)		
05 05 23 00-0597 EA 3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.39	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA		3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.49	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0599	EA		3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.56	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0600	EA		3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.79	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0601	EA		3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0602	EA		3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0603	EA		3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0604	EA		3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.96	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0605	EA		3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.77	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0606	EA		3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0607	EA		3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.57	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0608	EA		3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0609	EA		3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0610	EA		3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0611	EA		3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0612	EA		3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0613	EA		3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.92	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0614	EA		3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.47	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0615	EA		3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.68	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0616			<b>7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)		
05 05 23 00-0617	EA		7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.25	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0618	EA		7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.51	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0619 EA 7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	7.98	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0620 EA 7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.76	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0621 EA 7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	8.85	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0622 EA 7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.11	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0623 EA 7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.99	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0624 EA 7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.47	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0625 EA 7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.67	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0626 EA 7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.37	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0627 EA 7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	15.20	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0628 EA 7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.89	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0629 EA 7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	17.77	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0630 EA 7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.53	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0631 EA 7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	19.21	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0632 EA 7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.43	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0633 EA 7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	19.62	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0634 EA 7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.07	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0636 EA 1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	7.99	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0637 EA 1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.64	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0638 EA 1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	9.02	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0639 EA 1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.51	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.42	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0641	EA		1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0642	EA		1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0643	EA		1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.59	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0644	EA		1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0645	EA		1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.60	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0646	EA		1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.80	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0647	EA		1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0648	EA		1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.71	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0649	EA		1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.14	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0650	EA		1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0651	EA		1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0652	EA		1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0653	EA		1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.31	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0654			Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0655			1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0656	EA		1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0657	EA		1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0658	EA		1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0659	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0660	EA		1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0661 EA 1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.58	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0662 EA 1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.61	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0663 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.71	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0664 EA 1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.80	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0665 EA 1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.83	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0666 EA 1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.98	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0667 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.07	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0668 EA 1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.09	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0669 EA 1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.26	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0670 EA 1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.48	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0671 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.77	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0654)</small>		
05 05 23 00-0673 EA 5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.14	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0674 EA 5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.40	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0675 EA 5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.42	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0676 EA 5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.43	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0677 EA 5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.63	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0678 EA 5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.87	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0679 EA 5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.91	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0680 EA 5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.07	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0681 EA 5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.10	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0682	EA		5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.29	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0683	EA		5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.43	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0684	EA		5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.51	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0685	EA		5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.69	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0686	EA		5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0687	EA		5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.46	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0688	EA		5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.74	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>					
<small>(05 05 23 00-0654)</small>					
05 05 23 00-0690	EA		3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0691	EA		3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0692	EA		3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0693	EA		3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0694	EA		3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.65	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0695	EA		3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.78	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0696	EA		3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.87	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0697	EA		3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0698	EA		3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0699	EA		3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.31	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0700	EA		3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.47	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0701	EA		3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.69	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0702	EA		3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.73	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0703 EA 3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.83	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0704 EA 3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.85	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0705 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.11	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0707 EA 7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.05	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0708 EA 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.33	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0709 EA 7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.55	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0710 EA 7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.99	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0711 EA 7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.01	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0712 EA 7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.03	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0713 EA 7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.30	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0714 EA 7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.50	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0715 EA 7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.68	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0716 EA 7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.96	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0717 EA 7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.18	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
<b>05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0719 EA 1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	3.92	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0720 EA 1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.01	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0721 EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.20	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0722 EA 1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.49	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0723 EA 1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.63	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0724	EA		1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0725	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0726	EA		1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.13	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0727	EA		1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-0728	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.52	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0729	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0730	EA		1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.77	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-0731	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0732	EA		1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0733	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-0734	EA		1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.07	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0735	EA		1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0736	EA		1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0737	EA		1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.32	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0738			<b>5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0654)</small>		
05 05 23 00-0739	EA		5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.67	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0740	EA		5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0741	EA		5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	4.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0742	EA		5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0743	EA		5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0744	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.84	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0745 EA 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.99	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0746 EA 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.07	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0747 EA 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.22	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0748 EA 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.49	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0749 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.66	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0750 EA 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.14	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0751 EA 5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.25	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0752 EA 5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.09	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0753 EA 5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.33	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0754 EA 5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.78	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0755 EA 5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.18	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0756 EA 5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0757 EA 5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.15	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0654)</small>		
05 05 23 00-0759 EA 3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.35	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0760 EA 3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.39	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0761 EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.56	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0762 EA 3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.04	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0763 EA 3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.69	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0764 EA 3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.11	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0765 EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.42	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0766	EA 3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.45	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.21	
05 05 23 00-0767	EA 3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.54	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.21	
05 05 23 00-0768	EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.69	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-0769	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.25	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-0770	EA 3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.48	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-0771	EA 3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.01	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-0772	EA 3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-0773	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.31	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-0774	EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.74	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-0775	EA 3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.98	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-0776	EA 3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.11	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-0777	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.18	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
<b>05 05 23 00-0778</b>	<b>7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex</b>		
	<b>Head Bolts</b> <small>(05 05 23 00-0654)</small>		
05 05 23 00-0779	EA 7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.14	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-0780	EA 7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.41	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-0781	EA 7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.65	
	For >100 To 250, Deduct	-0.88	
	For >250 To 500, Deduct	-1.10	
	For >500, Deduct	-1.32	
05 05 23 00-0782	EA 7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
	For >100 To 250, Deduct	-0.88	
	For >250 To 500, Deduct	-1.10	
	For >500, Deduct	-1.32	
05 05 23 00-0783	EA 7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.27	
	For >100 To 250, Deduct	-0.88	
	For >250 To 500, Deduct	-1.10	
	For >500, Deduct	-1.32	
05 05 23 00-0784	EA 7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.62	
	For >100 To 250, Deduct	-0.90	
	For >250 To 500, Deduct	-1.12	
	For >500, Deduct	-1.34	
05 05 23 00-0785	EA 7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.92	
	For >100 To 250, Deduct	-0.90	
	For >250 To 500, Deduct	-1.12	
	For >500, Deduct	-1.34	
05 05 23 00-0786	EA 7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.29	
	For >100 To 250, Deduct	-0.90	
	For >250 To 500, Deduct	-1.12	
	For >500, Deduct	-1.34	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0787	EA			7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.64	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0788	EA			7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.93	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0789	EA			7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.24	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0790	EA			7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.66	
				<i>For &gt;100 To 250, Deduct</i>	-0.93	
				<i>For &gt;250 To 500, Deduct</i>	-1.16	
				<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0791	EA			7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.20	
				<i>For &gt;100 To 250, Deduct</i>	-0.93	
				<i>For &gt;250 To 500, Deduct</i>	-1.16	
				<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0792	EA			7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.33	
				<i>For &gt;100 To 250, Deduct</i>	-0.93	
				<i>For &gt;250 To 500, Deduct</i>	-1.16	
				<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0793	EA			7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.55	
				<i>For &gt;100 To 250, Deduct</i>	-0.95	
				<i>For &gt;250 To 500, Deduct</i>	-1.18	
				<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0794	EA			7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.85	
				<i>For &gt;100 To 250, Deduct</i>	-0.95	
				<i>For &gt;250 To 500, Deduct</i>	-1.18	
				<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0795	EA			7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.23	
				<i>For &gt;100 To 250, Deduct</i>	-0.95	
				<i>For &gt;250 To 500, Deduct</i>	-1.18	
				<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0796	EA			7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.58	
				<i>For &gt;100 To 250, Deduct</i>	-0.95	
				<i>For &gt;250 To 500, Deduct</i>	-1.18	
				<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0854)</small>						
05 05 23 00-0798	EA			1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.02	
				<i>For &gt;100 To 250, Deduct</i>	-0.86	
				<i>For &gt;250 To 500, Deduct</i>	-1.08	
				<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0799	EA			1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.20	
				<i>For &gt;100 To 250, Deduct</i>	-0.88	
				<i>For &gt;250 To 500, Deduct</i>	-1.10	
				<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0800	EA			1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.70	
				<i>For &gt;100 To 250, Deduct</i>	-0.88	
				<i>For &gt;250 To 500, Deduct</i>	-1.10	
				<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0801	EA			1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.10	
				<i>For &gt;100 To 250, Deduct</i>	-0.88	
				<i>For &gt;250 To 500, Deduct</i>	-1.10	
				<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0802	EA			1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.10	
				<i>For &gt;100 To 250, Deduct</i>	-0.90	
				<i>For &gt;250 To 500, Deduct</i>	-1.12	
				<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0803	EA			1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.30	
				<i>For &gt;100 To 250, Deduct</i>	-0.90	
				<i>For &gt;250 To 500, Deduct</i>	-1.12	
				<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0804	EA			1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.88	
				<i>For &gt;100 To 250, Deduct</i>	-0.90	
				<i>For &gt;250 To 500, Deduct</i>	-1.12	
				<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0805	EA			1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.02	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0806	EA			1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.24	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0807	EA			1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.23	
				<i>For &gt;100 To 250, Deduct</i>	-0.91	
				<i>For &gt;250 To 500, Deduct</i>	-1.14	
				<i>For &gt;500, Deduct</i>	-1.37	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0808	EA 1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	14.69	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0809	EA 1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	15.53	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0810	EA 1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	16.35	
	<i>For &gt;100 To 250, Deduct</i>	-0.93	
	<i>For &gt;250 To 500, Deduct</i>	-1.16	
	<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0811	EA 1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	16.68	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0812	EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	17.35	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0813	EA 1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	17.85	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0814	EA 1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....	18.61	
	<i>For &gt;100 To 250, Deduct</i>	-0.95	
	<i>For &gt;250 To 500, Deduct</i>	-1.18	
	<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0815	304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816	1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817	EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.15	
	<i>For &gt;100 To 250, Deduct</i>	-0.60	
	<i>For &gt;250 To 500, Deduct</i>	-0.75	
	<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0818	EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.20	
	<i>For &gt;100 To 250, Deduct</i>	-0.60	
	<i>For &gt;250 To 500, Deduct</i>	-0.75	
	<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0819	EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.27	
	<i>For &gt;100 To 250, Deduct</i>	-0.60	
	<i>For &gt;250 To 500, Deduct</i>	-0.75	
	<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0820	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.34	
	<i>For &gt;100 To 250, Deduct</i>	-0.60	
	<i>For &gt;250 To 500, Deduct</i>	-0.75	
	<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0821	EA 1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.50	
	<i>For &gt;100 To 250, Deduct</i>	-0.62	
	<i>For &gt;250 To 500, Deduct</i>	-0.77	
	<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0822	EA 1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.61	
	<i>For &gt;100 To 250, Deduct</i>	-0.62	
	<i>For &gt;250 To 500, Deduct</i>	-0.77	
	<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0823	EA 1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.74	
	<i>For &gt;100 To 250, Deduct</i>	-0.62	
	<i>For &gt;250 To 500, Deduct</i>	-0.77	
	<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0824	EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.92	
	<i>For &gt;100 To 250, Deduct</i>	-0.64	
	<i>For &gt;250 To 500, Deduct</i>	-0.80	
	<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0825	EA 1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.08	
	<i>For &gt;100 To 250, Deduct</i>	-0.64	
	<i>For &gt;250 To 500, Deduct</i>	-0.80	
	<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0826	EA 1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.22	
	<i>For &gt;100 To 250, Deduct</i>	-0.64	
	<i>For &gt;250 To 500, Deduct</i>	-0.80	
	<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0827	EA 1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.43	
	<i>For &gt;100 To 250, Deduct</i>	-0.65	
	<i>For &gt;250 To 500, Deduct</i>	-0.82	
	<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0828	EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.67	
	<i>For &gt;100 To 250, Deduct</i>	-0.65	
	<i>For &gt;250 To 500, Deduct</i>	-0.82	
	<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0829	EA 1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.55	
	<i>For &gt;100 To 250, Deduct</i>	-0.65	
	<i>For &gt;250 To 500, Deduct</i>	-0.82	
	<i>For &gt;500, Deduct</i>	-0.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0830 EA 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.04	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0831 EA 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.17	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0832 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.50	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0834 EA 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.25	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0835 EA 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.30	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0836 EA 5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.40	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0837 EA 5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.48	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0838 EA 5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.71	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0839 EA 5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.77	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0840 EA 5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.03	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-0.77	
<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0841 EA 5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.31	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0842 EA 5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.61	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0843 EA 5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.76	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0844 EA 5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.31	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0845 EA 5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.06	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0846 EA 5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.77	
<i>For &gt;100 To 250, Deduct</i>	-0.65	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0847 EA 5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.63	
<i>For &gt;100 To 250, Deduct</i>	-0.67	
<i>For &gt;250 To 500, Deduct</i>	-0.84	
<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0849 EA 3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.38	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0850 EA 3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.44	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500, Deduct</i>	-0.90	

## 05 Metals

## 05 05 Common Work Results For Metals

## 05 05 23 Metal Fastenings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0851	EA		3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.60	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0852	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0853	EA		3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	3.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0854	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0855	EA		3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0856	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.66	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0857	EA		3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0858	EA		3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-0859	EA		3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.63	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0860	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.10	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0861	EA		3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-0862	EA		3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0863	EA		3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.55	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0864	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-0865			<b>7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0866	EA		7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0867	EA		7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0868	EA		7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.67	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-0869	EA		7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	4.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0870	EA		7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-0871	EA		7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.75	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0872	EA			7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 6.08 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0873	EA			7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 6.70 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0874	EA			7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 6.96 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0875	EA			7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 7.88 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0876	EA			7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 8.82 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0877	EA			7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 8.95 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0878	EA			7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 9.15 <i>For &gt;100 To 250, Deduct -0.76</i> <i>For &gt;250 To 500, Deduct -0.95</i> <i>For &gt;500, Deduct -1.14</i>		
<b>05 05 23 00-0879</b>				<b>1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small> ..... 4.33</b>		
05 05 23 00-0880	EA			1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 4.33 <i>For &gt;100 To 250, Deduct -0.69</i> <i>For &gt;250 To 500, Deduct -0.86</i> <i>For &gt;500, Deduct -1.04</i>		
05 05 23 00-0881	EA			1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 4.41 <i>For &gt;100 To 250, Deduct -0.69</i> <i>For &gt;250 To 500, Deduct -0.86</i> <i>For &gt;500, Deduct -1.04</i>		
05 05 23 00-0882	EA			1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 4.82 <i>For &gt;100 To 250, Deduct -0.69</i> <i>For &gt;250 To 500, Deduct -0.86</i> <i>For &gt;500, Deduct -1.04</i>		
05 05 23 00-0883	EA			1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 5.07 <i>For &gt;100 To 250, Deduct -0.71</i> <i>For &gt;250 To 500, Deduct -0.88</i> <i>For &gt;500, Deduct -1.06</i>		
05 05 23 00-0884	EA			1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 5.44 <i>For &gt;100 To 250, Deduct -0.71</i> <i>For &gt;250 To 500, Deduct -0.88</i> <i>For &gt;500, Deduct -1.06</i>		
05 05 23 00-0885	EA			1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 5.65 <i>For &gt;100 To 250, Deduct -0.71</i> <i>For &gt;250 To 500, Deduct -0.88</i> <i>For &gt;500, Deduct -1.06</i>		
05 05 23 00-0886	EA			1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 5.98 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0887	EA			1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 6.16 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0888	EA			1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 7.14 <i>For &gt;100 To 250, Deduct -0.72</i> <i>For &gt;250 To 500, Deduct -0.91</i> <i>For &gt;500, Deduct -1.09</i>		
05 05 23 00-0889	EA			1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 7.50 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0890	EA			1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 7.94 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0891	EA			1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 8.44 <i>For &gt;100 To 250, Deduct -0.74</i> <i>For &gt;250 To 500, Deduct -0.93</i> <i>For &gt;500, Deduct -1.11</i>		
05 05 23 00-0892	EA			1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... 9.27 <i>For &gt;100 To 250, Deduct -0.76</i> <i>For &gt;250 To 500, Deduct -0.95</i> <i>For &gt;500, Deduct -1.14</i>		

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0893	EA 1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.57	
	For >100 To 250, Deduct	-0.76	
	For >250 To 500, Deduct	-0.95	
	For >500, Deduct	-1.14	
05 05 23 00-0894	EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.05	
	For >100 To 250, Deduct	-0.76	
	For >250 To 500, Deduct	-0.95	
	For >500, Deduct	-1.14	
05 05 23 00-0895	EA 1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.43	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-0896	EA 1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.62	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-0897	EA 1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.93	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-0898	EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	15.23	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
<b>05 05 23 00-0899</b>	<b>9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0815)		
05 05 23 00-0900	EA 9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.49	
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-0.86	
	For >500, Deduct	-1.04	
05 05 23 00-0901	EA 9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.35	
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-0.86	
	For >500, Deduct	-1.04	
05 05 23 00-0902	EA 9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.85	
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-0.86	
	For >500, Deduct	-1.04	
05 05 23 00-0903	EA 9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.23	
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-0.88	
	For >500, Deduct	-1.06	
05 05 23 00-0904	EA 9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.76	
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-0.88	
	For >500, Deduct	-1.06	
05 05 23 00-0905	EA 9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.69	
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-0.88	
	For >500, Deduct	-1.06	
05 05 23 00-0906	EA 9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.15	
	For >100 To 250, Deduct	-0.72	
	For >250 To 500, Deduct	-0.91	
	For >500, Deduct	-1.09	
05 05 23 00-0907	EA 9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.36	
	For >100 To 250, Deduct	-0.72	
	For >250 To 500, Deduct	-0.91	
	For >500, Deduct	-1.09	
05 05 23 00-0908	EA 9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.32	
	For >100 To 250, Deduct	-0.72	
	For >250 To 500, Deduct	-0.91	
	For >500, Deduct	-1.09	
05 05 23 00-0909	EA 9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	15.32	
	For >100 To 250, Deduct	-0.74	
	For >250 To 500, Deduct	-0.93	
	For >500, Deduct	-1.11	
05 05 23 00-0910	EA 9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.38	
	For >100 To 250, Deduct	-0.74	
	For >250 To 500, Deduct	-0.93	
	For >500, Deduct	-1.11	
<b>05 05 23 00-0911</b>	<b>5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0815)		
05 05 23 00-0912	EA 5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.48	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-0913	EA 5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	5.68	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0914 EA 5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.49	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0915 EA 5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.72	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0916 EA 5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.11	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0917 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.66	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0918 EA 5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.44	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0919 EA 5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.45	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0920 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.07	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0921 EA 5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.51	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0922 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.08	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0923 EA 5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.13	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0924 EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.34	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0925 EA 5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.27	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0926 EA 5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.69	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0927 EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.50	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0928 EA 5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.04	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0929 EA 5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	19.49	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0930 EA 5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.49	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
<b>05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0932 EA 3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.37	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0933 EA 3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	6.76	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-0934 EA 3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.26	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0935	EA		3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	7.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0936	EA		3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.45	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0937	EA		3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-0938	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.02	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0939	EA		3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0940	EA		3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.59	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-0941	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0942	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0943	EA		3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.73	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.03	
			<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-0944	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.86	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0945	EA		3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0946	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-0947	EA		3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	23.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0948	EA		3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	23.56	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0949	EA		3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	24.74	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0950	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	25.64	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0951			<b>7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0952	EA		7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0953	EA		7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0954	EA		7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0955	EA		7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.94	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0956 EA 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.26	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0957 EA 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.14	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0958 EA 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.45	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0959 EA 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.56	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0960 EA 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.95	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0961 EA 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.76	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0962 EA 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	21.22	
<i>For &gt;100 To 250, Deduct</i>	-0.91	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0963 EA 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.03	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0964 EA 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	25.03	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0965 EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	26.64	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.16	
<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0966 EA 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	31.62	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0967 EA 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	35.54	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0968 EA 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	37.35	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0969 EA 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	39.16	
<i>For &gt;100 To 250, Deduct</i>	-0.95	
<i>For &gt;250 To 500, Deduct</i>	-1.18	
<i>For &gt;500, Deduct</i>	-1.42	
<b>05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0971 EA 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.52	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0972 EA 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.21	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-0973 EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.34	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0974 EA 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.21	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0975 EA 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.65	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-0976 EA 1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.36	
<i>For &gt;100 To 250, Deduct</i>	-0.90	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.34	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0977	EA		1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0978	EA		1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	19.86	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-0979	EA		1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0980	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0981	EA		1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	25.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-0982	EA		1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	30.53	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0983	EA		1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	31.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0984	EA		1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	32.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-0985	EA		1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	33.61	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0986	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	35.91	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0987	EA		1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	46.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0988	EA		1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	58.53	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-0989			<b>316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0997)</small>		
05 05 23 00-0990			<b>1/4" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-0991	EA		1/4" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.25	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0992	EA		1/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	3.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0993	EA		1/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.44	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0994	EA		1/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-0995	EA		1/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.73	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0996	EA		1/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	3.88	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0997	EA		1/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.02	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-0998	EA		1/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	4.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0999	EA		1/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-1000	EA		1/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	4.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-1001	EA		1/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.85	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-1002	EA		1/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	4.95	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-1003	EA		1/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	8.61	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-1004	EA		1/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	13.13	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-1005	EA		1/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	22.90	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
05 05 23 00-1006	EA		1/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	25.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.01	
<b>05 05 23 00-1007</b>			<b>5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)</b>		
05 05 23 00-1008	EA		5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-1009	EA		5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	3.53	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-1010	EA		5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.74	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-1011	EA		5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.89	
			<i>For &gt;100 To 250, Deduct</i>	-0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-0.90	
05 05 23 00-1012	EA		5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.04	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-1013	EA		5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	4.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-1014	EA		5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.59	
			<i>For &gt;100 To 250, Deduct</i>	-0.62	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-0.93	
05 05 23 00-1015	EA		5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	4.78	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-1016	EA		5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-1017	EA		5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	5.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-0.95	
05 05 23 00-1018	EA		5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.78	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	
05 05 23 00-1019	EA		5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	6.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-0.98	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1020	EA 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.27	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-1021	EA 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	13.78	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
<b>05 05 23 00-1022</b>	<b>3/8" Diameter, 316 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0989)		
05 05 23 00-1023	EA 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt.....	3.73	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-1024	EA 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	3.78	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-1025	EA 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	3.98	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-1026	EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	4.44	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-0.75	
	For >500, Deduct	-0.90	
05 05 23 00-1027	EA 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	4.69	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-1028	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	4.77	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-1029	EA 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.17	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-0.77	
	For >500, Deduct	-0.93	
05 05 23 00-1030	EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	5.32	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-1031	EA 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.58	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-1032	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	5.75	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-0.80	
	For >500, Deduct	-0.95	
05 05 23 00-1033	EA 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	6.41	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-1034	EA 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	7.09	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-1035	EA 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	7.12	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-0.98	
05 05 23 00-1036	EA 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	8.94	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
05 05 23 00-1037	EA 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	11.76	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
05 05 23 00-1038	EA 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	14.80	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-0.84	
	For >500, Deduct	-1.01	
<b>05 05 23 00-1039</b>	<b>7/16" Diameter, 316 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0989)		
05 05 23 00-1040	EA 7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	4.95	
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-0.86	
	For >500, Deduct	-1.04	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1041 EA 7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.24	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1042 EA 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.79	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1043 EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	6.34	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1044 EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	6.87	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1045 EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	7.73	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1046 EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	8.64	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1047 EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	8.80	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1048 EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	9.11	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1049 EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.40	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1050 EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	9.62	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1051 EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.85	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1052 EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	10.12	
<i>For &gt;100 To 250, Deduct</i>	-0.76	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.14	
<b>05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989) .....</b>	<b>4.93</b>	
05 05 23 00-1054 EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	4.93	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1055 EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.25	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1056 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	5.69	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1057 EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	6.30	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1058 EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	6.79	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1059 EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	6.91	
<i>For &gt;100 To 250, Deduct</i>	-0.71	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1060 EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	7.20	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1061 EA 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	8.14	
<i>For &gt;100 To 250, Deduct</i>	-0.72	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.09	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1062	EA		1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	10.04	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1063	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	10.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1064	EA		1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	10.56	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1065	EA		1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.92	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1066	EA		1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	14.58	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-1067	EA		1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	15.60	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-1068	EA		1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	17.29	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500, Deduct</i>	-1.14	
05 05 23 00-1069	EA		1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	21.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1070	EA		1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	24.71	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1071	EA		1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	25.19	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1072	EA		1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	25.92	
			<i>For &gt;100 To 250, Deduct</i>	-0.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500, Deduct</i>	-1.16	
<b>05 05 23 00-1073</b>			<b>9/16" Diameter, 316 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0989)		
05 05 23 00-1074	EA		9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	12.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1075	EA		9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	13.86	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1076	EA		9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	17.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.04	
05 05 23 00-1077	EA		9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	19.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1078	EA		9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	21.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1079	EA		9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	23.44	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500, Deduct</i>	-1.06	
05 05 23 00-1080	EA		9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	24.81	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1081	EA		9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	26.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	
05 05 23 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	28.00	
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1083 EA 9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	28.52	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
05 05 23 00-1084 EA 9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	29.84	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.11	
<b>05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-1086 EA 5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	6.96	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1087 EA 5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	7.05	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1088 EA 5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	7.08	
<i>For &gt;100 To 250, Deduct</i>	-0.77	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.16	
05 05 23 00-1089 EA 5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	7.76	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-1090 EA 5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	8.37	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-1091 EA 5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	10.30	
<i>For &gt;100 To 250, Deduct</i>	-0.79	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.19	
05 05 23 00-1092 EA 5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	10.78	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-1093 EA 5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.47	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-1094 EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	13.06	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.21	
05 05 23 00-1095 EA 5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	14.25	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-1096 EA 5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	14.73	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-1097 EA 5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	17.69	
<i>For &gt;100 To 250, Deduct</i>	-0.83	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.24	
05 05 23 00-1098 EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	18.83	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-1099 EA 5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	19.21	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-1100 EA 5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	20.59	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For &gt;500, Deduct</i>	-1.26	
05 05 23 00-1101 EA 5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	21.92	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-1102 EA 5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	23.10	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	
05 05 23 00-1103 EA 5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	28.68	
<i>For &gt;100 To 250, Deduct</i>	-0.86	
<i>For &gt;250 To 500, Deduct</i>	-1.08	
<i>For &gt;500, Deduct</i>	-1.29	

## 05 Metals

## 05 05 Common Work Results For Metals

## 05 05 23 Metal Fastenings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1104	EA 5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	34.64	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
<b>05 05 23 00-1105</b>	<b>3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b>		
05 05 23 00-1106	EA 3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	9.31	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-1107	EA 3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.52	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-1108	EA 3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	10.32	
	For >100 To 250, Deduct	-0.77	
	For >250 To 500, Deduct	-0.97	
	For >500, Deduct	-1.16	
05 05 23 00-1109	EA 3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	11.12	
	For >100 To 250, Deduct	-0.79	
	For >250 To 500, Deduct	-0.99	
	For >500, Deduct	-1.19	
05 05 23 00-1110	EA 3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	12.62	
	For >100 To 250, Deduct	-0.79	
	For >250 To 500, Deduct	-0.99	
	For >500, Deduct	-1.19	
05 05 23 00-1111	EA 3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	13.48	
	For >100 To 250, Deduct	-0.79	
	For >250 To 500, Deduct	-0.99	
	For >500, Deduct	-1.19	
05 05 23 00-1112	EA 3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	15.42	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.21	
05 05 23 00-1113	EA 3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	16.18	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.21	
05 05 23 00-1114	EA 3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	16.60	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.01	
	For >500, Deduct	-1.21	
05 05 23 00-1115	EA 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	17.25	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-1116	EA 3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	18.21	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-1117	EA 3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	21.17	
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.03	
	For >500, Deduct	-1.24	
05 05 23 00-1118	EA 3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	25.53	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-1119	EA 3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	28.85	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-1120	EA 3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	29.36	
	For >100 To 250, Deduct	-0.84	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.26	
05 05 23 00-1121	EA 3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	31.45	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-1122	EA 3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	36.50	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-1123	EA 3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	36.92	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	
05 05 23 00-1124	EA 3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	37.99	
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.08	
	For >500, Deduct	-1.29	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1125				<b>7/8" Diameter, 316 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0989)		
05 05 23 00-1126	EA			7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 10.50		
				For >100 To 250, Deduct	-0.86	
				For >250 To 500, Deduct	-1.08	
				For >500, Deduct	-1.29	
05 05 23 00-1127	EA			7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt ..... 11.89		
				For >100 To 250, Deduct	-0.86	
				For >250 To 500, Deduct	-1.08	
				For >500, Deduct	-1.29	
05 05 23 00-1128	EA			7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 12.74		
				For >100 To 250, Deduct	-0.88	
				For >250 To 500, Deduct	-1.10	
				For >500, Deduct	-1.32	
05 05 23 00-1129	EA			7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt ..... 14.68		
				For >100 To 250, Deduct	-0.88	
				For >250 To 500, Deduct	-1.10	
				For >500, Deduct	-1.32	
05 05 23 00-1130	EA			7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 15.55		
				For >100 To 250, Deduct	-0.88	
				For >250 To 500, Deduct	-1.10	
				For >500, Deduct	-1.32	
05 05 23 00-1131	EA			7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt ..... 16.40		
				For >100 To 250, Deduct	-0.90	
				For >250 To 500, Deduct	-1.12	
				For >500, Deduct	-1.34	
05 05 23 00-1132	EA			7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 17.58		
				For >100 To 250, Deduct	-0.90	
				For >250 To 500, Deduct	-1.12	
				For >500, Deduct	-1.34	
05 05 23 00-1133	EA			7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt ..... 20.23		
				For >100 To 250, Deduct	-0.90	
				For >250 To 500, Deduct	-1.12	
				For >500, Deduct	-1.34	
05 05 23 00-1134	EA			7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 20.38		
				For >100 To 250, Deduct	-0.91	
				For >250 To 500, Deduct	-1.14	
				For >500, Deduct	-1.37	
05 05 23 00-1135	EA			7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt ..... 21.26		
				For >100 To 250, Deduct	-0.91	
				For >250 To 500, Deduct	-1.14	
				For >500, Deduct	-1.37	
05 05 23 00-1136	EA			7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 28.66		
				For >100 To 250, Deduct	-0.91	
				For >250 To 500, Deduct	-1.14	
				For >500, Deduct	-1.37	
05 05 23 00-1137	EA			7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt ..... 32.03		
				For >100 To 250, Deduct	-0.93	
				For >250 To 500, Deduct	-1.16	
				For >500, Deduct	-1.40	
05 05 23 00-1138	EA			7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 35.54		
				For >100 To 250, Deduct	-0.93	
				For >250 To 500, Deduct	-1.16	
				For >500, Deduct	-1.40	
05 05 23 00-1139	EA			7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt ..... 37.27		
				For >100 To 250, Deduct	-0.93	
				For >250 To 500, Deduct	-1.16	
				For >500, Deduct	-1.40	
05 05 23 00-1140	EA			7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 39.61		
				For >100 To 250, Deduct	-0.95	
				For >250 To 500, Deduct	-1.18	
				For >500, Deduct	-1.42	
05 05 23 00-1141	EA			7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt ..... 41.11		
				For >100 To 250, Deduct	-0.95	
				For >250 To 500, Deduct	-1.18	
				For >500, Deduct	-1.42	
05 05 23 00-1142	EA			7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 42.61		
				For >100 To 250, Deduct	-0.95	
				For >250 To 500, Deduct	-1.18	
				For >500, Deduct	-1.42	
05 05 23 00-1143	EA			7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt ..... 44.29		
				For >100 To 250, Deduct	-0.95	
				For >250 To 500, Deduct	-1.18	
				For >500, Deduct	-1.42	
05 05 23 00-1144				<b>1" Diameter, 316 Stainless Steel, Hex Head Bolts</b> (05 05 23 00-0989)		
05 05 23 00-1145	EA			1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt ..... 13.56		
				For >100 To 250, Deduct	-0.86	
				For >250 To 500, Deduct	-1.08	
				For >500, Deduct	-1.29	
05 05 23 00-1146	EA			1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... 15.78		
				For >100 To 250, Deduct	-0.88	
				For >250 To 500, Deduct	-1.10	
				For >500, Deduct	-1.32	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA		1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	17.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-1148	EA		1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	19.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.88	
			<i>For &gt;250 To 500, Deduct</i>	-1.10	
			<i>For &gt;500, Deduct</i>	-1.32	
05 05 23 00-1149	EA		1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	20.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-1150	EA		1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	21.96	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-1151	EA		1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	23.53	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.34	
05 05 23 00-1152	EA		1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	25.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-1153	EA		1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	29.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-1154	EA		1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	33.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.91	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.37	
05 05 23 00-1155	EA		1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	38.77	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-1156	EA		1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	43.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-1157	EA		1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	44.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.93	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.40	
05 05 23 00-1158	EA		1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	45.61	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-1159	EA		1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	46.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-1160	EA		1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	53.85	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-1161	EA		1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	61.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.95	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.42	
05 05 23 00-1162			<b>Screws</b> <small>(05 05 23)</small>		
05 05 23 00-1163			<b>Teks® 5 Self Drilling Screws</b> <small>(05 05 23 00-1162)</small>		
			Note: Screws include Climaseal® finish, self-drill point and tapping threads.		
05 05 23 00-1164	EA		12-24 x 1-1/4", Hex Washer Head, TekS® 5 Self Drilling Screw .....	1.70	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For &gt;100, Deduct</i>	-0.30	
05 05 23 00-1165	EA		12-24 x 1-1/2", Hex Washer Head, TekS® 5 Self Drilling Screw .....	1.79	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For &gt;100, Deduct</i>	-0.31	
05 05 23 00-1166	EA		12-24 x 2", Hex Washer Head, TekS® 5 Self Drilling Screw .....	2.02	
			<i>For &gt;10 To 50, Deduct</i>	-0.08	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For &gt;100, Deduct</i>	-0.33	
05 05 23 00-1167	EA		1/4"-28 x 3", Hex Washer Head, TekS® 5 Self Drilling Screw.....	2.84	
			<i>For &gt;10 To 50, Deduct</i>	-0.10	
			<i>For &gt;50 To 100, Deduct</i>	-0.21	
			<i>For &gt;100, Deduct</i>	-0.43	
05 05 23 00-1168	EA		1/4"-28 x 4", Hex Washer Head, TekS® 5 Self Drilling Screw.....	3.04	
			<i>For &gt;10 To 50, Deduct</i>	-0.10	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100, Deduct</i>	-0.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1169 EA 1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw.....	3.88	
For >10 To 50, Deduct	-0.11	
For >50 To 100, Deduct	-0.25	
For >100, Deduct	-0.51	
05 05 23 00-1170 EA 1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw.....	4.40	
For >10 To 50, Deduct	-0.11	
For >50 To 100, Deduct	-0.28	
For >100, Deduct	-0.55	
<b>05 05 23 00-1171 Security Screws</b> <small>(05 05 23 00-1162)</small>		
<b>05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws</b> <small>(05 05 23 00-1171)</small>		
Note: Includes "security" style drive in machine or sheet metal screw threads.		
05 05 23 00-1173 EA #4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws.....	1.29	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.12	
For >100, Deduct	-0.25	
05 05 23 00-1174 EA #6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.51	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.26	
05 05 23 00-1175 EA #6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	1.69	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.27	
05 05 23 00-1176 EA #6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.75	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.27	
05 05 23 00-1177 EA #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.87	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.28	
05 05 23 00-1178 EA #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.55	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.26	
05 05 23 00-1179 EA #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	1.64	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.26	
05 05 23 00-1180 EA #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.83	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.27	
05 05 23 00-1181 EA #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.88	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.28	
05 05 23 00-1182 EA #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.61	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.26	
05 05 23 00-1183 EA #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	1.63	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.26	
05 05 23 00-1184 EA #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.71	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.27	
05 05 23 00-1185 EA #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.96	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.28	
05 05 23 00-1186 EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	1.75	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100, Deduct	-0.27	
05 05 23 00-1187 EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	1.81	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.27	
05 05 23 00-1188 EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	2.05	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100, Deduct	-0.28	
05 05 23 00-1189 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	2.43	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.15	
For >100, Deduct	-0.30	
<b>05 05 23 00-1190 Threaded Rod</b> <small>(05 05 23)</small>		
Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and		

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
washers.				
<b>05 05 23 00-1191</b>		<b>Plain Finish Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.42	0.34
		<i>For Left Hand Threaded Rod, Add</i>	0.07	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.86	0.38
		<i>For Left Hand Threaded Rod, Add</i>	0.11	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.16	0.43
		<i>For Left Hand Threaded Rod, Add</i>	0.13	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.91	0.44
		<i>For Left Hand Threaded Rod, Add</i>	0.20	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.97	0.46
		<i>For Left Hand Threaded Rod, Add</i>	0.21	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.68	0.46
		<i>For Left Hand Threaded Rod, Add</i>	0.27	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.14	0.47
		<i>For Left Hand Threaded Rod, Add</i>	0.32	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.76	0.49
		<i>For Left Hand Threaded Rod, Add</i>	0.58	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.37	0.50
		<i>For Left Hand Threaded Rod, Add</i>	0.64	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.07	0.57
		<i>For Left Hand Threaded Rod, Add</i>	0.89	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.53	0.64
		<i>For Left Hand Threaded Rod, Add</i>	1.13	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	16.61	0.70
		<i>For Left Hand Threaded Rod, Add</i>	1.52	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	20.65	0.76
		<i>For Left Hand Threaded Rod, Add</i>	1.92	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	24.69	0.79
		<i>For Left Hand Threaded Rod, Add</i>	2.31	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	30.27	0.83
		<i>For Left Hand Threaded Rod, Add</i>	2.86	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	38.66	0.87
		<i>For Left Hand Threaded Rod, Add</i>	3.69	
<b>05 05 23 00-1208</b>		<b>Zinc Plated Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	1.44	0.34
		<i>For Left Hand Threaded Rod, Add</i>	0.07	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.10	0.38
		<i>For Left Hand Threaded Rod, Add</i>	0.13	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.34	0.43
		<i>For Left Hand Threaded Rod, Add</i>	0.15	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.36	0.44
		<i>For Left Hand Threaded Rod, Add</i>	0.25	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.61	0.46
		<i>For Left Hand Threaded Rod, Add</i>	0.27	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.72	0.46
		<i>For Left Hand Threaded Rod, Add</i>	0.38	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.01	0.47
		<i>For Left Hand Threaded Rod, Add</i>	0.41	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	7.51	0.49
		<i>For Left Hand Threaded Rod, Add</i>	0.65	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.71	0.50
		<i>For Left Hand Threaded Rod, Add</i>	0.87	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.02	0.57
		<i>For Left Hand Threaded Rod, Add</i>	1.19	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	16.80	0.64
		<i>For Left Hand Threaded Rod, Add</i>	1.55	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	20.05	0.70
		<i>For Left Hand Threaded Rod, Add</i>	1.86	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	22.78	0.76
		<i>For Left Hand Threaded Rod, Add</i>	2.13	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	28.68	0.79
		<i>For Left Hand Threaded Rod, Add</i>	2.71	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	35.52	0.83
		<i>For Left Hand Threaded Rod, Add</i>	3.39	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	51.81	0.87
		<i>For Left Hand Threaded Rod, Add</i>	5.01	
<b>05 05 23 00-1225</b>		<b>Hot Dipped Galvanized Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	3.83	0.43
		<i>For Left Hand Threaded Rod, Add</i>	0.30	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	5.35	0.46
		<i>For Left Hand Threaded Rod, Add</i>	0.44	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	7.21	0.47
		<i>For Left Hand Threaded Rod, Add</i>	0.63	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	9.88	0.49
		<i>For Left Hand Threaded Rod, Add</i>	0.89	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	13.67	0.50
		<i>For Left Hand Threaded Rod, Add</i>	1.27	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1231 LF 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	17.62 1.65	0.57
05 05 23 00-1232 LF 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	23.17 2.19	0.64
05 05 23 00-1233 LF 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	30.46 2.90	0.70
05 05 23 00-1234 LF 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	34.04 3.25	0.76
05 05 23 00-1235 LF 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	40.51 3.89	0.79
05 05 23 00-1236 LF 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	49.21 4.76	0.83
05 05 23 00-1237 LF 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	85.86 8.41	0.87
<b>05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod</b> (05 05 23 00-1190)		
05 05 23 00-1239 LF 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	1.83 0.11	0.34
05 05 23 00-1240 LF 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	2.70 0.19	0.38
05 05 23 00-1241 LF 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	3.45 0.26	0.43
05 05 23 00-1242 LF 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	4.74 0.38	0.44
05 05 23 00-1243 LF 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	5.66 0.47	0.46
05 05 23 00-1244 LF 9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	8.07 0.71	0.46
05 05 23 00-1245 LF 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	8.42 0.75	0.47
05 05 23 00-1246 LF 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	11.72 1.07	0.49
05 05 23 00-1247 LF 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	16.07 1.51	0.50
05 05 23 00-1248 LF 1" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	20.58 1.94	0.57
05 05 23 00-1249 LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	43.39 4.20	0.70
05 05 23 00-1250 LF 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	65.96 6.44	0.79
05 05 23 00-1251 LF 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	67.85 6.62	0.83
05 05 23 00-1252 LF 2" Diameter, 304/18-8 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	93.79 9.21	0.87
<b>05 05 23 00-1253 316 Stainless Steel Threaded Rod</b> (05 05 23 00-1190)		
05 05 23 00-1254 LF 1/4" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	2.60 0.19	0.34
05 05 23 00-1255 LF 5/16" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	4.11 0.34	0.38
05 05 23 00-1256 LF 3/8" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	5.43 0.46	0.43
05 05 23 00-1257 LF 7/16" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	8.40 0.75	0.44
05 05 23 00-1258 LF 1/2" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	8.90 0.80	0.46
05 05 23 00-1259 LF 9/16" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	11.63 1.07	0.46
05 05 23 00-1260 LF 5/8" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	12.51 1.16	0.47
05 05 23 00-1261 LF 3/4" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	18.15 1.72	0.49
05 05 23 00-1262 LF 7/8" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	24.80 2.38	0.50
05 05 23 00-1263 LF 1" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	31.35 3.02	0.57
05 05 23 00-1264 LF 1-1/4" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	66.02 6.46	0.70
05 05 23 00-1265 LF 1-1/2" Diameter, 316 Stainless Steel Threaded Rod ..... <i>For Left Hand Threaded Rod, Add</i>	86.48 8.49	0.79
<b>05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod</b> (05 05 23 00-1190)		
05 05 23 00-1267 LF 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod ..... <i>For Zinc Plating, Add</i>	2.45 0.88	0.34
05 05 23 00-1268 LF 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod ..... <i>For Zinc Plating, Add</i>	3.75 1.50	0.38
05 05 23 00-1269 LF 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod ..... <i>For Zinc Plating, Add</i>	3.94 1.54	0.43
05 05 23 00-1270 LF 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod ..... <i>For Zinc Plating, Add</i>	4.30 1.70	0.44

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1271	LF		1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	4.73	0.46
			<i>For Zinc Plating, Add</i>	1.91	
05 05 23 00-1272	LF		9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	5.90	0.46
			<i>For Zinc Plating, Add</i>	2.48	
05 05 23 00-1273	LF		5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	6.10	0.47
			<i>For Zinc Plating, Add</i>	2.57	
05 05 23 00-1274	LF		3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	8.08	0.49
			<i>For Zinc Plating, Add</i>	3.55	
05 05 23 00-1275	LF		7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	9.69	0.50
			<i>For Zinc Plating, Add</i>	4.34	
05 05 23 00-1276	LF		1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	12.56	0.57
			<i>For Zinc Plating, Add</i>	5.71	
05 05 23 00-1277	LF		1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	16.35	0.64
			<i>For Zinc Plating, Add</i>	7.54	
05 05 23 00-1278	LF		1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	18.20	0.70
			<i>For Zinc Plating, Add</i>	8.38	
05 05 23 00-1279	LF		1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	21.00	0.76
			<i>For Zinc Plating, Add</i>	9.75	
05 05 23 00-1280	LF		1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	25.53	0.79
			<i>For Zinc Plating, Add</i>	11.98	
05 05 23 00-1281	LF		1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	26.39	0.83
			<i>For Zinc Plating, Add</i>	12.38	
05 05 23 00-1282	LF		2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod .....	35.43	0.87
			<i>For Zinc Plating, Add</i>	16.85	

**05 05 23 00-1283 Nuts And Washers (05 05 23)****05 05 23 00-1284 Hex Nuts (05 05 23 00-1283)****05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)**

05 05 23 00-1286	EA		1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.28	0.12
05 05 23 00-1287	EA		5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.31	0.12
05 05 23 00-1288	EA		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.33	0.12
05 05 23 00-1289	EA		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.40	0.12
05 05 23 00-1290	EA		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.44	0.12
05 05 23 00-1291	EA		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.61	0.12
05 05 23 00-1292	EA		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.64	0.12
05 05 23 00-1293	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.77	0.24
05 05 23 00-1294	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	1.17	0.24
05 05 23 00-1295	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	1.51	0.24
05 05 23 00-1296	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	2.56	0.24
05 05 23 00-1297	EA		1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	3.15	0.24
05 05 23 00-1298	EA		1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	4.71	0.24
05 05 23 00-1299	EA		1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	5.49	0.35
05 05 23 00-1300	EA		1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	8.13	0.35
05 05 23 00-1301	EA		2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	11.84	0.35

**05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)**

05 05 23 00-1303	EA		1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.29	0.12
05 05 23 00-1304	EA		5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.32	0.12
05 05 23 00-1305	EA		3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.35	0.12
05 05 23 00-1306	EA		7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.42	0.12
05 05 23 00-1307	EA		1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.51	0.12
05 05 23 00-1308	EA		9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.63	0.12
05 05 23 00-1309	EA		5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.65	0.12
05 05 23 00-1310	EA		3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	0.89	0.24
05 05 23 00-1311	EA		7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	1.29	0.24
05 05 23 00-1312	EA		1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	1.86	0.24
05 05 23 00-1313	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	2.91	0.24
05 05 23 00-1314	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	4.17	0.24
05 05 23 00-1315	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	6.20	0.24
05 05 23 00-1316	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	6.87	0.35
05 05 23 00-1317	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	12.53	0.35
05 05 23 00-1318	EA		2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut .....	18.05	0.35

**05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)**

05 05 23 00-1320	EA		1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.30	0.12
05 05 23 00-1321	EA		5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.35	0.12
05 05 23 00-1322	EA		3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.38	0.12
05 05 23 00-1323	EA		7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.49	0.12
05 05 23 00-1324	EA		1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.61	0.12
05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.75	0.12
05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	0.87	0.12
05 05 23 00-1327	EA		3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	1.10	0.24
05 05 23 00-1328	EA		7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	1.71	0.24
05 05 23 00-1329	EA		1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	2.29	0.24
05 05 23 00-1330	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	3.67	0.24
05 05 23 00-1331	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	4.61	0.24
05 05 23 00-1332	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....	7.70	0.24



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1333 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	8.19	0.35
05 05 23 00-1334 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	12.57	0.35
05 05 23 00-1335 EA 2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	17.85	0.35
<b>05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts</b> <small>(05 05 23 00-1284)</small>		
05 05 23 00-1337 EA 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.30	0.12
05 05 23 00-1338 EA 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.34	0.12
05 05 23 00-1339 EA 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.37	0.12
05 05 23 00-1340 EA 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.48	0.12
05 05 23 00-1341 EA 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.57	0.12
05 05 23 00-1342 EA 9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.64	0.12
05 05 23 00-1343 EA 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.72	0.12
05 05 23 00-1344 EA 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.99	0.24
05 05 23 00-1345 EA 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.49	0.24
05 05 23 00-1346 EA 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	2.09	0.24
05 05 23 00-1347 EA 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	3.54	0.24
05 05 23 00-1348 EA 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	4.58	0.24
05 05 23 00-1349 EA 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	6.88	0.24
05 05 23 00-1350 EA 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	8.06	0.35
05 05 23 00-1351 EA 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	14.18	0.35
05 05 23 00-1352 EA 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	24.68	0.35
<b>05 05 23 00-1353 304 Stainless Steel Hex Nuts</b> <small>(05 05 23 00-1284)</small>		
05 05 23 00-1354 EA 1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.33	0.12
05 05 23 00-1355 EA 5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.40	0.12
05 05 23 00-1356 EA 3/8" Diameter, 304 Stainless Steel Hex Nut.....	0.45	0.12
05 05 23 00-1357 EA 7/16" Diameter, 304 Stainless Steel Hex Nut.....	0.69	0.12
05 05 23 00-1358 EA 1/2" Diameter, 304 Stainless Steel Hex Nut.....	0.76	0.12
05 05 23 00-1359 EA 9/16" Diameter, 304 Stainless Steel Hex Nut.....	1.18	0.12
05 05 23 00-1360 EA 5/8" Diameter, 304 Stainless Steel Hex Nut.....	1.32	0.12
05 05 23 00-1361 EA 3/4" Diameter, 304 Stainless Steel Hex Nut.....	1.53	0.24
05 05 23 00-1362 EA 7/8" Diameter, 304 Stainless Steel Hex Nut.....	2.55	0.24
05 05 23 00-1363 EA 1" Diameter, 304 Stainless Steel Hex Nut.....	3.94	0.24
05 05 23 00-1364 EA 1-1/4" Diameter, 304 Stainless Steel Hex Nut.....	9.59	0.24
05 05 23 00-1365 EA 1-1/2" Diameter, 304 Stainless Steel Hex Nut.....	18.53	0.35
05 05 23 00-1366 EA 1-3/4" Diameter, 304 Stainless Steel Hex Nut.....	32.66	0.35
05 05 23 00-1367 EA 2" Diameter, 304 Stainless Steel Hex Nut.....	46.60	0.35
<b>05 05 23 00-1368 316 Stainless Steel Hex Nuts</b> <small>(05 05 23 00-1284)</small>		
05 05 23 00-1369 EA 1/4" Diameter, 316 Stainless Steel Hex Nut.....	0.40	0.12
05 05 23 00-1370 EA 5/16" Diameter, 316 Stainless Steel Hex Nut.....	0.45	0.12
05 05 23 00-1371 EA 3/8" Diameter, 316 Stainless Steel Hex Nut.....	0.55	0.12
05 05 23 00-1372 EA 7/16" Diameter, 316 Stainless Steel Hex Nut.....	0.93	0.12
05 05 23 00-1373 EA 1/2" Diameter, 316 Stainless Steel Hex Nut.....	1.01	0.12
05 05 23 00-1374 EA 9/16" Diameter, 316 Stainless Steel Hex Nut.....	1.39	0.12
05 05 23 00-1375 EA 5/8" Diameter, 316 Stainless Steel Hex Nut.....	1.58	0.12
05 05 23 00-1376 EA 3/4" Diameter, 316 Stainless Steel Hex Nut.....	2.23	0.24
05 05 23 00-1377 EA 7/8" Diameter, 316 Stainless Steel Hex Nut.....	3.12	0.24
05 05 23 00-1378 EA 1" Diameter, 316 Stainless Steel Hex Nut.....	4.85	0.24
05 05 23 00-1379 EA 1-1/4" Diameter, 316 Stainless Steel Hex Nut.....	14.94	0.24
05 05 23 00-1380 EA 1-1/2" Diameter, 316 Stainless Steel Hex Nut.....	24.23	0.35
05 05 23 00-1381 EA 1-3/4" Diameter, 316 Stainless Steel Hex Nut.....	40.97	0.35
05 05 23 00-1382 EA 2" Diameter, 316 Stainless Steel Hex Nut.....	76.27	0.35
<b>05 05 23 00-1383 Flat Washers</b> <small>(05 05 23 00-1283)</small>		
<b>05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers</b> <small>(05 05 23 00-1383)</small>		
05 05 23 00-1385 EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.03	
05 05 23 00-1386 EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.04	
05 05 23 00-1387 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.08	
05 05 23 00-1388 EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.12	
05 05 23 00-1389 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.17	
05 05 23 00-1390 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.19	
05 05 23 00-1391 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.33	
05 05 23 00-1392 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.47	
05 05 23 00-1393 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.56	
05 05 23 00-1394 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.68	
05 05 23 00-1395 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.77	
05 05 23 00-1396 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.92	
05 05 23 00-1397 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.45	
05 05 23 00-1398 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.48	
05 05 23 00-1399 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.20	
05 05 23 00-1400 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.73	
<b>05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers</b> <small>(05 05 23 00-1383)</small>		

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.10	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.14	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.16	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.21	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.29	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.47	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.67	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		0.94	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		1.58	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		1.75	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		2.54	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		2.78	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		3.66	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		4.18	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		5.62	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....		6.75	
<b>05 05 23 00-1418</b>		<b>Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)</b>			
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.07	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.09	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.11	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.20	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.25	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.41	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.46	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.70	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		0.98	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		1.08	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		1.65	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		1.84	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		2.62	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		2.84	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....		4.12	
<b>05 05 23 00-1434</b>		<b>304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)</b>			
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.07	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.09	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.13	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.25	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.45	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.56	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.82	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		0.84	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		1.77	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		2.24	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		2.61	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		2.81	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		2.97	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		3.62	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		4.50	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....		8.84	
<b>05 05 23 00-1451</b>		<b>316 Stainless Steel Flat Washers (05 05 23 00-1383)</b>			
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....		0.14	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....		0.15	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....		0.27	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....		0.32	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....		0.58	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....		1.05	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....		1.24	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....		1.56	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....		2.42	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer.....		2.70	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer.....		3.08	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....		3.79	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....		4.00	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....		4.10	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....		6.00	
<b>05 05 23 00-1467</b>		<b>Lock Washers (05 05 23 00-1283)</b>			
<b>05 05 23 00-1468</b>		<b>Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)</b>			
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....		0.01	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....		0.02	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....		0.03	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....		0.05	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer.....		0.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1474 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.011	
05 05 23 00-1475 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.012	
05 05 23 00-1476 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.019	
05 05 23 00-1477 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.031	
05 05 23 00-1478 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.056	
05 05 23 00-1479 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.082	
05 05 23 00-1480 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.125	
05 05 23 00-1481 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.198	
05 05 23 00-1482 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.233	
05 05 23 00-1483 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.416	
05 05 23 00-1484 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	.469	
<b>05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers</b> <small>(05 05 23 00-1467)</small>		
05 05 23 00-1486 EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.005	
05 05 23 00-1487 EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.006	
05 05 23 00-1488 EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.008	
05 05 23 00-1489 EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.009	
05 05 23 00-1490 EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.014	
05 05 23 00-1491 EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.018	
05 05 23 00-1492 EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.021	
05 05 23 00-1493 EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.036	
05 05 23 00-1494 EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.052	
05 05 23 00-1495 EA 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.082	
05 05 23 00-1496 EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.148	
05 05 23 00-1497 EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.176	
05 05 23 00-1498 EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.254	
05 05 23 00-1499 EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.291	
05 05 23 00-1500 EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.394	
05 05 23 00-1501 EA 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	.536	
<b>05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers</b> <small>(05 05 23 00-1467)</small>		
05 05 23 00-1503 EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.006	
05 05 23 00-1504 EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.008	
05 05 23 00-1505 EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.012	
05 05 23 00-1506 EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.022	
05 05 23 00-1507 EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.024	
05 05 23 00-1508 EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.058	
05 05 23 00-1509 EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.068	
05 05 23 00-1510 EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.080	
05 05 23 00-1511 EA 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.144	
05 05 23 00-1512 EA 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.203	
05 05 23 00-1513 EA 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.355	
05 05 23 00-1514 EA 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.472	
05 05 23 00-1515 EA 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.600	
05 05 23 00-1516 EA 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	.720	
<b>05 05 23 00-1517 316 Stainless Steel Lock Washers</b> <small>(05 05 23 00-1467)</small>		
05 05 23 00-1518 EA 1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	.007	
05 05 23 00-1519 EA 5/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	.016	
05 05 23 00-1520 EA 3/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	.018	
05 05 23 00-1521 EA 7/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	.031	
05 05 23 00-1522 EA 1/2" Inside Diameter, 316 Stainless Steel Lock Washer .....	.034	
05 05 23 00-1523 EA 9/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	.062	
05 05 23 00-1524 EA 5/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	.068	
05 05 23 00-1525 EA 3/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	.117	
05 05 23 00-1526 EA 7/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	.194	
05 05 23 00-1527 EA 1" Inside Diameter, 316 Stainless Steel Lock Washer .....	.263	
05 05 23 00-1528 EA 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	.368	
05 05 23 00-1529 EA 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	.566	
05 05 23 00-1530 EA 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	.1012	
05 05 23 00-1531 EA 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer .....	.11.24	
<b>05 05 23 00-1532 Load Indicating Washers</b> <small>(05 05 23 00-1283)</small>		
<b>05 05 23 00-1533 A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> <small>(05 05 23 00-1532)</small>		
<b>05 05 23 00-1534 Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> <small>(05 05 23 00-1533)</small>		
05 05 23 00-1535 EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.1.36	
05 05 23 00-1536 EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.1.54	
05 05 23 00-1537 EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.1.66	
05 05 23 00-1538 EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.1.88	
05 05 23 00-1539 EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.2.27	
05 05 23 00-1540 EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.3.78	
05 05 23 00-1541 EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.4.88	
05 05 23 00-1542 EA 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959) .....	.6.23	

**05 Metals****05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1543 EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	6.86	
<b>05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)</b>		
05 05 23 00-1545 EA 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	1.72	
05 05 23 00-1546 EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	1.91	
05 05 23 00-1547 EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	1.86	
05 05 23 00-1548 EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.27	
05 05 23 00-1549 EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.69	
05 05 23 00-1550 EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.06	
05 05 23 00-1551 EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	5.11	
05 05 23 00-1552 EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	7.27	
05 05 23 00-1553 EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	8.00	
<b>05 05 23 00-1554 Beveled Washers (05 05 23 00-1283)</b>		
<b>05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)</b>		
05 05 23 00-1556 EA 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	2.24	
05 05 23 00-1557 EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	2.29	
05 05 23 00-1558 EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	2.34	
05 05 23 00-1559 EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	2.84	
05 05 23 00-1560 EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	2.99	
<b>05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)</b>		
05 05 23 00-1562 EA 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....	3.22	
05 05 23 00-1563 EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	3.37	
05 05 23 00-1564 EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....	3.37	
05 05 23 00-1565 EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	3.56	
05 05 23 00-1566 EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436).....	3.79	
<b>05 05 23 00-1567 Drilling In Steel Plates (05 05 23)</b>		
05 05 23 00-1568 EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	9.04	
For Aluminum, Deduct	-0.90	
For Stainless Steel, Add	1.13	
05 05 23 00-1569 EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate.....	10.63	
For Aluminum, Deduct	-1.06	
For Stainless Steel, Add	1.33	
05 05 23 00-1570 EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	12.76	
For Aluminum, Deduct	-1.28	
For Stainless Steel, Add	1.60	
05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....	14.89	
For Aluminum, Deduct	-1.49	
For Stainless Steel, Add	1.86	
05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....	19.93	
For Aluminum, Deduct	-1.99	
For Stainless Steel, Add	2.49	
05 05 23 00-1573 EA Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	10.63	
For Aluminum, Deduct	-1.06	
For Stainless Steel, Add	1.33	
05 05 23 00-1574 EA >1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	13.29	
For Aluminum, Deduct	-1.33	
For Stainless Steel, Add	1.66	
05 05 23 00-1575 EA >7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	15.95	
For Aluminum, Deduct	-1.60	
For Stainless Steel, Add	1.99	
05 05 23 00-1576 EA >1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	19.93	
For Aluminum, Deduct	-1.99	
For Stainless Steel, Add	2.49	
05 05 23 00-1577 EA Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	13.29	
For Aluminum, Deduct	-1.33	
For Stainless Steel, Add	1.66	
05 05 23 00-1578 EA >1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	17.55	
For Aluminum, Deduct	-1.76	
For Stainless Steel, Add	2.19	
05 05 23 00-1579 EA >7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	21.26	
<b>05 05 23 00-1580 Welded Stud Anchors (05 05 23)</b>		
05 05 23 00-1581 EA 1/4" Diameter x 1-1/8" Long, Welded Stud Concrete Anchors.....	1.84	
05 05 23 00-1582 EA 1/4" Diameter x 2-1/16" Long, Welded Stud Concrete Anchors.....	1.87	
05 05 23 00-1583 EA 1/4" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors.....	1.88	
05 05 23 00-1584 EA 1/4" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors.....	1.89	
05 05 23 00-1585 EA 3/8" Diameter x 1-3/8" Long, Welded Stud Concrete Anchors.....	1.90	
05 05 23 00-1586 EA 3/8" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors.....	1.97	
05 05 23 00-1587 EA 3/8" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors.....	2.03	
05 05 23 00-1588 EA 3/8" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors.....	2.07	
05 05 23 00-1589 EA 3/8" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors.....	2.10	
05 05 23 00-1590 EA 3/8" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors.....	2.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1591 EA 3/8" Diameter x 5-1/8" Long, Welded Stud Concrete Anchors.....	2.35	
05 05 23 00-1592 EA 3/8" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors.....	2.44	
05 05 23 00-1593 EA 1/2" Diameter x 1-1/2" Long, Welded Stud Concrete Anchors.....	2.24	
05 05 23 00-1594 EA 1/2" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors.....	2.25	
05 05 23 00-1595 EA 1/2" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors.....	2.36	
05 05 23 00-1596 EA 1/2" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors.....	2.45	
05 05 23 00-1597 EA 1/2" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors.....	2.57	
05 05 23 00-1598 EA 1/2" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors.....	2.76	
05 05 23 00-1599 EA 1/2" Diameter x 5-5/16" Long, Welded Stud Concrete Anchors.....	2.88	
05 05 23 00-1600 EA 1/2" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors.....	3.21	
05 05 23 00-1601 EA 1/2" Diameter x 8-1/8" Long, Welded Stud Concrete Anchors.....	3.83	
05 05 23 00-1602 EA 5/8" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors.....	3.00	
05 05 23 00-1603 EA 5/8" Diameter x 3-3/16" Long, Welded Stud Concrete Anchors.....	3.15	
05 05 23 00-1604 EA 5/8" Diameter x 3-11/16" Long, Welded Stud Concrete Anchors.....	3.28	
05 05 23 00-1605 EA 5/8" Diameter x 4-3/16" Long, Welded Stud Concrete Anchors.....	3.41	
05 05 23 00-1606 EA 5/8" Diameter x 4-11/16" Long, Welded Stud Concrete Anchors.....	3.51	
05 05 23 00-1607 EA 5/8" Diameter x 5-3/16" Long, Welded Stud Concrete Anchors.....	3.61	
05 05 23 00-1608 EA 5/8" Diameter x 6-3/16" Long, Welded Stud Concrete Anchors.....	3.74	
05 05 23 00-1609 EA 5/8" Diameter x 6-9/16" Long, Welded Stud Concrete Anchors.....	4.27	
05 05 23 00-1610 EA 5/8" Diameter x 8-3/16" Long, Welded Stud Concrete Anchors.....	5.01	

**05 05 23 00-1611 Welded Shear Stud Connector** (05 05 23)

**05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector** (05 05 23 00-1611)

05 05 23 00-1613 EA 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	3.72	
05 05 23 00-1614 EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector.....	3.83	
05 05 23 00-1615 EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector.....	3.86	
05 05 23 00-1616 EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	3.87	
05 05 23 00-1617 EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector.....	4.00	
05 05 23 00-1618 EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector.....	4.23	
05 05 23 00-1619 EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector.....	6.49	
05 05 23 00-1620 EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	4.51	
05 05 23 00-1621 EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector.....	4.92	
05 05 23 00-1622 EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	6.89	
05 05 23 00-1623 EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	7.02	
05 05 23 00-1624 EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	7.47	
05 05 23 00-1625 EA 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	9.36	

**05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector** (05 05 23 00-1611)

05 05 23 00-1627 EA 7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	4.28	
05 05 23 00-1628 EA 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector.....	4.46	
05 05 23 00-1629 EA 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	4.64	
05 05 23 00-1630 EA 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	5.16	
05 05 23 00-1631 EA 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	7.17	
05 05 23 00-1632 EA 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	7.71	
05 05 23 00-1633 EA 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	8.25	
05 05 23 00-1634 EA 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	9.77	

**05 05 23 00-1635 1" Diameter Welded Shear Stud Connector** (05 05 23 00-1611)

05 05 23 00-1636 EA 1" Diameter x 3-1/4" Long, Welded Shear Stud Connector.....	5.46	
05 05 23 00-1637 EA 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector.....	6.01	
05 05 23 00-1638 EA 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector.....	6.83	
05 05 23 00-1639 EA 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector.....	9.21	
05 05 23 00-1640 EA 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector.....	10.07	
05 05 23 00-1641 EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector.....	10.93	

**05 10 Structural Metal Framing** (05)

**05 12 Structural Steel Framing** (05 10)

**05 12 23 Structural Steel For Buildings** (05 12)

Note: Prices are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection. Excludes moment connection welding. See CSI section 05 12 23 00-0101 for field fabrication of additional structural metal connections, 05 12 23 00-0116 for moment connection welding.

**05 12 23 00-0001 Rolled Steel Members** (05 12 23)

**05 12 23 00-0002 Beams, Girders And Columns** (05 12 23 00-0001)

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON Up To 30 LB/LF Beams, Girders And Columns.....	5,610.79	740.80
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	326.26	
	<i>For Hot Dip Galvanizing, Add</i>	1,141.90	
05 12 23 00-0004	TON >30-65 LB/LF Beams, Girders And Columns.....	3,857.88	478.87
	<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	267.76	
	<i>For Hot Dip Galvanizing, Add</i>	937.17	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0005	TON		>65-100 LB/LF Beams, Girders And Columns..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,258.80 237.72 832.00	269.40
05 12 23 00-0006	TON		>100-300 LB/LF Beams, Girders And Columns..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,184.58 162.51 568.77	143.39
<b>05 12 23 00-0007</b>			<b>Trusses, Built-Up</b> (05 12 23 00-0001)		
05 12 23 00-0008	TON		Built-Up Trusses, Rolled Structural Steel Members..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,093.05 284.48 995.66	503.81
<b>05 12 23 00-0009</b>			<b>Shapes</b> (05 12 23 00-0001)		
<b>05 12 23 00-0010</b>			<b>Rolled Shape Steel Angles</b> (05 12 23 00-0009)		
05 12 23 00-0011	TON		Up To 10 LB/LF Rolled Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	8,184.79 471.16 1,649.07	1,377.15
05 12 23 00-0012	TON		>10-20 LB/LF Rolled Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	7,166.51 450.72 1,577.50	808.19
05 12 23 00-0013	TON		>20-58 LB/LF Rolled Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	5,466.87 396.49 1,387.71	478.87
<b>05 12 23 00-0014</b>			<b>Rolled C, MC Steel Channels</b> (05 12 23 00-0009)		
05 12 23 00-0015	TON		Up To 10 LB/LF Rolled C, MC Steel Channels..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	8,958.38 464.05 1,624.18	1,885.77
05 12 23 00-0016	TON		>10-20 LB/LF Rolled C, MC Steel Channels..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	7,088.73 444.49 1,555.72	1,436.77
05 12 23 00-0017	TON		>20-58 LB/LF Rolled C, MC Steel Channels..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	5,377.97 389.38 1,362.81	478.87
<b>05 12 23 00-0018</b>			<b>Double L Shape Steel Angles</b> (05 12 23 00-0009)		
05 12 23 00-0019	TON		Up To 20 LB/LF Double L Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	7,579.99 453.38 1,586.84	1,092.67
05 12 23 00-0020	TON		>20-50 LB/LF Double L Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	5,844.69 426.71 1,493.49	478.87
05 12 23 00-0021	TON		>50-80 LB/LF Double L Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,398.92 328.92 1,151.24	269.40
05 12 23 00-0022	TON		>80-115 LB/LF Double L Shape Steel Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,819.98 213.36 746.75	143.61
<b>05 12 23 00-0023</b>			<b>Structural WT, MT, ST Tee Shapes</b> (05 12 23 00-0001)		
05 12 23 00-0024	TON		Up To 30 LB/LF Structural WT, MT, ST Tee Shapes..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	6,866.48 426.71 1,493.49	808.19
05 12 23 00-0025	TON		>30-65 LB/LF Structural WT, MT, ST Tee Shapes..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,589.07 326.26 1,141.90	478.87
05 12 23 00-0026	TON		>65-100 LB/LF Structural WT, MT, ST Tee Shapes..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,621.05 266.70 933.43	269.40
05 12 23 00-0027	TON		>100-365 LB/LF Structural WT, MT, ST Tee Shapes..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,664.63 200.91 703.19	143.39
<b>05 12 23 00-0028</b>			<b>Combination Section Shapes</b> (05 12 23 00-0001)		
<b>05 12 23 00-0029</b>			<b>Combination Section, W Shapes And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0030	TON		Up To 30 LB/LF Combination Section - W Shapes And Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	6,522.00 399.15 1,397.04	808.19
05 12 23 00-0031	TON		>30-65 LB/LF Combination Section - W Shapes And Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,622.41 328.92 1,151.24	478.87
05 12 23 00-0032	TON		>65-100 LB/LF Combination Section - W Shapes And Angles..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,343.24 244.47 855.65	269.40





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0033 TON >100-300 LB/LF Combination Section - W Shapes And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2,886.65 218.69 765.42	143.39
05 12 23 00-0034 TON >300-500 LB/LF Combination Section - W Shapes And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2,488.01 192.91 675.19	71.98
<b>05 12 23 00-0035 Combination Section, S Shapes And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0036 TON >30-65 LB/LF Combination Section - S Shapes And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,444.61 314.70 1,101.45	478.87
05 12 23 00-0037 TON >65-100 LB/LF Combination Section - S Shapes And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,354.36 245.36 858.76	269.40
<b>05 12 23 00-0038 Combination Section, Channels And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0039 TON Up To 30 LB/LF Combination Section - Channels And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,866.48 426.71 1,493.49	808.19
05 12 23 00-0040 TON >30-65 LB/LF Combination Section - Channels And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,844.65 346.70 1,213.46	478.87
05 12 23 00-0041 TON >65-100 LB/LF Combination Section - Channels And Angles ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,432.14 251.58 880.54	269.40
<b>05 12 23 00-0042 Standard Weight Pipe</b> (05 12 23 00-0001)		
05 12 23 00-0043 TON 1/2" To 5" Diameter Standard Weight Pipe ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,926.81 277.36 970.77	431.04
05 12 23 00-0044 TON >5" To 12" Diameter Standard Weight Pipe ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,197.32 289.81 1,014.33	538.79
<b>05 12 23 00-0045 Structural Steel Shapes</b> (05 12 23)		
<b>05 12 23 00-0046 Steel Rods</b> (05 12 23 00-0045)		
05 12 23 00-0047 TON 1/2" To 5" Diameter Extra Strong Steel, Solid ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,226.28 309.37 1,082.78	336.78
05 12 23 00-0048 TON >5" To 12" Diameter Extra Strong Steel, Solid ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,844.65 346.70 1,213.46	478.87
<b>05 12 23 00-0049 Column Base Plates</b> (05 12 23 00-0045)		
05 12 23 00-0050 LB Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2.18 0.13 0.47	0.48
05 12 23 00-0051 LB Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2.04 0.13 0.44	0.41
05 12 23 00-0052 TON Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,898.67 275.00 962.49	432.39
05 12 23 00-0053 TON Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	2,763.00 198.90 696.16	259.44
<b>05 12 23 00-0054 Double Extra Strong Pipes</b> (05 12 23 00-0045)		
05 12 23 00-0055 TON 2" To 5" Diameter Double Extra Strong Pipe ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,079.51 353.82 1,238.36	615.73
05 12 23 00-0056 TON >5" To 8" Diameter Double Extra Strong Pipe ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,554.12 336.04 1,176.13	331.53
<b>05 12 23 00-0057 Structural Pipes</b> (05 12 23 00-0045)		
05 12 23 00-0058 TON 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,549.16 248.92 871.21	284.48
05 12 23 00-0059 TON >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	3,835.27 248.92 871.21	328.09
<b>05 12 23 00-0060 Structural Tubing</b> (05 12 23 00-0045)		

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>05 12 23 00-0061</b>	<b>Rectangle Structural Tubing</b> <small>(05 12 23 00-0060)</small>		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,862.67 444.49 1,555.72	287.36
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,909.83 444.49 1,555.72	331.53
05 12 23 00-0064	TON 5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,161.43 382.26 1,337.92	359.20
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,904.70 355.59 1,244.58	431.04
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,622.41 328.92 1,151.24	478.87
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,818.46 328.92 1,151.24	662.71
05 12 23 00-0068	TON 10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,134.94 336.04 1,176.13	876.08
05 12 23 00-0069	TON 12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,265.70 339.59 1,188.57	956.97
05 12 23 00-0070	TON 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,394.33 339.59 1,188.57	1,077.59
05 12 23 00-0071	TON 16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,615.20 336.04 1,176.13	2,263.86
05 12 23 00-0072	TON 18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,621.90 327.15 1,145.01	1,436.77
05 12 23 00-0073	TON 20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	7,837.42 344.93 1,207.24	3,305.53

<b>05 12 23 00-0074</b>	<b>Square Structural Tubing</b> <small>(05 12 23 00-0060)</small>		
05 12 23 00-0075	TON 2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,843.52 444.49 1,555.72	269.40
05 12 23 00-0076	TON 2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,862.67 444.49 1,555.72	287.36
05 12 23 00-0077	TON 3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,272.56 391.15 1,369.04	359.20
05 12 23 00-0078	TON 3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,238.06 382.26 1,337.92	431.04
05 12 23 00-0079	TON 4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,219.55 291.59 1,020.56	538.79
05 12 23 00-0080	TON 5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,301.65 291.59 1,020.56	615.73
05 12 23 00-0081	TON 6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,564.38 291.59 1,020.56	862.07
05 12 23 00-0082	TON 7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	4,860.94 296.92 1,039.22	1,077.59
05 12 23 00-0083	TON 8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	5,844.15 344.93 1,207.24	1,436.77
05 12 23 00-0084	TON 10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,610.43 344.93 1,207.24	2,155.17
05 12 23 00-0085	TON 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	6,409.69 296.92 1,039.22	2,529.52
05 12 23 00-0086	TON 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	7,748.52 337.81 1,182.35	3,305.53
05 12 23 00-0087	TON 16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add</i>	8,909.27 344.93 1,207.24	4,310.34

<b>05 12 23 00-0088</b>	<b>Structural Shapes</b> <small>(05 12 23 00-0045)</small>		
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<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;20 To 50 LB/LF, Deduct</i> <i>For &gt;50 To 75 LB/LF, Deduct</i> <i>For &gt;75 To 100 LB/LF, Deduct</i>	6,483.57 299.06 1,046.71 -785.62 -1,247.07 -1,708.51	1,729.55
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel ..... Note: Up to 21.5 LB per SF <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;21.5 To 50 LB/LF, Deduct</i>	4,475.99 284.48 995.69 -493.60	691.81
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF) .....	2.59	0.15
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports.....	3.15	0.15
<b>05 12 23 00-0093</b>		<b>Built-Up Trusses</b> (05 12 23 00-0045)		
05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up.....	4,752.60	215.52
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up .....	4,694.87	119.69
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up .....	4,179.17	63.37
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up .....	4,064.29	59.91
<b>05 12 23 00-0098</b>		<b>Accessories For Steel</b> (05 12 23)		
<b>05 12 23 00-0099</b>		<b>Field Painting For Touch-Up Of Shop Prime Coat</b> (05 12 23 00-0098)		
05 12 23 00-0100	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	0.60	
<b>05 12 23 00-0101</b>		<b>Connection And Stiffener Plates</b> (05 12 23 00-0098) Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0102	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	10,265.87	
05 12 23 00-0103	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	8,758.79	
05 12 23 00-0104	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0105	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0106	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0107	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0108	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0109	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0110	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	6,350.02	
05 12 23 00-0111	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	6,350.02	
05 12 23 00-0112	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	6,350.02	
<b>05 12 23 00-0113</b>		<b>Spot Welding</b> (05 12 23 00-0098)		
05 12 23 00-0114	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	7.65 1.17 1.94	
05 12 23 00-0115	EA	>15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	6.23 1.11 1.78	
<b>05 12 23 00-0116</b>		<b>Field Welding (Seam And Stitch Welding)</b> (05 12 23 00-0098)		
<b>05 12 23 00-0117</b>		<b>Vertical Fillet Welds</b> (05 12 23 00-0116) Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 12 23 00-0118	LF	3/16" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	8.08 1.36 2.21 2.77 1.97	
05 12 23 00-0119	LF	1/4" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	12.13 2.05 3.32 4.15 2.96	
05 12 23 00-0120	LF	5/16" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	16.17 2.74 4.43 5.53 3.94	
05 12 23 00-0121	LF	3/8" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	20.21 3.42 5.53 6.91 4.92	
05 12 23 00-0122	LF	7/16" Vertical Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	23.99 3.90 6.37 8.27 5.90	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0123	LF		1/2" Vertical Fillet Weld.....	27.99	
			<i>For Aluminum Welding, Add</i>	4.73	
			<i>For Stainless Steel Welding, Add</i>	7.67	
			<i>For Up To 25, Add</i>	9.57	
			<i>For &gt;25 To 50, Add</i>	6.82	
05 12 23 00-0124	LF		9/16" Vertical Fillet Weld.....	32.83	
			<i>For Aluminum Welding, Add</i>	5.40	
			<i>For Stainless Steel Welding, Add</i>	8.81	
			<i>For Up To 25, Add</i>	11.29	
			<i>For &gt;25 To 50, Add</i>	8.05	
05 12 23 00-0125	LF		5/8" Vertical Fillet Weld.....	36.18	
			<i>For Aluminum Welding, Add</i>	5.99	
			<i>For Stainless Steel Welding, Add</i>	9.75	
			<i>For Up To 25, Add</i>	12.43	
			<i>For &gt;25 To 50, Add</i>	8.86	
05 12 23 00-0126	LF		3/4" Vertical Fillet Weld.....	49.75	
			<i>For Aluminum Welding, Add</i>	8.43	
			<i>For Stainless Steel Welding, Add</i>	13.65	
			<i>For Up To 25, Add</i>	17.01	
			<i>For &gt;25 To 50, Add</i>	12.11	
05 12 23 00-0127	LF		7/8" Vertical Fillet Weld.....	65.64	
			<i>For Aluminum Welding, Add</i>	10.93	
			<i>For Stainless Steel Welding, Add</i>	17.76	
			<i>For Up To 25, Add</i>	22.52	
			<i>For &gt;25 To 50, Add</i>	16.05	
05 12 23 00-0128	LF		1" Vertical Fillet Weld.....	91.12	
			<i>For Aluminum Welding, Add</i>	15.49	
			<i>For Stainless Steel Welding, Add</i>	25.05	
			<i>For Up To 25, Add</i>	31.13	
			<i>For &gt;25 To 50, Add</i>	22.17	
05 12 23 00-0129			<b>Horizontal Or Flat Fillet Welds</b> <small>(05 12 23 00-01 16)</small>		
			Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 12 23 00-0130	LF		1/8" Horizontal Or Flat Fillet Weld.....	4.61	
			<i>For Aluminum Welding, Add</i>	0.81	
			<i>For Stainless Steel Welding, Add</i>	1.30	
			<i>For Up To 25, Add</i>	1.56	
			<i>For &gt;25 To 50, Add</i>	1.11	
05 12 23 00-0131	LF		3/16" Horizontal Or Flat Fillet Weld.....	6.14	
			<i>For Aluminum Welding, Add</i>	1.08	
			<i>For Stainless Steel Welding, Add</i>	1.74	
			<i>For Up To 25, Add</i>	2.08	
			<i>For &gt;25 To 50, Add</i>	1.48	
05 12 23 00-0132	LF		1/4" Horizontal Or Flat Fillet Weld.....	9.21	
			<i>For Aluminum Welding, Add</i>	1.62	
			<i>For Stainless Steel Welding, Add</i>	2.60	
			<i>For Up To 25, Add</i>	3.12	
			<i>For &gt;25 To 50, Add</i>	2.22	
05 12 23 00-0133	LF		5/16" Horizontal Or Flat Fillet Weld.....	12.29	
			<i>For Aluminum Welding, Add</i>	2.17	
			<i>For Stainless Steel Welding, Add</i>	3.48	
			<i>For Up To 25, Add</i>	4.17	
			<i>For &gt;25 To 50, Add</i>	2.96	
05 12 23 00-0134	LF		3/8" Horizontal Or Flat Fillet Weld.....	15.35	
			<i>For Aluminum Welding, Add</i>	2.70	
			<i>For Stainless Steel Welding, Add</i>	4.33	
			<i>For Up To 25, Add</i>	5.21	
			<i>For &gt;25 To 50, Add</i>	3.71	
05 12 23 00-0135	LF		7/16" Horizontal Or Flat Fillet Weld.....	17.70	
			<i>For Aluminum Welding, Add</i>	2.97	
			<i>For Stainless Steel Welding, Add</i>	4.82	
			<i>For Up To 25, Add</i>	6.06	
			<i>For &gt;25 To 50, Add</i>	4.32	
05 12 23 00-0136	LF		1/2" Horizontal Or Flat Fillet Weld.....	21.65	
			<i>For Aluminum Welding, Add</i>	3.81	
			<i>For Stainless Steel Welding, Add</i>	6.11	
			<i>For Up To 25, Add</i>	7.35	
			<i>For &gt;25 To 50, Add</i>	5.23	
05 12 23 00-0137	LF		9/16" Horizontal Or Flat Fillet Weld.....	24.34	
			<i>For Aluminum Welding, Add</i>	4.16	
			<i>For Stainless Steel Welding, Add</i>	6.72	
			<i>For Up To 25, Add</i>	8.31	
			<i>For &gt;25 To 50, Add</i>	5.92	
05 12 23 00-0138	LF		5/8" Horizontal Or Flat Fillet Weld.....	29.24	
			<i>For Aluminum Welding, Add</i>	5.05	
			<i>For Stainless Steel Welding, Add</i>	8.14	
			<i>For Up To 25, Add</i>	9.96	
			<i>For &gt;25 To 50, Add</i>	7.09	
05 12 23 00-0139	LF		3/4" Horizontal Or Flat Fillet Weld.....	36.94	
			<i>For Aluminum Welding, Add</i>	6.56	
			<i>For Stainless Steel Welding, Add</i>	10.51	
			<i>For Up To 25, Add</i>	12.50	
			<i>For &gt;25 To 50, Add</i>	8.90	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0140	LF		7/8" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	55.72 9.37 15.19 19.08 13.59	
05 12 23 00-0141	LF		1" Horizontal Or Flat Fillet Weld..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i> <i>For Up To 25, Add</i> <i>For &gt;25 To 50, Add</i>	73.64 12.95 20.79 24.98 17.78	
<b>05 12 23 00-0142</b>			<b>Cold Galvanizing</b> <small>(05 12 23 00-0098)</small>		
05 12 23 00-0143	SF		Brush Applied Cold Galvanizing .....	1.15	
<b>05 12 23 00-0144</b>			<b>Metal Grinding</b> <small>(05 12 23 00-0098)</small> Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0145	SI		Metal Grinding Up To 1/32" Thickness To Be Removed..... Note: Includes rust or scale removal on metal and smoothing surface.	0.59	
<b>05 12 23 00-0146</b>			<b>Structural Steel For Buildings And Structures</b> <small>(05 12 23)</small>		
<b>05 12 23 00-0147</b>			<b>First Tier A992/A36 Structural Steel Columns, W Shapes</b> <small>(05 12 23 00-0146)</small> Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0148	LF		W14 x 730 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	967.88 87.11 193.58	47.97
05 12 23 00-0149	LF		W14 x 665 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	882.78 79.45 176.56	44.71
05 12 23 00-0150	LF		W14 x 605 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	804.15 72.37 160.83	41.62
05 12 23 00-0151	LF		W14 x 550 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	731.97 65.88 146.39	38.71
05 12 23 00-0152	LF		W14 x 500 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	667.77 60.10 133.55	37.36
05 12 23 00-0153	LF		W14 x 426 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	569.73 51.28 113.95	32.62
05 12 23 00-0154	LF		W14 x 342 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	460.63 41.46 92.13	28.23
05 12 23 00-0155	LF		W14 x 311 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	414.86 37.34 82.97	26.36
05 12 23 00-0156	LF		W14 x 283 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	376.52 33.89 75.30	24.86
05 12 23 00-0157	LF		W14 x 257 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	330.89 29.78 66.18	23.57
05 12 23 00-0158	LF		W14 x 233 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	304.50 27.41 60.90	21.91
05 12 23 00-0159	LF		W14 x 211 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	270.82 24.37 54.16	20.40
05 12 23 00-0160	LF		W14 x 193 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	244.91 22.04 48.98	19.40
05 12 23 00-0161	LF		W14 x 176 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	220.70 19.86 44.14	18.54
05 12 23 00-0162	LF		W14 x 159 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	199.51 17.96 39.90	17.89
05 12 23 00-0163	LF		W14 x 145 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	192.81 17.35 38.56	17.31
05 12 23 00-0164	LF		W14 x 132 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	164.83 14.83 32.97	16.52
05 12 23 00-0165	LF		W14 x 120 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	154.53 13.91 30.91	16.09
05 12 23 00-0166	LF		W14 x 109 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	138.32 12.45 27.66	15.45

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0167	LF		W14 x 99 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	126.19 11.36 25.24	15.01
05 12 23 00-0168	LF		W14 x 90 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	117.20 10.55 23.44	14.66
05 12 23 00-0169	LF		W14 x 82 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	107.94 9.71 21.59	14.23
05 12 23 00-0170	LF		W14 x 74 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	97.43 8.77 19.49	13.86
05 12 23 00-0171	LF		W14 x 68 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	90.98 8.19 18.20	13.65
05 12 23 00-0172	LF		W14 x 61 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	82.93 7.46 16.59	13.29
05 12 23 00-0173	LF		W14 x 53 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	75.51 6.80 15.10	12.93
05 12 23 00-0174	LF		W14 x 48 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	70.71 6.36 14.14	12.71
05 12 23 00-0175	LF		W14 x 43 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	63.79 5.74 12.76	12.50
05 12 23 00-0176	LF		W12 x 336 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	441.33 39.72 88.27	21.36
05 12 23 00-0177	LF		W12 x 305 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	402.27 36.20 80.45	20.94
05 12 23 00-0178	LF		W12 x 279 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	369.60 33.26 73.92	20.69
05 12 23 00-0179	LF		W12 x 252 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	335.42 30.19 67.08	20.17
05 12 23 00-0180	LF		W12 x 230 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	307.70 27.69 61.54	19.88
05 12 23 00-0181	LF		W12 x 210 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	282.49 25.42 56.50	19.60
05 12 23 00-0182	LF		W12 x 190 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	257.88 23.21 51.58	19.83
05 12 23 00-0183	LF		W12 x 170 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	232.98 20.97 46.60	19.25
05 12 23 00-0184	LF		W12 x 152 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	210.01 18.90 42.00	17.89
05 12 23 00-0185	LF		W12 x 136 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	199.64 17.97 39.93	17.38
05 12 23 00-0186	LF		W12 x 120 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	151.03 13.59 30.21	15.95
05 12 23 00-0187	LF		W12 x 106 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	139.16 12.52 27.83	15.45
05 12 23 00-0188	LF		W12 x 96 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	124.46 11.20 24.89	14.94
05 12 23 00-0189	LF		W12 x 87 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	114.78 10.33 22.96	14.44
05 12 23 00-0190	LF		W12 x 79 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	100.66 9.06 20.13	14.01
05 12 23 00-0191	LF		W12 x 72 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	92.10 8.29 18.42	13.65
05 12 23 00-0192	LF		W12 x 65 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	84.15 7.57 16.83	13.37
05 12 23 00-0193	LF		W12 x 58 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	81.41 7.33 16.28	13.22
05 12 23 00-0194	LF		W12 x 53 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	75.51 6.80 15.10	12.93



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0195	LF		W12 x 50 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	73.15 6.58 14.63	12.86
05 12 23 00-0196	LF		W12 x 45 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	66.43 5.98 13.29	12.57
05 12 23 00-0197	LF		W12 x 40 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	59.49 5.35 11.90	12.28
05 12 23 00-0198	LF		W10 x 112 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	145.58 13.10 29.12	15.74
05 12 23 00-0199	LF		W10 x 110 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	131.64 11.85 26.33	15.08
05 12 23 00-0200	LF		W10 x 88 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	118.28 10.65 23.66	14.59
05 12 23 00-0201	LF		W10 x 77 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	105.13 9.46 21.03	14.01
05 12 23 00-0202	LF		W10 x 68 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	94.62 8.52 18.92	13.65
05 12 23 00-0203	LF		W10 x 60 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	82.93 7.46 16.59	13.29
05 12 23 00-0204	LF		W10 x 54 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	82.38 7.41 16.48	13.08
05 12 23 00-0205	LF		W10 x 49 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	72.25 6.50 14.45	12.86
05 12 23 00-0206	LF		W10 x 45 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	69.72 6.27 13.94	12.64
05 12 23 00-0207	LF		W10 x 39 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	60.60 5.45 12.12	12.43
05 12 23 00-0208	LF		W10 x 33 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	52.76 4.75 10.55	12.07
05 12 23 00-0209	LF		W8 x 67 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	91.08 8.20 18.22	13.65
05 12 23 00-0210	LF		W8 x 58 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	81.72 7.35 16.34	13.22
05 12 23 00-0211	LF		W8 x 48 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	73.08 6.58 14.62	12.86
05 12 23 00-0212	LF		W8 x 40 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	62.64 5.64 12.53	12.50
05 12 23 00-0213	LF		W8 x 35 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	56.53 5.09 11.31	12.21
05 12 23 00-0214	LF		W8 x 31 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	51.61 4.64 10.32	12.07
05 12 23 00-0215	LF		W8 x 28 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	48.56 4.37 9.71	11.93
05 12 23 00-0216	LF		W8 x 24 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	44.88 4.04 8.98	11.78
05 12 23 00-0217	LF		W8 x 21 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	42.46 3.82 8.49	11.71
05 12 23 00-0218	LF		W8 x 18 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	37.84 3.41 7.57	11.49
05 12 23 00-0219	LF		W6 x 25 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.17 4.25 9.43	11.78
05 12 23 00-0220	LF		W6 x 20 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	39.78 3.58 7.96	11.57
05 12 23 00-0221	LF		W6 x 15 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	34.03 3.06 6.81	11.20
05 12 23 00-0222	LF		W6 x 12 A992/A36 Structural Column ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.84 2.87 6.37	11.20

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0223	LF		W6 x 9 A992/A36 Structural Column .....	29.07	11.13
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.62	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	5.81	
05 12 23 00-0224	LF		W5 x 19 A992/A36 Structural Column .....	39.16	11.57
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.52	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.83	
05 12 23 00-0225	LF		W5 x 16 A992/A36 Structural Column .....	36.01	11.49
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.24	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.20	
05 12 23 00-0226	LF		W4 x 13 A992/A36 Structural Column .....	33.68	11.35
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.03	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.74	
<b>05 12 23 00-0227</b>			<b>A992/A36 Structural Steel Beams And Girders, W Shapes</b> <small>(05 12 23 00-0146)</small>		
			Note: Includes material delivery and erection.		
05 12 23 00-0228	LF		W36 x 300 A992/A36 Structural Beam Or Girder.....	322.88	52.53
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	29.06	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	64.58	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.67	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-104.60	
			<i>For Skewed Or Sloped Connections, Add</i>	38.75	
			<i>For Hot Dip Galvanizing, Add</i>	74.72	
05 12 23 00-0229	LF		W36 x 280 A992/A36 Structural Beam Or Girder.....	306.52	53.88
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	27.59	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	61.30	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.49	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-98.66	
			<i>For Skewed Or Sloped Connections, Add</i>	36.78	
			<i>For Hot Dip Galvanizing, Add</i>	69.73	
05 12 23 00-0230	LF		W36 x 260 A992/A36 Structural Beam Or Girder.....	290.33	53.23
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	26.13	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	58.07	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.34	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-93.10	
			<i>For Skewed Or Sloped Connections, Add</i>	34.84	
			<i>For Hot Dip Galvanizing, Add</i>	65.40	
05 12 23 00-0231	LF		W36 x 240 A992/A36 Structural Beam Or Girder.....	275.82	50.64
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.82	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	55.16	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.22	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-88.44	
			<i>For Skewed Or Sloped Connections, Add</i>	33.10	
			<i>For Hot Dip Galvanizing, Add</i>	62.11	
05 12 23 00-0232	LF		W36 x 230 A992/A36 Structural Beam Or Girder.....	267.34	51.35
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.06	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	53.47	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.13	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-85.35	
			<i>For Skewed Or Sloped Connections, Add</i>	32.08	
			<i>For Hot Dip Galvanizing, Add</i>	59.52	
05 12 23 00-0233	LF		W36 x 210 A992/A36 Structural Beam Or Girder.....	249.04	51.51
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	22.41	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	49.81	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.94	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-78.92	
			<i>For Skewed Or Sloped Connections, Add</i>	29.88	
			<i>For Hot Dip Galvanizing, Add</i>	54.35	
05 12 23 00-0234	LF		W36 x 194 A992/A36 Structural Beam Or Girder.....	239.84	49.12
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.59	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	47.97	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.87	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-76.09	
			<i>For Skewed Or Sloped Connections, Add</i>	28.78	
			<i>For Hot Dip Galvanizing, Add</i>	52.49	
05 12 23 00-0235	LF		W36 x 182 A992/A36 Structural Beam Or Girder.....	227.87	48.75
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	20.51	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	45.57	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-71.95	
			<i>For Skewed Or Sloped Connections, Add</i>	27.34	
			<i>For Hot Dip Galvanizing, Add</i>	49.24	
05 12 23 00-0236	LF		W36 x 170 A992/A36 Structural Beam Or Girder.....	215.67	48.19
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.41	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	43.13	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.64	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-67.77	
			<i>For Skewed Or Sloped Connections, Add</i>	25.88	
			<i>For Hot Dip Galvanizing, Add</i>	46.00	
05 12 23 00-0237	LF		W36 x 160 A992/A36 Structural Beam Or Girder.....	207.76	49.86
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.70	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	41.55	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.55	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-64.74	
			<i>For Skewed Or Sloped Connections, Add</i>	24.93	
			<i>For Hot Dip Galvanizing, Add</i>	43.29	





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0238	LF		W36 x 150 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	199.30 17.94 39.86 1.47 -61.84 23.92 41.02	49.49
05 12 23 00-0239	LF		W36 x 135 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	187.47 16.87 37.49 1.35 -57.77 22.50 37.85	49.07
05 12 23 00-0240	LF		W33 x 241 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	279.45 25.15 55.89 2.24 -89.45 33.53 62.65	52.23
05 12 23 00-0241	LF		W33 x 221 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	259.52 23.36 51.90 2.05 -82.68 31.14 57.45	50.95
05 12 23 00-0242	LF		W33 x 201 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	241.20 21.71 48.24 1.87 -76.23 28.94 52.25	51.15
05 12 23 00-0243	LF		W33 x 170 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	216.85 19.52 43.37 1.63 -67.87 26.02 45.73	50.22
05 12 23 00-0244	LF		W33 x 152 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	202.22 18.20 40.44 1.51 -63.09 24.27 42.27	48.04
05 12 23 00-0245	LF		W33 x 141 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	192.57 17.33 38.51 1.40 -59.52 23.11 39.22	49.21
05 12 23 00-0246	LF		W33 x 130 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	183.00 16.47 36.60 1.31 -56.24 21.96 36.65	48.85
05 12 23 00-0247	LF		W33 x 118 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	171.86 15.47 34.37 1.20 -52.40 20.62 33.66	48.42
05 12 23 00-0248	LF		W30 x 211 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	249.14 22.42 49.83 1.95 -79.06 29.90 54.57	50.85
05 12 23 00-0249	LF		W30 x 191 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	230.66 20.76 46.13 1.76 -72.60 27.68 49.40	50.79

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0250	LF		W30 x 173 A992/A36 Structural Beam Or Girder.....	216.46	48.53
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.48	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	43.29	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.65	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-68.00	
			<i>For Skewed Or Sloped Connections, Add</i>	25.98	
			<i>For Hot Dip Galvanizing, Add</i>	46.11	
05 12 23 00-0251	LF		W30 x 154 A992/A36 Structural Beam Or Girder.....	199.48	49.57
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.95	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	39.90	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.47	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-61.89	
			<i>For Skewed Or Sloped Connections, Add</i>	23.94	
			<i>For Hot Dip Galvanizing, Add</i>	41.05	
05 12 23 00-0252	LF		W30 x 132 A992/A36 Structural Beam Or Girder.....	182.83	46.83
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.45	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	36.57	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.33	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-56.50	
			<i>For Skewed Or Sloped Connections, Add</i>	21.94	
			<i>For Hot Dip Galvanizing, Add</i>	37.21	
05 12 23 00-0253	LF		W30 x 124 A992/A36 Structural Beam Or Girder.....	174.75	46.80
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.73	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	34.95	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.25	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-53.68	
			<i>For Skewed Or Sloped Connections, Add</i>	20.97	
			<i>For Hot Dip Galvanizing, Add</i>	34.96	
05 12 23 00-0254	LF		W30 x 116 A992/A36 Structural Beam Or Girder.....	168.36	48.34
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.15	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	33.67	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.17	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-51.19	
			<i>For Skewed Or Sloped Connections, Add</i>	20.20	
			<i>For Hot Dip Galvanizing, Add</i>	32.70	
05 12 23 00-0255	LF		W30 x 108 A992/A36 Structural Beam Or Girder.....	155.71	43.53
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.01	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	31.14	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.09	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-47.54	
			<i>For Skewed Or Sloped Connections, Add</i>	18.69	
			<i>For Hot Dip Galvanizing, Add</i>	30.60	
05 12 23 00-0256	LF		W30 x 99 A992/A36 Structural Beam Or Girder .....	148.88	43.32
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.40	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	29.78	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.03	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-45.19	
			<i>For Skewed Or Sloped Connections, Add</i>	17.87	
			<i>For Hot Dip Galvanizing, Add</i>	28.77	
05 12 23 00-0257	LF		W27 x 178 A992/A36 Structural Beam Or Girder.....	241.02	56.82
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.69	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	48.20	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.80	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-75.27	
			<i>For Skewed Or Sloped Connections, Add</i>	28.92	
			<i>For Hot Dip Galvanizing, Add</i>	50.51	
05 12 23 00-0258	LF		W27 x 161 A992/A36 Structural Beam Or Girder.....	221.50	54.67
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.94	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	44.30	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.63	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-68.78	
			<i>For Skewed Or Sloped Connections, Add</i>	26.58	
			<i>For Hot Dip Galvanizing, Add</i>	45.69	
05 12 23 00-0259	LF		W27 x 146 A992/A36 Structural Beam Or Girder.....	204.24	52.74
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.38	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	40.85	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-63.05	
			<i>For Skewed Or Sloped Connections, Add</i>	24.51	
			<i>For Hot Dip Galvanizing, Add</i>	41.43	
05 12 23 00-0260	LF		W27 x 114 A992/A36 Structural Beam Or Girder.....	162.28	43.81
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.61	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	32.46	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.16	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.79	
			<i>For Skewed Or Sloped Connections, Add</i>	19.47	
			<i>For Hot Dip Galvanizing, Add</i>	32.35	
05 12 23 00-0261	LF		W27 x 102 A992/A36 Structural Beam Or Girder.....	149.57	43.32
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.46	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	29.91	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.03	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-45.42	
			<i>For Skewed Or Sloped Connections, Add</i>	17.95	
			<i>For Hot Dip Galvanizing, Add</i>	28.95	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0262	LF	W27 x 94 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	143.15 12.88 28.63 0.97 -43.22 17.18 27.23	43.03
05 12 23 00-0263	LF	W27 x 84 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	135.32 12.18 27.06 0.90 -40.53 16.24 25.14	42.75
05 12 23 00-0264	LF	W24 x 162 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	213.31 19.20 42.66 1.57 -66.27 25.60 44.07	52.42
05 12 23 00-0265	LF	W24 x 146 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	195.46 17.59 39.09 1.42 -60.37 23.46 39.72	50.25
05 12 23 00-0266	LF	W24 x 131 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	178.45 16.06 35.69 1.27 -54.78 21.41 35.64	47.97
05 12 23 00-0267	LF	W24 x 117 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	162.28 14.61 32.46 1.14 -49.51 19.47 31.83	45.58
05 12 23 00-0268	LF	W24 x 104 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	147.01 13.23 29.40 1.01 -44.56 17.64 28.29	43.10
05 12 23 00-0269	LF	W24 x 94 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	137.23 12.35 27.45 0.91 -41.15 16.47 25.57	43.03
05 12 23 00-0270	LF	W24 x 84 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	125.10 11.26 25.02 0.84 -37.68 15.01 23.62	38.14
05 12 23 00-0271	LF	W24 x 76 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	119.09 10.72 23.82 0.79 -35.62 14.29 22.02	37.85
05 12 23 00-0272	LF	W24 x 68 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	111.54 10.04 22.31 0.71 -33.02 13.38 19.99	37.65
05 12 23 00-0273	LF	W24 x 62 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	107.58 9.68 21.52 0.68 -31.66 12.91 18.94	37.43

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0274	LF		W24 x 55 A992/A36 Structural Beam Or Girder .....	102.17	37.29
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.20	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.43	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.62	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.80	
			<i>For Skewed Or Sloped Connections, Add</i>	12.26	
			<i>For Hot Dip Galvanizing, Add</i>	17.48	
05 12 23 00-0275	LF		W21 x 147 A992/A36 Structural Beam Or Girder.....	186.24	43.11
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.76	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	37.25	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.40	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-58.29	
			<i>For Skewed Or Sloped Connections, Add</i>	22.35	
			<i>For Hot Dip Galvanizing, Add</i>	39.27	
05 12 23 00-0276	LF		W21 x 132 A992/A36 Structural Beam Or Girder.....	169.87	41.18
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.29	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	33.97	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.26	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-52.87	
			<i>For Skewed Or Sloped Connections, Add</i>	20.38	
			<i>For Hot Dip Galvanizing, Add</i>	35.26	
05 12 23 00-0277	LF		W21 x 122 A992/A36 Structural Beam Or Girder.....	159.59	40.50
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.36	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	31.92	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.16	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.38	
			<i>For Skewed Or Sloped Connections, Add</i>	19.15	
			<i>For Hot Dip Galvanizing, Add</i>	32.59	
05 12 23 00-0278	LF		W21 x 111 A992/A36 Structural Beam Or Girder.....	147.71	39.20
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.29	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	29.54	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.06	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-45.43	
			<i>For Skewed Or Sloped Connections, Add</i>	17.73	
			<i>For Hot Dip Galvanizing, Add</i>	29.65	
05 12 23 00-0279	LF		W21 x 101 A992/A36 Structural Beam Or Girder.....	136.83	37.94
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.31	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	27.37	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.96	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-41.82	
			<i>For Skewed Or Sloped Connections, Add</i>	16.42	
			<i>For Hot Dip Galvanizing, Add</i>	26.98	
05 12 23 00-0280	LF		W21 x 93 A992/A36 Structural Beam Or Girder .....	129.89	38.58
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.69	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	25.98	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.89	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.29	
			<i>For Skewed Or Sloped Connections, Add</i>	15.59	
			<i>For Hot Dip Galvanizing, Add</i>	24.84	
05 12 23 00-0281	LF		W21 x 83 A992/A36 Structural Beam Or Girder .....	122.81	38.14
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.05	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	24.56	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.82	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-36.87	
			<i>For Skewed Or Sloped Connections, Add</i>	14.74	
			<i>For Hot Dip Galvanizing, Add</i>	22.98	
05 12 23 00-0282	LF		W21 x 73 A992/A36 Structural Beam Or Girder .....	114.14	37.85
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.27	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	22.83	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.74	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-33.89	
			<i>For Skewed Or Sloped Connections, Add</i>	13.70	
			<i>For Hot Dip Galvanizing, Add</i>	20.66	
05 12 23 00-0283	LF		W21 x 68 A992/A36 Structural Beam Or Girder .....	109.77	37.65
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.88	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	21.95	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.70	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.40	
			<i>For Skewed Or Sloped Connections, Add</i>	13.17	
			<i>For Hot Dip Galvanizing, Add</i>	19.49	
05 12 23 00-0284	LF		W21 x 62 A992/A36 Structural Beam Or Girder .....	105.81	37.43
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.52	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	21.16	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.66	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-31.04	
			<i>For Skewed Or Sloped Connections, Add</i>	12.70	
			<i>For Hot Dip Galvanizing, Add</i>	18.44	
05 12 23 00-0285	LF		W21 x 57 A992/A36 Structural Beam Or Girder .....	102.24	37.36
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.20	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.45	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.62	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.81	
			<i>For Skewed Or Sloped Connections, Add</i>	12.27	
			<i>For Hot Dip Galvanizing, Add</i>	17.48	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0286	LF		W21 x 50 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	90.63 8.16 18.13 0.56 -26.53 10.88 15.68	32.40
05 12 23 00-0287	LF		W21 x 44 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	86.46 7.78 17.29 0.52 -25.10 10.38 14.57	32.26
05 12 23 00-0288	LF		W18 x 119 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	155.35 13.98 31.07 1.12 -47.92 18.64 31.44	40.35
05 12 23 00-0289	LF		W18 x 106 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	140.82 12.67 28.16 1.00 -43.17 16.90 28.01	38.25
05 12 23 00-0290	LF		W18 x 97 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	132.78 11.95 26.56 0.92 -40.29 15.93 25.63	38.58
05 12 23 00-0291	LF		W18 x 86 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	124.65 11.22 24.93 0.84 -37.51 14.96 23.48	38.22
05 12 23 00-0292	LF		W18 x 76 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	117.33 10.56 23.47 0.77 -35.00 14.08 21.53	37.85
05 12 23 00-0293	LF		W18 x 71 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	112.00 10.08 22.40 0.72 -33.15 13.44 20.07	37.79
05 12 23 00-0294	LF		W18 x 65 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	106.79 9.61 21.36 0.67 -31.36 12.81 18.68	37.65
05 12 23 00-0295	LF		W18 x 60 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	102.11 9.19 20.42 0.62 -29.76 12.25 17.43	37.36
05 12 23 00-0296	LF		W18 x 55 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	97.39 8.77 19.48 0.58 -28.13 11.69 16.14	37.29
05 12 23 00-0297	LF		W18 x 50 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	87.72 7.89 17.54 0.53 -25.51 10.53 14.87	32.40

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0298	LF		W18 x 46 A992/A36 Structural Beam Or Girder .....	84.04	32.33
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.56	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.81	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.50	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-24.24	
			<i>For Skewed Or Sloped Connections, Add</i>	10.08	
			<i>For Hot Dip Galvanizing, Add</i>	13.88	
05 12 23 00-0299	LF		W18 x 40 A992/A36 Structural Beam Or Girder .....	73.50	27.58
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.62	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.70	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.44	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.31	
			<i>For Skewed Or Sloped Connections, Add</i>	8.82	
			<i>For Hot Dip Galvanizing, Add</i>	12.33	
05 12 23 00-0300	LF		W18 x 35 A992/A36 Structural Beam Or Girder .....	68.90	27.52
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.20	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.78	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.40	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-19.72	
			<i>For Skewed Or Sloped Connections, Add</i>	8.27	
			<i>For Hot Dip Galvanizing, Add</i>	11.09	
05 12 23 00-0301	LF		W16 x 100 A992/A36 Structural Beam Or Girder .....	125.11	25.07
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.26	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	25.02	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.98	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.78	
			<i>For Skewed Or Sloped Connections, Add</i>	15.01	
			<i>For Hot Dip Galvanizing, Add</i>	27.55	
05 12 23 00-0302	LF		W16 x 89 A992/A36 Structural Beam Or Girder .....	114.71	24.64
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.32	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	22.94	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.88	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-36.21	
			<i>For Skewed Or Sloped Connections, Add</i>	13.77	
			<i>For Hot Dip Galvanizing, Add</i>	24.76	
05 12 23 00-0303	LF		W16 x 77 A992/A36 Structural Beam Or Girder .....	103.55	24.35
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.32	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.71	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.78	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.35	
			<i>For Skewed Or Sloped Connections, Add</i>	12.43	
			<i>For Hot Dip Galvanizing, Add</i>	21.73	
05 12 23 00-0304	LF		W16 x 67 A992/A36 Structural Beam Or Girder .....	94.04	23.99
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.46	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.81	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.68	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.08	
			<i>For Skewed Or Sloped Connections, Add</i>	11.28	
			<i>For Hot Dip Galvanizing, Add</i>	19.17	
05 12 23 00-0305	LF		W16 x 57 A992/A36 Structural Beam Or Girder .....	84.64	23.64
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.62	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.93	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.59	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-25.84	
			<i>For Skewed Or Sloped Connections, Add</i>	10.16	
			<i>For Hot Dip Galvanizing, Add</i>	16.64	
05 12 23 00-0306	LF		W16 x 50 A992/A36 Structural Beam Or Girder .....	78.08	23.42
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.03	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.62	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.53	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.58	
			<i>For Skewed Or Sloped Connections, Add</i>	9.37	
			<i>For Hot Dip Galvanizing, Add</i>	14.87	
05 12 23 00-0307	LF		W16 x 45 A992/A36 Structural Beam Or Girder .....	73.49	23.28
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.61	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.70	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.49	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.99	
			<i>For Skewed Or Sloped Connections, Add</i>	8.82	
			<i>For Hot Dip Galvanizing, Add</i>	13.62	
05 12 23 00-0308	LF		W16 x 40 A992/A36 Structural Beam Or Girder .....	68.69	23.06
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.18	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.74	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.44	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.35	
			<i>For Skewed Or Sloped Connections, Add</i>	8.24	
			<i>For Hot Dip Galvanizing, Add</i>	12.33	
05 12 23 00-0309	LF		W16 x 36 A992/A36 Structural Beam Or Girder .....	64.95	22.92
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.85	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	12.99	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.41	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-19.07	
			<i>For Skewed Or Sloped Connections, Add</i>	7.79	
			<i>For Hot Dip Galvanizing, Add</i>	11.35	



	<b>Metals 05</b>
	<b>Structural Metal Framing 05 10</b>
	<b>Structural Steel Framing 05 12</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0310	LF		W16 x 31 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	55.42 4.99 11.08 0.36 -16.48 6.65 10.07	18.25
05 12 23 00-0311	LF		W16 x 26 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	49.39 4.45 9.88 0.30 -14.40 5.93 8.44	18.03
05 12 23 00-0312	LF		W14 x 99 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	119.37 10.74 23.87 0.97 -38.49 14.32 27.29	20.55
05 12 23 00-0313	LF		W14 x 90 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	110.90 9.98 22.18 0.89 -35.58 13.31 25.02	20.18
05 12 23 00-0314	LF		W14 x 82 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	103.34 9.30 20.67 0.82 -32.98 12.40 22.98	19.97
05 12 23 00-0315	LF		W14 x 74 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	95.79 8.62 19.16 0.75 -30.38 11.49 20.95	19.69
05 12 23 00-0316	LF		W14 x 68 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	90.17 8.12 18.03 0.69 -28.45 10.82 19.43	19.47
05 12 23 00-0317	LF		W14 x 61 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	83.62 7.53 16.72 0.63 -26.18 10.03 17.66	19.25
05 12 23 00-0318	LF		W14 x 53 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	76.16 6.85 15.23 0.56 -23.62 9.14 15.65	18.96
05 12 23 00-0319	LF		W14 x 48 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	71.37 6.42 14.27 0.51 -21.97 8.56 14.37	18.75
05 12 23 00-0320	LF		W14 x 43 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	66.64 6.00 13.33 0.47 -20.34 8.00 13.09	18.67
05 12 23 00-0321	LF		W14 x 38 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	61.98 5.58 12.40 0.42 -18.74 7.44 11.84	18.54

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0322	LF		W14 x 34 A992/A36 Structural Beam Or Girder .....	58.19	18.32
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.24	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	11.64	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.39	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-17.44	
			<i>For Skewed Or Sloped Connections, Add</i>	6.98	
			<i>For Hot Dip Galvanizing, Add</i>	10.82	
05 12 23 00-0323	LF		W14 x 30 A992/A36 Structural Beam Or Girder .....	54.41	18.25
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.90	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	10.88	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.35	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-16.13	
			<i>For Skewed Or Sloped Connections, Add</i>	6.53	
			<i>For Hot Dip Galvanizing, Add</i>	9.80	
05 12 23 00-0324	LF		W14 x 26 A992/A36 Structural Beam Or Girder .....	50.63	18.03
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.56	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	10.13	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.31	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-14.83	
			<i>For Skewed Or Sloped Connections, Add</i>	6.08	
			<i>For Hot Dip Galvanizing, Add</i>	8.79	
05 12 23 00-0325	LF		W14 x 22 A992/A36 Structural Beam Or Girder .....	46.96	17.96
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.23	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	9.39	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.28	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-13.57	
			<i>For Skewed Or Sloped Connections, Add</i>	5.64	
			<i>For Hot Dip Galvanizing, Add</i>	7.80	
05 12 23 00-0326	LF		W12 x 87 A992/A36 Structural Beam Or Girder .....	108.13	20.11
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.73	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	21.63	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.87	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-34.62	
			<i>For Skewed Or Sloped Connections, Add</i>	12.98	
			<i>For Hot Dip Galvanizing, Add</i>	24.26	
05 12 23 00-0327	LF		W12 x 79 A992/A36 Structural Beam Or Girder .....	100.57	19.83
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.05	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.11	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.79	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.02	
			<i>For Skewed Or Sloped Connections, Add</i>	12.07	
			<i>For Hot Dip Galvanizing, Add</i>	22.23	
05 12 23 00-0328	LF		W12 x 72 A992/A36 Structural Beam Or Girder .....	93.95	19.61
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.46	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.79	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.73	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.75	
			<i>For Skewed Or Sloped Connections, Add</i>	11.27	
			<i>For Hot Dip Galvanizing, Add</i>	20.45	
05 12 23 00-0329	LF		W12 x 65 A992/A36 Structural Beam Or Girder .....	87.39	19.40
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.87	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	17.48	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.67	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-27.48	
			<i>For Skewed Or Sloped Connections, Add</i>	10.49	
			<i>For Hot Dip Galvanizing, Add</i>	18.68	
05 12 23 00-0330	LF		W12 x 58 A992/A36 Structural Beam Or Girder .....	80.77	19.11
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.27	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.15	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.60	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-25.21	
			<i>For Skewed Or Sloped Connections, Add</i>	9.69	
			<i>For Hot Dip Galvanizing, Add</i>	16.90	
05 12 23 00-0331	LF		W12 x 53 A992/A36 Structural Beam Or Girder .....	76.16	18.96
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.85	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.23	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.56	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.62	
			<i>For Skewed Or Sloped Connections, Add</i>	9.14	
			<i>For Hot Dip Galvanizing, Add</i>	15.65	
05 12 23 00-0332	LF		W12 x 50 A992/A36 Structural Beam Or Girder .....	73.20	18.89
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.59	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.64	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.53	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-22.60	
			<i>For Skewed Or Sloped Connections, Add</i>	8.78	
			<i>For Hot Dip Galvanizing, Add</i>	14.87	
05 12 23 00-0333	LF		W12 x 45 A992/A36 Structural Beam Or Girder .....	68.60	18.75
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.17	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.72	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.49	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.01	
			<i>For Skewed Or Sloped Connections, Add</i>	8.23	
			<i>For Hot Dip Galvanizing, Add</i>	13.62	





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0334	LF	W12 x 40 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	58.92 5.30 11.78 0.44 -18.39 7.07 12.33	13.94
05 12 23 00-0335	LF	W12 x 35 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	54.31 4.89 10.86 0.40 -16.80 6.52 11.09	13.86
05 12 23 00-0336	LF	W12 x 30 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	49.52 4.46 9.90 0.35 -15.16 5.94 9.80	13.65
05 12 23 00-0337	LF	W12 x 26 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	45.75 4.12 9.15 0.31 -13.86 5.49 8.79	13.50
05 12 23 00-0338	LF	W12 x 22 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	42.08 3.79 8.42 0.28 -12.59 5.05 7.80	13.37
05 12 23 00-0339	LF	W12 x 19 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	39.19 3.53 7.84 0.25 -11.59 4.70 7.01	13.29
05 12 23 00-0340	LF	W12 x 16 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	36.35 3.27 7.27 0.22 -10.62 4.36 6.26	13.08
05 12 23 00-0341	LF	W12 x 14 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	34.51 3.11 6.90 0.21 -9.99 4.14 5.76	13.08
05 12 23 00-0342	LF	W10 x 68 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	85.56 7.70 17.11 0.70 -27.55 10.27 19.49	15.01
05 12 23 00-0343	LF	W10 x 60 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	78.10 7.03 15.62 0.62 -24.99 9.37 17.48	14.73
05 12 23 00-0344	LF	W10 x 54 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	72.39 6.52 14.48 0.57 -23.02 8.69 15.94	14.44
05 12 23 00-0345	LF	W10 x 49 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	67.70 6.09 13.54 0.52 -21.41 8.12 14.69	14.30

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346	LF		W10 x 45 A992/A36 Structural Beam Or Girder .....	63.91	14.23
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.75	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	12.78	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.49	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.11	
			<i>For Skewed Or Sloped Connections, Add</i>	7.67	
			<i>For Hot Dip Galvanizing, Add</i>	13.67	
05 12 23 00-0347	LF		W10 x 39 A992/A36 Structural Beam Or Girder .....	58.30	13.94
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.25	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	11.66	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.43	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-18.17	
			<i>For Skewed Or Sloped Connections, Add</i>	7.00	
			<i>For Hot Dip Galvanizing, Add</i>	12.16	
05 12 23 00-0348	LF		W10 x 33 A992/A36 Structural Beam Or Girder .....	52.69	13.72
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.74	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	10.54	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.38	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-16.24	
			<i>For Skewed Or Sloped Connections, Add</i>	6.32	
			<i>For Hot Dip Galvanizing, Add</i>	10.65	
05 12 23 00-0349	LF		W10 x 30 A992/A36 Structural Beam Or Girder .....	49.81	13.65
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.48	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	9.96	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.35	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-15.25	
			<i>For Skewed Or Sloped Connections, Add</i>	5.98	
			<i>For Hot Dip Galvanizing, Add</i>	9.86	
05 12 23 00-0350	LF		W10 x 26 A992/A36 Structural Beam Or Girder .....	46.13	13.57
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.15	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	9.23	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.32	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-13.98	
			<i>For Skewed Or Sloped Connections, Add</i>	5.54	
			<i>For Hot Dip Galvanizing, Add</i>	8.87	
05 12 23 00-0351	LF		W10 x 22 A992/A36 Structural Beam Or Girder .....	42.28	13.37
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.81	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	8.46	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.28	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-12.66	
			<i>For Skewed Or Sloped Connections, Add</i>	5.07	
			<i>For Hot Dip Galvanizing, Add</i>	7.85	
05 12 23 00-0352	LF		W10 x 19 A992/A36 Structural Beam Or Girder .....	39.50	13.29
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.56	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	7.90	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.25	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-11.70	
			<i>For Skewed Or Sloped Connections, Add</i>	4.74	
			<i>For Hot Dip Galvanizing, Add</i>	7.10	
05 12 23 00-0353	LF		W10 x 17 A992/A36 Structural Beam Or Girder .....	37.56	13.22
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.38	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	7.51	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.23	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-11.03	
			<i>For Skewed Or Sloped Connections, Add</i>	4.51	
			<i>For Hot Dip Galvanizing, Add</i>	6.57	
05 12 23 00-0354	LF		W10 x 15 A992/A36 Structural Beam Or Girder .....	35.73	13.08
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.22	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	7.15	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.22	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-10.40	
			<i>For Skewed Or Sloped Connections, Add</i>	4.29	
			<i>For Hot Dip Galvanizing, Add</i>	6.08	
05 12 23 00-0355	LF		W10 x 12 A992/A36 Structural Beam Or Girder .....	32.95	13.08
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.97	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	6.59	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.19	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-9.44	
			<i>For Skewed Or Sloped Connections, Add</i>	3.95	
			<i>For Hot Dip Galvanizing, Add</i>	5.32	
05 12 23 00-0356	LF		W8 x 35 A992/A36 Structural Beam Or Girder .....	54.52	13.86
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.91	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	10.90	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.40	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-16.87	
			<i>For Skewed Or Sloped Connections, Add</i>	6.54	
			<i>For Hot Dip Galvanizing, Add</i>	11.14	
05 12 23 00-0357	LF		W8 x 31 A992/A36 Structural Beam Or Girder .....	50.75	13.65
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.57	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	10.15	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.36	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-15.57	
			<i>For Skewed Or Sloped Connections, Add</i>	6.09	
			<i>For Hot Dip Galvanizing, Add</i>	10.12	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0358 LF W8 x 28 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	47.17 4.25 9.43 0.33 -14.45 5.66 9.37	12.86
05 12 23 00-0359 LF W8 x 24 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	43.00 3.87 8.60 0.30 -13.12 5.16 8.44	12.07
05 12 23 00-0360 LF W8 x 21 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	40.02 3.60 8.00 0.28 -12.21 4.80 7.85	11.20
05 12 23 00-0361 LF W8 x 18 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	34.98 3.15 7.00 0.24 -10.57 4.20 6.68	10.42
05 12 23 00-0362 LF W8 x 10 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	20.64 1.86 4.13 0.13 -6.04 2.48 3.57	7.47
05 12 23 00-0363 LF W6 x 9 A992/A36 Structural Beam Or Girder ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i> <i>For Hot Dip Galvanizing, Add</i>	19.04 1.71 3.81 0.13 -5.69 2.28 3.52	6.10
<b>05 12 23 00-0364 A992/A36 Structural Steel, M Shapes</b> (05 12 23 00-0146) Note: Includes material delivery and erection.		
05 12 23 00-0365 LF M14 x 18 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	40.26 3.62 8.05	10.64
05 12 23 00-0366 LF M12 x 11.8 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	28.98 2.61 5.80	9.41
05 12 23 00-0367 LF M10 x 9 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.50 2.03 4.50	7.55
05 12 23 00-0368 LF M8 x 6.5 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.26 1.46 3.25	5.45
05 12 23 00-0369 LF M6 x 20 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	44.35 3.99 8.87	11.57
05 12 23 00-0370 LF M6 x 4.4 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	10.99 0.99 2.20	3.69
05 12 23 00-0371 LF M5 x 18.9 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	42.67 3.84 8.53	11.57
05 12 23 00-0372 LF M4 x 13 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	34.93 3.14 6.99	11.35
<b>05 12 23 00-0373 A992/A36 Structural Steel, S Shapes</b> (05 12 23 00-0146) Note: Includes material delivery and erection.		
05 12 23 00-0374 LF S24 x 121 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	241.60 21.74 48.32	53.85
05 12 23 00-0375 LF S24 x 106 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	214.31 19.29 42.86	49.66
05 12 23 00-0376 LF S24 x 100 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	204.80 18.43 40.96	49.32
05 12 23 00-0377 LF S24 x 90 A992/A36 Structural Steel ..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	186.81 16.81 37.36	46.72

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0378	LF		S24 x 80 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	168.38 15.15 33.68	43.71
05 12 23 00-0379	LF		S20 x 96 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	196.61 17.69 39.32	47.34
05 12 23 00-0380	LF		S20 x 86 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	178.50 16.07 35.70	44.64
05 12 23 00-0381	LF		S20 x 75 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	157.86 14.21 31.57	40.98
05 12 23 00-0382	LF		S20 x 66 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	140.95 12.69 28.19	37.96
05 12 23 00-0383	LF		S18 x 70 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	149.49 13.45 29.90	40.26
05 12 23 00-0384	LF		S18 x 54.7 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	118.58 10.67 23.72	33.12
05 12 23 00-0385	LF		S15 x 50 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	110.08 9.91 22.02	31.87
05 12 23 00-0386	LF		S15 x 42.9 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	95.99 8.64 19.20	28.78
05 12 23 00-0387	LF		S12 x 50 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	108.38 9.75 21.68	30.27
05 12 23 00-0388	LF		S12 x 40.8 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	89.83 8.08 17.97	26.01
05 12 23 00-0389	LF		S12 x 35 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	78.31 7.05 15.66	23.48
05 12 23 00-0390	LF		S12 x 31.8 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	72.35 6.51 14.47	22.46
05 12 23 00-0391	LF		S10 x 35 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	79.63 7.17 15.93	24.72
05 12 23 00-0392	LF		S10 x 25.4 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	58.79 5.29 11.76	18.88
05 12 23 00-0393	LF		S8 x 23 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	53.24 4.79 10.65	17.10
05 12 23 00-0394	LF		S8 x 18.4 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.36 3.90 8.67	14.40
05 12 23 00-0395	LF		S7 x 20 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.12 4.24 9.42	15.65
05 12 23 00-0396	LF		S7 x 15.3 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	36.73 3.31 7.35	12.60
05 12 23 00-0397	LF		S6 x 17.25 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	39.19 3.53 7.84	12.13
05 12 23 00-0398	LF		S6 x 12.5 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	33.54 3.02 6.71	11.20
05 12 23 00-0399	LF		S5 x 14.75 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	35.76 3.22 7.15	11.42
05 12 23 00-0400	LF		S5 x 10 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	30.25 2.72 6.05	11.13
05 12 23 00-0401	LF		S4 x 9.5 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	29.40 2.65 5.88	11.13
05 12 23 00-0402	LF		S4 x 7.7 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	27.44 2.47 5.49	11.13
05 12 23 00-0403	LF		S3 x 7.5 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	27.26 2.45 5.45	11.13
05 12 23 00-0404	LF		S3 x 5.7 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	24.91 2.24 4.98	11.06

05 12 23 00-0405 A992/A36 Structural Steel, HP Shapes (05 12 23 00-0146)

Note: Includes material delivery and erection.



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0406	LF		HP14 x 117 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	147.83 13.30	15.95
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	29.57	
05 12 23 00-0407	LF		HP14 x 102 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	129.40 11.65	14.85
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.88	
05 12 23 00-0408	LF		HP14 x 89 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	115.34 10.38	13.92
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.07	
05 12 23 00-0409	LF		HP14 x 73 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	95.58 8.60	13.13
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.12	
05 12 23 00-0410	LF		HP13 x 100 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	126.86 11.42	14.56
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.37	
05 12 23 00-0411	LF		HP13 x 87 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	112.75 10.15	13.62
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.55	
05 12 23 00-0412	LF		HP13 x 73 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	95.58 8.60	13.13
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.12	
05 12 23 00-0413	LF		HP13 x 60 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	81.06 7.30	12.58
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.21	
05 12 23 00-0414	LF		HP12 x 84 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	106.44 9.58	14.36
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	21.29	
05 12 23 00-0415	LF		HP12 x 74 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	94.10 8.47	13.54
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	18.82	
05 12 23 00-0416	LF		HP12 x 63 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	81.05 7.29	12.45
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.21	
05 12 23 00-0417	LF		HP12 x 53 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	74.34 6.69	11.84
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.87	
05 12 23 00-0418	LF		HP10 x 57 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	78.29 7.05	12.15
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.66	
05 12 23 00-0419	LF		HP10 x 42 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	64.60 5.81	11.39
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.92	
05 12 23 00-0420	LF		HP8 x 36 A992/A36 Structural Steel..... <i>For High Strength Low Alloy A572-50 Steel, Add</i>	56.22 5.06	10.74
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.24	
05 12 23 00-0421			<b>Lightweight Framing Steel Shapes</b> (05 12 23)		
05 12 23 00-0422			<b>Angle Iron - L</b> (05 12 23 00-0421)		
05 12 23 00-0423			<b>1/8" Thick</b> (05 12 23 00-0422)		
05 12 23 00-0424	LF		1/2" x 1/2" x 1/8" Angle Iron..... <i>For &gt;100 To 250, Deduct</i>	1.72 -0.11	1.09
			<i>For &gt;250 To 500, Deduct</i>	-0.15	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.23	
			<i>For &gt;1,000, Deduct</i>	-0.31	
			<i>For 304 Stainless Steel, Add</i>	0.77	
			<i>For 316 Stainless Steel, Add</i>	0.86	
			<i>For Aluminum, Add</i>	0.05	
			<i>For Galvanized Steel, Add</i>	0.17	
			<i>For High Strength Steel (HSS), Add</i>	0.34	
05 12 23 00-0425	LF		3/4" x 1/2" x 1/8" Angle Iron..... <i>For &gt;100 To 250, Deduct</i>	1.98 -0.12	1.23
			<i>For &gt;250 To 500, Deduct</i>	-0.17	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.26	
			<i>For &gt;1,000, Deduct</i>	-0.35	
			<i>For 304 Stainless Steel, Add</i>	0.97	
			<i>For 316 Stainless Steel, Add</i>	1.09	
			<i>For Aluminum, Add</i>	0.06	
			<i>For Galvanized Steel, Add</i>	0.21	
			<i>For High Strength Steel (HSS), Add</i>	0.40	
05 12 23 00-0426	LF		3/4" x 3/4" x 1/8" Angle Iron..... <i>For &gt;100 To 250, Deduct</i>	2.23 -0.14	1.36
			<i>For &gt;250 To 500, Deduct</i>	-0.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.29	
			<i>For &gt;1,000, Deduct</i>	-0.39	
			<i>For 304 Stainless Steel, Add</i>	1.20	
			<i>For 316 Stainless Steel, Add</i>	1.34	
			<i>For Aluminum, Add</i>	0.08	
			<i>For Galvanized Steel, Add</i>	0.26	
			<i>For High Strength Steel (HSS), Add</i>	0.45	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0427	LF		1" x 3/4" x 1/8" Angle Iron .....	2.51	1.51
			<i>For &gt;100 To 250, Deduct</i>	-0.15	
			<i>For &gt;250 To 500, Deduct</i>	-0.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.33	
			<i>For &gt;1,000, Deduct</i>	-0.44	
			<i>For 304 Stainless Steel, Add</i>	1.40	
			<i>For 316 Stainless Steel, Add</i>	1.57	
			<i>For Aluminum, Add</i>	0.09	
			<i>For Galvanized Steel, Add</i>	0.30	
			<i>For High Strength Steel (HSS), Add</i>	0.50	
05 12 23 00-0428	LF		1" x 1" x 1/8" Angle Iron .....	2.75	1.63
			<i>For &gt;100 To 250, Deduct</i>	-0.16	
			<i>For &gt;250 To 500, Deduct</i>	-0.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.36	
			<i>For &gt;1,000, Deduct</i>	-0.48	
			<i>For 304 Stainless Steel, Add</i>	1.62	
			<i>For 316 Stainless Steel, Add</i>	1.82	
			<i>For Aluminum, Add</i>	0.10	
			<i>For Galvanized Steel, Add</i>	0.35	
			<i>For High Strength Steel (HSS), Add</i>	0.55	
05 12 23 00-0429	LF		1-1/4" x 1-1/4" x 1/8" Angle Iron .....	3.29	1.93
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.42	
			<i>For &gt;1,000, Deduct</i>	-0.57	
			<i>For 304 Stainless Steel, Add</i>	2.05	
			<i>For 316 Stainless Steel, Add</i>	2.30	
			<i>For Aluminum, Add</i>	0.13	
			<i>For Galvanized Steel, Add</i>	0.45	
			<i>For High Strength Steel (HSS), Add</i>	0.66	
05 12 23 00-0430	LF		1-1/2" x 1" x 1/8" Angle Iron .....	3.29	1.93
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.42	
			<i>For &gt;1,000, Deduct</i>	-0.57	
			<i>For 304 Stainless Steel, Add</i>	2.05	
			<i>For 316 Stainless Steel, Add</i>	2.30	
			<i>For Aluminum, Add</i>	0.13	
			<i>For Galvanized Steel, Add</i>	0.45	
			<i>For High Strength Steel (HSS), Add</i>	0.66	
05 12 23 00-0431	LF		1-1/2" x 1-1/2" x 1/8" Angle Iron .....	3.94	2.30
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.33	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.50	
			<i>For &gt;1,000, Deduct</i>	-0.68	
			<i>For 304 Stainless Steel, Add</i>	2.48	
			<i>For 316 Stainless Steel, Add</i>	2.78	
			<i>For Aluminum, Add</i>	0.16	
			<i>For Galvanized Steel, Add</i>	0.54	
			<i>For High Strength Steel (HSS), Add</i>	0.79	
05 12 23 00-0432	LF		2" x 2" x 1/8" Angle Iron .....	5.35	3.14
			<i>For &gt;100 To 250, Deduct</i>	-0.31	
			<i>For &gt;250 To 500, Deduct</i>	-0.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.68	
			<i>For &gt;1,000, Deduct</i>	-0.92	
			<i>For 304 Stainless Steel, Add</i>	3.36	
			<i>For 316 Stainless Steel, Add</i>	3.78	
			<i>For Aluminum, Add</i>	0.21	
			<i>For Galvanized Steel, Add</i>	0.73	
			<i>For High Strength Steel (HSS), Add</i>	1.07	
05 12 23 00-0433			<b>3/16" Thick</b> (05 12 23 00-0422)		
05 12 23 00-0434	LF		1-1/4" x 1-1/4" x 3/16" Angle Iron .....	3.76	2.04
			<i>For &gt;100 To 250, Deduct</i>	-0.20	
			<i>For &gt;250 To 500, Deduct</i>	-0.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.46	
			<i>For &gt;1,000, Deduct</i>	-0.62	
			<i>For 304 Stainless Steel, Add</i>	2.99	
			<i>For 316 Stainless Steel, Add</i>	3.36	
			<i>For Aluminum, Add</i>	0.19	
			<i>For Galvanized Steel, Add</i>	0.65	
			<i>For High Strength Steel (HSS), Add</i>	0.75	
05 12 23 00-0435	LF		1-1/2" x 1" x 3/16" Angle Iron .....	3.76	2.04
			<i>For &gt;100 To 250, Deduct</i>	-0.20	
			<i>For &gt;250 To 500, Deduct</i>	-0.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.46	
			<i>For &gt;1,000, Deduct</i>	-0.62	
			<i>For 304 Stainless Steel, Add</i>	2.99	
			<i>For 316 Stainless Steel, Add</i>	3.36	
			<i>For Aluminum, Add</i>	0.19	
			<i>For Galvanized Steel, Add</i>	0.65	
			<i>For High Strength Steel (HSS), Add</i>	0.75	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0436	LF		1-1/2" x 1-1/2" x 3/16" Angle Iron.....	4.18	2.18
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.50	
			<i>For &gt;1,000, Deduct</i>	-0.68	
			<i>For 304 Stainless Steel, Add</i>	3.65	
			<i>For 316 Stainless Steel, Add</i>	4.10	
			<i>For Aluminum, Add</i>	0.23	
			<i>For Galvanized Steel, Add</i>	0.79	
			<i>For High Strength Steel (HSS), Add</i>	0.84	
05 12 23 00-0437	LF		2" x 2" x 3/16" Angle Iron.....	4.85	2.34
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.55	
			<i>For &gt;1,000, Deduct</i>	-0.75	
			<i>For 304 Stainless Steel, Add</i>	4.96	
			<i>For 316 Stainless Steel, Add</i>	5.57	
			<i>For Aluminum, Add</i>	0.31	
			<i>For Galvanized Steel, Add</i>	1.08	
			<i>For High Strength Steel (HSS), Add</i>	0.97	
05 12 23 00-0438	LF		2-1/2" x 2" x 3/16" Angle Iron.....	5.30	2.50
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000, Deduct</i>	-0.82	
			<i>For 304 Stainless Steel, Add</i>	5.59	
			<i>For 316 Stainless Steel, Add</i>	6.27	
			<i>For Aluminum, Add</i>	0.35	
			<i>For Galvanized Steel, Add</i>	1.22	
			<i>For High Strength Steel (HSS), Add</i>	1.06	
05 12 23 00-0439	LF		2-1/2" x 2-1/2" x 3/16" Angle Iron.....	5.78	2.68
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.65	
			<i>For &gt;1,000, Deduct</i>	-0.88	
			<i>For 304 Stainless Steel, Add</i>	6.27	
			<i>For 316 Stainless Steel, Add</i>	7.04	
			<i>For Aluminum, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.36	
			<i>For High Strength Steel (HSS), Add</i>	1.16	
05 12 23 00-0440	LF		3" x 2" x 3/16" Angle Iron.....	5.77	2.68
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.65	
			<i>For &gt;1,000, Deduct</i>	-0.88	
			<i>For 304 Stainless Steel, Add</i>	6.24	
			<i>For 316 Stainless Steel, Add</i>	7.01	
			<i>For Aluminum, Add</i>	0.39	
			<i>For Galvanized Steel, Add</i>	1.36	
			<i>For High Strength Steel (HSS), Add</i>	1.15	
05 12 23 00-0441	LF		3" x 2-1/2" x 3/16" Angle Iron.....	6.37	2.96
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.71	
			<i>For &gt;1,000, Deduct</i>	-0.97	
			<i>For 304 Stainless Steel, Add</i>	6.90	
			<i>For 316 Stainless Steel, Add</i>	7.74	
			<i>For Aluminum, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.50	
			<i>For High Strength Steel (HSS), Add</i>	1.27	
05 12 23 00-0442	LF		3" x 3" x 3/16" Angle Iron.....	6.96	3.24
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.78	
			<i>For &gt;1,000, Deduct</i>	-1.06	
			<i>For 304 Stainless Steel, Add</i>	7.55	
			<i>For 316 Stainless Steel, Add</i>	8.48	
			<i>For Aluminum, Add</i>	0.48	
			<i>For Galvanized Steel, Add</i>	1.64	
			<i>For High Strength Steel (HSS), Add</i>	1.39	
05 12 23 00-0443			<b>1/4" Thick</b> <small>(05 12 23 00-0422)</small>		
05 12 23 00-0444	LF		1-1/2" x 1" x 1/4" Angle Iron.....	4.21	2.15
			<i>For &gt;100 To 250, Deduct</i>	-0.21	
			<i>For &gt;250 To 500, Deduct</i>	-0.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.50	
			<i>For &gt;1,000, Deduct</i>	-0.67	
			<i>For 304 Stainless Steel, Add</i>	3.85	
			<i>For 316 Stainless Steel, Add</i>	4.32	
			<i>For Aluminum, Add</i>	0.24	
			<i>For Galvanized Steel, Add</i>	0.84	
			<i>For High Strength Steel (HSS), Add</i>	0.84	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0445	LF		1-1/2" x 1-1/2" x 1/4" Angle Iron.....	4.71	2.30
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.54	
			<i>For &gt;1,000, Deduct</i>	-0.74	
			<i>For 304 Stainless Steel, Add</i>	4.70	
			<i>For 316 Stainless Steel, Add</i>	5.28	
			<i>For Aluminum, Add</i>	0.30	
			<i>For Galvanized Steel, Add</i>	1.02	
			<i>For High Strength Steel (HSS), Add</i>	0.94	
05 12 23 00-0446	LF		2" x 2" x 1/4" Angle Iron.....	5.54	2.45
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000, Deduct</i>	-0.82	
			<i>For 304 Stainless Steel, Add</i>	6.47	
			<i>For 316 Stainless Steel, Add</i>	7.26	
			<i>For Aluminum, Add</i>	0.41	
			<i>For Galvanized Steel, Add</i>	1.41	
			<i>For High Strength Steel (HSS), Add</i>	1.11	
05 12 23 00-0447	LF		2-1/2" x 2" x 1/4" Angle Iron.....	6.20	2.71
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.67	
			<i>For &gt;1,000, Deduct</i>	-0.92	
			<i>For 304 Stainless Steel, Add</i>	7.35	
			<i>For 316 Stainless Steel, Add</i>	8.26	
			<i>For Aluminum, Add</i>	0.46	
			<i>For Galvanized Steel, Add</i>	1.60	
			<i>For High Strength Steel (HSS), Add</i>	1.24	
05 12 23 00-0448	LF		2-1/2" x 2-1/2" x 1/4" Angle Iron.....	6.89	2.97
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.74	
			<i>For &gt;1,000, Deduct</i>	-1.01	
			<i>For 304 Stainless Steel, Add</i>	8.32	
			<i>For 316 Stainless Steel, Add</i>	9.34	
			<i>For Aluminum, Add</i>	0.53	
			<i>For Galvanized Steel, Add</i>	1.81	
			<i>For High Strength Steel (HSS), Add</i>	1.38	
05 12 23 00-0449	LF		3" x 2" x 1/4" Angle Iron.....	6.89	2.97
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.74	
			<i>For &gt;1,000, Deduct</i>	-1.01	
			<i>For 304 Stainless Steel, Add</i>	8.32	
			<i>For 316 Stainless Steel, Add</i>	9.34	
			<i>For Aluminum, Add</i>	0.53	
			<i>For Galvanized Steel, Add</i>	1.81	
			<i>For High Strength Steel (HSS), Add</i>	1.38	
05 12 23 00-0450	LF		3" x 2-1/2" x 1/4" Angle Iron.....	7.62	3.31
			<i>For &gt;100 To 250, Deduct</i>	-0.33	
			<i>For &gt;250 To 500, Deduct</i>	-0.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.82	
			<i>For &gt;1,000, Deduct</i>	-1.12	
			<i>For 304 Stainless Steel, Add</i>	9.15	
			<i>For 316 Stainless Steel, Add</i>	10.27	
			<i>For Aluminum, Add</i>	0.58	
			<i>For Galvanized Steel, Add</i>	1.99	
			<i>For High Strength Steel (HSS), Add</i>	1.52	
05 12 23 00-0451	LF		3" x 3" x 1/4" Angle Iron.....	8.33	3.63
			<i>For &gt;100 To 250, Deduct</i>	-0.36	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.90	
			<i>For &gt;1,000, Deduct</i>	-1.23	
			<i>For 304 Stainless Steel, Add</i>	9.95	
			<i>For 316 Stainless Steel, Add</i>	11.17	
			<i>For Aluminum, Add</i>	0.63	
			<i>For Galvanized Steel, Add</i>	2.16	
			<i>For High Strength Steel (HSS), Add</i>	1.67	
05 12 23 00-0452	LF		3-1/2" x 3" x 1/4" Angle Iron.....	9.04	3.90
			<i>For &gt;100 To 250, Deduct</i>	-0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.97	
			<i>For &gt;1,000, Deduct</i>	-1.33	
			<i>For 304 Stainless Steel, Add</i>	10.94	
			<i>For 316 Stainless Steel, Add</i>	12.29	
			<i>For Aluminum, Add</i>	0.69	
			<i>For Galvanized Steel, Add</i>	2.38	
			<i>For High Strength Steel (HSS), Add</i>	1.81	





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0453	LF		3-1/2" x 3-1/2" x 1/4" Angle Iron.....	9.57	0.40
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.02	
			<i>For &gt;1,000, Deduct</i>	-1.40	
			<i>For 304 Stainless Steel, Add</i>	11.80	
			<i>For 316 Stainless Steel, Add</i>	13.25	
			<i>For Aluminum, Add</i>	0.75	
			<i>For Galvanized Steel, Add</i>	2.57	
			<i>For High Strength Steel (HSS), Add</i>	1.91	
05 12 23 00-0454	LF		4" x 3" x 1/4" Angle Iron.....	9.57	4.08
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.02	
			<i>For &gt;1,000, Deduct</i>	-1.40	
			<i>For 304 Stainless Steel, Add</i>	11.80	
			<i>For 316 Stainless Steel, Add</i>	13.25	
			<i>For Aluminum, Add</i>	0.75	
			<i>For Galvanized Steel, Add</i>	2.57	
			<i>For High Strength Steel (HSS), Add</i>	1.91	
05 12 23 00-0455	LF		4" x 3-1/2" x 1/4" Angle Iron.....	10.08	4.25
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.07	
			<i>For &gt;1,000, Deduct</i>	-1.46	
			<i>For 304 Stainless Steel, Add</i>	12.57	
			<i>For 316 Stainless Steel, Add</i>	14.11	
			<i>For Aluminum, Add</i>	0.79	
			<i>For Galvanized Steel, Add</i>	2.73	
			<i>For High Strength Steel (HSS), Add</i>	2.02	
05 12 23 00-0456	LF		4" x 4" x 1/4" Angle Iron.....	10.62	4.44
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.12	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	13.42	
			<i>For 316 Stainless Steel, Add</i>	15.07	
			<i>For Aluminum, Add</i>	0.85	
			<i>For Galvanized Steel, Add</i>	2.92	
			<i>For High Strength Steel (HSS), Add</i>	2.12	
05 12 23 00-0457	LF		5" x 3" x 1/4" Angle Iron.....	10.62	4.44
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.12	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	13.42	
			<i>For 316 Stainless Steel, Add</i>	15.07	
			<i>For Aluminum, Add</i>	0.85	
			<i>For Galvanized Steel, Add</i>	2.92	
			<i>For High Strength Steel (HSS), Add</i>	2.12	
05 12 23 00-0458	LF		5" x 3-1/2" x 1/4" Angle Iron.....	11.21	4.67
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.18	
			<i>For &gt;1,000, Deduct</i>	-1.62	
			<i>For 304 Stainless Steel, Add</i>	14.19	
			<i>For 316 Stainless Steel, Add</i>	15.94	
			<i>For Aluminum, Add</i>	0.90	
			<i>For Galvanized Steel, Add</i>	3.09	
			<i>For High Strength Steel (HSS), Add</i>	2.24	
05 12 23 00-0459			<b>5/16" Thick</b> <small>(05 12 23 00-0422)</small>		
05 12 23 00-0460	LF		2-1/2" x 2" x 5/16" Angle Iron.....	7.41	3.16
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.79	
			<i>For &gt;1,000, Deduct</i>	-1.08	
			<i>For 304 Stainless Steel, Add</i>	9.15	
			<i>For 316 Stainless Steel, Add</i>	10.27	
			<i>For Aluminum, Add</i>	0.58	
			<i>For Galvanized Steel, Add</i>	1.99	
			<i>For High Strength Steel (HSS), Add</i>	1.48	
05 12 23 00-0461	LF		2-1/2" x 2-1/2" x 5/16" Angle Iron.....	8.04	3.35
			<i>For &gt;100 To 250, Deduct</i>	-0.34	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.85	
			<i>For &gt;1,000, Deduct</i>	-1.16	
			<i>For 304 Stainless Steel, Add</i>	10.17	
			<i>For 316 Stainless Steel, Add</i>	11.42	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.21	
			<i>For High Strength Steel (HSS), Add</i>	1.61	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0462	LF		3" x 2" x 5/16" Angle Iron .....	8.04	3.35
			<i>For &gt;100 To 250, Deduct</i>	-0.34	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.85	
			<i>For &gt;1,000, Deduct</i>	-1.16	
			<i>For 304 Stainless Steel, Add</i>	10.17	
			<i>For 316 Stainless Steel, Add</i>	11.42	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.21	
			<i>For High Strength Steel (HSS), Add</i>	1.61	
05 12 23 00-0463	LF		3" x 2-1/2" x 5/16" Angle Iron .....	8.89	3.67
			<i>For &gt;100 To 250, Deduct</i>	-0.37	
			<i>For &gt;250 To 500, Deduct</i>	-0.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.93	
			<i>For &gt;1,000, Deduct</i>	-1.28	
			<i>For 304 Stainless Steel, Add</i>	11.40	
			<i>For 316 Stainless Steel, Add</i>	12.80	
			<i>For Aluminum, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.48	
			<i>For High Strength Steel (HSS), Add</i>	1.78	
05 12 23 00-0464	LF		3" x 3" x 5/16" Angle Iron .....	9.67	3.99
			<i>For &gt;100 To 250, Deduct</i>	-0.40	
			<i>For &gt;250 To 500, Deduct</i>	-0.64	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.02	
			<i>For &gt;1,000, Deduct</i>	-1.39	
			<i>For 304 Stainless Steel, Add</i>	12.40	
			<i>For 316 Stainless Steel, Add</i>	13.92	
			<i>For Aluminum, Add</i>	0.78	
			<i>For Galvanized Steel, Add</i>	2.70	
			<i>For High Strength Steel (HSS), Add</i>	1.93	
05 12 23 00-0465	LF		3-1/2" x 3" x 5/16" Angle Iron .....	10.29	4.19
			<i>For &gt;100 To 250, Deduct</i>	-0.42	
			<i>For &gt;250 To 500, Deduct</i>	-0.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.07	
			<i>For &gt;1,000, Deduct</i>	-1.47	
			<i>For 304 Stainless Steel, Add</i>	13.42	
			<i>For 316 Stainless Steel, Add</i>	15.07	
			<i>For Aluminum, Add</i>	0.85	
			<i>For Galvanized Steel, Add</i>	2.92	
			<i>For High Strength Steel (HSS), Add</i>	2.06	
05 12 23 00-0466	LF		3-1/2" x 3-1/2" x 5/16" Angle Iron .....	10.99	4.40
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.14	
			<i>For &gt;1,000, Deduct</i>	-1.56	
			<i>For 304 Stainless Steel, Add</i>	14.59	
			<i>For 316 Stainless Steel, Add</i>	16.38	
			<i>For Aluminum, Add</i>	0.92	
			<i>For Galvanized Steel, Add</i>	3.17	
			<i>For High Strength Steel (HSS), Add</i>	2.20	
05 12 23 00-0467	LF		4" x 3" x 5/16" Angle Iron .....	10.99	4.40
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.14	
			<i>For &gt;1,000, Deduct</i>	-1.56	
			<i>For 304 Stainless Steel, Add</i>	14.59	
			<i>For 316 Stainless Steel, Add</i>	16.38	
			<i>For Aluminum, Add</i>	0.92	
			<i>For Galvanized Steel, Add</i>	3.17	
			<i>For High Strength Steel (HSS), Add</i>	2.20	
05 12 23 00-0468	LF		4" x 3-1/2" x 5/16" Angle Iron .....	11.68	4.65
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.20	
			<i>For &gt;1,000, Deduct</i>	-1.65	
			<i>For 304 Stainless Steel, Add</i>	15.62	
			<i>For 316 Stainless Steel, Add</i>	17.54	
			<i>For Aluminum, Add</i>	0.99	
			<i>For Galvanized Steel, Add</i>	3.40	
			<i>For High Strength Steel (HSS), Add</i>	2.34	
05 12 23 00-0469	LF		4" x 4" x 5/16" Angle Iron .....	12.32	4.86
			<i>For &gt;100 To 250, Deduct</i>	-0.49	
			<i>For &gt;250 To 500, Deduct</i>	-0.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.26	
			<i>For &gt;1,000, Deduct</i>	-1.73	
			<i>For 304 Stainless Steel, Add</i>	16.67	
			<i>For 316 Stainless Steel, Add</i>	18.72	
			<i>For Aluminum, Add</i>	1.05	
			<i>For Galvanized Steel, Add</i>	3.63	
			<i>For High Strength Steel (HSS), Add</i>	2.46	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0470	LF		5" x 3" x 5/16" Angle Iron.....	12.32	4.86
			<i>For &gt;100 To 250, Deduct</i>	-0.49	
			<i>For &gt;250 To 500, Deduct</i>	-0.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.26	
			<i>For &gt;1,000, Deduct</i>	-1.73	
			<i>For 304 Stainless Steel, Add</i>	16.67	
			<i>For 316 Stainless Steel, Add</i>	18.72	
			<i>For Aluminum, Add</i>	1.05	
			<i>For Galvanized Steel, Add</i>	3.63	
			<i>For High Strength Steel (HSS), Add</i>	2.46	
05 12 23 00-0471	LF		5" x 3-1/2" x 5/16" Angle Iron.....	12.93	5.06
			<i>For &gt;100 To 250, Deduct</i>	-0.51	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.32	
			<i>For &gt;1,000, Deduct</i>	-1.81	
			<i>For 304 Stainless Steel, Add</i>	17.64	
			<i>For 316 Stainless Steel, Add</i>	19.81	
			<i>For Aluminum, Add</i>	1.11	
			<i>For Galvanized Steel, Add</i>	3.84	
			<i>For High Strength Steel (HSS), Add</i>	2.59	
05 12 23 00-0472	LF		5" x 5" x 5/16" Angle Iron.....	14.38	5.27
			<i>For &gt;100 To 250, Deduct</i>	-0.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.89	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.42	
			<i>For &gt;1,000, Deduct</i>	-1.96	
			<i>For 304 Stainless Steel, Add</i>	20.95	
			<i>For 316 Stainless Steel, Add</i>	23.52	
			<i>For Aluminum, Add</i>	1.32	
			<i>For Galvanized Steel, Add</i>	4.56	
			<i>For High Strength Steel (HSS), Add</i>	2.88	
05 12 23 00-0473	LF		6" x 3-1/2" x 5/16" Angle Iron.....	14.30	5.49
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.45	
			<i>For &gt;1,000, Deduct</i>	-1.99	
			<i>For 304 Stainless Steel, Add</i>	19.86	
			<i>For 316 Stainless Steel, Add</i>	22.30	
			<i>For Aluminum, Add</i>	1.25	
			<i>For Galvanized Steel, Add</i>	4.32	
			<i>For High Strength Steel (HSS), Add</i>	2.86	
<b>05 12 23 00-0474</b>			<b>3/8" Thick</b> <small>(05 12 23 00-0422)</small>		
05 12 23 00-0475	LF		3" x 2" x 3/8" Angle Iron.....	8.87	3.50
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.91	
			<i>For &gt;1,000, Deduct</i>	-1.25	
			<i>For 304 Stainless Steel, Add</i>	11.97	
			<i>For 316 Stainless Steel, Add</i>	13.44	
			<i>For Aluminum, Add</i>	0.76	
			<i>For Galvanized Steel, Add</i>	2.60	
			<i>For High Strength Steel (HSS), Add</i>	1.77	
05 12 23 00-0476	LF		3" x 2-1/2" x 3/8" Angle Iron.....	9.77	3.79
			<i>For &gt;100 To 250, Deduct</i>	-0.38	
			<i>For &gt;250 To 500, Deduct</i>	-0.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.99	
			<i>For &gt;1,000, Deduct</i>	-1.37	
			<i>For 304 Stainless Steel, Add</i>	13.42	
			<i>For 316 Stainless Steel, Add</i>	15.07	
			<i>For Aluminum, Add</i>	0.85	
			<i>For Galvanized Steel, Add</i>	2.92	
			<i>For High Strength Steel (HSS), Add</i>	1.95	
05 12 23 00-0477	LF		3" x 3" x 3/8" Angle Iron.....	10.56	4.08
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.67	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.07	
			<i>For &gt;1,000, Deduct</i>	-1.47	
			<i>For 304 Stainless Steel, Add</i>	14.59	
			<i>For 316 Stainless Steel, Add</i>	16.38	
			<i>For Aluminum, Add</i>	0.92	
			<i>For Galvanized Steel, Add</i>	3.17	
			<i>For High Strength Steel (HSS), Add</i>	2.11	
05 12 23 00-0478	LF		3-1/2" x 3" x 3/8" Angle Iron.....	11.23	4.20
			<i>For &gt;100 To 250, Deduct</i>	-0.42	
			<i>For &gt;250 To 500, Deduct</i>	-0.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.12	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	16.07	
			<i>For 316 Stainless Steel, Add</i>	18.05	
			<i>For Aluminum, Add</i>	1.02	
			<i>For Galvanized Steel, Add</i>	3.50	
			<i>For High Strength Steel (HSS), Add</i>	2.25	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0479	LF		3-1/2" x 3-1/2" x 3/8" Angle Iron.....	11.96	4.43
			For >100 To 250, Deduct	-0.44	
			For >250 To 500, Deduct	-0.74	
			For >500 To 1,000, Deduct	-1.19	
			For >1,000, Deduct	-1.64	
			For 304 Stainless Steel, Add	17.24	
			For 316 Stainless Steel, Add	19.36	
			For Aluminum, Add	1.09	
			For Galvanized Steel, Add	3.75	
			For High Strength Steel (HSS), Add	2.39	
05 12 23 00-0480	LF		4" x 3" x 3/8" Angle Iron.....	11.96	4.43
			For >100 To 250, Deduct	-0.44	
			For >250 To 500, Deduct	-0.74	
			For >500 To 1,000, Deduct	-1.19	
			For >1,000, Deduct	-1.64	
			For 304 Stainless Steel, Add	17.24	
			For 316 Stainless Steel, Add	19.36	
			For Aluminum, Add	1.09	
			For Galvanized Steel, Add	3.75	
			For High Strength Steel (HSS), Add	2.39	
05 12 23 00-0481	LF		4" x 3-1/2" x 3/8" Angle Iron.....	12.91	4.83
			For >100 To 250, Deduct	-0.48	
			For >250 To 500, Deduct	-0.81	
			For >500 To 1,000, Deduct	-1.29	
			For >1,000, Deduct	-1.77	
			For 304 Stainless Steel, Add	18.47	
			For 316 Stainless Steel, Add	20.74	
			For Aluminum, Add	1.17	
			For Galvanized Steel, Add	4.02	
			For High Strength Steel (HSS), Add	2.58	
05 12 23 00-0482	LF		4" x 4" x 3/8" Angle Iron.....	13.59	4.97
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-0.84	
			For >500 To 1,000, Deduct	-1.34	
			For >1,000, Deduct	-1.85	
			For 304 Stainless Steel, Add	19.86	
			For 316 Stainless Steel, Add	22.30	
			For Aluminum, Add	1.25	
			For Galvanized Steel, Add	4.32	
			For High Strength Steel (HSS), Add	2.72	
05 12 23 00-0483	LF		5" x 3" x 3/8" Angle Iron.....	13.86	5.16
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.86	
			For >500 To 1,000, Deduct	-1.38	
			For >1,000, Deduct	-1.90	
			For 304 Stainless Steel, Add	19.86	
			For 316 Stainless Steel, Add	22.30	
			For Aluminum, Add	1.25	
			For Galvanized Steel, Add	4.32	
			For High Strength Steel (HSS), Add	2.77	
05 12 23 00-0484	LF		5" x 3-1/2" x 3/8" Angle Iron.....	14.82	5.56
			For >100 To 250, Deduct	-0.56	
			For >250 To 500, Deduct	-0.93	
			For >500 To 1,000, Deduct	-1.48	
			For >1,000, Deduct	-2.04	
			For 304 Stainless Steel, Add	21.09	
			For 316 Stainless Steel, Add	23.68	
			For Aluminum, Add	1.33	
			For Galvanized Steel, Add	4.59	
			For High Strength Steel (HSS), Add	2.96	
05 12 23 00-0485	LF		5" x 5" x 3/8" Angle Iron.....	17.42	6.48
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.08	
			For >500 To 1,000, Deduct	-1.74	
			For >1,000, Deduct	-2.39	
			For 304 Stainless Steel, Add	25.02	
			For 316 Stainless Steel, Add	28.10	
			For Aluminum, Add	1.58	
			For Galvanized Steel, Add	5.44	
			For High Strength Steel (HSS), Add	3.48	
05 12 23 00-0486	LF		6" x 3-1/2" x 3/8" Angle Iron.....	16.36	6.03
			For >100 To 250, Deduct	-0.60	
			For >250 To 500, Deduct	-1.01	
			For >500 To 1,000, Deduct	-1.62	
			For >1,000, Deduct	-2.23	
			For 304 Stainless Steel, Add	23.74	
			For 316 Stainless Steel, Add	26.66	
			For Aluminum, Add	1.50	
			For Galvanized Steel, Add	5.16	
			For High Strength Steel (HSS), Add	3.27	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0487	LF		6" x 4" x 3/8" Angle Iron .....	17.42	6.48
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-1.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.74	
			<i>For &gt;1,000, Deduct</i>	-2.39	
			<i>For 304 Stainless Steel, Add</i>	25.02	
			<i>For 316 Stainless Steel, Add</i>	28.10	
			<i>For Aluminum, Add</i>	1.58	
			<i>For Galvanized Steel, Add</i>	5.44	
			<i>For High Strength Steel (HSS), Add</i>	3.48	
05 12 23 00-0488	LF		6" x 6" x 3/8" Angle Iron .....	21.00	7.78
			<i>For &gt;100 To 250, Deduct</i>	-0.78	
			<i>For &gt;250 To 500, Deduct</i>	-1.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.09	
			<i>For &gt;1,000, Deduct</i>	-2.87	
			<i>For 304 Stainless Steel, Add</i>	30.30	
			<i>For 316 Stainless Steel, Add</i>	34.02	
			<i>For Aluminum, Add</i>	1.91	
			<i>For Galvanized Steel, Add</i>	6.59	
			<i>For High Strength Steel (HSS), Add</i>	4.20	
05 12 23 00-0489	LF		7" x 4" x 3/8" Angle Iron .....	19.22	7.14
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-1.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.91	
			<i>For &gt;1,000, Deduct</i>	-2.63	
			<i>For 304 Stainless Steel, Add</i>	27.65	
			<i>For 316 Stainless Steel, Add</i>	31.04	
			<i>For Aluminum, Add</i>	1.75	
			<i>For Galvanized Steel, Add</i>	6.01	
			<i>For High Strength Steel (HSS), Add</i>	3.84	
05 12 23 00-0490			1/2" Thick <small>(05 12 23 00-0422)</small>		
05 12 23 00-0491	LF		3" x 3" x 1/2" Angle Iron .....	12.27	4.17
			<i>For &gt;100 To 250, Deduct</i>	-0.42	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.17	
			<i>For &gt;1,000, Deduct</i>	-1.62	
			<i>For 304 Stainless Steel, Add</i>	19.12	
			<i>For 316 Stainless Steel, Add</i>	21.47	
			<i>For Aluminum, Add</i>	1.21	
			<i>For Galvanized Steel, Add</i>	4.16	
			<i>For High Strength Steel (HSS), Add</i>	2.45	
05 12 23 00-0492	LF		4" x 3" x 1/2" Angle Iron .....	14.49	4.93
			<i>For &gt;100 To 250, Deduct</i>	-0.49	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.38	
			<i>For &gt;1,000, Deduct</i>	-1.91	
			<i>For 304 Stainless Steel, Add</i>	22.57	
			<i>For 316 Stainless Steel, Add</i>	25.34	
			<i>For Aluminum, Add</i>	1.43	
			<i>For Galvanized Steel, Add</i>	4.91	
			<i>For High Strength Steel (HSS), Add</i>	2.90	
05 12 23 00-0493	LF		4" x 3-1/2" x 1/2" Angle Iron .....	15.54	5.28
			<i>For &gt;100 To 250, Deduct</i>	-0.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.92	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.48	
			<i>For &gt;1,000, Deduct</i>	-2.05	
			<i>For 304 Stainless Steel, Add</i>	24.20	
			<i>For 316 Stainless Steel, Add</i>	27.17	
			<i>For Aluminum, Add</i>	1.53	
			<i>For Galvanized Steel, Add</i>	5.26	
			<i>For High Strength Steel (HSS), Add</i>	3.11	
05 12 23 00-0494	LF		4" x 4" x 1/2" Angle Iron .....	16.71	5.69
			<i>For &gt;100 To 250, Deduct</i>	-0.57	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.59	
			<i>For &gt;1,000, Deduct</i>	-2.20	
			<i>For 304 Stainless Steel, Add</i>	26.02	
			<i>For 316 Stainless Steel, Add</i>	29.22	
			<i>For Aluminum, Add</i>	1.64	
			<i>For Galvanized Steel, Add</i>	5.66	
			<i>For High Strength Steel (HSS), Add</i>	3.34	
05 12 23 00-0495	LF		5" x 3" x 1/2" Angle Iron .....	16.71	5.69
			<i>For &gt;100 To 250, Deduct</i>	-0.57	
			<i>For &gt;250 To 500, Deduct</i>	-0.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.59	
			<i>For &gt;1,000, Deduct</i>	-2.20	
			<i>For 304 Stainless Steel, Add</i>	26.02	
			<i>For 316 Stainless Steel, Add</i>	29.22	
			<i>For Aluminum, Add</i>	1.64	
			<i>For Galvanized Steel, Add</i>	5.66	
			<i>For High Strength Steel (HSS), Add</i>	3.34	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0496	LF		5" x 3-1/2" x 1/2" Angle Iron .....	17.75	6.04
			For >100 To 250, Deduct	-0.60	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.69	
			For >1,000, Deduct	-2.34	
			For 304 Stainless Steel, Add	27.65	
			For 316 Stainless Steel, Add	31.04	
			For Aluminum, Add	1.75	
			For Galvanized Steel, Add	6.01	
			For High Strength Steel (HSS), Add	3.55	
05 12 23 00-0497	LF		5" x 5" x 1/2" Angle Iron .....	21.16	7.20
			For >100 To 250, Deduct	-0.72	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.79	
			For 304 Stainless Steel, Add	32.95	
			For 316 Stainless Steel, Add	36.99	
			For Aluminum, Add	2.08	
			For Galvanized Steel, Add	7.17	
			For High Strength Steel (HSS), Add	4.23	
05 12 23 00-0498	LF		6" x 4" x 1/2" Angle Iron .....	21.16	7.20
			For >100 To 250, Deduct	-0.72	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.79	
			For 304 Stainless Steel, Add	32.95	
			For 316 Stainless Steel, Add	36.99	
			For Aluminum, Add	2.08	
			For Galvanized Steel, Add	7.17	
			For High Strength Steel (HSS), Add	4.23	
05 12 23 00-0499	LF		6" x 6" x 1/2" Angle Iron .....	25.59	8.70
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.51	
			For >500 To 1,000, Deduct	-2.44	
			For >1,000, Deduct	-3.37	
			For 304 Stainless Steel, Add	39.84	
			For 316 Stainless Steel, Add	44.74	
			For Aluminum, Add	2.52	
			For Galvanized Steel, Add	8.67	
			For High Strength Steel (HSS), Add	5.12	
05 12 23 00-0500	LF		7" x 4" x 1/2" Angle Iron .....	23.37	7.95
			For >100 To 250, Deduct	-0.80	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.08	
			For 304 Stainless Steel, Add	36.39	
			For 316 Stainless Steel, Add	40.86	
			For Aluminum, Add	2.30	
			For Galvanized Steel, Add	7.92	
			For High Strength Steel (HSS), Add	4.67	
05 12 23 00-0501	LF		8" x 4" x 1/2" Angle Iron .....	25.59	8.70
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.51	
			For >500 To 1,000, Deduct	-2.44	
			For >1,000, Deduct	-3.37	
			For 304 Stainless Steel, Add	39.84	
			For 316 Stainless Steel, Add	44.74	
			For Aluminum, Add	2.52	
			For Galvanized Steel, Add	8.67	
			For High Strength Steel (HSS), Add	5.12	
05 12 23 00-0502	LF		8" x 6" x 1/2" Angle Iron .....	30.03	10.22
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.86	
			For >1,000, Deduct	-3.95	
			For 304 Stainless Steel, Add	46.77	
			For 316 Stainless Steel, Add	52.51	
			For Aluminum, Add	2.95	
			For Galvanized Steel, Add	10.17	
			For High Strength Steel (HSS), Add	6.01	
05 12 23 00-0503	LF		8" x 8" x 1/2" Angle Iron .....	34.47	11.72
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-2.03	
			For >500 To 1,000, Deduct	-3.29	
			For >1,000, Deduct	-4.54	
			For 304 Stainless Steel, Add	53.67	
			For 316 Stainless Steel, Add	60.26	
			For Aluminum, Add	3.39	
			For Galvanized Steel, Add	11.67	
			For High Strength Steel (HSS), Add	6.89	

05 12 23 00-0504 5/8" Thick (05 12 23 00-0422)



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0505 LF 4" x 4" x 5/8" Angle Iron .....	19.89	6.51
For >100 To 250, Deduct	-0.65	
For >250 To 500, Deduct	-1.15	
For >500 To 1,000, Deduct	-1.86	
For >1,000, Deduct	-2.58	
For 316 Stainless Steel, Add	35.84	
For Aluminum, Add	2.02	
For Galvanized Steel, Add	6.94	
For High Strength Steel (HSS), Add	3.98	
05 12 23 00-0506 LF 5" x 3-1/2" x 5/8" Angle Iron .....	21.28	6.98
For >100 To 250, Deduct	-0.70	
For >250 To 500, Deduct	-1.23	
For >500 To 1,000, Deduct	-1.99	
For >1,000, Deduct	-2.76	
For 316 Stainless Steel, Add	38.37	
For Aluminum, Add	2.16	
For Galvanized Steel, Add	7.43	
For High Strength Steel (HSS), Add	4.26	
05 12 23 00-0507 LF 5" x 5" x 5/8" Angle Iron .....	25.34	8.31
For >100 To 250, Deduct	-0.83	
For >250 To 500, Deduct	-1.46	
For >500 To 1,000, Deduct	-2.37	
For >1,000, Deduct	-3.28	
For 316 Stainless Steel, Add	45.66	
For Aluminum, Add	2.57	
For Galvanized Steel, Add	8.85	
For High Strength Steel (HSS), Add	5.07	
05 12 23 00-0508 LF 6" x 4" x 5/8" Angle Iron .....	25.34	8.31
For >100 To 250, Deduct	-0.83	
For >250 To 500, Deduct	-1.46	
For >500 To 1,000, Deduct	-2.37	
For >1,000, Deduct	-3.28	
For 316 Stainless Steel, Add	45.66	
For Aluminum, Add	2.57	
For Galvanized Steel, Add	8.85	
For High Strength Steel (HSS), Add	5.07	
05 12 23 00-0509 LF 6" x 6" x 5/8" Angle Iron .....	30.67	10.04
For >100 To 250, Deduct	-1.01	
For >250 To 500, Deduct	-1.77	
For >500 To 1,000, Deduct	-2.87	
For >1,000, Deduct	-3.98	
For 316 Stainless Steel, Add	55.26	
For Aluminum, Add	3.11	
For Galvanized Steel, Add	10.71	
For High Strength Steel (HSS), Add	6.13	
05 12 23 00-0510 LF 7" x 4" x 5/8" Angle Iron .....	28.00	9.17
For >100 To 250, Deduct	-0.92	
For >250 To 500, Deduct	-1.62	
For >500 To 1,000, Deduct	-2.62	
For >1,000, Deduct	-3.63	
For 316 Stainless Steel, Add	50.46	
For Aluminum, Add	2.84	
For Galvanized Steel, Add	9.78	
For High Strength Steel (HSS), Add	5.60	
05 12 23 00-0511 LF 8" x 6" x 5/8" Angle Iron .....	36.11	11.84
For >100 To 250, Deduct	-1.18	
For >250 To 500, Deduct	-2.09	
For >500 To 1,000, Deduct	-3.38	
For >1,000, Deduct	-4.68	
For 316 Stainless Steel, Add	65.06	
For Aluminum, Add	3.66	
For Galvanized Steel, Add	12.60	
For High Strength Steel (HSS), Add	7.22	
05 12 23 00-0512 LF 8" x 8" x 5/8" Angle Iron .....	41.43	13.57
For >100 To 250, Deduct	-1.36	
For >250 To 500, Deduct	-2.39	
For >500 To 1,000, Deduct	-3.88	
For >1,000, Deduct	-5.37	
For 316 Stainless Steel, Add	74.66	
For Aluminum, Add	4.20	
For Galvanized Steel, Add	14.46	
For High Strength Steel (HSS), Add	8.29	
<b>05 12 23 00-0513 3/4" Thick (05 12 23 00-0422)</b>		
05 12 23 00-0514 LF 4" x 4" x 3/4" Angle Iron .....	22.81	7.20
For >100 To 250, Deduct	-0.72	
For >250 To 500, Deduct	-1.29	
For >500 To 1,000, Deduct	-2.10	
For >1,000, Deduct	-2.91	
For 316 Stainless Steel, Add	42.24	
For Aluminum, Add	2.38	
For Galvanized Steel, Add	8.18	
For High Strength Steel (HSS), Add	4.56	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0515	LF		5" x 3-1/2" x 3/4" Angle Iron .....	24.39	7.70
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.25	
			For >1,000, Deduct	-3.11	
			For 316 Stainless Steel, Add	45.18	
			For Aluminum, Add	2.54	
			For Galvanized Steel, Add	8.75	
			For High Strength Steel (HSS), Add	4.88	
05 12 23 00-0516	LF		5" x 5" x 3/4" Angle Iron .....	29.09	9.18
			For >100 To 250, Deduct	-0.92	
			For >250 To 500, Deduct	-1.65	
			For >500 To 1,000, Deduct	-2.68	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	53.89	
			For Aluminum, Add	3.03	
			For Galvanized Steel, Add	10.44	
			For High Strength Steel (HSS), Add	5.82	
05 12 23 00-0517	LF		6" x 4" x 3/4" Angle Iron .....	29.09	9.18
			For >100 To 250, Deduct	-0.92	
			For >250 To 500, Deduct	-1.65	
			For >500 To 1,000, Deduct	-2.68	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	53.89	
			For Aluminum, Add	3.03	
			For Galvanized Steel, Add	10.44	
			For High Strength Steel (HSS), Add	5.82	
05 12 23 00-0518	LF		6" x 6" x 3/4" Angle Iron .....	35.37	11.17
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-2.00	
			For >500 To 1,000, Deduct	-3.26	
			For >1,000, Deduct	-4.52	
			For 316 Stainless Steel, Add	65.50	
			For Aluminum, Add	3.68	
			For Galvanized Steel, Add	12.69	
			For High Strength Steel (HSS), Add	7.07	
05 12 23 00-0519	LF		7" x 4" x 3/4" Angle Iron .....	32.28	10.20
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.83	
			For >500 To 1,000, Deduct	-2.97	
			For >1,000, Deduct	-4.12	
			For 316 Stainless Steel, Add	59.81	
			For Aluminum, Add	3.36	
			For Galvanized Steel, Add	11.59	
			For High Strength Steel (HSS), Add	6.46	
05 12 23 00-0520	LF		8" x 4" x 3/4" Angle Iron .....	35.37	11.17
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-2.00	
			For >500 To 1,000, Deduct	-3.26	
			For >1,000, Deduct	-4.52	
			For 316 Stainless Steel, Add	65.50	
			For Aluminum, Add	3.68	
			For Galvanized Steel, Add	12.69	
			For High Strength Steel (HSS), Add	7.07	
05 12 23 00-0521	LF		8" x 6" x 3/4" Angle Iron .....	41.66	13.16
			For >100 To 250, Deduct	-1.32	
			For >250 To 500, Deduct	-2.36	
			For >500 To 1,000, Deduct	-3.84	
			For >1,000, Deduct	-5.32	
			For 316 Stainless Steel, Add	77.18	
			For Aluminum, Add	4.34	
			For Galvanized Steel, Add	14.95	
			For High Strength Steel (HSS), Add	8.33	
05 12 23 00-0522	LF		8" x 8" x 3/4" Angle Iron .....	47.94	15.14
			For >100 To 250, Deduct	-1.51	
			For >250 To 500, Deduct	-2.71	
			For >500 To 1,000, Deduct	-4.42	
			For >1,000, Deduct	-6.12	
			For 316 Stainless Steel, Add	88.83	
			For Aluminum, Add	5.00	
			For Galvanized Steel, Add	17.21	
			For High Strength Steel (HSS), Add	9.59	
05 12 23 00-0523			<b>7/8" Thick</b> (05 12 23 00-0422)		
05 12 23 00-0524	LF		5" x 5" x 7/8" Angle Iron .....	32.58	9.88
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.80	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.09	
			For 316 Stainless Steel, Add	62.08	
			For Aluminum, Add	3.49	
			For Galvanized Steel, Add	12.03	
			For High Strength Steel (HSS), Add	6.52	





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0525	LF		6" x 4" x 7/8" Angle Iron .....	32.58	9.88
			<i>For &gt;100 To 250, Deduct</i>	-0.99	
			<i>For &gt;250 To 500, Deduct</i>	-1.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.95	
			<i>For &gt;1,000, Deduct</i>	-4.09	
			<i>For 316 Stainless Steel, Add</i>	62.08	
			<i>For Aluminum, Add</i>	3.49	
			<i>For Galvanized Steel, Add</i>	12.03	
			<i>For High Strength Steel (HSS), Add</i>	6.52	
05 12 23 00-0526	LF		6" x 6" x 7/8" Angle Iron .....	39.65	12.03
			<i>For &gt;100 To 250, Deduct</i>	-1.20	
			<i>For &gt;250 To 500, Deduct</i>	-2.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.59	
			<i>For &gt;1,000, Deduct</i>	-4.98	
			<i>For 316 Stainless Steel, Add</i>	75.58	
			<i>For Aluminum, Add</i>	4.25	
			<i>For Galvanized Steel, Add</i>	14.64	
			<i>For High Strength Steel (HSS), Add</i>	7.93	
05 12 23 00-0527	LF		8" x 6" x 7/8" Angle Iron .....	46.83	14.20
			<i>For &gt;100 To 250, Deduct</i>	-1.42	
			<i>For &gt;250 To 500, Deduct</i>	-2.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.23	
			<i>For &gt;1,000, Deduct</i>	-5.88	
			<i>For 316 Stainless Steel, Add</i>	89.28	
			<i>For Aluminum, Add</i>	5.02	
			<i>For Galvanized Steel, Add</i>	17.30	
			<i>For High Strength Steel (HSS), Add</i>	9.37	
05 12 23 00-0528	LF		8" x 8" x 7/8" Angle Iron .....	53.90	16.35
			<i>For &gt;100 To 250, Deduct</i>	-1.64	
			<i>For &gt;250 To 500, Deduct</i>	-2.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.88	
			<i>For &gt;1,000, Deduct</i>	-6.77	
			<i>For 316 Stainless Steel, Add</i>	102.72	
			<i>For Aluminum, Add</i>	5.78	
			<i>For Galvanized Steel, Add</i>	19.90	
			<i>For High Strength Steel (HSS), Add</i>	10.78	
<b>05 12 23 00-0529</b>			<b>Bar Channel</b> <small>(05 12 23 00-042 1)</small>		
05 12 23 00-0530	LF		1" x 1/2" x 1/8" Thick Bar Channel .....	2.96	
			<i>For 304 Stainless Steel, Add</i>	2.22	
			<i>For 316 Stainless Steel, Add</i>	2.50	
			<i>For Aluminum, Add</i>	0.14	
			<i>For Galvanized Steel, Add</i>	0.48	
			<i>For High Strength Steel (HSS), Add</i>	0.59	
05 12 23 00-0531	LF		1-1/4" x 1/2" x 1/8" Thick Bar Channel .....	3.30	
			<i>For 304 Stainless Steel, Add</i>	2.65	
			<i>For 316 Stainless Steel, Add</i>	2.98	
			<i>For Aluminum, Add</i>	0.17	
			<i>For Galvanized Steel, Add</i>	0.58	
			<i>For High Strength Steel (HSS), Add</i>	0.66	
05 12 23 00-0532	LF		1-1/2" x 1/2" x 1/8" Thick Bar Channel .....	3.60	
			<i>For 304 Stainless Steel, Add</i>	2.94	
			<i>For 316 Stainless Steel, Add</i>	3.30	
			<i>For Aluminum, Add</i>	0.19	
			<i>For Galvanized Steel, Add</i>	0.64	
			<i>For High Strength Steel (HSS), Add</i>	0.72	
05 12 23 00-0533	LF		1-1/2" x 3/4" x 1/8" Thick Bar Channel .....	4.14	
			<i>For 304 Stainless Steel, Add</i>	3.05	
			<i>For 316 Stainless Steel, Add</i>	3.42	
			<i>For Aluminum, Add</i>	0.19	
			<i>For Galvanized Steel, Add</i>	0.66	
			<i>For High Strength Steel (HSS), Add</i>	0.83	
05 12 23 00-0534	LF		2" x 1/2" x 1/8" Thick Bar Channel .....	4.38	
			<i>For 304 Stainless Steel, Add</i>	3.73	
			<i>For 316 Stainless Steel, Add</i>	4.19	
			<i>For Aluminum, Add</i>	0.24	
			<i>For Galvanized Steel, Add</i>	0.81	
05 12 23 00-0535	LF		2" x 1" x 1/8" Thick Bar Channel .....	5.86	
			<i>For 304 Stainless Steel, Add</i>	4.19	
			<i>For 316 Stainless Steel, Add</i>	4.70	
			<i>For Aluminum, Add</i>	0.26	
			<i>For Galvanized Steel, Add</i>	0.91	
<b>05 12 23 00-0536</b>			<b>Channels - C</b> <small>(05 12 23 00-042 1)</small>		
05 12 23 00-0537	LF		C2 x 1.78 - 2" Wide Channel .....	4.86	2.71
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000, Deduct</i>	-0.82	
			<i>For 304 Stainless Steel, Add</i>	3.56	
			<i>For 316 Stainless Steel, Add</i>	4.00	
			<i>For Aluminum, Add</i>	0.23	
			<i>For Galvanized Steel, Add</i>	0.78	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0538	LF		C3 x 4.1 - 3" Wide Channel.....	8.11	3.89
			<i>For &gt;100 To 250, Deduct</i>	-0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.92	
			<i>For &gt;1,000, Deduct</i>	-1.26	
			<i>For 304 Stainless Steel, Add</i>	8.32	
			<i>For 316 Stainless Steel, Add</i>	9.34	
			<i>For Aluminum, Add</i>	0.53	
			<i>For Galvanized Steel, Add</i>	1.81	
05 12 23 00-0539	LF		C3 x 5 - 3" Wide Channel.....	9.90	4.75
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.13	
			<i>For &gt;1,000, Deduct</i>	-1.53	
			<i>For 304 Stainless Steel, Add</i>	10.17	
			<i>For 316 Stainless Steel, Add</i>	11.42	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.21	
05 12 23 00-0540	LF		C3 x 6 - 3" Wide Channel.....	11.88	5.70
			<i>For &gt;100 To 250, Deduct</i>	-0.57	
			<i>For &gt;250 To 500, Deduct</i>	-0.87	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.35	
			<i>For &gt;1,000, Deduct</i>	-1.84	
			<i>For 304 Stainless Steel, Add</i>	12.20	
			<i>For 316 Stainless Steel, Add</i>	13.70	
			<i>For Aluminum, Add</i>	0.77	
			<i>For Galvanized Steel, Add</i>	2.65	
05 12 23 00-0541	LF		C4 x 5.4 - 4" Wide Channel.....	10.08	4.67
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.13	
			<i>For &gt;1,000, Deduct</i>	-1.53	
			<i>For 304 Stainless Steel, Add</i>	10.97	
			<i>For 316 Stainless Steel, Add</i>	12.32	
			<i>For Aluminum, Add</i>	0.69	
			<i>For Galvanized Steel, Add</i>	2.39	
05 12 23 00-0542	LF		C4 x 7.25 - 4" Wide Channel.....	13.53	6.27
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.51	
			<i>For &gt;1,000, Deduct</i>	-2.06	
			<i>For 304 Stainless Steel, Add</i>	14.73	
			<i>For 316 Stainless Steel, Add</i>	16.54	
			<i>For Aluminum, Add</i>	0.93	
			<i>For Galvanized Steel, Add</i>	3.21	
05 12 23 00-0543	LF		C5 x 6.7 - 5" Wide Channel.....	12.05	5.44
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-0.85	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.33	
			<i>For &gt;1,000, Deduct</i>	-1.81	
			<i>For 304 Stainless Steel, Add</i>	13.62	
			<i>For 316 Stainless Steel, Add</i>	15.30	
			<i>For Aluminum, Add</i>	0.86	
			<i>For Galvanized Steel, Add</i>	2.96	
05 12 23 00-0544	LF		C5 x 9 - 5" Wide Channel.....	16.18	7.32
			<i>For &gt;100 To 250, Deduct</i>	-0.73	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.79	
			<i>For &gt;1,000, Deduct</i>	-2.43	
			<i>For 304 Stainless Steel, Add</i>	18.30	
			<i>For 316 Stainless Steel, Add</i>	20.54	
			<i>For Aluminum, Add</i>	1.16	
			<i>For Galvanized Steel, Add</i>	3.98	
05 12 23 00-0545	LF		C6 x 8.2 - 6" Wide Channel.....	14.57	6.54
			<i>For &gt;100 To 250, Deduct</i>	-0.65	
			<i>For &gt;250 To 500, Deduct</i>	-1.02	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.60	
			<i>For &gt;1,000, Deduct</i>	-2.18	
			<i>For 304 Stainless Steel, Add</i>	16.67	
			<i>For 316 Stainless Steel, Add</i>	18.72	
			<i>For Aluminum, Add</i>	1.05	
			<i>For Galvanized Steel, Add</i>	3.63	
05 12 23 00-0546	LF		C6 x 10.5 - 6" Wide Channel.....	18.65	8.37
			<i>For &gt;100 To 250, Deduct</i>	-0.84	
			<i>For &gt;250 To 500, Deduct</i>	-1.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.05	
			<i>For &gt;1,000, Deduct</i>	-2.79	
			<i>For 304 Stainless Steel, Add</i>	21.35	
			<i>For 316 Stainless Steel, Add</i>	23.97	
			<i>For Aluminum, Add</i>	1.35	
			<i>For Galvanized Steel, Add</i>	4.64	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0547	LF		C6 x 13 - 6" Wide Channel .....	23.09	10.36
			For >100 To 250, Deduct	-1.04	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.54	
			For >1,000, Deduct	-3.46	
			For 304 Stainless Steel, Add	26.42	
			For 316 Stainless Steel, Add	29.66	
			For Aluminum, Add	1.67	
			For Galvanized Steel, Add	5.75	
05 12 23 00-0548	LF		C7 x 9.8 - 7" Wide Channel .....	17.36	7.78
			For >100 To 250, Deduct	-0.78	
			For >250 To 500, Deduct	-1.21	
			For >500 To 1,000, Deduct	-1.91	
			For >1,000, Deduct	-2.60	
			For 304 Stainless Steel, Add	19.92	
			For 316 Stainless Steel, Add	22.37	
			For Aluminum, Add	1.26	
			For Galvanized Steel, Add	4.33	
05 12 23 00-0549	LF		C7 x 12.25 - 7" Wide Channel .....	21.71	9.73
			For >100 To 250, Deduct	-0.97	
			For >250 To 500, Deduct	-1.52	
			For >500 To 1,000, Deduct	-2.38	
			For >1,000, Deduct	-3.25	
			For 304 Stainless Steel, Add	24.91	
			For 316 Stainless Steel, Add	27.97	
			For Aluminum, Add	1.57	
			For Galvanized Steel, Add	5.42	
05 12 23 00-0550	LF		C7 x 14.75 - 7" Wide Channel .....	26.15	11.71
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.83	
			For >500 To 1,000, Deduct	-2.87	
			For >1,000, Deduct	-3.92	
			For 304 Stainless Steel, Add	29.98	
			For 316 Stainless Steel, Add	33.66	
			For Aluminum, Add	1.89	
			For Galvanized Steel, Add	6.52	
05 12 23 00-0551	LF		C8 x 11.5 - 8" Wide Channel .....	19.62	8.56
			For >100 To 250, Deduct	-0.86	
			For >250 To 500, Deduct	-1.35	
			For >500 To 1,000, Deduct	-2.12	
			For >1,000, Deduct	-2.90	
			For 304 Stainless Steel, Add	23.37	
			For 316 Stainless Steel, Add	26.24	
			For Aluminum, Add	1.48	
			For Galvanized Steel, Add	5.08	
05 12 23 00-0552	LF		C8 x 13.75 - 8" Wide Channel .....	23.46	10.24
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.54	
			For >1,000, Deduct	-3.47	
			For 304 Stainless Steel, Add	27.96	
			For 316 Stainless Steel, Add	31.39	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.08	
05 12 23 00-0553	LF		C8 x 18.75 - 8" Wide Channel .....	31.99	13.96
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-2.20	
			For >500 To 1,000, Deduct	-3.46	
			For >1,000, Deduct	-4.73	
			For 304 Stainless Steel, Add	38.13	
			For 316 Stainless Steel, Add	42.82	
			For Aluminum, Add	2.41	
			For Galvanized Steel, Add	8.30	
05 12 23 00-0554	LF		C9 x 13.4 - 9" Wide Channel .....	22.87	9.98
			For >100 To 250, Deduct	-1.00	
			For >250 To 500, Deduct	-1.57	
			For >500 To 1,000, Deduct	-2.47	
			For >1,000, Deduct	-3.38	
			For 304 Stainless Steel, Add	27.25	
			For 316 Stainless Steel, Add	30.59	
			For Aluminum, Add	1.72	
			For Galvanized Steel, Add	5.93	
05 12 23 00-0555	LF		C9 x 15 - 9" Wide Channel .....	25.59	11.17
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-1.76	
			For >500 To 1,000, Deduct	-2.77	
			For >1,000, Deduct	-3.78	
			For 304 Stainless Steel, Add	30.50	
			For 316 Stainless Steel, Add	34.24	
			For Aluminum, Add	1.93	
			For Galvanized Steel, Add	6.63	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0556	LF		C9 x 20 - 9" Wide Channel.....	34.13	14.89
			<i>For &gt;100 To 250, Deduct</i>	-1.49	
			<i>For &gt;250 To 500, Deduct</i>	-2.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.69	
			<i>For &gt;1,000, Deduct</i>	-5.04	
			<i>For 304 Stainless Steel, Add</i>	40.67	
			<i>For 316 Stainless Steel, Add</i>	45.66	
			<i>For Aluminum, Add</i>	2.57	
			<i>For Galvanized Steel, Add</i>	8.85	
05 12 23 00-0557	LF		C10 x 15.3 - 10" Wide Channel.....	26.09	11.39
			<i>For &gt;100 To 250, Deduct</i>	-1.14	
			<i>For &gt;250 To 500, Deduct</i>	-1.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.82	
			<i>For &gt;1,000, Deduct</i>	-3.85	
			<i>For 304 Stainless Steel, Add</i>	31.09	
			<i>For 316 Stainless Steel, Add</i>	34.91	
			<i>For Aluminum, Add</i>	1.96	
			<i>For Galvanized Steel, Add</i>	6.76	
05 12 23 00-0558	LF		C10 x 20 - 10" Wide Channel.....	34.13	14.89
			<i>For &gt;100 To 250, Deduct</i>	-1.49	
			<i>For &gt;250 To 500, Deduct</i>	-2.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.69	
			<i>For &gt;1,000, Deduct</i>	-5.04	
			<i>For 304 Stainless Steel, Add</i>	40.67	
			<i>For 316 Stainless Steel, Add</i>	45.66	
			<i>For Aluminum, Add</i>	2.57	
			<i>For Galvanized Steel, Add</i>	8.85	
05 12 23 00-0559	LF		C10 x 25 - 10" Wide Channel.....	42.65	18.61
			<i>For &gt;100 To 250, Deduct</i>	-1.86	
			<i>For &gt;250 To 500, Deduct</i>	-2.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.61	
			<i>For &gt;1,000, Deduct</i>	-6.30	
			<i>For 304 Stainless Steel, Add</i>	50.82	
			<i>For 316 Stainless Steel, Add</i>	57.06	
			<i>For Aluminum, Add</i>	3.21	
			<i>For Galvanized Steel, Add</i>	11.05	
05 12 23 00-0560	LF		C10 x 30 - 10" Wide Channel.....	51.18	22.33
			<i>For &gt;100 To 250, Deduct</i>	-2.23	
			<i>For &gt;250 To 500, Deduct</i>	-3.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.54	
			<i>For &gt;1,000, Deduct</i>	-7.56	
			<i>For 304 Stainless Steel, Add</i>	60.99	
			<i>For 316 Stainless Steel, Add</i>	68.48	
			<i>For Aluminum, Add</i>	3.85	
			<i>For Galvanized Steel, Add</i>	13.27	
05 12 23 00-0561	LF		C12 x 20.7 - 12" Wide Channel.....	35.32	15.41
			<i>For &gt;100 To 250, Deduct</i>	-1.54	
			<i>For &gt;250 To 500, Deduct</i>	-2.42	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.82	
			<i>For &gt;1,000, Deduct</i>	-5.22	
			<i>For 304 Stainless Steel, Add</i>	42.09	
			<i>For 316 Stainless Steel, Add</i>	47.26	
			<i>For Aluminum, Add</i>	2.66	
			<i>For Galvanized Steel, Add</i>	9.16	
05 12 23 00-0562	LF		C12 x 25 - 12" Wide Channel.....	42.65	18.61
			<i>For &gt;100 To 250, Deduct</i>	-1.86	
			<i>For &gt;250 To 500, Deduct</i>	-2.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.61	
			<i>For &gt;1,000, Deduct</i>	-6.30	
			<i>For 304 Stainless Steel, Add</i>	50.82	
			<i>For 316 Stainless Steel, Add</i>	57.06	
			<i>For Aluminum, Add</i>	3.21	
			<i>For Galvanized Steel, Add</i>	11.05	
05 12 23 00-0563	LF		C12 x 30 - 12" Wide Channel.....	51.18	22.33
			<i>For &gt;100 To 250, Deduct</i>	-2.23	
			<i>For &gt;250 To 500, Deduct</i>	-3.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.54	
			<i>For &gt;1,000, Deduct</i>	-7.56	
			<i>For 304 Stainless Steel, Add</i>	60.99	
			<i>For 316 Stainless Steel, Add</i>	68.48	
			<i>For Aluminum, Add</i>	3.85	
			<i>For Galvanized Steel, Add</i>	13.27	
05 12 23 00-0564	LF		C15 x 33.9 - 15" Wide Channel.....	57.83	25.23
			<i>For &gt;100 To 250, Deduct</i>	-2.52	
			<i>For &gt;250 To 500, Deduct</i>	-3.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.26	
			<i>For &gt;1,000, Deduct</i>	-8.54	
			<i>For 304 Stainless Steel, Add</i>	68.91	
			<i>For 316 Stainless Steel, Add</i>	77.38	
			<i>For Aluminum, Add</i>	4.35	
			<i>For Galvanized Steel, Add</i>	14.99	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0565	LF		C15 x 40 - 15" Wide Channel .....	68.23	29.78
			For >100 To 250, Deduct	-2.98	
			For >250 To 500, Deduct	-4.68	
			For >500 To 1,000, Deduct	-7.38	
			For >1,000, Deduct	-10.08	
			For 304 Stainless Steel, Add	81.31	
			For 316 Stainless Steel, Add	91.30	
			For Aluminum, Add	5.14	
			For Galvanized Steel, Add	17.69	
05 12 23 00-0566	LF		C15 x 50 - 15" Wide Channel .....	85.30	37.22
			For >100 To 250, Deduct	-3.72	
			For >250 To 500, Deduct	-5.85	
			For >500 To 1,000, Deduct	-9.23	
			For >1,000, Deduct	-12.60	
			For 304 Stainless Steel, Add	101.66	
			For 316 Stainless Steel, Add	114.14	
			For Aluminum, Add	6.42	
			For Galvanized Steel, Add	22.12	
<b>05 12 23 00-0567</b>			<b>Miscellaneous Channels - MC</b> <small>(05 12 23 00-0421)</small>		
05 12 23 00-0568	LF		MC6 x 12 - 6" Wide Channel .....	21.31	9.57
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.49	
			For >500 To 1,000, Deduct	-2.34	
			For >1,000, Deduct	-3.19	
			For 304 Stainless Steel, Add	24.40	
			For 316 Stainless Steel, Add	27.39	
			For Aluminum, Add	1.54	
			For Galvanized Steel, Add	5.31	
05 12 23 00-0569	LF		MC6 x 15.1 - 6" Wide Channel .....	26.82	12.04
			For >100 To 250, Deduct	-1.20	
			For >250 To 500, Deduct	-1.87	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.02	
			For 304 Stainless Steel, Add	30.69	
			For 316 Stainless Steel, Add	34.46	
			For Aluminum, Add	1.94	
			For Galvanized Steel, Add	6.68	
05 12 23 00-0570	LF		MC6 x 15.3 - 6" Wide Channel .....	27.17	12.20
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-1.90	
			For >500 To 1,000, Deduct	-2.98	
			For >1,000, Deduct	-4.07	
			For 304 Stainless Steel, Add	31.09	
			For 316 Stainless Steel, Add	34.91	
			For Aluminum, Add	1.96	
			For Galvanized Steel, Add	6.76	
05 12 23 00-0571	LF		MC6 x 16.3 - 6" Wide Channel .....	28.96	12.99
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.02	
			For >500 To 1,000, Deduct	-3.18	
			For >1,000, Deduct	-4.34	
			For 304 Stainless Steel, Add	33.15	
			For 316 Stainless Steel, Add	37.22	
			For Aluminum, Add	2.09	
			For Galvanized Steel, Add	7.21	
05 12 23 00-0572	LF		MC6 x 18 - 6" Wide Channel .....	31.97	14.35
			For >100 To 250, Deduct	-1.43	
			For >250 To 500, Deduct	-2.23	
			For >500 To 1,000, Deduct	-3.51	
			For >1,000, Deduct	-4.79	
			For 304 Stainless Steel, Add	36.59	
			For 316 Stainless Steel, Add	41.09	
			For Aluminum, Add	2.31	
			For Galvanized Steel, Add	7.96	
05 12 23 00-0573	LF		MC7 x 17.6 - 7" Wide Channel .....	31.19	13.98
			For >100 To 250, Deduct	-1.40	
			For >250 To 500, Deduct	-2.18	
			For >500 To 1,000, Deduct	-3.42	
			For >1,000, Deduct	-4.67	
			For 304 Stainless Steel, Add	35.77	
			For 316 Stainless Steel, Add	40.16	
			For Aluminum, Add	2.26	
			For Galvanized Steel, Add	7.78	
05 12 23 00-0574	LF		MC7 x 19.1 - 7" Wide Channel .....	33.85	15.17
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-2.36	
			For >500 To 1,000, Deduct	-3.72	
			For >1,000, Deduct	-5.07	
			For 304 Stainless Steel, Add	38.82	
			For 316 Stainless Steel, Add	43.58	
			For Aluminum, Add	2.45	
			For Galvanized Steel, Add	8.44	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0575	LF MC7 x 22.7 - 7" Wide Channel.....	40.23	18.02
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.81	
	<i>For &gt;500 To 1,000, Deduct</i>	-4.42	
	<i>For &gt;1,000, Deduct</i>	-6.02	
	<i>For 304 Stainless Steel, Add</i>	46.14	
	<i>For 316 Stainless Steel, Add</i>	51.81	
	<i>For Aluminum, Add</i>	2.91	
	<i>For Galvanized Steel, Add</i>	10.04	
05 12 23 00-0576	LF MC8 x 8.5 - 8" Wide Channel.....	14.50	6.33
	<i>For &gt;100 To 250, Deduct</i>	-0.63	
	<i>For &gt;250 To 500, Deduct</i>	-1.00	
	<i>For &gt;500 To 1,000, Deduct</i>	-1.57	
	<i>For &gt;1,000, Deduct</i>	-2.14	
	<i>For 304 Stainless Steel, Add</i>	17.27	
	<i>For 316 Stainless Steel, Add</i>	19.39	
	<i>For Aluminum, Add</i>	1.09	
	<i>For Galvanized Steel, Add</i>	3.76	
05 12 23 00-0577	LF MC8 x 18.7 - 8" Wide Channel.....	31.90	13.92
	<i>For &gt;100 To 250, Deduct</i>	-1.39	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500 To 1,000, Deduct</i>	-3.45	
	<i>For &gt;1,000, Deduct</i>	-4.71	
	<i>For 304 Stainless Steel, Add</i>	38.02	
	<i>For 316 Stainless Steel, Add</i>	42.69	
	<i>For Aluminum, Add</i>	2.40	
	<i>For Galvanized Steel, Add</i>	8.27	
05 12 23 00-0578	LF MC8 x 20 - 8" Wide Channel.....	34.13	14.89
	<i>For &gt;100 To 250, Deduct</i>	-1.49	
	<i>For &gt;250 To 500, Deduct</i>	-2.34	
	<i>For &gt;500 To 1,000, Deduct</i>	-3.69	
	<i>For &gt;1,000, Deduct</i>	-5.04	
	<i>For 304 Stainless Steel, Add</i>	40.67	
	<i>For 316 Stainless Steel, Add</i>	45.66	
	<i>For Aluminum, Add</i>	2.57	
	<i>For Galvanized Steel, Add</i>	8.85	
05 12 23 00-0579	LF MC8 x 21.4 - 8" Wide Channel.....	36.51	15.93
	<i>For &gt;100 To 250, Deduct</i>	-1.59	
	<i>For &gt;250 To 500, Deduct</i>	-2.51	
	<i>For &gt;500 To 1,000, Deduct</i>	-3.95	
	<i>For &gt;1,000, Deduct</i>	-5.39	
	<i>For 304 Stainless Steel, Add</i>	43.52	
	<i>For 316 Stainless Steel, Add</i>	48.86	
	<i>For Aluminum, Add</i>	2.75	
	<i>For Galvanized Steel, Add</i>	9.47	
05 12 23 00-0580	LF MC8 x 22.8 - 8" Wide Channel.....	38.89	16.98
	<i>For &gt;100 To 250, Deduct</i>	-1.70	
	<i>For &gt;250 To 500, Deduct</i>	-2.67	
	<i>For &gt;500 To 1,000, Deduct</i>	-4.21	
	<i>For &gt;1,000, Deduct</i>	-5.75	
	<i>For 304 Stainless Steel, Add</i>	46.34	
	<i>For 316 Stainless Steel, Add</i>	52.03	
	<i>For Aluminum, Add</i>	2.93	
	<i>For Galvanized Steel, Add</i>	10.08	
05 12 23 00-0581	LF MC9 x 23.9 - 9" Wide Channel.....	40.77	17.79
	<i>For &gt;100 To 250, Deduct</i>	-1.78	
	<i>For &gt;250 To 500, Deduct</i>	-2.80	
	<i>For &gt;500 To 1,000, Deduct</i>	-4.41	
	<i>For &gt;1,000, Deduct</i>	-6.02	
	<i>For 304 Stainless Steel, Add</i>	48.59	
	<i>For 316 Stainless Steel, Add</i>	54.56	
	<i>For Aluminum, Add</i>	3.07	
	<i>For Galvanized Steel, Add</i>	10.57	
05 12 23 00-0582	LF MC9 x 25.4 - 9" Wide Channel.....	43.33	18.91
	<i>For &gt;100 To 250, Deduct</i>	-1.89	
	<i>For &gt;250 To 500, Deduct</i>	-2.97	
	<i>For &gt;500 To 1,000, Deduct</i>	-4.69	
	<i>For &gt;1,000, Deduct</i>	-6.40	
	<i>For 304 Stainless Steel, Add</i>	51.64	
	<i>For 316 Stainless Steel, Add</i>	57.98	
	<i>For Aluminum, Add</i>	3.26	
	<i>For Galvanized Steel, Add</i>	11.23	
05 12 23 00-0583	LF MC10 x 6.5 - 10" Wide Channel.....	11.09	4.84
	<i>For &gt;100 To 250, Deduct</i>	-0.48	
	<i>For &gt;250 To 500, Deduct</i>	-0.76	
	<i>For &gt;500 To 1,000, Deduct</i>	-1.20	
	<i>For &gt;1,000, Deduct</i>	-1.64	
	<i>For 304 Stainless Steel, Add</i>	13.22	
	<i>For 316 Stainless Steel, Add</i>	14.85	
	<i>For Aluminum, Add</i>	0.84	
	<i>For Galvanized Steel, Add</i>	2.88	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0584	LF		MC10 x 8.4 - 10" Wide Channel.....	14.33	6.25
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-0.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.55	
			<i>For &gt;1,000, Deduct</i>	-2.12	
			<i>For 304 Stainless Steel, Add</i>	17.07	
			<i>For 316 Stainless Steel, Add</i>	19.17	
			<i>For Aluminum, Add</i>	1.08	
			<i>For Galvanized Steel, Add</i>	3.71	
05 12 23 00-0585	LF		MC10 x 21.9 - 10" Wide Channel.....	37.35	16.31
			<i>For &gt;100 To 250, Deduct</i>	-1.63	
			<i>For &gt;250 To 500, Deduct</i>	-2.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.04	
			<i>For &gt;1,000, Deduct</i>	-5.52	
			<i>For 304 Stainless Steel, Add</i>	44.52	
			<i>For 316 Stainless Steel, Add</i>	49.98	
			<i>For Aluminum, Add</i>	2.81	
			<i>For Galvanized Steel, Add</i>	9.68	
05 12 23 00-0586	LF		MC10 x 24.9 - 10" Wide Channel.....	42.48	18.54
			<i>For &gt;100 To 250, Deduct</i>	-1.85	
			<i>For &gt;250 To 500, Deduct</i>	-2.92	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.60	
			<i>For &gt;1,000, Deduct</i>	-6.28	
			<i>For 304 Stainless Steel, Add</i>	50.62	
			<i>For 316 Stainless Steel, Add</i>	56.83	
			<i>For Aluminum, Add</i>	3.20	
			<i>For Galvanized Steel, Add</i>	11.01	
05 12 23 00-0587	LF		MC10 x 25.3 - 10" Wide Channel.....	43.16	18.84
			<i>For &gt;100 To 250, Deduct</i>	-1.88	
			<i>For &gt;250 To 500, Deduct</i>	-2.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.67	
			<i>For &gt;1,000, Deduct</i>	-6.38	
			<i>For 304 Stainless Steel, Add</i>	51.44	
			<i>For 316 Stainless Steel, Add</i>	57.76	
			<i>For Aluminum, Add</i>	3.25	
			<i>For Galvanized Steel, Add</i>	11.19	
05 12 23 00-0588	LF		MC10 x 28.3 - 10" Wide Channel.....	48.29	21.07
			<i>For &gt;100 To 250, Deduct</i>	-2.11	
			<i>For &gt;250 To 500, Deduct</i>	-3.31	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.22	
			<i>For &gt;1,000, Deduct</i>	-7.13	
			<i>For 304 Stainless Steel, Add</i>	57.54	
			<i>For 316 Stainless Steel, Add</i>	64.61	
			<i>For Aluminum, Add</i>	3.63	
			<i>For Galvanized Steel, Add</i>	12.52	
05 12 23 00-0589	LF		MC10 x 28.5 - 10" Wide Channel.....	48.62	21.22
			<i>For &gt;100 To 250, Deduct</i>	-2.12	
			<i>For &gt;250 To 500, Deduct</i>	-3.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.26	
			<i>For &gt;1,000, Deduct</i>	-7.18	
			<i>For 304 Stainless Steel, Add</i>	57.94	
			<i>For 316 Stainless Steel, Add</i>	65.06	
			<i>For Aluminum, Add</i>	3.66	
			<i>For Galvanized Steel, Add</i>	12.60	
05 12 23 00-0590	LF		MC10 x 33.6 - 10" Wide Channel.....	57.32	25.02
			<i>For &gt;100 To 250, Deduct</i>	-2.50	
			<i>For &gt;250 To 500, Deduct</i>	-3.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.20	
			<i>For &gt;1,000, Deduct</i>	-8.47	
			<i>For 304 Stainless Steel, Add</i>	68.31	
			<i>For 316 Stainless Steel, Add</i>	76.70	
			<i>For Aluminum, Add</i>	4.31	
			<i>For Galvanized Steel, Add</i>	14.86	
05 12 23 00-0591	LF		MC10 x 41.1 - 10" Wide Channel.....	70.12	30.60
			<i>For &gt;100 To 250, Deduct</i>	-3.06	
			<i>For &gt;250 To 500, Deduct</i>	-4.81	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.59	
			<i>For &gt;1,000, Deduct</i>	-10.36	
			<i>For 304 Stainless Steel, Add</i>	83.56	
			<i>For 316 Stainless Steel, Add</i>	93.82	
			<i>For Aluminum, Add</i>	5.28	
			<i>For Galvanized Steel, Add</i>	18.18	
05 12 23 00-0592	LF		MC12 x 30.9 - 12" Wide Channel.....	52.72	23.00
			<i>For &gt;100 To 250, Deduct</i>	-2.30	
			<i>For &gt;250 To 500, Deduct</i>	-3.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.70	
			<i>For &gt;1,000, Deduct</i>	-7.79	
			<i>For 304 Stainless Steel, Add</i>	62.81	
			<i>For 316 Stainless Steel, Add</i>	70.53	
			<i>For Aluminum, Add</i>	3.97	
			<i>For Galvanized Steel, Add</i>	13.66	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0593	LF MC12 x 32.9 - 12" Wide Channel.....	56.13	24.49
	For >100 To 250, Deduct	-2.45	
	For >250 To 500, Deduct	-3.85	
	For >500 To 1,000, Deduct	-6.07	
	For >1,000, Deduct	-8.29	
	For 304 Stainless Steel, Add	66.89	
	For 316 Stainless Steel, Add	75.10	
	For Aluminum, Add	4.22	
	For Galvanized Steel, Add	14.55	
05 12 23 00-0594	LF MC12 x 35 - 12" Wide Channel.....	59.71	26.05
	For >100 To 250, Deduct	-2.61	
	For >250 To 500, Deduct	-4.10	
	For >500 To 1,000, Deduct	-6.46	
	For >1,000, Deduct	-8.82	
	For 304 Stainless Steel, Add	71.16	
	For 316 Stainless Steel, Add	79.90	
	For Aluminum, Add	4.49	
	For Galvanized Steel, Add	15.48	
05 12 23 00-0595	LF MC12 x 37 - 12" Wide Channel.....	63.12	27.55
	For >100 To 250, Deduct	-2.75	
	For >250 To 500, Deduct	-4.33	
	For >500 To 1,000, Deduct	-6.83	
	For >1,000, Deduct	-9.33	
	For 304 Stainless Steel, Add	75.21	
	For 316 Stainless Steel, Add	84.45	
	For Aluminum, Add	4.75	
	For Galvanized Steel, Add	16.36	
05 12 23 00-0596	LF MC12 x 40 - 12" Wide Channel.....	68.23	29.78
	For >100 To 250, Deduct	-2.98	
	For >250 To 500, Deduct	-4.68	
	For >500 To 1,000, Deduct	-7.38	
	For >1,000, Deduct	-10.08	
	For 304 Stainless Steel, Add	81.31	
	For 316 Stainless Steel, Add	91.30	
	For Aluminum, Add	5.14	
	For Galvanized Steel, Add	17.69	
05 12 23 00-0597	LF MC12 x 45 - 12" Wide Channel.....	76.77	33.51
	For >100 To 250, Deduct	-3.35	
	For >250 To 500, Deduct	-5.27	
	For >500 To 1,000, Deduct	-8.31	
	For >1,000, Deduct	-11.34	
	For 304 Stainless Steel, Add	91.49	
	For 316 Stainless Steel, Add	102.72	
	For Aluminum, Add	5.78	
	For Galvanized Steel, Add	19.90	
05 12 23 00-0598	LF MC12 x 50 - 12" Wide Channel.....	85.30	37.23
	For >100 To 250, Deduct	-3.72	
	For >250 To 500, Deduct	-5.85	
	For >500 To 1,000, Deduct	-9.23	
	For >1,000, Deduct	-12.60	
	For 304 Stainless Steel, Add	101.66	
	For 316 Stainless Steel, Add	114.14	
	For Aluminum, Add	6.42	
	For Galvanized Steel, Add	22.12	
05 12 23 00-0599	LF MC13 x 31.8 - 13" Wide Channel.....	54.24	23.67
	For >100 To 250, Deduct	-2.37	
	For >250 To 500, Deduct	-3.72	
	For >500 To 1,000, Deduct	-5.87	
	For >1,000, Deduct	-8.01	
	For 304 Stainless Steel, Add	64.64	
	For 316 Stainless Steel, Add	72.58	
	For Aluminum, Add	4.08	
	For Galvanized Steel, Add	14.06	
05 12 23 00-0600	LF MC13 x 35 - 13" Wide Channel.....	59.71	26.05
	For >100 To 250, Deduct	-2.61	
	For >250 To 500, Deduct	-4.10	
	For >500 To 1,000, Deduct	-6.46	
	For >1,000, Deduct	-8.82	
	For 304 Stainless Steel, Add	71.16	
	For 316 Stainless Steel, Add	79.90	
	For Aluminum, Add	4.49	
	For Galvanized Steel, Add	15.48	
05 12 23 00-0601	LF MC13 x 40 - 13" Wide Channel.....	68.23	29.78
	For >100 To 250, Deduct	-2.98	
	For >250 To 500, Deduct	-4.68	
	For >500 To 1,000, Deduct	-7.38	
	For >1,000, Deduct	-10.08	
	For 304 Stainless Steel, Add	81.31	
	For 316 Stainless Steel, Add	91.30	
	For Aluminum, Add	5.14	
	For Galvanized Steel, Add	17.69	





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0602	LF		MC13 x 50 - 13" Wide Channel .....	85.30	37.23
			<i>For &gt;100 To 250, Deduct</i>	-3.72	
			<i>For &gt;250 To 500, Deduct</i>	-5.85	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.23	
			<i>For &gt;1,000, Deduct</i>	-12.60	
			<i>For 304 Stainless Steel, Add</i>	101.66	
			<i>For 316 Stainless Steel, Add</i>	114.14	
			<i>For Aluminum, Add</i>	6.42	
			<i>For Galvanized Steel, Add</i>	22.12	
05 12 23 00-0603	LF		MC18 x 42.7 - 18" Wide Channel.....	72.85	31.79
			<i>For &gt;100 To 250, Deduct</i>	-3.18	
			<i>For &gt;250 To 500, Deduct</i>	-5.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.88	
			<i>For &gt;1,000, Deduct</i>	-10.76	
			<i>For 304 Stainless Steel, Add</i>	86.81	
			<i>For 316 Stainless Steel, Add</i>	97.47	
			<i>For Aluminum, Add</i>	5.48	
			<i>For Galvanized Steel, Add</i>	18.89	
05 12 23 00-0604	LF		MC18 x 45.8 - 18" Wide Channel.....	78.13	34.10
			<i>For &gt;100 To 250, Deduct</i>	-3.41	
			<i>For &gt;250 To 500, Deduct</i>	-5.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.45	
			<i>For &gt;1,000, Deduct</i>	-11.54	
			<i>For 304 Stainless Steel, Add</i>	93.11	
			<i>For 316 Stainless Steel, Add</i>	104.54	
			<i>For Aluminum, Add</i>	5.88	
			<i>For Galvanized Steel, Add</i>	20.26	
05 12 23 00-0605	LF		MC18 x 51.9 - 18" Wide Channel.....	88.54	38.64
			<i>For &gt;100 To 250, Deduct</i>	-3.86	
			<i>For &gt;250 To 500, Deduct</i>	-6.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.58	
			<i>For &gt;1,000, Deduct</i>	-13.08	
			<i>For 304 Stainless Steel, Add</i>	105.51	
			<i>For 316 Stainless Steel, Add</i>	118.46	
			<i>For Aluminum, Add</i>	6.66	
			<i>For Galvanized Steel, Add</i>	22.95	
05 12 23 00-0606	LF		MC18 x 58 - 18" Wide Channel .....	98.94	43.18
			<i>For &gt;100 To 250, Deduct</i>	-4.32	
			<i>For &gt;250 To 500, Deduct</i>	-6.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-10.70	
			<i>For &gt;1,000, Deduct</i>	-14.62	
			<i>For 304 Stainless Steel, Add</i>	117.90	
			<i>For 316 Stainless Steel, Add</i>	132.38	
			<i>For Aluminum, Add</i>	7.45	
			<i>For Galvanized Steel, Add</i>	25.65	
<b>05 12 23 00-0607</b>			<b>Structural Bar Tees</b> <small>(05 12 23 00-0421)</small>		
05 12 23 00-0608	LF		3/4" x 3/4" x 1/8" Structural Bar Tee .....	3.22	1.98
			<i>For &gt;100 To 250, Deduct</i>	-0.20	
			<i>For &gt;250 To 500, Deduct</i>	-0.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.43	
			<i>For &gt;1,000, Deduct</i>	-0.57	
			<i>For 304 Stainless Steel, Add</i>	1.65	
			<i>For 316 Stainless Steel, Add</i>	1.86	
			<i>For Aluminum, Add</i>	0.10	
			<i>For Galvanized Steel, Add</i>	0.36	
05 12 23 00-0609	LF		1" x 1" x 1/8" Structural Bar Tee .....	3.90	2.34
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.33	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.51	
			<i>For &gt;1,000, Deduct</i>	-0.68	
			<i>For 304 Stainless Steel, Add</i>	2.25	
			<i>For 316 Stainless Steel, Add</i>	2.53	
			<i>For Aluminum, Add</i>	0.14	
			<i>For Galvanized Steel, Add</i>	0.49	
05 12 23 00-0610	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee .....	5.86	2.70
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.42	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.65	
			<i>For &gt;1,000, Deduct</i>	-0.89	
			<i>For 304 Stainless Steel, Add</i>	6.44	
			<i>For 316 Stainless Steel, Add</i>	7.23	
			<i>For Aluminum, Add</i>	0.41	
			<i>For Galvanized Steel, Add</i>	1.40	
05 12 23 00-0611	LF		2" x 2" x 1/4" Structural Bar Tee .....	8.08	3.53
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.88	
			<i>For &gt;1,000, Deduct</i>	-1.19	
			<i>For 304 Stainless Steel, Add</i>	9.60	
			<i>For 316 Stainless Steel, Add</i>	10.78	
			<i>For Aluminum, Add</i>	0.61	
			<i>For Galvanized Steel, Add</i>	2.09	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0612	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee .....	11.73	4.25
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.15	
			<i>For &gt;1,000, Deduct</i>	-1.59	
			<i>For 304 Stainless Steel, Add</i>	17.24	
			<i>For 316 Stainless Steel, Add</i>	19.36	
			<i>For Aluminum, Add</i>	1.09	
			<i>For Galvanized Steel, Add</i>	3.75	
05 12 23 00-0613	LF		3" x 3" x 3/8" Structural Bar Tee .....	14.53	5.44
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.45	
			<i>For &gt;1,000, Deduct</i>	-2.00	
			<i>For 304 Stainless Steel, Add</i>	20.69	
			<i>For 316 Stainless Steel, Add</i>	23.23	
			<i>For Aluminum, Add</i>	1.31	
			<i>For Galvanized Steel, Add</i>	4.50	
<b>05 12 23 00-0614</b>			<b>Structural Zees</b> <small>(05 12 23 00-0421)</small>		
05 12 23 00-0615	LF		1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	6.97	2.70
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.71	
			<i>For &gt;1,000, Deduct</i>	-0.97	
			<i>For 304 Stainless Steel, Add</i>	9.60	
			<i>For 316 Stainless Steel, Add</i>	10.78	
			<i>For Aluminum, Add</i>	0.61	
			<i>For Galvanized Steel, Add</i>	2.09	
05 12 23 00-0616	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	12.35	3.22
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.05	
			<i>For &gt;1,000, Deduct</i>	-1.46	
			<i>For 304 Stainless Steel, Add</i>	23.00	
			<i>For 316 Stainless Steel, Add</i>	25.82	
			<i>For Aluminum, Add</i>	1.45	
			<i>For Galvanized Steel, Add</i>	5.00	
05 12 23 00-0617	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	14.72	3.63
			<i>For &gt;100 To 250, Deduct</i>	-0.36	
			<i>For &gt;250 To 500, Deduct</i>	-0.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.22	
			<i>For &gt;1,000, Deduct</i>	-1.71	
			<i>For 304 Stainless Steel, Add</i>	28.16	
			<i>For 316 Stainless Steel, Add</i>	31.62	
			<i>For Aluminum, Add</i>	1.78	
			<i>For Galvanized Steel, Add</i>	6.13	
05 12 23 00-0618	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	19.50	4.15
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.90	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.53	
			<i>For &gt;1,000, Deduct</i>	-2.15	
			<i>For 304 Stainless Steel, Add</i>	39.81	
			<i>For 316 Stainless Steel, Add</i>	44.70	
			<i>For Aluminum, Add</i>	2.51	
			<i>For Galvanized Steel, Add</i>	8.66	
05 12 23 00-0619	LF		3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	24.93	4.52
			<i>For &gt;100 To 250, Deduct</i>	-0.45	
			<i>For &gt;250 To 500, Deduct</i>	-1.07	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.85	
			<i>For &gt;1,000, Deduct</i>	-2.62	
			<i>For 304 Stainless Steel, Add</i>	53.89	
			<i>For 316 Stainless Steel, Add</i>	60.51	
			<i>For Aluminum, Add</i>	3.40	
			<i>For Galvanized Steel, Add</i>	11.72	
<b>05 12 23 00-0620</b>			<b>Junior I-Beams</b> <small>(05 12 23 00-0421)</small>		
05 12 23 00-0621	LF		3" Junior I-Beam, 2.9 LB/LF.....	9.64	3.89
			<i>For &gt;100 To 250, Deduct</i>	-0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.00	
			<i>For &gt;1,000, Deduct</i>	-1.37	
			<i>For 304 Stainless Steel, Add</i>	12.68	
			<i>For 316 Stainless Steel, Add</i>	14.24	
			<i>For Aluminum, Add</i>	0.80	
			<i>For Galvanized Steel, Add</i>	2.76	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0622	LF		4" Junior I-Beam, 3.2 LB/LF.....	10.59	4.25
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.10	
			<i>For &gt;1,000, Deduct</i>	-1.50	
			<i>For 304 Stainless Steel, Add</i>	13.99	
			<i>For 316 Stainless Steel, Add</i>	15.71	
			<i>For Aluminum, Add</i>	0.88	
			<i>For Galvanized Steel, Add</i>	3.04	
05 12 23 00-0623	LF		5" Junior I-Beam, 3.8 LB/LF.....	12.05	4.67
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.23	
			<i>For &gt;1,000, Deduct</i>	-1.68	
			<i>For 304 Stainless Steel, Add</i>	16.59	
			<i>For 316 Stainless Steel, Add</i>	18.62	
			<i>For Aluminum, Add</i>	1.05	
			<i>For Galvanized Steel, Add</i>	3.61	
05 12 23 00-0624	LF		6" Junior I-Beam, 4.4 LB/LF.....	13.52	5.08
			<i>For &gt;100 To 250, Deduct</i>	-0.51	
			<i>For &gt;250 To 500, Deduct</i>	-0.85	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.35	
			<i>For &gt;1,000, Deduct</i>	-1.86	
			<i>For 304 Stainless Steel, Add</i>	19.21	
			<i>For 316 Stainless Steel, Add</i>	21.57	
			<i>For Aluminum, Add</i>	1.21	
			<i>For Galvanized Steel, Add</i>	4.18	
05 12 23 00-0625	LF		7" Junior I-Beam, 5.5 LB/LF.....	15.69	5.44
			<i>For &gt;100 To 250, Deduct</i>	-0.54	
			<i>For &gt;250 To 500, Deduct</i>	-0.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.51	
			<i>For &gt;1,000, Deduct</i>	-2.08	
			<i>For 304 Stainless Steel, Add</i>	24.03	
			<i>For 316 Stainless Steel, Add</i>	26.98	
			<i>For Aluminum, Add</i>	1.52	
			<i>For Galvanized Steel, Add</i>	5.23	
05 12 23 00-0626	LF		8" Junior I-Beam, 6.5 LB/LF.....	17.70	5.81
			<i>For &gt;100 To 250, Deduct</i>	-0.58	
			<i>For &gt;250 To 500, Deduct</i>	-1.02	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.66	
			<i>For &gt;1,000, Deduct</i>	-2.30	
			<i>For 304 Stainless Steel, Add</i>	28.39	
			<i>For 316 Stainless Steel, Add</i>	31.87	
			<i>For Aluminum, Add</i>	1.79	
			<i>For Galvanized Steel, Add</i>	6.18	
05 12 23 00-0627	LF		10" Junior I-Beam, 9 LB/LF.....	22.65	6.64
			<i>For &gt;100 To 250, Deduct</i>	-0.66	
			<i>For &gt;250 To 500, Deduct</i>	-1.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.02	
			<i>For &gt;1,000, Deduct</i>	-2.81	
			<i>For 304 Stainless Steel, Add</i>	39.33	
			<i>For 316 Stainless Steel, Add</i>	44.16	
			<i>For Aluminum, Add</i>	2.48	
			<i>For Galvanized Steel, Add</i>	8.56	
05 12 23 00-0628	LF		12" Junior I-Beam, 11.8 LB/LF.....	28.60	7.88
			<i>For &gt;100 To 250, Deduct</i>	-0.79	
			<i>For &gt;250 To 500, Deduct</i>	-1.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.48	
			<i>For &gt;1,000, Deduct</i>	-3.46	
			<i>For 304 Stainless Steel, Add</i>	51.56	
			<i>For 316 Stainless Steel, Add</i>	57.89	
			<i>For Aluminum, Add</i>	3.26	
			<i>For Galvanized Steel, Add</i>	11.22	
05 12 23 00-0629			<b>Round Stock</b> (05 12 23 00-0421)		
05 12 23 00-0630	LF		1/4" Carbon Steel Rounds, ASTM A108.....	1.37	
			<i>For 304 Stainless Steel, Add</i>	1.91	
			<i>For 316 Stainless Steel, Add</i>	2.14	
			<i>For Aluminum, Add</i>	0.12	
			<i>For Galvanized Steel, Add</i>	0.42	
05 12 23 00-0631	LF		3/8" Carbon Steel Rounds, ASTM A108.....	2.11	
			<i>For 304 Stainless Steel, Add</i>	3.76	
			<i>For 316 Stainless Steel, Add</i>	4.22	
			<i>For Aluminum, Add</i>	0.24	
			<i>For Galvanized Steel, Add</i>	0.82	
05 12 23 00-0632	LF		1/2" Carbon Steel Rounds, ASTM A108.....	2.88	
			<i>For 304 Stainless Steel, Add</i>	5.73	
			<i>For 316 Stainless Steel, Add</i>	6.43	
			<i>For Aluminum, Add</i>	0.36	
			<i>For Galvanized Steel, Add</i>	1.25	
05 12 23 00-0633	LF		5/8" Carbon Steel Rounds, ASTM A108.....	4.32	
			<i>For 304 Stainless Steel, Add</i>	9.58	
			<i>For 316 Stainless Steel, Add</i>	10.75	
			<i>For Aluminum, Add</i>	0.60	
			<i>For Galvanized Steel, Add</i>	2.08	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0634	LF		3/4" Carbon Steel Rounds, ASTM A108 .....	5.14	
			<i>For 304 Stainless Steel, Add</i>	11.37	
			<i>For 316 Stainless Steel, Add</i>	12.77	
			<i>For Aluminum, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.47	
05 12 23 00-0635	LF		7/8" Carbon Steel Rounds, ASTM A108 .....	5.99	
			<i>For 304 Stainless Steel, Add</i>	13.28	
			<i>For 316 Stainless Steel, Add</i>	14.91	
			<i>For Aluminum, Add</i>	0.84	
			<i>For Galvanized Steel, Add</i>	2.89	
05 12 23 00-0636	LF		1" Carbon Steel Rounds, ASTM A108 .....	8.67	
			<i>For 304 Stainless Steel, Add</i>	20.24	
			<i>For 316 Stainless Steel, Add</i>	22.72	
			<i>For Aluminum, Add</i>	1.28	
			<i>For Galvanized Steel, Add</i>	4.40	
05 12 23 00-0637	LF		1-1/8" Carbon Steel Rounds, ASTM A108 .....	10.56	
			<i>For 304 Stainless Steel, Add</i>	24.60	
			<i>For 316 Stainless Steel, Add</i>	27.62	
			<i>For Aluminum, Add</i>	1.55	
			<i>For Galvanized Steel, Add</i>	5.35	
05 12 23 00-0638	LF		1-1/4" Carbon Steel Rounds, ASTM A108 .....	12.62	
			<i>For 304 Stainless Steel, Add</i>	28.93	
			<i>For 316 Stainless Steel, Add</i>	32.48	
			<i>For Aluminum, Add</i>	1.83	
			<i>For Galvanized Steel, Add</i>	6.29	
05 12 23 00-0639	LF		1-3/8" Carbon Steel Rounds, ASTM A108 .....	15.27	
			<i>For 304 Stainless Steel, Add</i>	35.31	
			<i>For 316 Stainless Steel, Add</i>	39.65	
			<i>For Aluminum, Add</i>	2.23	
			<i>For Galvanized Steel, Add</i>	7.68	
05 12 23 00-0640	LF		1-1/2" Carbon Steel Rounds, ASTM A108 .....	17.05	
			<i>For 304 Stainless Steel, Add</i>	38.73	
			<i>For 316 Stainless Steel, Add</i>	43.49	
			<i>For Aluminum, Add</i>	2.45	
			<i>For Galvanized Steel, Add</i>	8.43	
05 12 23 00-0641	LF		1-5/8" Carbon Steel Rounds, ASTM A108 .....	19.72	
			<i>For 304 Stainless Steel, Add</i>	43.89	
			<i>For 316 Stainless Steel, Add</i>	49.28	
			<i>For Aluminum, Add</i>	2.77	
			<i>For Galvanized Steel, Add</i>	9.55	
05 12 23 00-0642	LF		1-3/4" Carbon Steel Rounds, ASTM A108 .....	23.69	
			<i>For 304 Stainless Steel, Add</i>	51.07	
			<i>For 316 Stainless Steel, Add</i>	57.34	
			<i>For Aluminum, Add</i>	3.23	
			<i>For Galvanized Steel, Add</i>	11.11	
05 12 23 00-0643	LF		1-7/8" Carbon Steel Rounds, ASTM A108 .....	28.60	
			<i>For 304 Stainless Steel, Add</i>	59.82	
			<i>For 316 Stainless Steel, Add</i>	67.17	
			<i>For Aluminum, Add</i>	3.78	
			<i>For Galvanized Steel, Add</i>	13.01	
05 12 23 00-0644	LF		2" Carbon Steel Rounds, ASTM A108 .....	32.68	
			<i>For 304 Stainless Steel, Add</i>	66.55	
			<i>For 316 Stainless Steel, Add</i>	74.72	
			<i>For Aluminum, Add</i>	4.20	
			<i>For Galvanized Steel, Add</i>	14.48	
05 12 23 00-0645	LF		2-1/8" Carbon Steel Rounds, ASTM A108 .....	38.26	
			<i>For 304 Stainless Steel, Add</i>	76.01	
			<i>For 316 Stainless Steel, Add</i>	85.34	
			<i>For Aluminum, Add</i>	4.80	
			<i>For Galvanized Steel, Add</i>	16.54	
05 12 23 00-0646	LF		2-1/4" Carbon Steel Rounds, ASTM A108 .....	43.32	
			<i>For 304 Stainless Steel, Add</i>	85.47	
			<i>For 316 Stainless Steel, Add</i>	95.97	
			<i>For Aluminum, Add</i>	5.40	
			<i>For Galvanized Steel, Add</i>	18.59	
05 12 23 00-0647	LF		2-3/8" Carbon Steel Rounds, ASTM A108 .....	49.64	
			<i>For 304 Stainless Steel, Add</i>	97.76	
			<i>For 316 Stainless Steel, Add</i>	109.76	
			<i>For Aluminum, Add</i>	6.17	
			<i>For Galvanized Steel, Add</i>	21.27	
05 12 23 00-0648	LF		2-1/2" Carbon Steel Rounds, ASTM A108 .....	54.96	
			<i>For 304 Stainless Steel, Add</i>	105.34	
			<i>For 316 Stainless Steel, Add</i>	118.27	
			<i>For Aluminum, Add</i>	6.65	
			<i>For Galvanized Steel, Add</i>	22.92	
05 12 23 00-0649	LF		2-5/8" Carbon Steel Rounds, ASTM A108 .....	66.95	
			<i>For 304 Stainless Steel, Add</i>	133.81	
			<i>For 316 Stainless Steel, Add</i>	150.24	
			<i>For Aluminum, Add</i>	8.45	
			<i>For Galvanized Steel, Add</i>	29.11	
05 12 23 00-0650	LF		2-3/4" Carbon Steel Rounds, ASTM A108 .....	76.22	
			<i>For 304 Stainless Steel, Add</i>	152.59	
			<i>For 316 Stainless Steel, Add</i>	171.33	
			<i>For Aluminum, Add</i>	9.64	
			<i>For Galvanized Steel, Add</i>	33.19	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0651	LF		2-7/8 Carbon Steel Rounds, ASTM A108 .....	85.02	
			<i>For 304 Stainless Steel, Add</i>	170.06	
			<i>For 316 Stainless Steel, Add</i>	190.94	
			<i>For Aluminum, Add</i>	10.74	
			<i>For Galvanized Steel, Add</i>	37.00	
05 12 23 00-0652	LF		3" Carbon Steel Rounds, ASTM A108 .....	89.46	
			<i>For 304 Stainless Steel, Add</i>	175.16	
			<i>For 316 Stainless Steel, Add</i>	196.67	
			<i>For Aluminum, Add</i>	11.06	
			<i>For Galvanized Steel, Add</i>	38.11	
05 12 23 00-0653	LF		3-1/8" Carbon Steel Rounds, ASTM A108 .....	93.49	
			<i>For 304 Stainless Steel, Add</i>	179.04	
			<i>For 316 Stainless Steel, Add</i>	201.02	
			<i>For Aluminum, Add</i>	11.31	
			<i>For Galvanized Steel, Add</i>	38.95	
05 12 23 00-0654	LF		3-1/4" Carbon Steel Rounds, ASTM A108 .....	98.72	
			<i>For 304 Stainless Steel, Add</i>	186.33	
			<i>For 316 Stainless Steel, Add</i>	209.22	
			<i>For Aluminum, Add</i>	11.77	
			<i>For Galvanized Steel, Add</i>	40.54	
05 12 23 00-0655	LF		3-1/2" Carbon Steel Rounds, ASTM A108 .....	119.63	
			<i>For 304 Stainless Steel, Add</i>	236.44	
			<i>For 316 Stainless Steel, Add</i>	265.47	
			<i>For Aluminum, Add</i>	14.93	
			<i>For Galvanized Steel, Add</i>	51.44	
05 12 23 00-0656	LF		3-5/8" Carbon Steel Rounds, ASTM A108 .....	132.81	
			<i>For 304 Stainless Steel, Add</i>	264.48	
			<i>For 316 Stainless Steel, Add</i>	296.96	
			<i>For Aluminum, Add</i>	16.70	
			<i>For Galvanized Steel, Add</i>	57.54	
05 12 23 00-0657	LF		3-3/4" Carbon Steel Rounds, ASTM A108 .....	142.62	
			<i>For 304 Stainless Steel, Add</i>	282.92	
			<i>For 316 Stainless Steel, Add</i>	317.66	
			<i>For Aluminum, Add</i>	17.87	
			<i>For Galvanized Steel, Add</i>	61.55	
05 12 23 00-0658	LF		4" Carbon Steel Rounds, ASTM A108 .....	159.71	
			<i>For 304 Stainless Steel, Add</i>	322.14	
			<i>For 316 Stainless Steel, Add</i>	361.70	
			<i>For Aluminum, Add</i>	20.35	
			<i>For Galvanized Steel, Add</i>	70.08	
<b>05 12 23 00-0659</b>			<b>Square Stock (05 12 23 00-0421)</b>		
05 12 23 00-0660	LF		3/8" Square Bar Stock .....	1.13	
			<i>For 304 Stainless Steel, Add</i>	0.97	
			<i>For 316 Stainless Steel, Add</i>	1.09	
			<i>For Aluminum, Add</i>	0.06	
			<i>For Galvanized Steel, Add</i>	0.21	
05 12 23 00-0661	LF		1/2" Square Bar Stock .....	1.47	
			<i>For 304 Stainless Steel, Add</i>	1.71	
			<i>For 316 Stainless Steel, Add</i>	1.92	
			<i>For Aluminum, Add</i>	0.11	
			<i>For Galvanized Steel, Add</i>	0.37	
05 12 23 00-0662	LF		5/8" Square Bar Stock .....	1.90	
			<i>For 304 Stainless Steel, Add</i>	2.68	
			<i>For 316 Stainless Steel, Add</i>	3.01	
			<i>For Aluminum, Add</i>	0.17	
			<i>For Galvanized Steel, Add</i>	0.58	
05 12 23 00-0663	LF		3/4" Square Bar Stock .....	2.51	
			<i>For 304 Stainless Steel, Add</i>	3.88	
			<i>For 316 Stainless Steel, Add</i>	4.35	
			<i>For Aluminum, Add</i>	0.24	
			<i>For Galvanized Steel, Add</i>	0.84	
05 12 23 00-0664	LF		7/8" Square Bar Stock .....	3.22	
			<i>For 304 Stainless Steel, Add</i>	5.39	
			<i>For 316 Stainless Steel, Add</i>	6.05	
			<i>For Aluminum, Add</i>	0.34	
			<i>For Galvanized Steel, Add</i>	1.17	
05 12 23 00-0665	LF		1" Square Bar Stock .....	3.99	
			<i>For 304 Stainless Steel, Add</i>	6.90	
			<i>For 316 Stainless Steel, Add</i>	7.74	
			<i>For Aluminum, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.50	
05 12 23 00-0666	LF		1-1/4" Square Bar Stock .....	6.25	
			<i>For 304 Stainless Steel, Add</i>	10.77	
			<i>For 316 Stainless Steel, Add</i>	12.10	
			<i>For Aluminum, Add</i>	0.68	
			<i>For Galvanized Steel, Add</i>	2.34	
05 12 23 00-0667	LF		1-1/2" Square Bar Stock .....	8.90	
			<i>For 304 Stainless Steel, Add</i>	15.50	
			<i>For 316 Stainless Steel, Add</i>	17.41	
			<i>For Aluminum, Add</i>	0.98	
			<i>For Galvanized Steel, Add</i>	3.37	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0668	LF		1-3/4" Square Bar Stock .....	13.34	
			For 304 Stainless Steel, Add	21.57	
			For 316 Stainless Steel, Add	24.22	
			For Aluminum, Add	1.36	
			For Galvanized Steel, Add	4.69	
05 12 23 00-0669	LF		2" Square Bar Stock.....	19.37	
			For 304 Stainless Steel, Add	27.59	
			For 316 Stainless Steel, Add	30.98	
			For Aluminum, Add	1.74	
			For Galvanized Steel, Add	6.00	
05 12 23 00-0670			<b>Steel Tubing</b> (05 12 23 00-0421)		
			Note: General purpose low-carbon steel.		
05 12 23 00-0671			<b>Square Steel Tubing</b> (05 12 23 00-0670)		
05 12 23 00-0672			<b>0.06" Wall Thickness</b> (05 12 23 00-0671)		
05 12 23 00-0673	LF		1/2" x 1/2" x 0.06" Square Steel Tubing.....	1.38	0.37
			For >100 To 250, Deduct	-0.04	
			For >250 To 500, Deduct	-0.07	
			For >500 To 1,000, Deduct	-0.12	
			For >1,000, Deduct	-0.16	
			For 304 Stainless Steel, Add	2.54	
			For 316 Stainless Steel, Add	2.85	
			For Aluminum, Add	0.16	
			For Galvanized Steel, Add	0.55	
05 12 23 00-0674	LF		3/4" x 3/4" x 0.06" Square Steel Tubing.....	2.13	0.58
			For >100 To 250, Deduct	-0.06	
			For >250 To 500, Deduct	-0.11	
			For >500 To 1,000, Deduct	-0.18	
			For >1,000, Deduct	-0.26	
			For 304 Stainless Steel, Add	3.85	
			For 316 Stainless Steel, Add	4.32	
			For Aluminum, Add	0.24	
			For Galvanized Steel, Add	0.84	
05 12 23 00-0675	LF		1" x 1" x 0.06" Square Steel Tubing.....	2.87	1.06
			For >100 To 250, Deduct	-0.08	
			For >250 To 500, Deduct	-0.15	
			For >500 To 1,000, Deduct	-0.25	
			For >1,000, Deduct	-0.35	
			For 304 Stainless Steel, Add	5.16	
			For 316 Stainless Steel, Add	5.79	
			For Aluminum, Add	0.33	
			For Galvanized Steel, Add	1.12	
05 12 23 00-0676	LF		1-1/4" x 1-1/4" x 0.06" Square Steel Tubing.....	3.78	1.01
			For >100 To 250, Deduct	-0.10	
			For >250 To 500, Deduct	-0.20	
			For >500 To 1,000, Deduct	-0.32	
			For >1,000, Deduct	-0.45	
			For 304 Stainless Steel, Add	6.95	
			For 316 Stainless Steel, Add	7.81	
			For Aluminum, Add	0.44	
			For Galvanized Steel, Add	1.51	
05 12 23 00-0677	LF		1-1/2" x 1-1/2" x 0.06" Square Steel Tubing.....	4.49	1.22
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.23	
			For >500 To 1,000, Deduct	-0.39	
			For >1,000, Deduct	-0.54	
			For 304 Stainless Steel, Add	8.18	
			For 316 Stainless Steel, Add	9.18	
			For Aluminum, Add	0.52	
			For Galvanized Steel, Add	1.78	
05 12 23 00-0678			<b>0.083" Wall Thickness</b> (05 12 23 00-0671)		
05 12 23 00-0679	LF		3/4" x 3/4" x 0.083" Square Steel Tubing.....	2.49	0.69
			For >100 To 250, Deduct	-0.07	
			For >250 To 500, Deduct	-0.13	
			For >500 To 1,000, Deduct	-0.22	
			For >1,000, Deduct	-0.30	
			For 304 Stainless Steel, Add	4.47	
			For 316 Stainless Steel, Add	5.02	
			For Aluminum, Add	0.28	
			For Galvanized Steel, Add	0.97	
05 12 23 00-0680	LF		1" x 1" x 0.083" Square Steel Tubing.....	3.60	0.94
			For >100 To 250, Deduct	-0.09	
			For >250 To 500, Deduct	-0.18	
			For >500 To 1,000, Deduct	-0.31	
			For >1,000, Deduct	-0.43	
			For 304 Stainless Steel, Add	6.70	
			For 316 Stainless Steel, Add	7.52	
			For Aluminum, Add	0.42	
			For Galvanized Steel, Add	1.46	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0681	LF		1-1/4" x 1-1/4" x 0.083" Square Steel Tubing .....	4.36	1.20
			<i>For &gt;100 To 250, Deduct</i>	-0.12	
			<i>For &gt;250 To 500, Deduct</i>	-0.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.38	
			<i>For &gt;1,000, Deduct</i>	-0.53	
			<i>For 304 Stainless Steel, Add</i>	7.89	
			<i>For 316 Stainless Steel, Add</i>	8.86	
			<i>For Aluminum, Add</i>	0.50	
			<i>For Galvanized Steel, Add</i>	1.72	
05 12 23 00-0682	LF		1-1/2" x 1-1/2" x 0.083" Square Steel Tubing .....	5.29	1.45
			<i>For &gt;100 To 250, Deduct</i>	-0.15	
			<i>For &gt;250 To 500, Deduct</i>	-0.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.46	
			<i>For &gt;1,000, Deduct</i>	-0.64	
			<i>For 304 Stainless Steel, Add</i>	9.55	
			<i>For 316 Stainless Steel, Add</i>	10.72	
			<i>For Aluminum, Add</i>	0.60	
			<i>For Galvanized Steel, Add</i>	2.08	
05 12 23 00-0683	LF		2" x 2" x 0.083" Square Steel Tubing.....	6.79	1.94
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000, Deduct</i>	-0.83	
			<i>For 304 Stainless Steel, Add</i>	12.00	
			<i>For 316 Stainless Steel, Add</i>	13.47	
			<i>For Aluminum, Add</i>	0.76	
			<i>For Galvanized Steel, Add</i>	2.61	
<b>05 12 23 00-0684</b>			<b>0.12" Wall Thickness</b> (05 12 23 00-0671)		
05 12 23 00-0685	LF		1" x 1" x 0.12" Square Steel Tubing.....	3.99	1.12
			<i>For &gt;100 To 250, Deduct</i>	-0.11	
			<i>For &gt;250 To 500, Deduct</i>	-0.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.35	
			<i>For &gt;1,000, Deduct</i>	-0.49	
			<i>For 304 Stainless Steel, Add</i>	7.13	
			<i>For 316 Stainless Steel, Add</i>	8.00	
			<i>For Aluminum, Add</i>	0.45	
			<i>For Galvanized Steel, Add</i>	1.55	
05 12 23 00-0686	LF		1-1/4" x 1-1/4" x 0.12" Square Steel Tubing .....	5.15	1.44
			<i>For &gt;100 To 250, Deduct</i>	-0.14	
			<i>For &gt;250 To 500, Deduct</i>	-0.27	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.45	
			<i>For &gt;1,000, Deduct</i>	-0.63	
			<i>For 304 Stainless Steel, Add</i>	9.21	
			<i>For 316 Stainless Steel, Add</i>	10.34	
			<i>For Aluminum, Add</i>	0.58	
			<i>For Galvanized Steel, Add</i>	2.00	
05 12 23 00-0687	LF		1-1/2" x 1-1/2" x 0.12" Square Steel Tubing .....	6.32	1.75
			<i>For &gt;100 To 250, Deduct</i>	-0.18	
			<i>For &gt;250 To 500, Deduct</i>	-0.33	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.55	
			<i>For &gt;1,000, Deduct</i>	-0.77	
			<i>For 304 Stainless Steel, Add</i>	11.34	
			<i>For 316 Stainless Steel, Add</i>	12.74	
			<i>For Aluminum, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.47	
05 12 23 00-0688	LF		2" x 2" x 0.12" Square Steel Tubing.....	8.56	2.39
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.75	
			<i>For &gt;1,000, Deduct</i>	-1.04	
			<i>For 304 Stainless Steel, Add</i>	15.30	
			<i>For 316 Stainless Steel, Add</i>	17.18	
			<i>For Aluminum, Add</i>	0.97	
			<i>For Galvanized Steel, Add</i>	3.33	
<b>05 12 23 00-0689</b>			<b>1/8" Wall Thickness</b> (05 12 23 00-0671)		
05 12 23 00-0690	LF		2" x 2" x 1/8" Square Steel Tubing.....	7.78	2.48
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.72	
			<i>For &gt;1,000, Deduct</i>	-1.00	
			<i>For 304 Stainless Steel, Add</i>	12.74	
			<i>For 316 Stainless Steel, Add</i>	14.30	
			<i>For Aluminum, Add</i>	0.80	
			<i>For Galvanized Steel, Add</i>	2.77	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0691	LF 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing.....	10.23	3.15
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.57	
	For >500 To 1,000, Deduct	-0.93	
	For >1,000, Deduct	-1.29	
	For 304 Stainless Steel, Add	17.21	
	For 316 Stainless Steel, Add	19.33	
	For Aluminum, Add	1.09	
	For Galvanized Steel, Add	3.74	
05 12 23 00-0692	LF 3" x 3" x 1/8" Square Steel Tubing.....	12.03	3.81
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.68	
	For >500 To 1,000, Deduct	-1.11	
	For >1,000, Deduct	-1.54	
	For 304 Stainless Steel, Add	19.81	
	For 316 Stainless Steel, Add	22.24	
	For Aluminum, Add	1.25	
	For Galvanized Steel, Add	4.31	
05 12 23 00-0693	LF 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing.....	13.95	4.47
	For >100 To 250, Deduct	-0.45	
	For >250 To 500, Deduct	-0.80	
	For >500 To 1,000, Deduct	-1.29	
	For >1,000, Deduct	-1.79	
	For 304 Stainless Steel, Add	22.77	
	For 316 Stainless Steel, Add	25.57	
	For Aluminum, Add	1.44	
	For Galvanized Steel, Add	4.95	
05 12 23 00-0694	LF 4" x 4" x 1/8" Square Steel Tubing.....	15.43	5.13
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.90	
	For >500 To 1,000, Deduct	-1.46	
	For >1,000, Deduct	-2.01	
	For 304 Stainless Steel, Add	24.45	
	For 316 Stainless Steel, Add	27.46	
	For Aluminum, Add	1.54	
	For Galvanized Steel, Add	5.32	
<b>05 12 23 00-0695</b>	<b>3/16" Wall Thickness (05 12 23 00-0671)</b>		
05 12 23 00-0696	LF 2" x 2" x 3/16" Square Steel Tubing.....	8.83	2.80
	For >100 To 250, Deduct	-0.28	
	For >250 To 500, Deduct	-0.50	
	For >500 To 1,000, Deduct	-0.82	
	For >1,000, Deduct	-1.13	
	For 304 Stainless Steel, Add	14.51	
	For 316 Stainless Steel, Add	16.29	
	For Aluminum, Add	0.92	
	For Galvanized Steel, Add	3.16	
05 12 23 00-0697	LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	11.43	3.63
	For >100 To 250, Deduct	-0.36	
	For >250 To 500, Deduct	-0.65	
	For >500 To 1,000, Deduct	-1.06	
	For >1,000, Deduct	-1.46	
	For 304 Stainless Steel, Add	18.78	
	For 316 Stainless Steel, Add	21.09	
	For Aluminum, Add	1.19	
	For Galvanized Steel, Add	4.09	
05 12 23 00-0698	LF 3" x 3" x 3/16" Square Steel Tubing.....	14.04	4.46
	For >100 To 250, Deduct	-0.45	
	For >250 To 500, Deduct	-0.80	
	For >500 To 1,000, Deduct	-1.30	
	For >1,000, Deduct	-1.80	
	For 304 Stainless Steel, Add	23.09	
	For 316 Stainless Steel, Add	25.92	
	For Aluminum, Add	1.46	
	For Galvanized Steel, Add	5.02	
05 12 23 00-0699	LF 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	16.66	5.28
	For >100 To 250, Deduct	-0.53	
	For >250 To 500, Deduct	-0.95	
	For >500 To 1,000, Deduct	-1.54	
	For >1,000, Deduct	-2.13	
	For 304 Stainless Steel, Add	27.39	
	For 316 Stainless Steel, Add	30.75	
	For Aluminum, Add	1.73	
	For Galvanized Steel, Add	5.96	
05 12 23 00-0700	LF 4" x 4" x 3/16" Square Steel Tubing.....	19.25	6.11
	For >100 To 250, Deduct	-0.61	
	For >250 To 500, Deduct	-1.09	
	For >500 To 1,000, Deduct	-1.78	
	For >1,000, Deduct	-2.46	
	For 304 Stainless Steel, Add	31.64	
	For 316 Stainless Steel, Add	35.52	
	For Aluminum, Add	2.00	
	For Galvanized Steel, Add	6.88	





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0701	LF		4-1/2" x 4-1/2" x 3/16" Square Steel Tubing .....	21.86	6.94
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-1.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.02	
			<i>For &gt;1,000, Deduct</i>	-2.80	
			<i>For 304 Stainless Steel, Add</i>	35.94	
			<i>For 316 Stainless Steel, Add</i>	40.35	
			<i>For Aluminum, Add</i>	2.27	
			<i>For Galvanized Steel, Add</i>	7.82	
05 12 23 00-0702	LF		5" x 5" x 3/16" Square Steel Tubing.....	24.46	7.76
			<i>For &gt;100 To 250, Deduct</i>	-0.78	
			<i>For &gt;250 To 500, Deduct</i>	-1.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.26	
			<i>For &gt;1,000, Deduct</i>	-3.13	
			<i>For 304 Stainless Steel, Add</i>	40.21	
			<i>For 316 Stainless Steel, Add</i>	45.15	
			<i>For Aluminum, Add</i>	2.54	
			<i>For Galvanized Steel, Add</i>	8.75	
05 12 23 00-0703	LF		6" x 6" x 3/16" Square Steel Tubing.....	29.69	9.43
			<i>For &gt;100 To 250, Deduct</i>	-0.94	
			<i>For &gt;250 To 500, Deduct</i>	-1.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.74	
			<i>For &gt;1,000, Deduct</i>	-3.80	
			<i>For 304 Stainless Steel, Add</i>	48.82	
			<i>For 316 Stainless Steel, Add</i>	54.82	
			<i>For Aluminum, Add</i>	3.08	
			<i>For Galvanized Steel, Add</i>	10.62	
<b>05 12 23 00-0704</b>			<b>1/4" Wall Thickness (05 12 23 00-0671)</b>		
05 12 23 00-0705	LF		2" x 2" x 1/4" Square Steel Tubing.....	9.37	2.80
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.84	
			<i>For &gt;1,000, Deduct</i>	-1.17	
			<i>For 304 Stainless Steel, Add</i>	16.05	
			<i>For 316 Stainless Steel, Add</i>	18.02	
			<i>For Aluminum, Add</i>	1.01	
			<i>For Galvanized Steel, Add</i>	3.49	
05 12 23 00-0706	LF		2-1/2" x 2-1/2" x 1/4" Square Steel Tubing .....	12.32	3.69
			<i>For &gt;100 To 250, Deduct</i>	-0.37	
			<i>For &gt;250 To 500, Deduct</i>	-0.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.11	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	21.09	
			<i>For 316 Stainless Steel, Add</i>	23.68	
			<i>For Aluminum, Add</i>	1.33	
			<i>For Galvanized Steel, Add</i>	4.59	
05 12 23 00-0707	LF		3" x 3" x 1/4" Square Steel Tubing.....	15.26	4.57
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.37	
			<i>For &gt;1,000, Deduct</i>	-1.91	
			<i>For 304 Stainless Steel, Add</i>	26.11	
			<i>For 316 Stainless Steel, Add</i>	29.31	
			<i>For Aluminum, Add</i>	1.65	
			<i>For Galvanized Steel, Add</i>	5.68	
05 12 23 00-0708	LF		3-1/2" x 3-1/2" x 1/4" Square Steel Tubing .....	18.20	5.45
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-1.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.64	
			<i>For &gt;1,000, Deduct</i>	-2.27	
			<i>For 304 Stainless Steel, Add</i>	31.15	
			<i>For 316 Stainless Steel, Add</i>	34.98	
			<i>For Aluminum, Add</i>	1.97	
			<i>For Galvanized Steel, Add</i>	6.78	
05 12 23 00-0709	LF		4" x 4" x 1/4" Square Steel Tubing.....	21.15	6.33
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.90	
			<i>For &gt;1,000, Deduct</i>	-2.64	
			<i>For 304 Stainless Steel, Add</i>	36.20	
			<i>For 316 Stainless Steel, Add</i>	40.64	
			<i>For Aluminum, Add</i>	2.29	
			<i>For Galvanized Steel, Add</i>	7.87	
05 12 23 00-0710	LF		4-1/2" x 4-1/2" x 1/4" Square Steel Tubing .....	24.10	7.22
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-1.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.17	
			<i>For &gt;1,000, Deduct</i>	-3.01	
			<i>For 304 Stainless Steel, Add</i>	41.24	
			<i>For 316 Stainless Steel, Add</i>	46.30	
			<i>For Aluminum, Add</i>	2.60	
			<i>For Galvanized Steel, Add</i>	8.97	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0711	LF		5" x 5" x 1/4" Square Steel Tubing.....	27.06	8.11
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.43	
			<i>For &gt;1,000, Deduct</i>	-3.38	
			<i>For 304 Stainless Steel, Add</i>	46.31	
			<i>For 316 Stainless Steel, Add</i>	52.00	
			<i>For Aluminum, Add</i>	2.93	
			<i>For Galvanized Steel, Add</i>	10.08	
05 12 23 00-0712	LF		6" x 6" x 1/4" Square Steel Tubing.....	32.95	9.87
			<i>For &gt;100 To 250, Deduct</i>	-0.99	
			<i>For &gt;250 To 500, Deduct</i>	-1.81	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.96	
			<i>For &gt;1,000, Deduct</i>	-4.12	
			<i>For 304 Stainless Steel, Add</i>	56.40	
			<i>For 316 Stainless Steel, Add</i>	63.33	
			<i>For Aluminum, Add</i>	3.56	
			<i>For Galvanized Steel, Add</i>	12.27	
05 12 23 00-0713			Rectangular Steel Tubing (05 12 23 00-0670)		
05 12 23 00-0714			3/16" Wall Thickness (05 12 23 00-0713)		
05 12 23 00-0715	LF		3" x 2" x 3/16" Square Steel Tubing.....	11.43	3.63
			<i>For &gt;100 To 250, Deduct</i>	-0.36	
			<i>For &gt;250 To 500, Deduct</i>	-0.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.06	
			<i>For &gt;1,000, Deduct</i>	-1.46	
			<i>For 304 Stainless Steel, Add</i>	18.78	
			<i>For 316 Stainless Steel, Add</i>	21.09	
			<i>For Aluminum, Add</i>	1.19	
			<i>For Galvanized Steel, Add</i>	4.09	
05 12 23 00-0716	LF		4" x 2" x 3/16" Square Steel Tubing.....	14.04	4.46
			<i>For &gt;100 To 250, Deduct</i>	-0.45	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.30	
			<i>For &gt;1,000, Deduct</i>	-1.80	
			<i>For 304 Stainless Steel, Add</i>	23.09	
			<i>For 316 Stainless Steel, Add</i>	25.92	
			<i>For Aluminum, Add</i>	1.46	
			<i>For Galvanized Steel, Add</i>	5.02	
05 12 23 00-0717	LF		4" x 3" x 3/16" Square Steel Tubing.....	16.66	5.28
			<i>For &gt;100 To 250, Deduct</i>	-0.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.54	
			<i>For &gt;1,000, Deduct</i>	-2.13	
			<i>For 304 Stainless Steel, Add</i>	27.39	
			<i>For 316 Stainless Steel, Add</i>	30.75	
			<i>For Aluminum, Add</i>	1.73	
			<i>For Galvanized Steel, Add</i>	5.96	
05 12 23 00-0718	LF		5" x 2" x 3/16" Square Steel Tubing.....	16.66	5.28
			<i>For &gt;100 To 250, Deduct</i>	-0.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.54	
			<i>For &gt;1,000, Deduct</i>	-2.13	
			<i>For 304 Stainless Steel, Add</i>	27.39	
			<i>For 316 Stainless Steel, Add</i>	30.75	
			<i>For Aluminum, Add</i>	1.73	
			<i>For Galvanized Steel, Add</i>	5.96	
05 12 23 00-0719	LF		5" x 3" x 3/16" Square Steel Tubing.....	19.25	6.11
			<i>For &gt;100 To 250, Deduct</i>	-0.61	
			<i>For &gt;250 To 500, Deduct</i>	-1.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.78	
			<i>For &gt;1,000, Deduct</i>	-2.46	
			<i>For 304 Stainless Steel, Add</i>	31.64	
			<i>For 316 Stainless Steel, Add</i>	35.52	
			<i>For Aluminum, Add</i>	2.00	
			<i>For Galvanized Steel, Add</i>	6.88	
05 12 23 00-0720	LF		5" x 4" x 3/16" Square Steel Tubing.....	21.86	6.94
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-1.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.02	
			<i>For &gt;1,000, Deduct</i>	-2.80	
			<i>For 304 Stainless Steel, Add</i>	35.94	
			<i>For 316 Stainless Steel, Add</i>	40.35	
			<i>For Aluminum, Add</i>	2.27	
			<i>For Galvanized Steel, Add</i>	7.82	
05 12 23 00-0721	LF		6" x 2" x 3/16" Square Steel Tubing.....	19.25	6.11
			<i>For &gt;100 To 250, Deduct</i>	-0.61	
			<i>For &gt;250 To 500, Deduct</i>	-1.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.78	
			<i>For &gt;1,000, Deduct</i>	-2.46	
			<i>For 304 Stainless Steel, Add</i>	31.64	
			<i>For 316 Stainless Steel, Add</i>	35.52	
			<i>For Aluminum, Add</i>	2.00	
			<i>For Galvanized Steel, Add</i>	6.88	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0722	LF		6" x 3" x 3/16" Square Steel Tubing.....	21.86	6.94
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;250 To 500, Deduct</i>	-1.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.02	
			<i>For &gt;1,000, Deduct</i>	-2.80	
			<i>For 304 Stainless Steel, Add</i>	35.94	
			<i>For 316 Stainless Steel, Add</i>	40.35	
			<i>For Aluminum, Add</i>	2.27	
			<i>For Galvanized Steel, Add</i>	7.82	
05 12 23 00-0723	LF		6" x 4" x 3/16" Square Steel Tubing.....	24.46	7.76
			<i>For &gt;100 To 250, Deduct</i>	-0.78	
			<i>For &gt;250 To 500, Deduct</i>	-1.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.26	
			<i>For &gt;1,000, Deduct</i>	-3.13	
			<i>For 304 Stainless Steel, Add</i>	40.21	
			<i>For 316 Stainless Steel, Add</i>	45.15	
			<i>For Aluminum, Add</i>	2.54	
			<i>For Galvanized Steel, Add</i>	8.75	
<b>05 12 23 00-0724</b>			<b>1/4" Wall Thickness</b> (05 12 23 00-0713)		
05 12 23 00-0725	LF		3" x 2" x 1/4" Square Steel Tubing.....	12.32	3.69
			<i>For &gt;100 To 250, Deduct</i>	-0.37	
			<i>For &gt;250 To 500, Deduct</i>	-0.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.11	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	21.09	
			<i>For 316 Stainless Steel, Add</i>	23.68	
			<i>For Aluminum, Add</i>	1.33	
			<i>For Galvanized Steel, Add</i>	4.59	
05 12 23 00-0726	LF		4" x 2" x 1/4" Square Steel Tubing.....	15.26	4.57
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.37	
			<i>For &gt;1,000, Deduct</i>	-1.91	
			<i>For 304 Stainless Steel, Add</i>	26.11	
			<i>For 316 Stainless Steel, Add</i>	29.31	
			<i>For Aluminum, Add</i>	1.65	
			<i>For Galvanized Steel, Add</i>	5.68	
05 12 23 00-0727	LF		4" x 3" x 1/4" Square Steel Tubing.....	18.20	5.45
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-1.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.64	
			<i>For &gt;1,000, Deduct</i>	-2.27	
			<i>For 304 Stainless Steel, Add</i>	31.15	
			<i>For 316 Stainless Steel, Add</i>	34.98	
			<i>For Aluminum, Add</i>	1.97	
			<i>For Galvanized Steel, Add</i>	6.78	
05 12 23 00-0728	LF		5" x 2" x 1/4" Square Steel Tubing.....	18.20	5.45
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-1.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.64	
			<i>For &gt;1,000, Deduct</i>	-2.27	
			<i>For 304 Stainless Steel, Add</i>	31.15	
			<i>For 316 Stainless Steel, Add</i>	34.98	
			<i>For Aluminum, Add</i>	1.97	
			<i>For Galvanized Steel, Add</i>	6.78	
05 12 23 00-0729	LF		5" x 3" x 1/4" Square Steel Tubing.....	21.15	6.33
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.90	
			<i>For &gt;1,000, Deduct</i>	-2.64	
			<i>For 304 Stainless Steel, Add</i>	36.20	
			<i>For 316 Stainless Steel, Add</i>	40.64	
			<i>For Aluminum, Add</i>	2.29	
			<i>For Galvanized Steel, Add</i>	7.87	
05 12 23 00-0730	LF		5" x 4" x 1/4" Square Steel Tubing.....	24.10	7.22
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-1.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.17	
			<i>For &gt;1,000, Deduct</i>	-3.01	
			<i>For 304 Stainless Steel, Add</i>	41.24	
			<i>For 316 Stainless Steel, Add</i>	46.30	
			<i>For Aluminum, Add</i>	2.60	
			<i>For Galvanized Steel, Add</i>	8.97	
05 12 23 00-0731	LF		6" x 2" x 1/4" Square Steel Tubing.....	21.15	6.33
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.90	
			<i>For &gt;1,000, Deduct</i>	-2.64	
			<i>For 304 Stainless Steel, Add</i>	36.20	
			<i>For 316 Stainless Steel, Add</i>	40.64	
			<i>For Aluminum, Add</i>	2.29	
			<i>For Galvanized Steel, Add</i>	7.87	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0732	LF		6" x 3" x 1/4" Square Steel Tubing.....	24.10	7.22
			<i>For &gt;100 To 250, Deduct</i>	-0.72	
			<i>For &gt;250 To 500, Deduct</i>	-1.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.17	
			<i>For &gt;1,000, Deduct</i>	-3.01	
			<i>For 304 Stainless Steel, Add</i>	41.24	
			<i>For 316 Stainless Steel, Add</i>	46.30	
			<i>For Aluminum, Add</i>	2.60	
			<i>For Galvanized Steel, Add</i>	8.97	
05 12 23 00-0733	LF		6" x 4" x 1/4" Square Steel Tubing.....	27.06	8.11
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.43	
			<i>For &gt;1,000, Deduct</i>	-3.38	
			<i>For 304 Stainless Steel, Add</i>	46.31	
			<i>For 316 Stainless Steel, Add</i>	52.00	
			<i>For Aluminum, Add</i>	2.93	
			<i>For Galvanized Steel, Add</i>	10.08	
05 12 23 00-0734			Round Steel Tubing (05 12 23 00-0670)		
05 12 23 00-0735			0.065" Wall Thickness (05 12 23 00-0734)		
05 12 23 00-0736	LF		1" Diameter x 0.065" Round Steel Tubing .....	2.48	0.68
			<i>For &gt;100 To 250, Deduct</i>	-0.07	
			<i>For &gt;250 To 500, Deduct</i>	-0.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.21	
			<i>For &gt;1,000, Deduct</i>	-0.30	
			<i>For 304 Stainless Steel, Add</i>	4.50	
			<i>For 316 Stainless Steel, Add</i>	5.06	
			<i>For Aluminum, Add</i>	0.28	
			<i>For Galvanized Steel, Add</i>	0.98	
05 12 23 00-0737	LF		1-1/4" Diameter x 0.065" Round Steel Tubing .....	3.15	0.86
			<i>For &gt;100 To 250, Deduct</i>	-0.09	
			<i>For &gt;250 To 500, Deduct</i>	-0.16	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.27	
			<i>For &gt;1,000, Deduct</i>	-0.38	
			<i>For 304 Stainless Steel, Add</i>	5.73	
			<i>For 316 Stainless Steel, Add</i>	6.43	
			<i>For Aluminum, Add</i>	0.36	
			<i>For Galvanized Steel, Add</i>	1.25	
05 12 23 00-0738	LF		1-1/2" Diameter x 0.065" Round Steel Tubing .....	3.81	1.04
			<i>For &gt;100 To 250, Deduct</i>	-0.10	
			<i>For &gt;250 To 500, Deduct</i>	-0.20	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.33	
			<i>For &gt;1,000, Deduct</i>	-0.46	
			<i>For 304 Stainless Steel, Add</i>	6.93	
			<i>For 316 Stainless Steel, Add</i>	7.78	
			<i>For Aluminum, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.51	
05 12 23 00-0739	LF		2" Diameter x 0.065" Round Steel Tubing .....	5.12	1.39
			<i>For &gt;100 To 250, Deduct</i>	-0.14	
			<i>For &gt;250 To 500, Deduct</i>	-0.27	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.44	
			<i>For &gt;1,000, Deduct</i>	-0.62	
			<i>For 304 Stainless Steel, Add</i>	9.32	
			<i>For 316 Stainless Steel, Add</i>	10.46	
			<i>For Aluminum, Add</i>	0.59	
			<i>For Galvanized Steel, Add</i>	2.03	
05 12 23 00-0740	LF		2-1/2" Diameter x 0.065" Round Steel Tubing .....	6.46	1.75
			<i>For &gt;100 To 250, Deduct</i>	-0.18	
			<i>For &gt;250 To 500, Deduct</i>	-0.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.56	
			<i>For &gt;1,000, Deduct</i>	-0.78	
			<i>For 304 Stainless Steel, Add</i>	11.74	
			<i>For 316 Stainless Steel, Add</i>	13.18	
			<i>For Aluminum, Add</i>	0.74	
			<i>For Galvanized Steel, Add</i>	2.55	
05 12 23 00-0741	LF		3" Diameter x 0.065" Round Steel Tubing .....	7.78	2.12
			<i>For &gt;100 To 250, Deduct</i>	-0.21	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.67	
			<i>For &gt;1,000, Deduct</i>	-0.94	
			<i>For 304 Stainless Steel, Add</i>	14.14	
			<i>For 316 Stainless Steel, Add</i>	15.87	
			<i>For Aluminum, Add</i>	0.89	
			<i>For Galvanized Steel, Add</i>	3.08	
05 12 23 00-0742	LF		3-1/2" Diameter x 0.065" Round Steel Tubing .....	9.11	2.48
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.79	
			<i>For &gt;1,000, Deduct</i>	-1.10	
			<i>For 304 Stainless Steel, Add</i>	16.56	
			<i>For 316 Stainless Steel, Add</i>	18.59	
			<i>For Aluminum, Add</i>	1.05	
			<i>For Galvanized Steel, Add</i>	3.60	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0743	LF		4" Diameter x 0.065" Round Steel Tubing .....	10.44	2.83
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.90	
			<i>For &gt;1,000, Deduct</i>	-1.26	
			<i>For 304 Stainless Steel, Add</i>	18.98	
			<i>For 316 Stainless Steel, Add</i>	21.31	
			<i>For Aluminum, Add</i>	1.20	
			<i>For Galvanized Steel, Add</i>	4.13	
05 12 23 00-0744			<b>0.083" Wall Thickness</b> <small>(05 12 23 00-0734)</small>		
05 12 23 00-0745	LF		1" Diameter x 0.083" Round Steel Tubing .....	2.70	0.74
			<i>For &gt;100 To 250, Deduct</i>	-0.07	
			<i>For &gt;250 To 500, Deduct</i>	-0.14	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.23	
			<i>For &gt;1,000, Deduct</i>	-0.33	
			<i>For 304 Stainless Steel, Add</i>	4.87	
			<i>For 316 Stainless Steel, Add</i>	5.47	
			<i>For Aluminum, Add</i>	0.31	
			<i>For Galvanized Steel, Add</i>	1.06	
05 12 23 00-0746	LF		1-1/4" Diameter x 0.083" Round Steel Tubing .....	3.43	0.94
			<i>For &gt;100 To 250, Deduct</i>	-0.09	
			<i>For &gt;250 To 500, Deduct</i>	-0.18	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.30	
			<i>For &gt;1,000, Deduct</i>	-0.41	
			<i>For 304 Stainless Steel, Add</i>	6.21	
			<i>For 316 Stainless Steel, Add</i>	6.98	
			<i>For Aluminum, Add</i>	0.39	
			<i>For Galvanized Steel, Add</i>	1.35	
05 12 23 00-0747	LF		1-1/2" Diameter x 0.083" Round Steel Tubing .....	4.16	1.14
			<i>For &gt;100 To 250, Deduct</i>	-0.11	
			<i>For &gt;250 To 500, Deduct</i>	-0.22	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.36	
			<i>For &gt;1,000, Deduct</i>	-0.50	
			<i>For 304 Stainless Steel, Add</i>	7.52	
			<i>For 316 Stainless Steel, Add</i>	8.45	
			<i>For Aluminum, Add</i>	0.48	
			<i>For Galvanized Steel, Add</i>	1.64	
05 12 23 00-0748	LF		2" Diameter x 0.083" Round Steel Tubing .....	5.64	1.54
			<i>For &gt;100 To 250, Deduct</i>	-0.15	
			<i>For &gt;250 To 500, Deduct</i>	-0.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.49	
			<i>For &gt;1,000, Deduct</i>	-0.68	
			<i>For 304 Stainless Steel, Add</i>	10.20	
			<i>For 316 Stainless Steel, Add</i>	11.46	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.22	
05 12 23 00-0749	LF		2-1/2" Diameter x 0.083" Round Steel Tubing .....	7.10	1.95
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.61	
			<i>For &gt;1,000, Deduct</i>	-0.86	
			<i>For 304 Stainless Steel, Add</i>	12.85	
			<i>For 316 Stainless Steel, Add</i>	14.43	
			<i>For Aluminum, Add</i>	0.81	
			<i>For Galvanized Steel, Add</i>	2.80	
05 12 23 00-0750	LF		3" Diameter x 0.083" Round Steel Tubing .....	8.58	2.35
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.74	
			<i>For &gt;1,000, Deduct</i>	-1.04	
			<i>For 304 Stainless Steel, Add</i>	15.50	
			<i>For 316 Stainless Steel, Add</i>	17.41	
			<i>For Aluminum, Add</i>	0.98	
			<i>For Galvanized Steel, Add</i>	3.37	
05 12 23 00-0751	LF		3-1/2" Diameter x 0.083" Round Steel Tubing .....	10.05	2.75
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.87	
			<i>For &gt;1,000, Deduct</i>	-1.21	
			<i>For 304 Stainless Steel, Add</i>	18.18	
			<i>For 316 Stainless Steel, Add</i>	20.42	
			<i>For Aluminum, Add</i>	1.15	
			<i>For Galvanized Steel, Add</i>	3.96	
05 12 23 00-0752	LF		4" Diameter x 0.083" Round Steel Tubing .....	11.51	3.16
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.00	
			<i>For &gt;1,000, Deduct</i>	-1.39	
			<i>For 304 Stainless Steel, Add</i>	20.83	
			<i>For 316 Stainless Steel, Add</i>	23.39	
			<i>For Aluminum, Add</i>	1.32	
			<i>For Galvanized Steel, Add</i>	4.53	

05	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 12 23 00-0753 0.125" Wall Thickness</b> <small>(05 12 23 00-0734)</small>		
05 12 23 00-0754 LF 2" Diameter x 0.125" Round Steel Tubing .....	6.11	1.95
For >100 To 250, Deduct	-0.20	
For >250 To 500, Deduct	-0.35	
For >500 To 1,000, Deduct	-0.57	
For >1,000, Deduct	-0.78	
For 304 Stainless Steel, Add	10.00	
For 316 Stainless Steel, Add	11.23	
For Aluminum, Add	0.63	
For Galvanized Steel, Add	2.18	
05 12 23 00-0755 LF 2-1/2" Diameter x 0.125" Round Steel Tubing .....	7.74	2.47
For >100 To 250, Deduct	-0.25	
For >250 To 500, Deduct	-0.44	
For >500 To 1,000, Deduct	-0.72	
For >1,000, Deduct	-0.99	
For 304 Stainless Steel, Add	12.68	
For 316 Stainless Steel, Add	14.24	
For Aluminum, Add	0.80	
For Galvanized Steel, Add	2.76	
05 12 23 00-0756 LF 3" Diameter x 0.125" Round Steel Tubing .....	9.36	2.98
For >100 To 250, Deduct	-0.30	
For >250 To 500, Deduct	-0.53	
For >500 To 1,000, Deduct	-0.87	
For >1,000, Deduct	-1.20	
For 304 Stainless Steel, Add	15.33	
For 316 Stainless Steel, Add	17.22	
For Aluminum, Add	0.97	
For Galvanized Steel, Add	3.34	
05 12 23 00-0757 LF 3-1/2" Diameter x 0.125" Round Steel Tubing .....	11.00	3.51
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.63	
For >500 To 1,000, Deduct	-1.02	
For >1,000, Deduct	-1.41	
For 304 Stainless Steel, Add	18.01	
For 316 Stainless Steel, Add	20.22	
For Aluminum, Add	1.14	
For Galvanized Steel, Add	3.92	
05 12 23 00-0758 LF 4" Diameter x 0.125" Round Steel Tubing .....	12.61	4.02
For >100 To 250, Deduct	-0.40	
For >250 To 500, Deduct	-0.72	
For >500 To 1,000, Deduct	-1.17	
For >1,000, Deduct	-1.62	
For 304 Stainless Steel, Add	20.66	
For 316 Stainless Steel, Add	23.20	
For Aluminum, Add	1.31	
For Galvanized Steel, Add	4.50	
<b>05 12 23 00-0759 Flat Steel Bar</b> <small>(05 12 23 00-0421)</small>		
<b>05 12 23 00-0760 1/8" Thick</b> <small>(05 12 23 00-0759)</small>		
05 12 23 00-0761 LF 1/8" Thick x 1" Wide Flat Steel Bar .....	1.84	0.97
For 304 Stainless Steel, Add	1.11	
For 316 Stainless Steel, Add	1.25	
For Aluminum, Add	0.07	
For Galvanized Steel, Add	0.24	
05 12 23 00-0762 LF 1/8" Thick x 2" Wide Flat Steel Bar .....	2.83	1.45
For 304 Stainless Steel, Add	1.85	
For 316 Stainless Steel, Add	2.08	
For Aluminum, Add	0.12	
For Galvanized Steel, Add	0.40	
05 12 23 00-0763 LF 1/8" Thick x 4" Wide Flat Steel Bar .....	4.26	2.05
For 304 Stainless Steel, Add	3.39	
For 316 Stainless Steel, Add	3.81	
For Aluminum, Add	0.21	
For Galvanized Steel, Add	0.74	
05 12 23 00-0764 LF 1/8" Thick x 6" Wide Flat Steel Bar .....	5.77	2.78
For 304 Stainless Steel, Add	4.56	
For 316 Stainless Steel, Add	5.12	
For Aluminum, Add	0.29	
For Galvanized Steel, Add	0.99	
<b>05 12 23 00-0765 3/16" Thick</b> <small>(05 12 23 00-0759)</small>		
05 12 23 00-0766 LF 3/16" Thick x 1" Wide Flat Steel Bar .....	2.40	1.20
For 304 Stainless Steel, Add	1.71	
For 316 Stainless Steel, Add	1.92	
For Aluminum, Add	0.11	
For Galvanized Steel, Add	0.37	
05 12 23 00-0767 LF 3/16" Thick x 2" Wide Flat Steel Bar .....	3.74	1.80
For 304 Stainless Steel, Add	2.94	
For 316 Stainless Steel, Add	3.30	
For Aluminum, Add	0.19	
For Galvanized Steel, Add	0.64	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0768	LF		3/16" Thick x 4" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	4.85 4.96 5.57 0.31 1.08	2.08
05 12 23 00-0769	LF		3/16" Thick x 6" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	6.72 6.87 7.71 0.43 1.49	2.87
<b>05 12 23 00-0770</b>			<b>1/4" Thick</b> (05 12 23 00-0759)		
05 12 23 00-0771	LF		1/4" Thick x 1" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	2.50 1.68 1.89 0.11 0.37	1.27
05 12 23 00-0772	LF		1/4" Thick x 2" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	4.05 3.39 3.81 0.21 0.74	1.91
05 12 23 00-0773	LF		1/4" Thick x 4" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	5.59 6.58 7.39 0.42 1.43	2.18
05 12 23 00-0774	LF		1/4" Thick x 6" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	8.12 9.35 10.50 0.59 2.03	3.23
<b>05 12 23 00-0775</b>			<b>3/8" Thick</b> (05 12 23 00-0759)		
05 12 23 00-0776	LF		3/8" Thick x 1" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	3.08 2.65 2.98 0.17 0.58	1.43
05 12 23 00-0777	LF		3/8" Thick x 2" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	4.94 4.87 5.47 0.31 1.06	2.15
05 12 23 00-0778	LF		3/8" Thick x 4" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	7.10 9.75 10.94 0.62 2.12	2.45
05 12 23 00-0779	LF		3/8" Thick x 6" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	10.26 13.71 15.39 0.87 2.98	3.63
<b>05 12 23 00-0780</b>			<b>1/2" Thick</b> (05 12 23 00-0759)		
05 12 23 00-0781	LF		1/2" Thick x 1" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	3.56 3.39 3.81 0.21 0.74	1.57
05 12 23 00-0782	LF		1/2" Thick x 2" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	5.73 6.21 6.98 0.39 1.35	2.37
05 12 23 00-0783	LF		1/2" Thick x 4" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	7.76 10.60 11.90 0.67 2.31	2.69
05 12 23 00-0784	LF		1/2" Thick x 6" Wide Flat Steel Bar ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	13.41 21.15 23.74 1.34 4.60	3.99
<b>05 12 23 00-0785</b>			<b>Flat Steel Plate</b> (05 12 23 00-0421)		

05	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0786	SF		1/8" Thick Flat Steel Plate.....	9.06	4.17
			For 304 Stainless Steel, Add	7.98	
			For 316 Stainless Steel, Add	8.96	
			For Aluminum, Add	0.50	
			For Galvanized Steel, Add	1.74	
05 12 23 00-0787	SF		3/16" Thick Flat Steel Plate.....	9.98	4.31
			For 304 Stainless Steel, Add	9.98	
			For 316 Stainless Steel, Add	11.20	
			For Aluminum, Add	0.63	
			For Galvanized Steel, Add	2.17	
05 12 23 00-0788	SF		1/4" Thick Flat Steel Plate.....	11.73	4.84
			For 304 Stainless Steel, Add	12.71	
			For 316 Stainless Steel, Add	14.27	
			For Aluminum, Add	0.80	
			For Galvanized Steel, Add	2.77	
05 12 23 00-0789	SF		3/8" Thick Flat Steel Plate.....	15.18	5.44
			For 304 Stainless Steel, Add	19.98	
			For 316 Stainless Steel, Add	22.43	
			For Aluminum, Add	1.26	
			For Galvanized Steel, Add	4.35	
05 12 23 00-0790	SF		1/2" Thick Flat Steel Plate.....	17.71	5.99
			For 304 Stainless Steel, Add	24.88	
			For 316 Stainless Steel, Add	27.94	
			For Aluminum, Add	1.57	
			For Galvanized Steel, Add	5.41	
05 12 23 00-0791	SF		3/4" Thick Flat Steel Plate.....	27.60	7.41
			For 304 Stainless Steel, Add	46.65	
			For 316 Stainless Steel, Add	52.38	
			For Aluminum, Add	2.95	
			For Galvanized Steel, Add	10.15	
05 12 23 00-0792	SF		1" Thick Flat Steel Plate.....	36.45	9.26
			For 304 Stainless Steel, Add	63.87	
			For 316 Stainless Steel, Add	71.71	
			For Aluminum, Add	4.03	
			For Galvanized Steel, Add	13.89	

05 14 Structural Aluminum Framing (05 10)

**05 14 16 Structural Aluminum Framing (05 14)**

**05 14 16 00-0001 Rolled Or Plate Shapes (05 14 16)**

Note: 1" through 10" member.

05 14 16 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members .....	6.30	3.09
05 14 16 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members .....	6.05	2.08

**05 14 16 00-0004 Aluminum Extrusions (05 14 16)**

05 14 16 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members .....	5.77	2.08
05 14 16 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members .....	6.00	2.08

**05 14 16 00-0007 Aluminum Tubing (05 14 16)**

05 14 16 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members .....	6.98	2.33
05 14 16 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness .....	8.83	3.80
05 14 16 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness .....	10.01	4.15
05 14 16 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness .....	11.61	4.84
05 14 16 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness .....	12.93	5.19
05 14 16 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness .....	24.95	6.57
05 14 16 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness .....	21.17	5.88

**05 14 16 00-0015 Columns (05 14 16)**

Note: Baked on paint finish, load bearing.

**05 14 16 00-0016 Round Columns (05 14 16 00-0015)**

05 14 16 00-0017	LF	6" Diameter Aluminum Column .....	19.53	4.47
05 14 16 00-0018	LF	8" Diameter Aluminum Column .....	25.95	6.40
05 14 16 00-0019	LF	10" Diameter Aluminum Column .....	30.97	7.20
05 14 16 00-0020	LF	12" Diameter Aluminum Column .....	42.83	7.54
05 14 16 00-0021	LF	15" Diameter Aluminum Column .....	53.69	8.73
05 14 16 00-0022	EA	6" Diameter Aluminum Base And Cap .....	36.76	8.33
05 14 16 00-0023	EA	8" Diameter Aluminum Base And Cap .....	41.46	9.01
05 14 16 00-0024	EA	10" Diameter Aluminum Base And Cap .....	50.85	10.00
05 14 16 00-0025	EA	12" Diameter Aluminum Base And Cap .....	80.60	10.67
05 14 16 00-0026	EA	15" Diameter Aluminum Base And Cap .....	118.28	11.67

**05 14 16 00-0027 Octagonal Columns (05 14 16 00-0015)**

05 14 16 00-0028	LF	6" Diameter Aluminum Column .....	20.68	4.47
05 14 16 00-0029	LF	8" Diameter Aluminum Column .....	28.58	6.40
05 14 16 00-0030	LF	10" Diameter Aluminum Column .....	34.28	7.20
05 14 16 00-0031	LF	12" Diameter Aluminum Column .....	48.39	7.54





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Aluminum Framing	05 14

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 16 00-0032	LF		15" Diameter Aluminum Column.....	60.95	8.73
05 14 16 00-0033	EA		6" Diameter Aluminum Base And Cap .....	40.77	8.33
05 14 16 00-0034	EA		8" Diameter Aluminum Base And Cap .....	46.16	9.01
05 14 16 00-0035	EA		10" Diameter Aluminum Base And Cap .....	57.02	10.00
05 14 16 00-0036	EA		12" Diameter Aluminum Base And Cap .....	92.46	10.67
05 14 16 00-0037	EA		15" Diameter Aluminum Base And Cap .....	137.27	11.67
<b>05 14 16 00-0038</b>			<b>Fluted Columns (05 14 16 00-0015)</b>		
05 14 16 00-0039	LF		6" Diameter Aluminum Column.....	22.45	4.47
05 14 16 00-0040	LF		8" Diameter Aluminum Column.....	30.94	6.40
05 14 16 00-0041	LF		10" Diameter Aluminum Column.....	37.27	7.20
05 14 16 00-0042	LF		12" Diameter Aluminum Column.....	53.40	7.54
05 14 16 00-0043	LF		15" Diameter Aluminum Column.....	67.48	8.73
05 14 16 00-0044	EA		6" Diameter Aluminum Base And Cap .....	44.39	8.33
05 14 16 00-0045	EA		8" Diameter Aluminum Base And Cap .....	50.38	9.01
05 14 16 00-0046	EA		10" Diameter Aluminum Base And Cap .....	62.57	10.00
05 14 16 00-0047	EA		12" Diameter Aluminum Base And Cap .....	103.12	10.67
05 14 16 00-0048	EA		15" Diameter Aluminum Base And Cap .....	154.36	11.67
<b>05 14 16 00-0049</b>			<b>Square Columns (05 14 16 00-0015)</b>		
05 14 16 00-0050	LF		6" Aluminum Column .....	23.67	4.47
05 14 16 00-0051	LF		8" Aluminum Column .....	32.55	6.40
05 14 16 00-0052	LF		10" Aluminum Column .....	39.31	7.20
05 14 16 00-0053	LF		12" Aluminum Column .....	56.82	7.54
05 14 16 00-0054	LF		15" Aluminum Column .....	71.95	8.73
05 14 16 00-0055	EA		6" Aluminum Base And Cap .....	46.86	8.33
05 14 16 00-0056	EA		8" Aluminum Base And Cap .....	53.27	9.01
05 14 16 00-0057	EA		10" Aluminum Base And Cap .....	66.37	10.00
05 14 16 00-0058	EA		12" Aluminum Base And Cap .....	110.42	10.67
05 14 16 00-0059	EA		15" Aluminum Base And Cap .....	166.05	11.67
<b>05 14 16 00-0060</b>			<b>Ornamental Or Decorative Cap And Bases (05 14 16 00-0015)</b>		
05 14 16 00-0061	EA		8" Corinthian Capital And Base .....	224.41	10.00
05 14 16 00-0062	EA		10" Corinthian Capital And Base.....	326.88	11.67
05 14 16 00-0063	EA		12" Corinthian Capital And Base.....	511.46	13.33
05 14 16 00-0064	EA		8" Scamozzi Capital And Base .....	116.97	10.00
05 14 16 00-0065	EA		10" Scamozzi Capital And Base .....	154.80	11.67
05 14 16 00-0066	EA		12" Scamozzi Capital And Base .....	300.25	13.33
<b>05 15</b>			<b>Wire Rope Assemblies (05 10)</b>		
<b>05 15 16</b>			<b>Steel Wire Rope Assemblies (05 15)</b>		
Note: IWRC = Independent Wire Rope Center; IPS = Improved Plow Steel; XIP = Extra Improved Plow Steel.					
<b>05 15 16 00-0001</b>			<b>6x7 Class Bright, IPS, Fiber Core (05 15 16)</b>		
05 15 16 00-0002	LF		1/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core .....	0.29	0.05
			For 7x7 Strand Core, Add	0.01	
			For <100, Add	0.08	
			For >500 To 1,000, Deduct	-0.01	
			For >1,000 To 2,000, Deduct	-0.02	
			For >2,000, Deduct	-0.03	
05 15 16 00-0003	LF		3/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core .....	0.32	0.05
			For 7x7 Strand Core, Add	0.01	
			For <100, Add	0.09	
			For >500 To 1,000, Deduct	-0.02	
			For >1,000 To 2,000, Deduct	-0.02	
			For >2,000, Deduct	-0.03	
05 15 16 00-0004	LF		1/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core .....	0.43	0.06
			For 7x7 Strand Core, Add	0.02	
			For <100, Add	0.12	
			For >500 To 1,000, Deduct	-0.02	
			For >1,000 To 2,000, Deduct	-0.03	
			For >2,000, Deduct	-0.04	
05 15 16 00-0005	LF		5/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core .....	0.47	0.07
			For 7x7 Strand Core, Add	0.02	
			For <100, Add	0.13	
			For >500 To 1,000, Deduct	-0.02	
			For >1,000 To 2,000, Deduct	-0.04	
			For >2,000, Deduct	-0.05	
05 15 16 00-0006	LF		3/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core .....	0.68	0.07
			For 7x7 Strand Core, Add	0.03	
			For <100, Add	0.20	
			For >500 To 1,000, Deduct	-0.03	
			For >1,000 To 2,000, Deduct	-0.05	
			For >2,000, Deduct	-0.07	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0007	LF		1/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.90	0.07
			<i>For 7x7 Strand Core, Add</i>	0.04	
			<i>For &lt;100, Add</i>	0.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.05	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.07	
			<i>For &gt;2,000, Deduct</i>	-0.09	
05 15 16 00-0008	LF		5/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.14	0.07
			<i>For 7x7 Strand Core, Add</i>	0.05	
			<i>For &lt;100, Add</i>	0.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.06	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.09	
			<i>For &gt;2,000, Deduct</i>	-0.11	
05 15 16 00-0009	LF		3/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.44	0.07
			<i>For 7x7 Strand Core, Add</i>	0.06	
			<i>For &lt;100, Add</i>	0.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.07	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.11	
			<i>For &gt;2,000, Deduct</i>	-0.14	
05 15 16 00-0010	LF		7/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.77	0.14
			<i>For 7x7 Strand Core, Add</i>	0.07	
			<i>For &lt;100, Add</i>	0.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.09	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.13	
			<i>For &gt;2,000, Deduct</i>	-0.18	
05 15 16 00-0011	LF		1/2" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.08	0.14
			<i>For 7x7 Strand Core, Add</i>	0.08	
			<i>For &lt;100, Add</i>	0.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.10	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.16	
			<i>For &gt;2,000, Deduct</i>	-0.21	
05 15 16 00-0012	LF		9/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.52	0.21
			<i>For 7x7 Strand Core, Add</i>	0.09	
			<i>For &lt;100, Add</i>	0.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.13	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.19	
			<i>For &gt;2,000, Deduct</i>	-0.25	
05 15 16 00-0013	LF		5/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.89	0.27
			<i>For 7x7 Strand Core, Add</i>	0.10	
			<i>For &lt;100, Add</i>	0.85	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.14	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.22	
			<i>For &gt;2,000, Deduct</i>	-0.29	
05 15 16 00-0014	LF		3/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	3.87	0.34
			<i>For 7x7 Strand Core, Add</i>	0.14	
			<i>For &lt;100, Add</i>	1.12	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.29	
			<i>For &gt;2,000, Deduct</i>	-0.39	
<b>05 15 16 00-0015</b>			<b>8x19 Class Bright, IPS, Fiber Core</b> <small>(05 15 16)</small>		
05 15 16 00-0016	LF		3/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.00	0.07
			<i>For &lt;100, Add</i>	0.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.05	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.08	
			<i>For &gt;2,000, Deduct</i>	-0.10	
05 15 16 00-0017	LF		1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.51	0.07
			<i>For &lt;100, Add</i>	0.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.08	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.11	
			<i>For &gt;2,000, Deduct</i>	-0.15	
05 15 16 00-0018	LF		5/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.74	0.07
			<i>For &lt;100, Add</i>	0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.09	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.13	
			<i>For &gt;2,000, Deduct</i>	-0.17	
05 15 16 00-0019	LF		3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.02	0.07
			<i>For &lt;100, Add</i>	0.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.10	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.15	
			<i>For &gt;2,000, Deduct</i>	-0.20	
05 15 16 00-0020	LF		7/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.39	0.14
			<i>For &lt;100, Add</i>	0.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.12	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.18	
			<i>For &gt;2,000, Deduct</i>	-0.24	
05 15 16 00-0021	LF		1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.74	0.14
			<i>For &lt;100, Add</i>	0.85	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.14	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.21	
			<i>For &gt;2,000, Deduct</i>	-0.27	
05 15 16 00-0022	LF		9/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	3.22	0.21
			<i>For &lt;100, Add</i>	0.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.16	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.24	
			<i>For &gt;2,000, Deduct</i>	-0.32	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0023 LF 5/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 3.88		0.27
For <100, Add	1.19	
For >500 To 1,000, Deduct	-0.19	
For >1,000 To 2,000, Deduct	-0.29	
For >2,000, Deduct	-0.39	
05 15 16 00-0024 LF 3/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 5.41		0.34
For <100, Add	1.65	
For >500 To 1,000, Deduct	-0.27	
For >1,000 To 2,000, Deduct	-0.41	
For >2,000, Deduct	-0.54	
05 15 16 00-0025 LF 7/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 7.18		0.48
For <100, Add	2.18	
For >500 To 1,000, Deduct	-0.36	
For >1,000 To 2,000, Deduct	-0.54	
For >2,000, Deduct	-0.72	
05 15 16 00-0026 LF 1" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 9.01		0.70
For <100, Add	2.72	
For >500 To 1,000, Deduct	-0.45	
For >1,000 To 2,000, Deduct	-0.68	
For >2,000, Deduct	-0.90	
05 15 16 00-0027 LF 1-1/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 6.33		0.83
For <100, Add	1.66	
For >500 To 1,000, Deduct	-0.32	
For >1,000 To 2,000, Deduct	-0.47	
For >2,000, Deduct	-0.63	
05 15 16 00-0028 LF 1-1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 13.57		1.04
For <100, Add	4.06	
For >500 To 1,000, Deduct	-0.68	
For >1,000 To 2,000, Deduct	-1.02	
For >2,000, Deduct	-1.36	
05 15 16 00-0029 LF 1-3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 16.32		1.25
For <100, Add	4.89	
For >500 To 1,000, Deduct	-0.82	
For >1,000 To 2,000, Deduct	-1.22	
For >2,000, Deduct	-1.63	
05 15 16 00-0030 LF 1-1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core ..... 19.39		1.52
For <100, Add	5.80	
For >500 To 1,000, Deduct	-0.97	
For >1,000 To 2,000, Deduct	-1.45	
For >2,000, Deduct	-1.94	
<b>05 15 16 00-0031 6x19 Class Bright, IPS, IWRC (05 15 16)</b>		
05 15 16 00-0032 LF 1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC ..... 1.44		0.07
For <100, Add	0.47	
For >500 To 1,000, Deduct	-0.07	
For >1,000 To 2,000, Deduct	-0.11	
For >2,000, Deduct	-0.14	
For 7x19 Strand Core, Add	0.26	
For Heavy Duty IWRC Rating, Add	0.32	
For 7x19 Galvanized, Add	0.70	
05 15 16 00-0033 LF 5/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC ..... 1.69		0.07
For <100, Add	0.54	
For >500 To 1,000, Deduct	-0.08	
For >1,000 To 2,000, Deduct	-0.13	
For >2,000, Deduct	-0.17	
For 7x19 Strand Core, Add	0.29	
For Heavy Duty IWRC Rating, Add	0.36	
For 7x19 Galvanized, Add	0.79	
05 15 16 00-0034 LF 3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC ..... 2.02		0.14
For <100, Add	0.64	
For >500 To 1,000, Deduct	-0.10	
For >1,000 To 2,000, Deduct	-0.15	
For >2,000, Deduct	-0.20	
For 7x19 Strand Core, Add	0.33	
For Heavy Duty IWRC Rating, Add	0.42	
For 7x19 Galvanized, Add	0.91	
05 15 16 00-0035 LF 7/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC ..... 2.36		0.14
For <100, Add	0.73	
For >500 To 1,000, Deduct	-0.12	
For >1,000 To 2,000, Deduct	-0.18	
For >2,000, Deduct	-0.24	
For 7x19 Strand Core, Add	0.38	
For Heavy Duty IWRC Rating, Add	0.47	
For 7x19 Galvanized, Add	1.03	
05 15 16 00-0036 LF 1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC ..... 2.75		0.21
For <100, Add	0.83	
For >500 To 1,000, Deduct	-0.14	
For >1,000 To 2,000, Deduct	-0.21	
For >2,000, Deduct	-0.28	
For 7x19 Strand Core, Add	0.42	
For Heavy Duty IWRC Rating, Add	0.53	
For 7x19 Galvanized, Add	1.16	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0037	LF		9/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	3.24	0.27
			<i>For &lt;100, Add</i>	0.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.16	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.24	
			<i>For &gt;2,000, Deduct</i>	-0.32	
			<i>For 7x19 Strand Core, Add</i>	0.48	
			<i>For Heavy Duty IWRC Rating, Add</i>	0.61	
			<i>For 7x19 Galvanized, Add</i>	1.33	
05 15 16 00-0038	LF		5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	3.72	0.27
			<i>For &lt;100, Add</i>	1.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.28	
			<i>For &gt;2,000, Deduct</i>	-0.37	
			<i>For 7x19 Strand Core, Add</i>	0.54	
			<i>For Heavy Duty IWRC Rating, Add</i>	0.68	
			<i>For 7x19 Galvanized, Add</i>	1.49	
05 15 16 00-0039	LF		3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	5.25	0.48
			<i>For &lt;100, Add</i>	1.55	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.26	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.39	
			<i>For &gt;2,000, Deduct</i>	-0.53	
			<i>For 7x19 Strand Core, Add</i>	0.76	
			<i>For Heavy Duty IWRC Rating, Add</i>	0.95	
			<i>For 7x19 Galvanized, Add</i>	2.09	
05 15 16 00-0040	LF		7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	6.93	0.55
			<i>For &lt;100, Add</i>	2.03	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.35	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.52	
			<i>For &gt;2,000, Deduct</i>	-0.69	
			<i>For 7x19 Strand Core, Add</i>	0.99	
			<i>For Heavy Duty IWRC Rating, Add</i>	1.24	
			<i>For 7x19 Galvanized, Add</i>	2.72	
05 15 16 00-0041	LF		1" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	8.70	0.76
			<i>For &lt;100, Add</i>	2.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.44	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.65	
			<i>For &gt;2,000, Deduct</i>	-0.87	
			<i>For 7x19 Strand Core, Add</i>	1.22	
			<i>For Heavy Duty IWRC Rating, Add</i>	1.52	
			<i>For 7x19 Galvanized, Add</i>	3.35	
05 15 16 00-0042	LF		1-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	10.77	0.97
			<i>For &lt;100, Add</i>	3.12	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.54	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.81	
			<i>For &gt;2,000, Deduct</i>	-1.08	
			<i>For 7x19 Strand Core, Add</i>	1.51	
			<i>For Heavy Duty IWRC Rating, Add</i>	1.88	
			<i>For 7x19 Galvanized, Add</i>	4.14	
05 15 16 00-0043	LF		1-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	12.82	1.18
			<i>For &lt;100, Add</i>	3.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.64	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.96	
			<i>For &gt;2,000, Deduct</i>	-1.28	
			<i>For 7x19 Strand Core, Add</i>	1.77	
			<i>For Heavy Duty IWRC Rating, Add</i>	2.22	
			<i>For 7x19 Galvanized, Add</i>	4.88	
05 15 16 00-0044	LF		1-3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	15.55	1.45
			<i>For &lt;100, Add</i>	4.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.78	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.17	
			<i>For &gt;2,000, Deduct</i>	-1.56	
			<i>For 7x19 Strand Core, Add</i>	2.14	
			<i>For Heavy Duty IWRC Rating, Add</i>	2.67	
			<i>For 7x19 Galvanized, Add</i>	5.88	
05 15 16 00-0045	LF		1-1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	18.44	1.73
			<i>For &lt;100, Add</i>	5.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.92	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.38	
			<i>For &gt;2,000, Deduct</i>	-1.84	
			<i>For 7x19 Strand Core, Add</i>	2.53	
			<i>For Heavy Duty IWRC Rating, Add</i>	3.17	
			<i>For 7x19 Galvanized, Add</i>	6.97	
05 15 16 00-0046	LF		1-3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	21.97	2.01
			<i>For &lt;100, Add</i>	6.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.10	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.65	
			<i>For &gt;2,000, Deduct</i>	-2.20	
			<i>For 7x19 Strand Core, Add</i>	3.04	
			<i>For Heavy Duty IWRC Rating, Add</i>	3.81	
			<i>For 7x19 Galvanized, Add</i>	8.37	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0047	LF		1-3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	28.65	3.27
			<i>For &lt;100, Add</i>	7.87	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.43	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.15	
			<i>For &gt;2,000, Deduct</i>	-2.87	
			<i>For 7x19 Strand Core, Add</i>	3.57	
			<i>For Heavy Duty IWRC Rating, Add</i>	4.47	
			<i>For 7x19 Galvanized, Add</i>	9.83	
05 15 16 00-0048	LF		1-7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	32.93	3.70
			<i>For &lt;100, Add</i>	9.05	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.65	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.47	
			<i>For &gt;2,000, Deduct</i>	-3.29	
			<i>For 7x19 Strand Core, Add</i>	4.11	
			<i>For Heavy Duty IWRC Rating, Add</i>	5.14	
			<i>For 7x19 Galvanized, Add</i>	11.30	
05 15 16 00-0049	LF		2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	37.82	4.27
			<i>For &lt;100, Add</i>	10.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.89	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.84	
			<i>For &gt;2,000, Deduct</i>	-3.78	
			<i>For 7x19 Strand Core, Add</i>	4.72	
			<i>For Heavy Duty IWRC Rating, Add</i>	5.90	
			<i>For 7x19 Galvanized, Add</i>	12.97	
05 15 16 00-0050	LF		2-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	42.65	4.77
			<i>For &lt;100, Add</i>	11.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.13	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.20	
			<i>For &gt;2,000, Deduct</i>	-4.27	
			<i>For 7x19 Strand Core, Add</i>	5.37	
			<i>For Heavy Duty IWRC Rating, Add</i>	6.71	
			<i>For 7x19 Galvanized, Add</i>	14.76	
05 15 16 00-0051	LF		2-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	48.39	5.33
			<i>For &lt;100, Add</i>	13.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.42	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.63	
			<i>For &gt;2,000, Deduct</i>	-4.84	
			<i>For 7x19 Strand Core, Add</i>	6.12	
			<i>For Heavy Duty IWRC Rating, Add</i>	7.65	
			<i>For 7x19 Galvanized, Add</i>	16.83	
05 15 16 00-0052			<b>6x37 Class Bright, IPS, IWRC</b> <small>(05 15 16)</small>		
05 15 16 00-0053	LF		1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	1.82	0.07
			<i>For &lt;100, Add</i>	0.61	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.09	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.14	
			<i>For &gt;2,000, Deduct</i>	-0.18	
			<i>For XIPS Wire, Add</i>	0.04	
05 15 16 00-0054	LF		5/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.16	0.07
			<i>For &lt;100, Add</i>	0.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.11	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.16	
			<i>For &gt;2,000, Deduct</i>	-0.22	
			<i>For XIPS Wire, Add</i>	0.05	
05 15 16 00-0055	LF		3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.59	0.14
			<i>For &lt;100, Add</i>	0.83	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.13	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.19	
			<i>For &gt;2,000, Deduct</i>	-0.26	
			<i>For XIPS Wire, Add</i>	0.06	
05 15 16 00-0056	LF		7/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.97	0.14
			<i>For &lt;100, Add</i>	0.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.15	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.22	
			<i>For &gt;2,000, Deduct</i>	-0.30	
			<i>For XIPS Wire, Add</i>	0.07	
05 15 16 00-0057	LF		1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.45	0.21
			<i>For &lt;100, Add</i>	1.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.17	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.26	
			<i>For &gt;2,000, Deduct</i>	-0.35	
			<i>For XIPS Wire, Add</i>	0.08	
05 15 16 00-0058	LF		9/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.98	0.27
			<i>For &lt;100, Add</i>	1.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.20	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.30	
			<i>For &gt;2,000, Deduct</i>	-0.40	
			<i>For XIPS Wire, Add</i>	0.10	
05 15 16 00-0059	LF		5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	4.52	0.27
			<i>For &lt;100, Add</i>	1.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.23	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.34	
			<i>For &gt;2,000, Deduct</i>	-0.45	
			<i>For XIPS Wire, Add</i>	0.11	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0060	LF		3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	6.01	0.48
			<i>For &lt;100, Add</i>	1.81	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.30	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.45	
			<i>For &gt;2,000, Deduct</i>	-0.60	
			<i>For XIPS Wire, Add</i>	0.14	
05 15 16 00-0061	LF		7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	7.75	0.55
			<i>For &lt;100, Add</i>	2.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.39	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.58	
			<i>For &gt;2,000, Deduct</i>	-0.78	
			<i>For XIPS Wire, Add</i>	0.18	
05 15 16 00-0062	LF		1" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	9.74	0.76
			<i>For &lt;100, Add</i>	2.90	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.49	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.73	
			<i>For &gt;2,000, Deduct</i>	-0.97	
			<i>For XIPS Wire, Add</i>	0.23	
05 15 16 00-0063	LF		1-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	12.07	0.97
			<i>For &lt;100, Add</i>	3.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.91	
			<i>For &gt;2,000, Deduct</i>	-1.21	
			<i>For XIPS Wire, Add</i>	0.29	
05 15 16 00-0064	LF		1-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	14.38	1.18
			<i>For &lt;100, Add</i>	4.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.72	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.08	
			<i>For &gt;2,000, Deduct</i>	-1.44	
			<i>For XIPS Wire, Add</i>	0.34	
05 15 16 00-0065	LF		1-3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	17.02	1.45
			<i>For &lt;100, Add</i>	4.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.85	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.28	
			<i>For &gt;2,000, Deduct</i>	-1.70	
			<i>For XIPS Wire, Add</i>	0.40	
05 15 16 00-0066	LF		1-1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	20.25	1.73
			<i>For &lt;100, Add</i>	5.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.01	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.52	
			<i>For &gt;2,000, Deduct</i>	-2.03	
			<i>For XIPS Wire, Add</i>	0.48	
05 15 16 00-0067	LF		1-5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	24.31	2.08
			<i>For &lt;100, Add</i>	7.12	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.82	
			<i>For &gt;2,000, Deduct</i>	-2.43	
			<i>For XIPS Wire, Add</i>	0.57	
05 15 16 00-0068	LF		1-3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	31.56	3.27
			<i>For &lt;100, Add</i>	8.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.58	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.37	
			<i>For &gt;2,000, Deduct</i>	-3.16	
			<i>For XIPS Wire, Add</i>	0.73	
05 15 16 00-0069	LF		1-7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	36.56	3.70
			<i>For &lt;100, Add</i>	10.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.83	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.74	
			<i>For &gt;2,000, Deduct</i>	-3.66	
			<i>For XIPS Wire, Add</i>	0.85	
05 15 16 00-0070	LF		2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	41.68	4.27
			<i>For &lt;100, Add</i>	11.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.08	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.13	
			<i>For &gt;2,000, Deduct</i>	-4.17	
			<i>For XIPS Wire, Add</i>	0.97	
05 15 16 00-0071	LF		2-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	47.05	4.77
			<i>For &lt;100, Add</i>	13.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.35	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.53	
			<i>For &gt;2,000, Deduct</i>	-4.71	
			<i>For XIPS Wire, Add</i>	1.10	
05 15 16 00-0072	LF		2-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	53.11	5.33
			<i>For &lt;100, Add</i>	15.03	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.66	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.98	
			<i>For &gt;2,000, Deduct</i>	-5.31	
			<i>For XIPS Wire, Add</i>	1.24	
05 15 16 00-0073			<b>6x19 And 6x37 Swaged Wire Rope</b> <small>(05 15 16)</small> .....	4.87	0.27
05 15 16 00-0074	LF		1/2" Diameter 6x19 And 6x37 Swaged Wire Rope.....		
			<i>For &lt;100, Add</i>	1.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.24	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.37	
			<i>For &gt;2,000, Deduct</i>	-0.49	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0075	LF		9/16" Diameter 6x19 And 6x37 Swaged Wire Rope .....	5.48	0.27
			For <100, Add	1.72	
			For >500 To 1,000, Deduct	-0.27	
			For >1,000 To 2,000, Deduct	-0.41	
			For >2,000, Deduct	-0.55	
05 15 16 00-0076	LF		5/8" Diameter 6x19 And 6x37 Swaged Wire Rope .....	6.77	0.34
			For <100, Add	2.13	
			For >500 To 1,000, Deduct	-0.34	
			For >1,000 To 2,000, Deduct	-0.51	
			For >2,000, Deduct	-0.68	
05 15 16 00-0077	LF		3/4" Diameter 6x19 And 6x37 Swaged Wire Rope .....	8.30	0.55
			For <100, Add	2.56	
			For >500 To 1,000, Deduct	-0.42	
			For >1,000 To 2,000, Deduct	-0.62	
			For >2,000, Deduct	-0.83	
05 15 16 00-0078	LF		7/8" Diameter 6x19 And 6x37 Swaged Wire Rope .....	10.29	0.70
			For <100, Add	3.14	
			For >500 To 1,000, Deduct	-0.51	
			For >1,000 To 2,000, Deduct	-0.77	
			For >2,000, Deduct	-1.03	
05 15 16 00-0079	LF		1" Diameter 6x19 And 6x37 Swaged Wire Rope .....	12.67	0.90
			For <100, Add	3.82	
			For >500 To 1,000, Deduct	-0.63	
			For >1,000 To 2,000, Deduct	-0.95	
			For >2,000, Deduct	-1.27	
05 15 16 00-0080	LF		1-1/8" Diameter 6x19 And 6x37 Swaged Wire Rope .....	15.93	1.18
			For <100, Add	4.80	
			For >500 To 1,000, Deduct	-0.80	
			For >1,000 To 2,000, Deduct	-1.19	
			For >2,000, Deduct	-1.59	
05 15 16 00-0081	LF		1-1/4" Diameter 6x19 And 6x37 Swaged Wire Rope .....	19.01	1.45
			For <100, Add	5.69	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000 To 2,000, Deduct	-1.43	
			For >2,000, Deduct	-1.90	
05 15 16 00-0082	LF		1-3/8" Diameter 6x19 And 6x37 Swaged Wire Rope .....	22.28	1.73
			For <100, Add	6.63	
			For >500 To 1,000, Deduct	-1.11	
			For >1,000 To 2,000, Deduct	-1.67	
			For >2,000, Deduct	-2.23	
05 15 16 00-0083	LF		1-1/2" Diameter 6x19 And 6x37 Swaged Wire Rope .....	29.33	2.85
			For <100, Add	8.37	
			For >500 To 1,000, Deduct	-1.47	
			For >1,000 To 2,000, Deduct	-2.20	
			For >2,000, Deduct	-2.93	
<b>05 15 16 00-0084</b>			<b>Flattened Strand Wire Rope, IPS, Fiber Core</b> (05 15 16)		
05 15 16 00-0085	LF		5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	6.30	0.27
			For <100, Add	2.01	
			For >500 To 1,000, Deduct	-0.32	
			For >1,000 To 2,000, Deduct	-0.47	
			For >2,000, Deduct	-0.63	
05 15 16 00-0086	LF		3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	8.51	0.41
			For <100, Add	2.70	
			For >500 To 1,000, Deduct	-0.43	
			For >1,000 To 2,000, Deduct	-0.64	
			For >2,000, Deduct	-0.85	
05 15 16 00-0087	LF		7/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	10.74	0.55
			For <100, Add	3.37	
			For >500 To 1,000, Deduct	-0.54	
			For >1,000 To 2,000, Deduct	-0.81	
			For >2,000, Deduct	-1.07	
05 15 16 00-0088	LF		1" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	13.11	0.76
			For <100, Add	4.09	
			For >500 To 1,000, Deduct	-0.66	
			For >1,000 To 2,000, Deduct	-0.98	
			For >2,000, Deduct	-1.31	
05 15 16 00-0089	LF		1-1/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	15.86	0.97
			For <100, Add	4.91	
			For >500 To 1,000, Deduct	-0.79	
			For >1,000 To 2,000, Deduct	-1.19	
			For >2,000, Deduct	-1.59	
05 15 16 00-0090	LF		1-1/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	19.18	1.18
			For <100, Add	5.93	
			For >500 To 1,000, Deduct	-0.96	
			For >1,000 To 2,000, Deduct	-1.44	
			For >2,000, Deduct	-1.92	
05 15 16 00-0091	LF		1-3/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core .....	23.13	1.38
			For <100, Add	7.16	
			For >500 To 1,000, Deduct	-1.16	
			For >1,000 To 2,000, Deduct	-1.73	
			For >2,000, Deduct	-2.31	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0092	LF		1-1/2" Diameter Flattened Strand Wire Rope IPS, Fiber Core.....	28.37	1.73
			<i>For &lt;100, Add</i>	8.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.42	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.13	
			<i>For &gt;2,000, Deduct</i>	-2.84	
05 15 16 00-0093	LF		1-5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core.....	33.90	2.01
			<i>For &lt;100, Add</i>	10.55	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.70	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.54	
			<i>For &gt;2,000, Deduct</i>	-3.39	
05 15 16 00-0094	LF		1-3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core.....	42.67	3.13
			<i>For &lt;100, Add</i>	12.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.13	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.20	
			<i>For &gt;2,000, Deduct</i>	-4.27	
<b>05 15 16 00-0095</b>			<b>Flattened Strand Wire Rope, XIP, IWRC</b> <small>(05 15 16)</small>		
05 15 16 00-0096	LF		5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	6.36	0.27
			<i>For &lt;100, Add</i>	2.02	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.32	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.48	
			<i>For &gt;2,000, Deduct</i>	-0.64	
05 15 16 00-0097	LF		3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	8.57	0.48
			<i>For &lt;100, Add</i>	2.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.43	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.64	
			<i>For &gt;2,000, Deduct</i>	-0.86	
05 15 16 00-0098	LF		7/8" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	10.83	0.62
			<i>For &lt;100, Add</i>	3.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.54	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.81	
			<i>For &gt;2,000, Deduct</i>	-1.08	
05 15 16 00-0099	LF		1" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	13.23	0.76
			<i>For &lt;100, Add</i>	4.11	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.66	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.99	
			<i>For &gt;2,000, Deduct</i>	-1.32	
05 15 16 00-0100	LF		1-1/8" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	15.98	0.97
			<i>For &lt;100, Add</i>	4.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.80	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.20	
			<i>For &gt;2,000, Deduct</i>	-1.60	
05 15 16 00-0101	LF		1-1/4" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	19.37	1.25
			<i>For &lt;100, Add</i>	5.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.97	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.45	
			<i>For &gt;2,000, Deduct</i>	-1.94	
05 15 16 00-0102	LF		1-3/8" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	23.38	1.52
			<i>For &lt;100, Add</i>	7.20	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.17	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.75	
			<i>For &gt;2,000, Deduct</i>	-2.34	
05 15 16 00-0103	LF		1-1/2" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	28.61	1.79
			<i>For &lt;100, Add</i>	8.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.43	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.15	
			<i>For &gt;2,000, Deduct</i>	-2.86	
05 15 16 00-0104	LF		1-5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	36.80	2.85
			<i>For &lt;100, Add</i>	10.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.84	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.76	
			<i>For &gt;2,000, Deduct</i>	-3.68	
05 15 16 00-0105	LF		1-3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC.....	43.71	3.42
			<i>For &lt;100, Add</i>	13.02	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.28	
			<i>For &gt;2,000, Deduct</i>	-4.37	
<b>05 15 16 00-0106</b>			<b>5x19 Coated Wire Rope, Bright, IPS, Fiber Core</b> <small>(05 15 16)</small>		
05 15 16 00-0107	LF		9/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire.....	4.72	0.07
			<i>For &lt;100, Add</i>	1.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.24	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.35	
			<i>For &gt;2,000, Deduct</i>	-0.47	
05 15 16 00-0108	LF		5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire.....	5.29	0.14
			<i>For &lt;100, Add</i>	1.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.26	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.40	
			<i>For &gt;2,000, Deduct</i>	-0.53	
05 15 16 00-0109	LF		11/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire.....	5.73	0.14
			<i>For &lt;100, Add</i>	1.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.29	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.43	
			<i>For &gt;2,000, Deduct</i>	-0.57	





<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0110 LF 3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	6.35 2.11 -0.32 -0.48 -0.64	0.14
05 15 16 00-0111 LF 13/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	7.00 2.31 -0.35 -0.53 -0.70	0.21
05 15 16 00-0112 LF 7/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	7.60 2.49 -0.38 -0.57 -0.76	0.27
05 15 16 00-0113 LF 1" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	9.19 2.99 -0.46 -0.69 -0.92	0.34
05 15 16 00-0114 LF 1-1/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	11.26 3.64 -0.56 -0.84 -1.13	0.48
05 15 16 00-0115 LF 1-1/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	13.27 4.28 -0.66 -1.00 -1.33	0.55
05 15 16 00-0116 LF 1-3/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	15.83 5.07 -0.79 -1.19 -1.58	0.70
05 15 16 00-0117 LF 1-1/2" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	18.54 5.91 -0.93 -1.39 -1.85	0.90
05 15 16 00-0118 LF 1-5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	21.78 6.91 -1.09 -1.63 -2.18	1.11
05 15 16 00-0119 LF 1-3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	26.02 8.24 -1.30 -1.95 -2.60	1.31
<b>05 15 16 00-0120 19x7 Rotation Resistant Wire Rope, IPS <small>(05 15 16)</small></b>		
05 15 16 00-0121 LF 3/16" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	1.41 0.46 -0.07 -0.11 -0.14	0.07
05 15 16 00-0122 LF 1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	1.67 0.55 -0.08 -0.13 -0.17	0.07
05 15 16 00-0123 LF 5/16" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	2.09 0.68 -0.10 -0.16 -0.21	0.07
05 15 16 00-0124 LF 3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	2.32 0.74 -0.12 -0.17 -0.23	0.14
05 15 16 00-0125 LF 7/16" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	2.71 0.85 -0.14 -0.20 -0.27	0.14
05 15 16 00-0126 LF 1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS ..... <i>For &lt;100, Add</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	2.94 0.93 -0.15 -0.22 -0.29	0.14

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0127	LF		9/16" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	3.55	0.27
			<i>For &lt;100, Add</i>	1.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.18	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.27	
			<i>For &gt;2,000, Deduct</i>	-0.36	
05 15 16 00-0128	LF		5/8" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	4.21	0.27
			<i>For &lt;100, Add</i>	1.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.21	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.32	
			<i>For &gt;2,000, Deduct</i>	-0.42	
05 15 16 00-0129	LF		3/4" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	6.13	0.41
			<i>For &lt;100, Add</i>	1.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.31	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.46	
			<i>For &gt;2,000, Deduct</i>	-0.61	
05 15 16 00-0130	LF		7/8" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	7.96	0.55
			<i>For &lt;100, Add</i>	2.40	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.40	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.60	
			<i>For &gt;2,000, Deduct</i>	-0.80	
05 15 16 00-0131	LF		1" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	9.92	0.76
			<i>For &lt;100, Add</i>	2.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.50	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.74	
			<i>For &gt;2,000, Deduct</i>	-0.99	
05 15 16 00-0132	LF		1-1/8" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	12.12	0.97
			<i>For &lt;100, Add</i>	3.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.61	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.91	
			<i>For &gt;2,000, Deduct</i>	-1.21	
05 15 16 00-0133	LF		1-1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	14.61	1.18
			<i>For &lt;100, Add</i>	4.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.73	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.10	
			<i>For &gt;2,000, Deduct</i>	-1.46	
05 15 16 00-0134	LF		1-3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	17.31	1.45
			<i>For &lt;100, Add</i>	5.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.87	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.30	
			<i>For &gt;2,000, Deduct</i>	-1.73	
05 15 16 00-0135	LF		1-1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS.....	20.07	1.73
			<i>For &lt;100, Add</i>	5.89	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.00	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.51	
			<i>For &gt;2,000, Deduct</i>	-2.01	
05 15 16 00-0136			<b>8x19 Class Bright, Rotation Resistant, XIPS, IWRC</b> <small>(05 15 16)</small>		
05 15 16 00-0137	LF		3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	2.47	0.14
			<i>For &lt;100, Add</i>	0.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.12	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.19	
			<i>For &gt;2,000, Deduct</i>	-0.25	
05 15 16 00-0138	LF		7/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	2.88	0.14
			<i>For &lt;100, Add</i>	0.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.14	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.22	
			<i>For &gt;2,000, Deduct</i>	-0.29	
05 15 16 00-0139	LF		1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	3.31	0.21
			<i>For &lt;100, Add</i>	1.03	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.17	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.25	
			<i>For &gt;2,000, Deduct</i>	-0.33	
05 15 16 00-0140	LF		9/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	3.86	0.27
			<i>For &lt;100, Add</i>	1.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.29	
			<i>For &gt;2,000, Deduct</i>	-0.39	
05 15 16 00-0141	LF		5/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	4.49	0.27
			<i>For &lt;100, Add</i>	1.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.34	
			<i>For &gt;2,000, Deduct</i>	-0.45	
05 15 16 00-0142	LF		3/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	6.35	0.48
			<i>For &lt;100, Add</i>	1.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.32	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.48	
			<i>For &gt;2,000, Deduct</i>	-0.64	
05 15 16 00-0143	LF		7/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright.....	8.37	0.55
			<i>For &lt;100, Add</i>	2.53	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.42	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.63	
			<i>For &gt;2,000, Deduct</i>	-0.84	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0144	LF		1" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright .....	10.49	0.76
			For <100, Add	3.15	
			For >500 To 1,000, Deduct	-0.52	
			For >1,000 To 2,000, Deduct	-0.79	
			For >2,000, Deduct	-1.05	
05 15 16 00-0145	LF		1-1/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright .....	12.78	0.97
			For <100, Add	3.81	
			For >500 To 1,000, Deduct	-0.64	
			For >1,000 To 2,000, Deduct	-0.96	
			For >2,000, Deduct	-1.28	
05 15 16 00-0146	LF		1-1/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright .....	15.24	1.18
			For <100, Add	4.52	
			For >500 To 1,000, Deduct	-0.76	
			For >1,000 To 2,000, Deduct	-1.14	
			For >2,000, Deduct	-1.52	
05 15 16 00-0147	LF		1-3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright .....	18.40	1.52
			For <100, Add	5.45	
			For >500 To 1,000, Deduct	-0.92	
			For >1,000 To 2,000, Deduct	-1.38	
			For >2,000, Deduct	-1.84	
05 15 16 00-0148	LF		1-1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright .....	21.97	1.79
			For <100, Add	6.49	
			For >500 To 1,000, Deduct	-1.10	
			For >1,000 To 2,000, Deduct	-1.65	
			For >2,000, Deduct	-2.20	
<b>05 15 16 00-0149 Heavy Duty Galvanized Wire Rope Thimbles (05 15 16)</b>					
05 15 16 00-0150	EA		1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	7.75	2.08
05 15 16 00-0151	EA		5/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	8.29	2.08
05 15 16 00-0152	EA		3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	8.90	2.08
05 15 16 00-0153	EA		7/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	10.40	2.08
05 15 16 00-0154	EA		1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	10.49	2.08
05 15 16 00-0155	EA		9/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	10.49	2.08
05 15 16 00-0156	EA		5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	11.00	2.08
05 15 16 00-0157	EA		3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	19.10	3.19
05 15 16 00-0158	EA		7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	22.75	3.87
05 15 16 00-0159	EA		1" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	39.35	6.36
05 15 16 00-0160	EA		1-1/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	55.68	8.65
05 15 16 00-0161	EA		1-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	58.01	8.65
05 15 16 00-0162	EA		1-3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	115.79	18.06
05 15 16 00-0163	EA		1-1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	165.86	25.94
05 15 16 00-0164	EA		1-5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	251.03	29.05
05 15 16 00-0165	EA		1-3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	295.68	34.59
05 15 16 00-0166	EA		1-7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	389.90	43.58
05 15 16 00-0167	EA		2" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	408.79	43.58
05 15 16 00-0168	EA		2-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles .....	581.99	69.19
<b>05 15 16 00-0169 Galvanized Wire Rope Clips (05 15 16)</b>					
05 15 16 00-0170	EA		1/8" Diameter Galvanized Wire Rope Clips .....	9.50	2.08
05 15 16 00-0171	EA		3/16" Diameter Galvanized Wire Rope Clips .....	9.70	2.08
05 15 16 00-0172	EA		1/4" Diameter Galvanized Wire Rope Clips .....	10.84	2.08
05 15 16 00-0173	EA		5/16" Diameter Galvanized Wire Rope Clips .....	10.97	2.08
05 15 16 00-0174	EA		3/8" Diameter Galvanized Wire Rope Clips .....	11.26	2.08
05 15 16 00-0175	EA		7/16" Diameter Galvanized Wire Rope Clips .....	13.81	2.08
05 15 16 00-0176	EA		1/2" Diameter Galvanized Wire Rope Clips .....	13.81	2.08
05 15 16 00-0177	EA		9/16" Diameter Galvanized Wire Rope Clips .....	15.91	2.08
05 15 16 00-0178	EA		5/8" Diameter Galvanized Wire Rope Clips .....	15.91	2.08
05 15 16 00-0179	EA		3/4" Diameter Galvanized Wire Rope Clips .....	22.04	2.76
05 15 16 00-0180	EA		7/8" Diameter Galvanized Wire Rope Clips .....	33.18	4.15
05 15 16 00-0181	EA		1" Diameter Galvanized Wire Rope Clips .....	36.09	4.15
05 15 16 00-0182	EA		1-1/8" Diameter Galvanized Wire Rope Clips .....	42.96	5.53
05 15 16 00-0183	EA		1-1/4" Diameter Galvanized Wire Rope Clips .....	63.00	8.31
05 15 16 00-0184	EA		1-3/8" Diameter Galvanized Wire Rope Clips .....	76.74	8.99
05 15 16 00-0185	EA		1-1/2" Diameter Galvanized Wire Rope Clips .....	83.50	10.37
05 15 16 00-0186	EA		1-5/8" Diameter Galvanized Wire Rope Clips .....	124.75	13.15
05 15 16 00-0187	EA		1-3/4" Diameter Galvanized Wire Rope Clips .....	165.92	17.30
05 15 16 00-0188	EA		2" Diameter Galvanized Wire Rope Clips .....	200.36	22.83
05 15 16 00-0189	EA		2-1/4" Diameter Galvanized Wire Rope Clips .....	270.05	29.05
05 15 16 00-0190	EA		2-1/2" Diameter Galvanized Wire Rope Clips .....	300.97	31.83
05 15 16 00-0191	EA		2-3/4" Diameter Galvanized Wire Rope Clips .....	434.60	38.74
05 15 16 00-0192	EA		3" Diameter Galvanized Wire Rope Clips .....	576.73	57.42
<b>05 15 16 00-0193 Open Swage Sockets (05 15 16)</b>					
05 15 16 00-0194	EA		1/4" Diameter Open Swage Sockets .....	48.97	2.08
05 15 16 00-0195	EA		5/16" Diameter Open Swage Sockets .....	60.10	2.08
05 15 16 00-0196	EA		3/8" Diameter Open Swage Sockets .....	62.85	2.76
05 15 16 00-0197	EA		7/16" Diameter Open Swage Sockets .....	75.51	3.46
05 15 16 00-0198	EA		1/2" Diameter Open Swage Sockets .....	75.51	3.46
05 15 16 00-0199	EA		9/16" Diameter Open Swage Sockets .....	114.46	7.61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0200	EA		5/8" Diameter Open Swage Sockets.....	114.46	7.61
05 15 16 00-0201	EA		3/4" Diameter Open Swage Sockets.....	152.50	14.53
05 15 16 00-0202	EA		7/8" Diameter Open Swage Sockets.....	206.55	20.76
05 15 16 00-0203	EA		1" Diameter Open Swage Sockets.....	294.14	31.83
05 15 16 00-0204	EA		1-1/8" Diameter Open Swage Sockets.....	399.14	49.81
05 15 16 00-0205	EA		1-1/4" Diameter Open Swage Sockets.....	465.42	57.42
05 15 16 00-0206	EA		1-3/8" Diameter Open Swage Sockets.....	623.77	76.10
05 15 16 00-0207	EA		1-1/2" Diameter Open Swage Sockets.....	909.57	96.86
05 15 16 00-0208	EA		1-3/4" Diameter Open Swage Sockets.....	1,374.64	117.61
05 15 16 00-0209	EA		2" Diameter Open Swage Sockets.....	2,303.16	228.30
<b>05 15 16 00-0210</b>			<b>Closed Swage Sockets (05 15 16)</b>		
05 15 16 00-0211	EA		1/4" Diameter Closed Swage Sockets.....	31.45	2.08
05 15 16 00-0212	EA		5/16" Diameter Closed Swage Sockets.....	41.73	2.08
05 15 16 00-0213	EA		3/8" Diameter Closed Swage Sockets.....	49.48	2.08
05 15 16 00-0214	EA		7/16" Diameter Closed Swage Sockets.....	52.44	2.76
05 15 16 00-0215	EA		1/2" Diameter Closed Swage Sockets.....	57.90	2.76
05 15 16 00-0216	EA		9/16" Diameter Closed Swage Sockets.....	74.65	4.84
05 15 16 00-0217	EA		5/8" Diameter Closed Swage Sockets.....	77.95	5.53
05 15 16 00-0218	EA		3/4" Diameter Closed Swage Sockets.....	98.81	8.99
05 15 16 00-0219	EA		7/8" Diameter Closed Swage Sockets.....	130.14	13.15
05 15 16 00-0220	EA		1" Diameter Closed Swage Sockets.....	186.28	17.98
05 15 16 00-0221	EA		1-1/8" Diameter Closed Swage Sockets.....	233.64	24.91
05 15 16 00-0222	EA		1-1/4" Diameter Closed Swage Sockets.....	323.50	38.74
05 15 16 00-0223	EA		1-3/8" Diameter Closed Swage Sockets.....	424.72	49.81
05 15 16 00-0224	EA		1-1/2" Diameter Closed Swage Sockets.....	584.58	69.19
05 15 16 00-0225	EA		1-3/4" Diameter Closed Swage Sockets.....	800.29	89.93
05 15 16 00-0226	EA		2" Diameter Closed Swage Sockets.....	1,438.70	138.36
<b>05 15 16 00-0227</b>			<b>Open Spelter Sockets Galvanized (05 15 16)</b>		
05 15 16 00-0228	EA		1/4" Open Spelter Sockets, Galvanized.....	46.30	2.08
05 15 16 00-0229	EA		5/16" Open Spelter Sockets, Galvanized.....	48.59	2.08
05 15 16 00-0230	EA		3/8" Open Spelter Sockets, Galvanized.....	52.95	2.08
05 15 16 00-0231	EA		7/16" Open Spelter Sockets, Galvanized.....	57.38	4.15
05 15 16 00-0232	EA		1/2" Open Spelter Sockets, Galvanized.....	61.98	4.15
05 15 16 00-0233	EA		9/16" Open Spelter Sockets, Galvanized.....	79.12	6.92
05 15 16 00-0234	EA		5/8" Open Spelter Sockets, Galvanized.....	84.76	6.92
05 15 16 00-0235	EA		3/4" Open Spelter Sockets, Galvanized.....	104.25	10.37
05 15 16 00-0236	EA		7/8" Open Spelter Sockets, Galvanized.....	159.31	17.30
05 15 16 00-0237	EA		1" Open Spelter Sockets, Galvanized.....	278.19	26.98
05 15 16 00-0238	EA		1-1/8" Open Spelter Sockets, Galvanized.....	354.03	43.58
05 15 16 00-0239	EA		1-1/4" Open Spelter Sockets, Galvanized.....	475.95	57.42
05 15 16 00-0240	EA		1-3/8" Open Spelter Sockets, Galvanized.....	503.02	57.42
05 15 16 00-0241	EA		1-1/2" Open Spelter Sockets, Galvanized.....	829.25	76.10
05 15 16 00-0242	EA		1-5/8" Open Spelter Sockets, Galvanized.....	982.54	96.86
05 15 16 00-0243	EA		1-3/4" Open Spelter Sockets, Galvanized.....	1,486.50	152.20
05 15 16 00-0244	EA		1-7/8" Open Spelter Sockets, Galvanized.....	1,583.66	152.20
05 15 16 00-0245	EA		2" Open Spelter Sockets, Galvanized.....	1,944.74	228.30
05 15 16 00-0246	EA		2-1/8" Open Spelter Sockets, Galvanized.....	2,056.53	228.30
05 15 16 00-0247	EA		2-1/2" Open Spelter Sockets, Galvanized.....	2,536.84	290.57
05 15 16 00-0248	EA		2-3/8" Open Spelter Sockets, Galvanized.....	2,689.16	290.57
<b>05 15 16 00-0249</b>			<b>Closed Spelter Sockets Galvanized (05 15 16)</b>		
05 15 16 00-0250	EA		1/4" Closed Spelter Sockets, Galvanized.....	39.35	2.08
05 15 16 00-0251	EA		5/16" Closed Spelter Sockets, Galvanized.....	39.75	2.08
05 15 16 00-0252	EA		3/8" Closed Spelter Sockets, Galvanized.....	43.33	2.08
05 15 16 00-0253	EA		7/16" Closed Spelter Sockets, Galvanized.....	47.05	3.46
05 15 16 00-0254	EA		1/2" Closed Spelter Sockets, Galvanized.....	50.83	3.46
05 15 16 00-0255	EA		9/16" Closed Spelter Sockets, Galvanized.....	69.41	6.23
05 15 16 00-0256	EA		5/8" Closed Spelter Sockets, Galvanized.....	74.45	6.23
05 15 16 00-0257	EA		3/4" Closed Spelter Sockets, Galvanized.....	88.84	8.99
05 15 16 00-0258	EA		7/8" Closed Spelter Sockets, Galvanized.....	131.16	13.84
05 15 16 00-0259	EA		1" Closed Spelter Sockets, Galvanized.....	199.20	21.44
05 15 16 00-0260	EA		1-1/8" Closed Spelter Sockets, Galvanized.....	279.37	29.05
05 15 16 00-0261	EA		1-1/4" Closed Spelter Sockets, Galvanized.....	334.16	38.74
05 15 16 00-0262	EA		1-3/8" Closed Spelter Sockets, Galvanized.....	354.16	38.74
05 15 16 00-0263	EA		1-1/2" Closed Spelter Sockets, Galvanized.....	585.32	49.81
05 15 16 00-0264	EA		1-5/8" Closed Spelter Sockets, Galvanized.....	689.94	62.96
05 15 16 00-0265	EA		1-3/4" Closed Spelter Sockets, Galvanized.....	899.13	96.86
05 15 16 00-0266	EA		1-7/8" Closed Spelter Sockets, Galvanized.....	955.38	96.86
05 15 16 00-0267	EA		2" Closed Spelter Sockets, Galvanized.....	1,175.01	138.36
05 15 16 00-0268	EA		2-1/8" Closed Spelter Sockets, Galvanized.....	1,243.51	138.36
05 15 16 00-0269	EA		2-1/2" Closed Spelter Sockets, Galvanized.....	1,514.88	186.79
05 15 16 00-0270	EA		2-3/8" Closed Spelter Sockets, Galvanized.....	1,869.85	186.79
<b>05 15 16 00-0271</b>			<b>Jaw And Jaw, Forged Steel Turnbuckles (05 15 16)</b>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0272 EA 1/4" x 4", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	15.52 -1.29	2.08
05 15 16 00-0273 EA 5/16" x 4-1/2", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	17.05 -1.52	2.08
05 15 16 00-0274 EA 3/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	22.91 -2.40	2.08
05 15 16 00-0275 EA 1/2" x 6", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	30.80 -2.88	2.76
05 15 16 00-0276 EA 1/2" x 9", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	34.86 -3.07	3.46
05 15 16 00-0277 EA 1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	46.65 -4.50	4.15
05 15 16 00-0278 EA 5/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	53.95 -4.90	5.53
05 15 16 00-0279 EA 5/8" x 9", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	66.93 -6.58	5.53
05 15 16 00-0280 EA 5/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	63.64 -5.84	6.23
05 15 16 00-0281 EA 3/4" x 6", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	69.27 -5.97	7.61
05 15 16 00-0282 EA 3/4" x 9", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	81.60 -6.78	8.99
05 15 16 00-0283 EA 3/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	88.12 -7.29	9.69
05 15 16 00-0284 EA 3/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	110.79 -9.46	11.76
05 15 16 00-0285 EA 7/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	169.37 -15.52	16.60
05 15 16 00-0286 EA 7/8" x 18", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	198.97 -18.32	19.38
05 15 16 00-0287 EA 1" x 6", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	178.21 -16.85	16.60
05 15 16 00-0288 EA 1" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	202.03 -17.33	21.44
05 15 16 00-0289 EA 1" x 18", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	250.52 -21.61	26.98
05 15 16 00-0290 EA 1" x 24", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	408.85 -42.46	31.83
05 15 16 00-0291 EA 1-1/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	350.71 -29.55	38.74
05 15 16 00-0292 EA 1-1/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	414.20 -36.19	43.58
05 15 16 00-0293 EA 1-1/4" x 24", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	539.04 -51.21	49.81
05 15 16 00-0294 EA 1-1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	567.33 -53.17	53.27
05 15 16 00-0295 EA 1-1/2" x 18", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	652.98 -56.44	69.19
05 15 16 00-0296 EA 1-1/2" x 24", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	882.77 -80.53	89.93
05 15 16 00-0297 EA 2" x 24", Jaw And Jaw, Forged Steel Turnbuckle ..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	1,791.71 -164.99	172.95
<b>05 15 16 00-0298 Drop Forged Shoulder Eye Bolts (05 15 16)</b>		
05 15 16 00-0299 EA 1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	8.09	
05 15 16 00-0300 EA 5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	8.39	
05 15 16 00-0301 EA 3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	8.53	
05 15 16 00-0302 EA 7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	11.73	
05 15 16 00-0303 EA 1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	11.88	
05 15 16 00-0304 EA 5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	15.06	
05 15 16 00-0305 EA 3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	17.96	
05 15 16 00-0306 EA 7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	23.91	
05 15 16 00-0307 EA 1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	31.32	
05 15 16 00-0308 EA 1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	47.49	
05 15 16 00-0309 EA 1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	61.62	
05 15 16 00-0310 EA 1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	103.51	
05 15 16 00-0311 EA 1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	143.17	
05 15 16 00-0312 EA 2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	193.14	
<b>05 15 16 00-0313 Drop Forged Eye Bolts (05 15 16)</b>		
05 15 16 00-0314 EA 1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	12.69	
05 15 16 00-0315 EA 1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.06	
05 15 16 00-0316 EA 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	11.58	
05 15 16 00-0317 EA 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.66	
05 15 16 00-0318 EA 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	12.95	
05 15 16 00-0319 EA 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	13.19	
05 15 16 00-0320 EA 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.39	
05 15 16 00-0321 EA 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	15.31	
05 15 16 00-0322 EA 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	15.93	
05 15 16 00-0323 EA 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	16.45	
05 15 16 00-0324 EA 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	11.94	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

05 15 16 00-0325	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	15.42	
05 15 16 00-0326	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	15.85	
05 15 16 00-0327	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	16.94	
05 15 16 00-0328	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	17.43	
05 15 16 00-0329	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	17.72	
05 15 16 00-0330	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	18.21	
05 15 16 00-0331	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	18.75	
05 15 16 00-0332	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	19.54	
05 15 16 00-0333	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	19.83	
05 15 16 00-0334	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	24.18	
05 15 16 00-0335	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	24.66	
05 15 16 00-0336	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	25.48	
05 15 16 00-0337	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	29.39	
05 15 16 00-0338	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	33.20	
05 15 16 00-0339	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	24.26	
05 15 16 00-0340	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	24.75	
05 15 16 00-0341	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	27.36	
05 15 16 00-0342	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	29.51	
05 15 16 00-0343	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	34.49	
05 15 16 00-0344	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	45.69	

**05 15 19 Stainless-Steel Wire Rope Assemblies (05 15)****05 15 19 00-0001 7x7 Class 304 Stainless Steel (05 15 19)**

05 15 19 00-0002	LF	3/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.31	0.05
		<i>For &lt;100, Add</i>	0.09	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.02	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.02	
		<i>For &gt;2,000, Deduct</i>	-0.03	
		<i>For 316 Stainless Steel, Add</i>	0.07	
05 15 19 00-0003	LF	1/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.36	0.05
		<i>For &lt;100, Add</i>	0.11	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.02	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.03	
		<i>For &gt;2,000, Deduct</i>	-0.04	
		<i>For 316 Stainless Steel, Add</i>	0.09	
05 15 19 00-0004	LF	5/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.44	0.05
		<i>For &lt;100, Add</i>	0.13	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.02	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.03	
		<i>For &gt;2,000, Deduct</i>	-0.04	
		<i>For 316 Stainless Steel, Add</i>	0.11	
05 15 19 00-0005	LF	3/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.52	0.05
		<i>For &lt;100, Add</i>	0.16	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.03	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.04	
		<i>For &gt;2,000, Deduct</i>	-0.05	
		<i>For 316 Stainless Steel, Add</i>	0.14	
05 15 19 00-0006	LF	1/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.67	0.06
		<i>For &lt;100, Add</i>	0.21	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.03	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.05	
		<i>For &gt;2,000, Deduct</i>	-0.07	
		<i>For 316 Stainless Steel, Add</i>	0.18	
05 15 19 00-0007	LF	5/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.07	0.07
		<i>For &lt;100, Add</i>	0.34	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.05	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.08	
		<i>For &gt;2,000, Deduct</i>	-0.11	
		<i>For 316 Stainless Steel, Add</i>	0.31	
05 15 19 00-0008	LF	3/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.21	0.07
		<i>For &lt;100, Add</i>	0.39	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.06	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.09	
		<i>For &gt;2,000, Deduct</i>	-0.12	
		<i>For 316 Stainless Steel, Add</i>	0.35	
05 15 19 00-0009	LF	1/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.67	0.07
		<i>For &lt;100, Add</i>	0.55	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.08	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.13	
		<i>For &gt;2,000, Deduct</i>	-0.17	
		<i>For 316 Stainless Steel, Add</i>	0.51	
05 15 19 00-0010	LF	5/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	2.10	0.07
		<i>For &lt;100, Add</i>	0.69	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.11	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.16	
		<i>For &gt;2,000, Deduct</i>	-0.21	
		<i>For 316 Stainless Steel, Add</i>	0.64	
05 15 19 00-0011	LF	3/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	2.63	0.07
		<i>For &lt;100, Add</i>	0.86	
		<i>For &gt;500 To 1,000, Deduct</i>	-0.13	
		<i>For &gt;1,000 To 2,000, Deduct</i>	-0.20	
		<i>For &gt;2,000, Deduct</i>	-0.26	
		<i>For 316 Stainless Steel, Add</i>	0.80	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Wire Rope Assemblies	05 15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0012	LF		7/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	3.20	0.14
			<i>For &lt;100, Add</i>	1.04	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.16	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.24	
			<i>For &gt;2,000, Deduct</i>	-0.32	
			<i>For 316 Stainless Steel, Add</i>	0.95	
05 15 19 00-0013	LF		1/2" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	3.71	0.14
			<i>For &lt;100, Add</i>	1.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.28	
			<i>For &gt;2,000, Deduct</i>	-0.37	
			<i>For 316 Stainless Steel, Add</i>	1.08	
05 15 19 00-0014	LF		9/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	4.44	0.21
			<i>For &lt;100, Add</i>	1.42	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.33	
			<i>For &gt;2,000, Deduct</i>	-0.44	
			<i>For 316 Stainless Steel, Add</i>	1.28	
05 15 19 00-0015	LF		5/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	5.05	0.27
			<i>For &lt;100, Add</i>	1.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.25	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.38	
			<i>For &gt;2,000, Deduct</i>	-0.51	
			<i>For 316 Stainless Steel, Add</i>	1.44	
05 15 19 00-0016	LF		3/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	6.69	0.34
			<i>For &lt;100, Add</i>	2.11	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.33	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.50	
			<i>For &gt;2,000, Deduct</i>	-0.67	
			<i>For 316 Stainless Steel, Add</i>	1.88	
<b>05 15 19 00-0017</b>			<b>7x19 Class 304 Stainless Steel</b> <small>(05 15 19)</small>		
05 15 19 00-0018	LF		1/4" Diameter 7x19 Class 304 Stainless Steel Wire Rope.....	2.76	0.07
			<i>For &lt;100, Add</i>	0.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.14	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.21	
			<i>For &gt;2,000, Deduct</i>	-0.28	
			<i>For 316 Stainless Steel, Add</i>	0.88	
05 15 19 00-0019	LF		5/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	3.18	0.07
			<i>For &lt;100, Add</i>	1.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.16	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.24	
			<i>For &gt;2,000, Deduct</i>	-0.32	
			<i>For 316 Stainless Steel, Add</i>	1.00	
05 15 19 00-0020	LF		3/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	3.74	0.14
			<i>For &lt;100, Add</i>	1.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.28	
			<i>For &gt;2,000, Deduct</i>	-0.37	
			<i>For 316 Stainless Steel, Add</i>	1.15	
05 15 19 00-0021	LF		7/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	4.32	0.14
			<i>For &lt;100, Add</i>	1.42	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.32	
			<i>For &gt;2,000, Deduct</i>	-0.43	
			<i>For 316 Stainless Steel, Add</i>	1.31	
05 15 19 00-0022	LF		1/2" Diameter 7x19 Class Stainless Steel Wire Rope.....	4.93	0.21
			<i>For &lt;100, Add</i>	1.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.25	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.37	
			<i>For &gt;2,000, Deduct</i>	-0.49	
			<i>For 316 Stainless Steel, Add</i>	1.46	
05 15 19 00-0023	LF		9/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	5.77	0.27
			<i>For &lt;100, Add</i>	1.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.29	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.43	
			<i>For &gt;2,000, Deduct</i>	-0.58	
			<i>For 316 Stainless Steel, Add</i>	1.68	
05 15 19 00-0024	LF		5/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	6.54	0.27
			<i>For &lt;100, Add</i>	2.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.33	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.49	
			<i>For &gt;2,000, Deduct</i>	-0.65	
			<i>For 316 Stainless Steel, Add</i>	1.88	
05 15 19 00-0025	LF		3/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	9.19	0.48
			<i>For &lt;100, Add</i>	2.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.46	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.69	
			<i>For &gt;2,000, Deduct</i>	-0.92	
			<i>For 316 Stainless Steel, Add</i>	2.63	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0026	LF		7/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	12.07	0.55
			<i>For &lt;100, Add</i>	3.83	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.60	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.91	
			<i>For &gt;2,000, Deduct</i>	-1.21	
			<i>For 316 Stainless Steel, Add</i>	3.43	
05 15 19 00-0027	LF		1" Diameter 7x19 Class Stainless Steel Wire Rope.....	15.04	0.76
			<i>For &lt;100, Add</i>	4.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.75	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.13	
			<i>For &gt;2,000, Deduct</i>	-1.50	
			<i>For 316 Stainless Steel, Add</i>	4.23	
05 15 19 00-0028	LF		1-1/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	18.59	0.97
			<i>For &lt;100, Add</i>	5.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.93	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.39	
			<i>For &gt;2,000, Deduct</i>	-1.86	
			<i>For 316 Stainless Steel, Add</i>	5.22	
05 15 19 00-0029	LF		1-1/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	22.04	1.18
			<i>For &lt;100, Add</i>	6.92	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.10	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.65	
			<i>For &gt;2,000, Deduct</i>	-2.20	
			<i>For 316 Stainless Steel, Add</i>	6.15	
05 15 19 00-0030	LF		1-3/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	26.66	1.45
			<i>For &lt;100, Add</i>	8.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.33	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.00	
			<i>For &gt;2,000, Deduct</i>	-2.67	
			<i>For 316 Stainless Steel, Add</i>	7.41	
05 15 19 00-0031	LF		1-1/2" Diameter 7x19 Class Stainless Steel Wire Rope.....	31.60	1.73
			<i>For &lt;100, Add</i>	9.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.58	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.37	
			<i>For &gt;2,000, Deduct</i>	-3.16	
			<i>For 316 Stainless Steel, Add</i>	8.78	
05 15 19 00-0032	LF		1-5/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	37.78	2.01
			<i>For &lt;100, Add</i>	11.87	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.89	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.83	
			<i>For &gt;2,000, Deduct</i>	-3.78	
			<i>For 316 Stainless Steel, Add</i>	10.55	
05 15 19 00-0033	LF		1-3/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	47.21	3.27
			<i>For &lt;100, Add</i>	14.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.36	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-3.54	
			<i>For &gt;2,000, Deduct</i>	-4.72	
			<i>For 316 Stainless Steel, Add</i>	12.39	
05 15 19 00-0034	LF		1-7/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	54.28	3.70
			<i>For &lt;100, Add</i>	16.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.71	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-4.07	
			<i>For &gt;2,000, Deduct</i>	-5.43	
			<i>For 316 Stainless Steel, Add</i>	14.25	
05 15 19 00-0035	LF		2" Diameter 7x19 Class Stainless Steel Wire Rope.....	62.32	4.27
			<i>For &lt;100, Add</i>	18.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.12	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-4.67	
			<i>For &gt;2,000, Deduct</i>	-6.23	
			<i>For 316 Stainless Steel, Add</i>	16.35	
05 15 19 00-0036	LF		2-1/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	70.54	4.77
			<i>For &lt;100, Add</i>	21.53	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.53	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-5.29	
			<i>For &gt;2,000, Deduct</i>	-7.05	
			<i>For 316 Stainless Steel, Add</i>	18.60	
05 15 19 00-0037	LF		2-1/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	80.18	5.33
			<i>For &lt;100, Add</i>	24.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.01	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-6.01	
			<i>For &gt;2,000, Deduct</i>	-8.02	
			<i>For 316 Stainless Steel, Add</i>	21.21	

**05 20 Metal Joists** <sup>(05)</sup>

Note: Includes all connecting bolts and welds.

**05 21 Steel Joist Framing** <sup>(05 20)</sup>**05 21 19 Open Web Steel Joist Framing** <sup>(05 21)</sup>**05 21 19 00-0001 Open Web Joists** <sup>(05 21 19)</sup>

05 21 19 00-0002	TON	H, J Or K	Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,001.73	107.03
			<i>For Welded Cross Bridging, Add</i>	133.79	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	186.69	





	<b>Metals</b>	<b>05</b>	
	<b>Metal Joists</b>	<b>05 20</b>	<b>05</b>
	<b>Steel Joist Framing</b>	<b>05 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 21	19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging .....	1,841.04	100.34
			<i>For Welded Cross Bridging, Add</i>	118.92	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	173.36	
05 21	19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,242.52	100.34
			<i>For Welded Cross Bridging, Add</i>	123.50	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	219.70	
05 21	19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging .....	2,568.01	100.34
			<i>For Welded Cross Bridging, Add</i>	123.50	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	258.76	
05 21	19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging .....	2,236.14	100.34
			<i>For Welded Cross Bridging, Add</i>	133.79	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	214.82	
05 21	19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....	2,852.81	100.34
			<i>For Welded Cross Bridging, Add</i>	123.50	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	292.94	

### 05 30 Metal Decking <sup>(05)</sup>

Note: Includes all connecting bolts and welds.

### 05 31 Steel Decking <sup>(05 30)</sup>

See CSI section 03 30 00 00-0000 for concrete where required, 07 22 16 00-0001 for roof insulation.

#### 05 31 00 00-0001 Open Ribbed Galvanized Steel Form Deck <sup>(05 31)</sup>

05 31 00 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.56
		<i>For Painted, Deduct</i>	-0.05
		<i>For Perforated Or Slotted, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.69
		<i>For &gt;100 To 500, Add</i>	0.33
		<i>For &gt;500 To 1,500, Add</i>	0.15
05 31 00 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.66
		<i>For Painted, Deduct</i>	-0.05
		<i>For Perforated Or Slotted, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.72
		<i>For &gt;100 To 500, Add</i>	0.35
		<i>For &gt;500 To 1,500, Add</i>	0.16
05 31 00 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.83
		<i>For Painted, Deduct</i>	-0.06
		<i>For Perforated Or Slotted, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.82
		<i>For &gt;100 To 500, Add</i>	0.40
		<i>For &gt;500 To 1,500, Add</i>	0.18
05 31 00 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.99
		<i>For Painted, Deduct</i>	-0.06
		<i>For Perforated Or Slotted, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.93
		<i>For &gt;100 To 500, Add</i>	0.44
		<i>For &gt;500 To 1,500, Add</i>	0.20
05 31 00 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.86
		<i>For Painted, Deduct</i>	-0.06
		<i>For Perforated Or Slotted, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.74
		<i>For &gt;100 To 500, Add</i>	0.37
		<i>For &gt;500 To 1,500, Add</i>	0.16
05 31 00 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.95
		<i>For Painted, Deduct</i>	-0.07
		<i>For Perforated Or Slotted, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.78
		<i>For &gt;100 To 500, Add</i>	0.39
		<i>For &gt;500 To 1,500, Add</i>	0.16
05 31 00 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.06
		<i>For Painted, Deduct</i>	-0.07
		<i>For Perforated Or Slotted, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.85
		<i>For &gt;100 To 500, Add</i>	0.42
		<i>For &gt;500 To 1,500, Add</i>	0.18
05 31 00 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.21
		<i>For Painted, Deduct</i>	-0.07
		<i>For Perforated Or Slotted, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.95
		<i>For &gt;100 To 500, Add</i>	0.46
		<i>For &gt;500 To 1,500, Add</i>	0.20
05 31 00 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.32
		<i>For Painted, Deduct</i>	-0.07
		<i>For Perforated Or Slotted, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.99
		<i>For &gt;100 To 500, Add</i>	0.48
		<i>For &gt;500 To 1,500, Add</i>	0.21
05 31 00 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.52
		<i>For Painted, Deduct</i>	-0.08
		<i>For Perforated Or Slotted, Add</i>	0.08
		<i>For Up To 100, Add</i>	1.04
		<i>For &gt;100 To 500, Add</i>	0.51
		<i>For &gt;500 To 1,500, Add</i>	0.22

05	<b>05 Metals</b>
	05 30 Metal Decking
	05 31 Steel Decking



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0012 SF 1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.89	
<i>For Painted, Deduct</i>	-0.10	
<i>For Perforated Or Slotted, Add</i>	0.10	
<i>For Up To 100, Add</i>	1.14	
<i>For &gt;100 To 500, Add</i>	0.57	
<i>For &gt;500 To 1,500, Add</i>	0.24	
05 31 00 00-0013 SF 1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.21	
<i>For Painted, Deduct</i>	-0.11	
<i>For Perforated Or Slotted, Add</i>	0.11	
<i>For Up To 100, Add</i>	1.28	
<i>For &gt;100 To 500, Add</i>	0.64	
<i>For &gt;500 To 1,500, Add</i>	0.27	
<b>05 31 00 00-0014 Open Ribbed Galvanized Steel Deck <small>(05 31)</small></b>		
05 31 00 00-0015 SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	2.06	
<i>For Painted, Deduct</i>	-0.06	
<i>For Perforated Or Slotted, Add</i>	0.06	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.57	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.44	
<i>For &gt;500 To 1,500, Add</i>	0.20	
05 31 00 00-0016 SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	2.37	
<i>For Painted, Deduct</i>	-0.07	
<i>For Perforated Or Slotted, Add</i>	0.07	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.66	
<i>For Up To 100, Add</i>	1.06	
<i>For &gt;100 To 500, Add</i>	0.51	
<i>For &gt;500 To 1,500, Add</i>	0.23	
05 31 00 00-0017 SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	2.94	
<i>For Painted, Deduct</i>	-0.09	
<i>For Perforated Or Slotted, Add</i>	0.09	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.82	
<i>For Up To 100, Add</i>	1.28	
<i>For &gt;100 To 500, Add</i>	0.62	
<i>For &gt;500 To 1,500, Add</i>	0.28	
05 31 00 00-0018 SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	2.27	
<i>For Painted, Deduct</i>	-0.07	
<i>For Perforated Or Slotted, Add</i>	0.07	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.63	
<i>For Up To 100, Add</i>	1.01	
<i>For &gt;100 To 500, Add</i>	0.49	
<i>For &gt;500 To 1,500, Add</i>	0.22	
05 31 00 00-0019 SF 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	2.62	
<i>For Painted, Deduct</i>	-0.08	
<i>For Perforated Or Slotted, Add</i>	0.08	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.73	
<i>For Up To 100, Add</i>	1.16	
<i>For &gt;100 To 500, Add</i>	0.56	
<i>For &gt;500 To 1,500, Add</i>	0.25	
05 31 00 00-0020 SF 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	3.28	
<i>For Painted, Deduct</i>	-0.10	
<i>For Perforated Or Slotted, Add</i>	0.10	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.91	
<i>For Up To 100, Add</i>	1.44	
<i>For &gt;100 To 500, Add</i>	0.70	
<i>For &gt;500 To 1,500, Add</i>	0.31	
05 31 00 00-0021 SF 3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	2.80	
<i>For Painted, Deduct</i>	-0.09	
<i>For Perforated Or Slotted, Add</i>	0.09	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.77	
<i>For Up To 100, Add</i>	1.15	
<i>For &gt;100 To 500, Add</i>	0.57	
<i>For &gt;500 To 1,500, Add</i>	0.24	
05 31 00 00-0022 SF 3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.25	
<i>For Painted, Deduct</i>	-0.11	
<i>For Perforated Or Slotted, Add</i>	0.11	
<i>For Site Installed Insulation Between Ribs, Add</i>	0.90	
<i>For Up To 100, Add</i>	1.32	
<i>For &gt;100 To 500, Add</i>	0.66	
<i>For &gt;500 To 1,500, Add</i>	0.28	
05 31 00 00-0023 SF 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.04	
<i>For Painted, Deduct</i>	-0.13	
<i>For Perforated Or Slotted, Add</i>	0.13	
<i>For Site Installed Insulation Between Ribs, Add</i>	1.11	
<i>For Up To 100, Add</i>	1.63	
<i>For &gt;100 To 500, Add</i>	0.81	
<i>For &gt;500 To 1,500, Add</i>	0.34	
05 31 00 00-0024 SF 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	5.05	
<i>For Painted, Deduct</i>	-0.17	
<i>For Perforated Or Slotted, Add</i>	0.17	
<i>For Site Installed Insulation Between Ribs, Add</i>	1.39	
<i>For Up To 100, Add</i>	1.99	
<i>For &gt;100 To 500, Add</i>	1.00	
<i>For &gt;500 To 1,500, Add</i>	0.41	



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Decking	05 30	
Steel Decking	05 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0025 SF 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	6.89	
For Painted, Deduct	-0.27	
For Perforated Or Slotted, Add	0.27	
For Site Installed Insulation Between Ribs, Add	1.84	
For Up To 100, Add	2.03	
For >100 To 500, Add	1.14	
For >500 To 1,500, Add	0.37	
05 31 00 00-0026 SF 4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	8.68	
For Painted, Deduct	-0.34	
For Perforated Or Slotted, Add	0.34	
For Site Installed Insulation Between Ribs, Add	2.31	
For Up To 100, Add	2.50	
For >100 To 500, Add	1.41	
For >500 To 1,500, Add	0.45	
05 31 00 00-0027 SF 6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	7.67	
For Painted, Deduct	-0.32	
For Perforated Or Slotted, Add	0.32	
For Site Installed Insulation Between Ribs, Add	2.02	
For Up To 100, Add	1.96	
For >100 To 500, Add	1.17	
For >500 To 1,500, Add	0.33	
05 31 00 00-0028 SF 6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	8.20	
For Painted, Deduct	-0.33	
For Perforated Or Slotted, Add	0.33	
For Site Installed Insulation Between Ribs, Add	2.18	
For Up To 100, Add	2.31	
For >100 To 500, Add	1.32	
For >500 To 1,500, Add	0.41	
05 31 00 00-0029 SF 6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	10.21	
For Painted, Deduct	-0.41	
For Perforated Or Slotted, Add	0.41	
For Site Installed Insulation Between Ribs, Add	2.70	
For Up To 100, Add	2.83	
For >100 To 500, Add	1.62	
For >500 To 1,500, Add	0.50	
05 31 00 00-0030 SF 7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	9.06	
For Painted, Deduct	-0.36	
For Perforated Or Slotted, Add	0.36	
For Site Installed Insulation Between Ribs, Add	2.40	
For Up To 100, Add	2.54	
For >100 To 500, Add	1.45	
For >500 To 1,500, Add	0.45	
05 31 00 00-0031 SF 7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	11.26	
For Painted, Deduct	-0.45	
For Perforated Or Slotted, Add	0.45	
For Site Installed Insulation Between Ribs, Add	2.98	
For Up To 100, Add	3.12	
For >100 To 500, Add	1.79	
For >500 To 1,500, Add	0.55	
05 31 00 00-0032 Cellular Galvanized Steel Deck <sup>(05 31)</sup>		
Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31 00 00-0033 SF 1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	6.11	
For Painted, Deduct	-0.24	
For Perforated Or Slotted, Add	0.24	
For Insulated Cells, Add	1.06	
For Site Installed Insulation Between Ribs, Add	1.63	
For Up To 100, Add	1.87	
For >100 To 500, Add	1.03	
For >500 To 1,500, Add	0.35	
05 31 00 00-0034 SF 1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	6.83	
For Painted, Deduct	-0.25	
For Perforated Or Slotted, Add	0.25	
For Insulated Cells, Add	1.12	
For Site Installed Insulation Between Ribs, Add	1.85	
For Up To 100, Add	2.34	
For >100 To 500, Add	1.24	
For >500 To 1,500, Add	0.46	
05 31 00 00-0035 SF 1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	7.34	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.32	
For Site Installed Insulation Between Ribs, Add	1.95	
For Up To 100, Add	2.05	
For >100 To 500, Add	1.17	
For >500 To 1,500, Add	0.37	
05 31 00 00-0036 SF 1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	8.17	
For Painted, Deduct	-0.31	
For Perforated Or Slotted, Add	0.31	
For Insulated Cells, Add	1.40	
For Site Installed Insulation Between Ribs, Add	2.19	
For Up To 100, Add	2.57	
For >100 To 500, Add	1.40	
For >500 To 1,500, Add	0.49	

<b>05</b>	<b>Metals</b>
<b>05 30</b>	<b>Metal Decking</b>
<b>05 31</b>	<b>Steel Decking</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0037	SF		3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	8.49	
			<i>For Painted, Deduct</i>	-0.34	
			<i>For Perforated Or Slotted, Add</i>	0.34	
			<i>For Insulated Cells, Add</i>	1.51	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.26	
			<i>For Up To 100, Add</i>	2.45	
			<i>For &gt;100 To 500, Add</i>	1.38	
			<i>For &gt;500 To 1,500, Add</i>	0.45	
05 31 00 00-0038	SF		3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	10.09	
			<i>For Painted, Deduct</i>	-0.40	
			<i>For Perforated Or Slotted, Add</i>	0.40	
			<i>For Insulated Cells, Add</i>	1.81	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.68	
			<i>For Up To 100, Add</i>	2.85	
			<i>For &gt;100 To 500, Add</i>	1.62	
			<i>For &gt;500 To 1,500, Add</i>	0.51	
05 31 00 00-0039	SF		3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	11.26	
			<i>For Painted, Deduct</i>	-0.45	
			<i>For Perforated Or Slotted, Add</i>	0.45	
			<i>For Insulated Cells, Add</i>	2.04	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.98	
			<i>For Up To 100, Add</i>	3.12	
			<i>For &gt;100 To 500, Add</i>	1.79	
			<i>For &gt;500 To 1,500, Add</i>	0.55	
05 31 00 00-0040	SF		3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	12.28	
			<i>For Painted, Deduct</i>	-0.49	
			<i>For Perforated Or Slotted, Add</i>	0.49	
			<i>For Insulated Cells, Add</i>	2.20	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.26	
			<i>For Up To 100, Add</i>	3.47	
			<i>For &gt;100 To 500, Add</i>	1.98	
			<i>For &gt;500 To 1,500, Add</i>	0.62	
05 31 00 00-0041	SF		4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	12.53	
			<i>For Painted, Deduct</i>	-0.54	
			<i>For Perforated Or Slotted, Add</i>	0.54	
			<i>For Insulated Cells, Add</i>	2.43	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.27	
			<i>For Up To 100, Add</i>	2.83	
			<i>For &gt;100 To 500, Add</i>	1.78	
			<i>For &gt;500 To 1,500, Add</i>	0.44	
05 31 00 00-0042	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	13.47	
			<i>For Painted, Deduct</i>	-0.57	
			<i>For Perforated Or Slotted, Add</i>	0.57	
			<i>For Insulated Cells, Add</i>	2.56	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.52	
			<i>For Up To 100, Add</i>	3.22	
			<i>For &gt;100 To 500, Add</i>	1.97	
			<i>For &gt;500 To 1,500, Add</i>	0.52	
05 31 00 00-0043	SF		4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	14.26	
			<i>For Painted, Deduct</i>	-0.60	
			<i>For Perforated Or Slotted, Add</i>	0.60	
			<i>For Insulated Cells, Add</i>	2.70	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.73	
			<i>For Up To 100, Add</i>	3.44	
			<i>For &gt;100 To 500, Add</i>	2.10	
			<i>For &gt;500 To 1,500, Add</i>	0.56	
05 31 00 00-0044	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	15.22	
			<i>For Painted, Deduct</i>	-0.64	
			<i>For Perforated Or Slotted, Add</i>	0.64	
			<i>For Insulated Cells, Add</i>	2.88	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.99	
			<i>For Up To 100, Add</i>	3.68	
			<i>For &gt;100 To 500, Add</i>	2.24	
			<i>For &gt;500 To 1,500, Add</i>	0.60	

### 05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

#### 05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF		1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.34	
			<i>For Painted, Deduct</i>	-0.08	
			<i>For Perforated Or Slotted, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.99	
			<i>For &gt;100 To 500, Add</i>	0.49	
			<i>For &gt;500 To 1,500, Add</i>	0.21	
05 36 00 00-0003	SF		1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.52	
			<i>For Painted, Deduct</i>	-0.08	
			<i>For Perforated Or Slotted, Add</i>	0.08	
			<i>For Up To 100, Add</i>	1.10	
			<i>For &gt;100 To 500, Add</i>	0.53	
			<i>For &gt;500 To 1,500, Add</i>	0.24	



<b>Metals</b>	<b>05</b>	<b>05</b>
<b>Metal Decking</b>	<b>05 30</b>	
<b>Composite Metal Decking</b>	<b>05 36</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0004 SF 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.84	
For Painted, Deduct	-0.08	
For Perforated Or Slotted, Add	0.08	
For Up To 100, Add	1.34	
For >100 To 500, Add	0.64	
For >500 To 1,500, Add	0.29	
05 36 00 00-0005 SF 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.12	
For Painted, Deduct	-0.09	
For Perforated Or Slotted, Add	0.09	
For Up To 100, Add	1.57	
For >100 To 500, Add	0.73	
For >500 To 1,500, Add	0.35	
05 36 00 00-0006 SF 2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.52	
For Painted, Deduct	-0.08	
For Perforated Or Slotted, Add	0.08	
For Up To 100, Add	1.10	
For >100 To 500, Add	0.53	
For >500 To 1,500, Add	0.24	
05 36 00 00-0007 SF 2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.71	
For Painted, Deduct	-0.08	
For Perforated Or Slotted, Add	0.08	
For Up To 100, Add	1.20	
For >100 To 500, Add	0.58	
For >500 To 1,500, Add	0.26	
05 36 00 00-0008 SF 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.05	
For Painted, Deduct	-0.09	
For Perforated Or Slotted, Add	0.09	
For Up To 100, Add	1.45	
For >100 To 500, Add	0.69	
For >500 To 1,500, Add	0.32	
05 36 00 00-0009 SF 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.34	
For Painted, Deduct	-0.09	
For Perforated Or Slotted, Add	0.09	
For Up To 100, Add	1.68	
For >100 To 500, Add	0.78	
For >500 To 1,500, Add	0.37	
05 36 00 00-0010 SF 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.64	
For Painted, Deduct	-0.08	
For Perforated Or Slotted, Add	0.08	
For Up To 100, Add	1.14	
For >100 To 500, Add	0.56	
For >500 To 1,500, Add	0.24	
05 36 00 00-0011 SF 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.84	
For Painted, Deduct	-0.09	
For Perforated Or Slotted, Add	0.09	
For Up To 100, Add	1.27	
For >100 To 500, Add	0.61	
For >500 To 1,500, Add	0.28	
05 36 00 00-0012 SF 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.21	
For Painted, Deduct	-0.09	
For Perforated Or Slotted, Add	0.09	
For Up To 100, Add	1.55	
For >100 To 500, Add	0.73	
For >500 To 1,500, Add	0.34	
05 36 00 00-0013 SF 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.60	
For Painted, Deduct	-0.10	
For Perforated Or Slotted, Add	0.10	
For Up To 100, Add	1.82	
For >100 To 500, Add	0.85	
For >500 To 1,500, Add	0.41	
<b>05 36 00 00-0014 Composite Cellular Galvanized Steel Deck</b> <small>(05 36)</small>		
Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015 SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.29	
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Insulated Cells, Add	0.62	
For Up To 100, Add	1.80	
For >100 To 500, Add	0.89	
For >500 To 1,500, Add	0.38	
05 36 00 00-0016 SF 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	4.60	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Insulated Cells, Add	0.66	
For Up To 100, Add	1.97	
For >100 To 500, Add	0.96	
For >500 To 1,500, Add	0.42	
05 36 00 00-0017 SF 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.67	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Insulated Cells, Add	0.66	
For Up To 100, Add	2.04	
For >100 To 500, Add	0.99	
For >500 To 1,500, Add	0.44	

**05 Metals****05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0018	SF		1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	4.98	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Insulated Cells, Add</i>	0.68	
			<i>For Up To 100, Add</i>	2.25	
			<i>For &gt;100 To 500, Add</i>	1.08	
			<i>For &gt;500 To 1,500, Add</i>	0.49	
05 36 00 00-0019	SF		1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.34	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Insulated Cells, Add</i>	0.73	
			<i>For Up To 100, Add</i>	2.43	
			<i>For &gt;100 To 500, Add</i>	1.17	
			<i>For &gt;500 To 1,500, Add</i>	0.53	
05 36 00 00-0020	SF		1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.40	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Insulated Cells, Add</i>	0.73	
			<i>For Up To 100, Add</i>	2.49	
			<i>For &gt;100 To 500, Add</i>	1.19	
			<i>For &gt;500 To 1,500, Add</i>	0.54	
05 36 00 00-0021	SF		1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.70	
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Insulated Cells, Add</i>	0.75	
			<i>For Up To 100, Add</i>	2.70	
			<i>For &gt;100 To 500, Add</i>	1.28	
			<i>For &gt;500 To 1,500, Add</i>	0.59	
05 36 00 00-0022	SF		2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.45	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Insulated Cells, Add</i>	0.64	
			<i>For Up To 100, Add</i>	1.90	
			<i>For &gt;100 To 500, Add</i>	0.93	
			<i>For &gt;500 To 1,500, Add</i>	0.41	
05 36 00 00-0023	SF		2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	4.70	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Insulated Cells, Add</i>	0.66	
			<i>For Up To 100, Add</i>	2.05	
			<i>For &gt;100 To 500, Add</i>	1.00	
			<i>For &gt;500 To 1,500, Add</i>	0.44	
05 36 00 00-0024	SF		2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.76	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Insulated Cells, Add</i>	0.66	
			<i>For Up To 100, Add</i>	2.11	
			<i>For &gt;100 To 500, Add</i>	1.02	
			<i>For &gt;500 To 1,500, Add</i>	0.45	
05 36 00 00-0025	SF		2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.13	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Insulated Cells, Add</i>	0.70	
			<i>For Up To 100, Add</i>	2.32	
			<i>For &gt;100 To 500, Add</i>	1.12	
			<i>For &gt;500 To 1,500, Add</i>	0.50	
05 36 00 00-0026	SF		2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.43	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Insulated Cells, Add</i>	0.73	
			<i>For Up To 100, Add</i>	2.50	
			<i>For &gt;100 To 500, Add</i>	1.19	
			<i>For &gt;500 To 1,500, Add</i>	0.54	
05 36 00 00-0027	SF		2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.53	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Insulated Cells, Add</i>	0.73	
			<i>For Up To 100, Add</i>	2.60	
			<i>For &gt;100 To 500, Add</i>	1.23	
			<i>For &gt;500 To 1,500, Add</i>	0.57	
05 36 00 00-0028	SF		2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.84	
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Insulated Cells, Add</i>	0.77	
			<i>For Up To 100, Add</i>	2.77	
			<i>For &gt;100 To 500, Add</i>	1.31	
			<i>For &gt;500 To 1,500, Add</i>	0.61	
05 36 00 00-0029	SF		3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.46	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Insulated Cells, Add</i>	0.64	
			<i>For Up To 100, Add</i>	1.90	
			<i>For &gt;100 To 500, Add</i>	0.93	
			<i>For &gt;500 To 1,500, Add</i>	0.41	



<b>Metals</b>	<b>05</b>	<b>05</b>
<b>Metal Decking</b>	<b>05 30</b>	
<b>Composite Metal Decking</b>	<b>05 36</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0030 SF 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	4.73	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Insulated Cells, Add	0.66	
For Up To 100, Add	2.08	
For >100 To 500, Add	1.01	
For >500 To 1,500, Add	0.45	
05 36 00 00-0031 SF 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.83	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Insulated Cells, Add	0.66	
For Up To 100, Add	2.18	
For >100 To 500, Add	1.05	
For >500 To 1,500, Add	0.47	
05 36 00 00-0032 SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.18	
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Insulated Cells, Add	0.70	
For Up To 100, Add	2.36	
For >100 To 500, Add	1.13	
For >500 To 1,500, Add	0.51	
05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.53	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Insulated Cells, Add	0.75	
For Up To 100, Add	2.54	
For >100 To 500, Add	1.22	
For >500 To 1,500, Add	0.55	
05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.65	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Insulated Cells, Add	0.75	
For Up To 100, Add	2.66	
For >100 To 500, Add	1.26	
For >500 To 1,500, Add	0.58	
05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.90	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Insulated Cells, Add	0.77	
For Up To 100, Add	2.83	
For >100 To 500, Add	1.34	
For >500 To 1,500, Add	0.62	

## 05 40 Cold-Formed Metal Framing <sup>(05)</sup>

Note: Includes all connecting bolts and welds.

### 05 41 Structural Metal Stud Framing <sup>(05 40)</sup>

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

#### 05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners <sup>(05 41)</sup>

05 41 00 00-0002 SF 2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	2.07	0.41
For Walls >10' High, Add	0.41	
For Curved Wall, Add	0.29	
For Up To 200, Add	0.61	
For >200 To 500, Add	0.30	
For 12" On Center, Add	0.37	
For 24" On Center, Deduct	-0.37	
05 41 00 00-0003 SF 3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	2.78	0.41
For Walls >10' High, Add	0.56	
For Curved Wall, Add	0.30	
For Up To 200, Add	0.76	
For >200 To 500, Add	0.38	
For 12" On Center, Add	0.51	
For 24" On Center, Deduct	-0.51	
05 41 00 00-0004 SF 4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	2.91	0.41
For Walls >10' High, Add	0.58	
For Curved Wall, Add	0.32	
For Up To 200, Add	0.79	
For >200 To 500, Add	0.40	
For 12" On Center, Add	0.53	
For 24" On Center, Deduct	-0.53	
05 41 00 00-0005 SF 6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.78	0.45
For Walls >10' High, Add	0.76	
For Curved Wall, Add	0.33	
For Up To 200, Add	0.97	
For >200 To 500, Add	0.49	
For 12" On Center, Add	0.70	
For 24" On Center, Deduct	-0.70	

**05 Metals****05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0006	SF		8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.25	0.50
			<i>For Walls &gt;10' High, Add</i>	0.85	
			<i>For Curved Wall, Add</i>	0.34	
			<i>For Up To 200, Add</i>	1.08	
			<i>For &gt;200 To 500, Add</i>	0.54	
			<i>For 12" On Center, Add</i>	0.79	
			<i>For 24" On Center, Deduct</i>	-0.79	
<b>05 41 00 00-0007</b>			<b>16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners</b> <small>(05 41)</small>		
05 41 00 00-0008	SF		2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	2.66	0.41
			<i>For Walls &gt;10' High, Add</i>	0.53	
			<i>For Curved Wall, Add</i>	0.30	
			<i>For Up To 200, Add</i>	0.73	
			<i>For &gt;200 To 500, Add</i>	0.37	
			<i>For 12" On Center, Add</i>	0.48	
			<i>For 24" On Center, Deduct</i>	-0.48	
05 41 00 00-0009	SF		3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	3.12	0.41
			<i>For Walls &gt;10' High, Add</i>	0.62	
			<i>For Curved Wall, Add</i>	0.32	
			<i>For Up To 200, Add</i>	0.83	
			<i>For &gt;200 To 500, Add</i>	0.42	
			<i>For 12" On Center, Add</i>	0.57	
			<i>For 24" On Center, Deduct</i>	-0.57	
05 41 00 00-0010	SF		4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.29	0.41
			<i>For Walls &gt;10' High, Add</i>	0.66	
			<i>For Curved Wall, Add</i>	0.33	
			<i>For Up To 200, Add</i>	0.88	
			<i>For &gt;200 To 500, Add</i>	0.44	
			<i>For 12" On Center, Add</i>	0.60	
			<i>For 24" On Center, Deduct</i>	-0.60	
05 41 00 00-0011	SF		6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.25	0.50
			<i>For Walls &gt;10' High, Add</i>	0.85	
			<i>For Curved Wall, Add</i>	0.35	
			<i>For Up To 200, Add</i>	1.08	
			<i>For &gt;200 To 500, Add</i>	0.54	
			<i>For 12" On Center, Add</i>	0.79	
			<i>For 24" On Center, Deduct</i>	-0.79	
05 41 00 00-0012	SF		8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.70	0.54
			<i>For Walls &gt;10' High, Add</i>	0.94	
			<i>For Curved Wall, Add</i>	0.36	
			<i>For Up To 200, Add</i>	1.18	
			<i>For &gt;200 To 500, Add</i>	0.59	
			<i>For 12" On Center, Add</i>	0.88	
			<i>For 24" On Center, Deduct</i>	-0.88	
<b>05 41 00 00-0013</b>			<b>14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners</b> <small>(05 41)</small>		
05 41 00 00-0014	SF		3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	3.70	0.56
			<i>For Walls &gt;10' High, Add</i>	0.74	
			<i>For Curved Wall, Add</i>	0.38	
			<i>For Up To 200, Add</i>	0.99	
			<i>For &gt;200 To 500, Add</i>	0.50	
			<i>For 12" On Center, Add</i>	0.68	
			<i>For 24" On Center, Deduct</i>	-0.68	
05 41 00 00-0015	SF		4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.81	0.58
			<i>For Walls &gt;10' High, Add</i>	0.76	
			<i>For Curved Wall, Add</i>	0.38	
			<i>For Up To 200, Add</i>	1.02	
			<i>For &gt;200 To 500, Add</i>	0.51	
			<i>For 12" On Center, Add</i>	0.70	
			<i>For 24" On Center, Deduct</i>	-0.70	
05 41 00 00-0016	SF		6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.87	0.61
			<i>For Walls &gt;10' High, Add</i>	0.97	
			<i>For Curved Wall, Add</i>	0.41	
			<i>For Up To 200, Add</i>	1.24	
			<i>For &gt;200 To 500, Add</i>	0.62	
			<i>For 12" On Center, Add</i>	0.91	
			<i>For 24" On Center, Deduct</i>	-0.91	
05 41 00 00-0017	SF		8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.37	0.64
			<i>For Walls &gt;10' High, Add</i>	1.07	
			<i>For Curved Wall, Add</i>	0.42	
			<i>For Up To 200, Add</i>	1.36	
			<i>For &gt;200 To 500, Add</i>	0.68	
			<i>For 12" On Center, Add</i>	1.00	
			<i>For 24" On Center, Deduct</i>	-1.00	

**05 42 Cold-Formed Metal Joist Framing** (05 40)**05 42 33 Cold-Formed Metal Joist Framing** (05 42)**05 42 33 00-0001 Steel Joists, 18 Gauge** (05 42 33)





<b>Metals</b>	<b>05</b>	<b>05</b>
Cold-Formed Metal Framing	05 40	
Cold-Formed Metal Joist Framing	05 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 42 33 00-0002	LF		5-1/2" - 18 Gauge Steel Joists .....	6.05	1.09
05 42 33 00-0003	LF		6" - 18 Gauge Steel Joists .....	6.54	1.36
05 42 33 00-0004	LF		7-1/4" - 18 Gauge Steel Joists .....	7.07	1.49
05 42 33 00-0005	LF		8" - 18 Gauge Steel Joists .....	8.12	1.59
<b>05 42 33 00-0006</b>			<b>Steel Joists, 16 Gauge</b> <small>(05 42 33)</small>		
05 42 33 00-0007	LF		7-1/4" - 16 Gauge Steel Joists .....	7.70	1.50
05 42 33 00-0008	LF		8" - 16 Gauge Steel Joists .....	8.13	1.59
<b>05 42 33 00-0009</b>			<b>Steel Joists, 14 Gauge</b> <small>(05 42 33)</small>		
05 42 33 00-0010	LF		9-1/4" - 14 Gauge Steel Joists .....	9.28	1.59
05 42 33 00-0011	LF		11-1/2" - 14 Gauge Steel Joists .....	10.11	1.67
<b>05 43</b>			<b>Slotted Channel Framing</b> <small>(05 40)</small>		
<b>05 43 00 00-0001</b>			<b>Unistrut Channel</b> <small>(05 43)</small>		
<b>05 43 00 00-0002</b>			<b>Steel Unistrut Channel</b> <small>(05 43 00 00-0001)</small>		
05 43 00 00-0003	LF		1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....	7.63	1.56
			For Powder Coating, Add	0.68	
			For Galvanizing, Add	0.77	
05 43 00 00-0004	LF		1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel .....	7.85	1.56
			For Powder Coating, Add	0.71	
			For Galvanizing, Add	0.80	
05 43 00 00-0005	LF		1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	8.19	1.56
			For Powder Coating, Add	0.76	
			For Galvanizing, Add	0.86	
05 43 00 00-0006	LF		1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	7.20	1.56
			For Powder Coating, Add	0.61	
			For Galvanizing, Add	0.69	
05 43 00 00-0007	LF		1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel .....	6.24	1.56
			For Powder Coating, Add	0.47	
			For Galvanizing, Add	0.53	
<b>05 43 00 00-0008</b>			<b>Stainless Steel Unistrut Channel</b> <small>(05 43 00 00-0001)</small>		
<b>05 43 00 00-0009</b>			<b>304 Stainless Steel Unistrut Channel</b> <small>(05 43 00 00-0008)</small>		
05 43 00 00-0010	LF		1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	14.24	1.56
05 43 00 00-0011	LF		1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	16.95	1.56
05 43 00 00-0012	LF		1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	16.28	1.56
05 43 00 00-0013	LF		1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	20.47	1.56
<b>05 43 00 00-0014</b>			<b>316 Stainless Steel Unistrut Channel</b> <small>(05 43 00 00-0008)</small>		
05 43 00 00-0015	LF		1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel .....	23.04	1.56
<b>05 43 00 00-0016</b>			<b>Unistrut Closure Strips</b> <small>(05 43)</small>		
05 43 00 00-0017	LF		Raceway Closure Strip For Unistrut Channel .....	4.08	0.34
<b>05 43 00 00-0018</b>			<b>Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43)</small>		
			Note: Includes hex bolt.		
<b>05 43 00 00-0019</b>			<b>Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43 00 00-0018)</small>		
			Note: Includes hex bolt.		
05 43 00 00-0020	EA		1/4-20, Steel Lock Nut With Spring For Unistrut Channel .....	4.77	
05 43 00 00-0021	EA		3/8-16, Steel Lock Nut With Spring For Unistrut Channel .....	5.23	
05 43 00 00-0022	EA		1/2-13, Steel Lock Nut With Spring For Unistrut Channel .....	5.58	
05 43 00 00-0023	EA		5/8-11, Steel Lock Nut With Spring For Unistrut Channel .....	7.46	
<b>05 43 00 00-0024</b>			<b>Stainless Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43 00 00-0018)</small>		
			Note: Includes hex bolt.		
05 43 00 00-0025	EA		1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	8.56	
05 43 00 00-0026	EA		3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	9.06	
05 43 00 00-0027	EA		1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	12.47	
05 43 00 00-0028	EA		5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	20.74	
<b>05 43 00 00-0029</b>			<b>Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43)</small>		
			Note: Includes hex bolt.		
<b>05 43 00 00-0030</b>			<b>Steel Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43 00 00-0029)</small>		
			Note: Includes hex bolt.		
05 43 00 00-0031	EA		1/4-20, Steel Lock Nut Without Spring For Unistrut Channel .....	4.78	
05 43 00 00-0032	EA		3/8-16, Steel Lock Nut Without Spring For Unistrut Channel .....	5.30	
05 43 00 00-0033	EA		1/2-13, Steel Lock Nut Without Spring For Unistrut Channel .....	5.61	

05	<b>05 Metals</b>
	<b>05 40 Cold-Formed Metal Framing</b>
	<b>05 43 Slotted Channel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0034 EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel .....	8.01	
<b>05 43 00 00-0035 Stainless Steel Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43 00 00-0029)</small>		
<i>Note: Includes hex bolt.</i>		
05 43 00 00-0036 EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	6.37	
05 43 00 00-0037 EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	7.51	
05 43 00 00-0038 EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	8.11	
05 43 00 00-0039 EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	20.22	
<b>05 43 00 00-0040 Beam Clamp For Unistrut Channel</b> <small>(05 43)</small>		
05 43 00 00-0041 EA Unistrut Beam Clamp, 1-5/8" Channel P2675.....	13.88	5.19
05 43 00 00-0042 EA Unistrut Beam Clamp, 1-5/8" Channel P2676.....	17.15	5.19
05 43 00 00-0043 EA Add For Unistrut Swivel Nut, P2676.....	1.78	
<b>05 43 00 00-0044 Beam Clamp Clevis Hangers</b> <small>(05 43)</small>		
05 43 00 00-0045 EA Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674) .....	15.01	5.19
05 43 00 00-0046 EA Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677) .....	17.62	5.19
05 43 00 00-0047 EA Add For Unistrut Swivel Nut.....	1.78	
05 43 00 00-0048 EA Unistrut Bracket For Shelves .....	92.50	6.92
<b>05 45 Metal Support Assemblies</b> <small>(05 40)</small>		
<b>05 45 13 Mechanical Metal Supports</b> <small>(05 45)</small>		
<i>See CSI section 23 05 29 00-0000 for metal supports.</i>		
<b>05 45 16 Electrical Metal Supports</b> <small>(05 45)</small>		
<i>See CSI section 26 05 29 00-0000 for metal supports.</i>		
<b>05 50 Metal Fabrications</b> <small>(05)</small>		
<b>05 51 Metal Stairs</b> <small>(05 50)</small>		
<b>05 51 13 Metal Pan Stairs</b> <small>(05 51)</small>		
<i>Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail. See CSI section 05 52 13 00-0000 for handrails.</i>		
<b>05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing</b> <small>(05 51 13)</small>		
<i>Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.</i>		
05 51 13 00-0002 RSR 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair .....	524.69	20.01
<i>For Closed Riser, Add</i>		60.22
05 51 13 00-0003 RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair .....	596.51	23.34
<i>For Closed Riser, Add</i>		68.38
05 51 13 00-0004 RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair .....	665.09	27.34
<i>For Closed Riser, Add</i>		76.06
05 51 13 00-0005 SF Concrete Filled Steel Pan Landing.....	69.30	3.33
<i>Note: Conventional shape.</i>		
<b>05 51 19 Metal Grating Stairs</b> <small>(05 51)</small>		
<i>Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.</i>		
<b>05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing</b> <small>(05 51 19)</small>		
<i>Note: Includes steel stringers, safety nosing and 2 pipe handrail.</i>		
05 51 19 00-0002 RSR 3'-6" Wide Open Steel Grating Tread Metal Stair.....	258.47	26.67
<i>For Closed Riser, Add</i>		30.67
<i>For Galvanized Steel, Add</i>		51.28
05 51 19 00-0003 RSR 4'-0" Wide Open Steel Grating Tread Metal Stair.....	276.24	30.67
<i>For Closed Riser, Add</i>		32.54
<i>For Galvanized Steel, Add</i>		53.72
05 51 19 00-0004 RSR 5'-0" Wide Open Steel Grating Tread Metal Stair.....	306.45	36.01
<i>For Closed Riser, Add</i>		35.88
<i>For Galvanized Steel, Add</i>		58.61
05 51 19 00-0005 SF Steel Grating Landing With Framing And 2 Pipe Handrail .....	48.49	3.33
<i>Note: Conventional shape.</i>		
<i>For Galvanized Steel, Add</i>		8.79
<b>05 51 33 Metal Ladders</b> <small>(05 51)</small>		
<i>Note: Includes factory prime.</i>		
<b>05 51 33 13 Vertical Metal Ladders</b> <small>(05 51 33)</small>		
<b>05 51 33 13-0001 Vertical Ladders</b> <small>(05 51 33 13)</small>		
<i>Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"</i>		
05 51 33 13-0002 VLF 20" Wide Vertical Steel Ladder Primed .....	70.07	8.01
<i>For Galvanized Steel, Add</i>		11.24
<i>For Aluminum, Add</i>		22.48
05 51 33 13-0003 VLF 24" Wide Vertical Steel Ladder Primed .....	81.46	8.01
<i>For Galvanized Steel, Add</i>		14.09
<i>For Aluminum, Add</i>		28.18



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0004	VLF		20" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i>	173.11 32.65	13.33
			<i>For Aluminum, Add</i>	65.30	
05 51 33 13-0005	VLF		24" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i>	195.90 38.35	13.33
			<i>For Aluminum, Add</i>	76.70	
<b>05 51 33 13-0006</b>			<b>Vertical Ladders Options</b> (05 51 33 13)		
05 51 33 13-0007	EA		20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. <i>For Galvanized Steel, Add</i>	193.05 35.76	25.01
			<i>For Aluminum, Add</i>	71.52	
05 51 33 13-0008	EA		24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. <i>For Galvanized Steel, Add</i>	211.11 39.44	26.67
			<i>For Aluminum, Add</i>	78.88	
05 51 33 13-0009	EA		Security Cage Entry Gate With Lockable Hasp	279.60	8.33
05 51 33 13-0010	EA		6' Security Ladder Guard	608.00	50.02
05 51 33 13-0011	EA		8' Security Ladder Guard	726.69	58.35
05 51 33 13-0012	EA		Safety Chain Attachment	110.09	
<b>05 51 33 13-0013</b>			<b>Welded Steel Ladder Cages</b> (05 51 33 13)		
			Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
<b>05 51 33 13-0014</b>			<b>Powder Coated, Welded Steel Ladder Cages</b> (05 51 33 13-0013)		
05 51 33 13-0015	EA		7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,124.86	100.03
05 51 33 13-0016	EA		8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,220.28	103.37
05 51 33 13-0017	EA		9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,296.41	106.70
05 51 33 13-0018	EA		10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,377.67	110.03
05 51 33 13-0019	EA		11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,425.50	113.37
05 51 33 13-0020	EA		12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,502.91	116.70
05 51 33 13-0021	EA		13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,571.32	120.03
05 51 33 13-0022	EA		14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,660.31	123.36
05 51 33 13-0023	EA		15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,746.72	126.71
05 51 33 13-0024	EA		16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,817.69	130.04
05 51 33 13-0025	EA		17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,904.12	133.37
05 51 33 13-0026	EA		18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,987.95	136.71
05 51 33 13-0027	EA		19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,070.51	140.04
05 51 33 13-0028	EA		20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,219.95	143.37
05 51 33 13-0029	EA		21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,265.21	146.71
05 51 33 13-0030	EA		22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,342.62	150.04
05 51 33 13-0031	EA		23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,413.59	153.38
05 51 33 13-0032	EA		24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,479.43	156.72
05 51 33 13-0033	EA		25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,625.02	160.05
05 51 33 13-0034	EA		26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,703.71	163.38
05 51 33 13-0035	EA		27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,777.27	166.71
<b>05 51 33 13-0036</b>			<b>Stainless Steel, Welded Steel Ladder Cages</b> (05 51 33 13-0013)		
05 51 33 13-0037	EA		7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,645.77	100.03
05 51 33 13-0038	EA		8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,825.55	103.37
05 51 33 13-0039	EA		9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,124.43	106.70
05 51 33 13-0040	EA		10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,272.28	110.03
05 51 33 13-0041	EA		11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,396.82	113.37
05 51 33 13-0042	EA		12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,561.87	116.70
05 51 33 13-0043	EA		13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,858.29	120.03
05 51 33 13-0044	EA		14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,008.61	123.36
05 51 33 13-0045	EA		15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,163.84	126.71
05 51 33 13-0046	EA		16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,333.79	130.04
05 51 33 13-0047	EA		17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,636.37	133.37
05 51 33 13-0048	EA		18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,787.90	136.71
05 51 33 13-0049	EA		19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,932.08	140.04
05 51 33 13-0050	EA		20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,170.80	143.37
05 51 33 13-0051	EA		21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,438.98	146.71
05 51 33 13-0052	EA		22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,588.07	150.04
05 51 33 13-0053	EA		23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,740.84	153.38
05 51 33 13-0054	EA		24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,883.79	156.72
05 51 33 13-0055	EA		25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,250.20	160.05
05 51 33 13-0056	EA		26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,393.15	163.38
05 51 33 13-0057	EA		27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,539.78	166.71
<b>05 51 33 16</b>			<b>Inclined Metal Ladders</b> (05 51 33)		
<b>05 51 33 16-0001</b>			<b>Industrial Ship Ladder, Incline Stairs</b> (05 51 33 16)		
			Note: Includes factory prime.		
05 51 33 16-0002	RSR		3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side <i>For Aluminum, Add</i>	189.45 61.39	33.34

05	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 51 Metal Stairs</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**05 51 33 23 Alternating Tread Ladders** (05 51 33)

<b>05 51 33 23-0001 Vertical Ladders With Alternating Tread</b> <small>(05 51 33 23)</small>		
05 51 33 23-0002 EA 4' Vertical Height Aluminum Alternating Tread Ladder .....	1,248.87	100.03
For Stainless Steel, Add	196.80	
For Primed Steel, Deduct	-191.42	
05 51 33 23-0003 EA 5' Vertical Height Aluminum Alternating Tread Ladder .....	1,426.49	106.03
For Stainless Steel, Add	240.90	
For Primed Steel, Deduct	-223.30	
05 51 33 23-0004 EA 6' Vertical Height Aluminum Alternating Tread Ladder .....	1,578.03	106.03
For Stainless Steel, Add	288.67	
For Primed Steel, Deduct	-241.55	
05 51 33 23-0005 EA 7' Vertical Height Aluminum Alternating Tread Ladder .....	1,807.11	133.24
For Stainless Steel, Add	347.24	
For Primed Steel, Deduct	-256.61	
05 51 33 23-0006 EA 8' Vertical Height Aluminum Alternating Tread Ladder .....	1,980.31	137.96
For Stainless Steel, Add	388.99	
For Primed Steel, Deduct	-298.53	
05 51 33 23-0007 EA 9' Vertical Height Aluminum Alternating Tread Ladder .....	2,114.21	137.96
For Stainless Steel, Add	453.51	
For Primed Steel, Deduct	-293.53	
05 51 33 23-0008 EA 10' Vertical Height Aluminum Alternating Tread Ladder.....	2,322.89	153.89
For Stainless Steel, Add	497.40	
For Primed Steel, Deduct	-327.55	
05 51 33 23-0009 EA 11' Vertical Height Aluminum Alternating Tread Ladder.....	2,472.91	153.89
For Stainless Steel, Add	546.61	
For Primed Steel, Deduct	-347.07	
05 51 33 23-0010 EA 12' Vertical Height Aluminum Alternating Tread Ladder.....	2,589.64	153.89
For Stainless Steel, Add	623.99	
For Primed Steel, Deduct	-346.65	

**05 52 Metal Railings** (05 50)

**05 52 13 Pipe And Tube Railings** (05 52)

Note: Includes sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

**05 52 13 00-0001 Welded Steel Pipe Railing** (05 52 13)

Note: Includes field welds and touch-up of welds.

**05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings** (05 52 13 00-0001)

Note: Includes factory primed posts and one rail.

05 52 13 00-0003 LF 1" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	31.00	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	7.42	
For Aluminum, Clear Anodized Finish, Add	11.49	
For Aluminum, Dark Anodized Finish, Add	13.25	
For Galvanizing, Add	7.07	
For Wrought Iron, Add	3.10	
For Solid Steel Rails, Add	6.20	
For 304 Stainless Steel, Add	56.54	
For 316 Stainless Steel, Add	63.61	
For 2" Wheel Guard, Add	1.68	
For 4" High Kick Plate, Add	2.21	
For 6" High Kick Plate, Add	3.53	
For Curved Rail, Add	14.60	
For Mounting On Stairs, Add	3.77	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	12.17	
For Nylon Coating, Add	2.65	
For Schedule 80 Handrail, Add	2.33	
05 52 13 00-0004 LF 1-1/4" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing .....	34.05	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	8.70	
For Aluminum, Clear Anodized Finish, Add	13.47	
For Aluminum, Dark Anodized Finish, Add	15.54	
For Galvanizing, Add	8.29	
For Wrought Iron, Add	3.41	
For Solid Steel Rails, Add	6.81	
For 304 Stainless Steel, Add	66.30	
For 316 Stainless Steel, Add	74.59	
For 2" Wheel Guard, Add	1.97	
For 4" High Kick Plate, Add	2.59	
For 6" High Kick Plate, Add	4.14	
For Curved Rail, Add	16.43	
For Mounting On Stairs, Add	4.07	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	13.69	
For Nylon Coating, Add	3.11	
For Schedule 80 Handrail, Add	3.42	



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Railings	05 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0005 LF 1-1/2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing .....	37.09	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	9.98	
For Aluminum, Clear Anodized Finish, Add	15.44	
For Aluminum, Dark Anodized Finish, Add	17.82	
For Galvanizing, Add	9.50	
For Wrought Iron, Add	3.71	
For Solid Steel Rails, Add	7.42	
For 304 Stainless Steel, Add	76.03	
For 316 Stainless Steel, Add	85.54	
For 2" Wheel Guard, Add	2.26	
For 4" High Kick Plate, Add	2.97	
For 6" High Kick Plate, Add	4.75	
For Curved Rail, Add	18.26	
For Mounting On Stairs, Add	4.38	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	15.21	
For Nylon Coating, Add	3.56	
For Schedule 80 Handrail, Add	3.42	
05 52 13 00-0006 LF 2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing .....	42.37	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	12.20	
For Aluminum, Clear Anodized Finish, Add	18.88	
For Aluminum, Dark Anodized Finish, Add	21.78	
For Galvanizing, Add	11.62	
For Wrought Iron, Add	4.24	
For Solid Steel Rails, Add	8.47	
For 304 Stainless Steel, Add	92.93	
For 316 Stainless Steel, Add	104.54	
For 2" Wheel Guard, Add	2.76	
For 4" High Kick Plate, Add	3.63	
For 6" High Kick Plate, Add	5.81	
For Curved Rail, Add	21.42	
For Mounting On Stairs, Add	4.90	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	17.85	
For Nylon Coating, Add	4.36	
For Schedule 80 Handrail, Add	3.87	
05 52 13 00-0007 LF 2-1/2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing .....	48.70	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	14.86	
For Aluminum, Clear Anodized Finish, Add	22.99	
For Aluminum, Dark Anodized Finish, Add	26.53	
For Galvanizing, Add	14.15	
For Wrought Iron, Add	4.87	
For Solid Steel Rails, Add	9.74	
For 304 Stainless Steel, Add	113.18	
For 316 Stainless Steel, Add	127.33	
For 2" Wheel Guard, Add	3.36	
For 4" High Kick Plate, Add	4.42	
For 6" High Kick Plate, Add	7.07	
For Curved Rail, Add	25.22	
For Mounting On Stairs, Add	5.54	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	21.02	
For Nylon Coating, Add	5.31	
For Schedule 80 Handrail, Add	4.32	
<b>05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)</b>		
Note: Includes factory primed posts and two rails.		
05 52 13 00-0009 LF 1" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	35.42	6.67
For Additional Off Set Handrail, ADA Attachment, Add	11.16	
For Aluminum, Satin Finish, Add	9.28	
For Aluminum, Clear Anodized Finish, Add	14.36	
For Aluminum, Dark Anodized Finish, Add	16.57	
For Galvanizing, Add	8.84	
For Wrought Iron, Add	3.54	
For Solid Steel Rails, Add	7.08	
For 304 Stainless Steel, Add	70.69	
For 316 Stainless Steel, Add	79.62	
For 2" Wheel Guard, Add	2.10	
For 4" High Kick Plate, Add	2.76	
For 6" High Kick Plate, Add	4.42	
For Curved Rail, Add	17.25	
For Mounting On Stairs, Add	4.21	
For Mounting On Slopes, Add	1.33	
For Post Base Flange With Screws, Add Per Post	18.83	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.50	
For Custom Design Or Shapes (Square Tops, etc), Add	14.38	
For Nylon Coating, Add	3.31	

<b>05</b>	<b>Metals</b>
<b>05 50</b>	<b>Metal Fabrications</b>
<b>05 52</b>	<b>Metal Railings</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0010	LF		1-1/4" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	39.22	6.67
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.16	
			<i>For Aluminum, Satin Finish, Add</i>	10.87	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	16.83	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	19.42	
			<i>For Galvanizing, Add</i>	10.36	
			<i>For Wrought Iron, Add</i>	3.92	
			<i>For Solid Steel Rails, Add</i>	7.84	
			<i>For 304 Stainless Steel, Add</i>	82.85	
			<i>For 316 Stainless Steel, Add</i>	93.20	
			<i>For 2" Wheel Guard, Add</i>	2.46	
			<i>For 4" High Kick Plate, Add</i>	3.24	
			<i>For 6" High Kick Plate, Add</i>	5.18	
			<i>For Curved Rail, Add</i>	19.53	
			<i>For Mounting On Stairs, Add</i>	4.59	
			<i>For Mounting On Slopes, Add</i>	1.33	
			<i>For Post Base Flange With Screws, Add Per Post</i>	18.83	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.50	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	16.28	
			<i>For Nylon Coating, Add</i>	3.88	
			<i>For Schedule 80 Handrail, Add</i>	3.42	
05 52 13 00-0011	LF		1-1/2" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	43.03	6.67
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.16	
			<i>For Aluminum, Satin Finish, Add</i>	12.47	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	19.31	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	22.28	
			<i>For Galvanizing, Add</i>	11.88	
			<i>For Wrought Iron, Add</i>	4.30	
			<i>For Solid Steel Rails, Add</i>	8.61	
			<i>For 304 Stainless Steel, Add</i>	95.04	
			<i>For 316 Stainless Steel, Add</i>	106.92	
			<i>For 2" Wheel Guard, Add</i>	2.82	
			<i>For 4" High Kick Plate, Add</i>	3.71	
			<i>For 6" High Kick Plate, Add</i>	5.94	
			<i>For Curved Rail, Add</i>	21.82	
			<i>For Mounting On Stairs, Add</i>	4.97	
			<i>For Mounting On Slopes, Add</i>	1.33	
			<i>For Post Base Flange With Screws, Add Per Post</i>	18.83	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.50	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	18.18	
			<i>For Nylon Coating, Add</i>	4.46	
05 52 13 00-0012	LF		2" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	49.63	6.67
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.16	
			<i>For Aluminum, Satin Finish, Add</i>	15.25	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	23.60	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	27.23	
			<i>For Galvanizing, Add</i>	14.52	
			<i>For Wrought Iron, Add</i>	4.96	
			<i>For Solid Steel Rails, Add</i>	9.93	
			<i>For 304 Stainless Steel, Add</i>	116.16	
			<i>For 316 Stainless Steel, Add</i>	130.68	
			<i>For 2" Wheel Guard, Add</i>	3.45	
			<i>For 4" High Kick Plate, Add</i>	4.54	
			<i>For 6" High Kick Plate, Add</i>	7.26	
			<i>For Curved Rail, Add</i>	25.78	
			<i>For Mounting On Stairs, Add</i>	5.63	
			<i>For Mounting On Slopes, Add</i>	1.33	
			<i>For Post Base Flange With Screws, Add Per Post</i>	18.83	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.50	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	21.48	
			<i>For Nylon Coating, Add</i>	5.45	
05 52 13 00-0013	LF		2-1/2" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	57.54	6.67
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.16	
			<i>For Aluminum, Satin Finish, Add</i>	18.57	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	28.74	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	33.16	
			<i>For Galvanizing, Add</i>	17.68	
			<i>For Wrought Iron, Add</i>	5.75	
			<i>For Solid Steel Rails, Add</i>	11.51	
			<i>For 304 Stainless Steel, Add</i>	141.47	
			<i>For 316 Stainless Steel, Add</i>	159.16	
			<i>For 2" Wheel Guard, Add</i>	4.20	
			<i>For 4" High Kick Plate, Add</i>	5.53	
			<i>For 6" High Kick Plate, Add</i>	8.84	
			<i>For Curved Rail, Add</i>	30.53	
			<i>For Mounting On Stairs, Add</i>	6.42	
			<i>For Mounting On Slopes, Add</i>	1.33	
			<i>For Post Base Flange With Screws, Add Per Post</i>	18.83	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.50	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	25.44	
			<i>For Nylon Coating, Add</i>	6.63	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)  
 Note: Includes factory primed posts and three rails.



	<b>Metals</b>	<b>05</b>	
	Metal Fabrications	05 50	05
	Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0015	LF		1" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	47.57	8.01
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.69	
			<i>For Aluminum, Satin Finish, Add</i>	13.26	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	20.52	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	23.68	
			<i>For Galvanizing, Add</i>	12.63	
			<i>For Wrought Iron, Add</i>	4.76	
			<i>For Solid Steel Rails, Add</i>	9.51	
			<i>For 304 Stainless Steel, Add</i>	101.02	
			<i>For 316 Stainless Steel, Add</i>	113.65	
			<i>For 2" Wheel Guard, Add</i>	3.00	
			<i>For 4" High Kick Plate, Add</i>	3.95	
			<i>For 6" High Kick Plate, Add</i>	6.31	
			<i>For Curved Rail, Add</i>	23.74	
			<i>For Mounting On Stairs, Add</i>	5.56	
			<i>For Mounting On Slopes, Add</i>	1.60	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.10	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.90	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	19.79	
			<i>For Nylon Coating, Add</i>	4.74	
05 52 13 00-0016	LF		1-1/4" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	53.01	8.01
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.69	
			<i>For Aluminum, Satin Finish, Add</i>	15.54	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	24.06	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	27.76	
			<i>For Galvanizing, Add</i>	14.80	
			<i>For Wrought Iron, Add</i>	5.30	
			<i>For Solid Steel Rails, Add</i>	10.60	
			<i>For 304 Stainless Steel, Add</i>	118.43	
			<i>For 316 Stainless Steel, Add</i>	133.24	
			<i>For 2" Wheel Guard, Add</i>	3.52	
			<i>For 4" High Kick Plate, Add</i>	4.63	
			<i>For 6" High Kick Plate, Add</i>	7.40	
			<i>For Curved Rail, Add</i>	27.01	
			<i>For Mounting On Stairs, Add</i>	6.10	
			<i>For Mounting On Slopes, Add</i>	1.60	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.10	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.90	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	22.51	
			<i>For Nylon Coating, Add</i>	5.55	
			<i>For Schedule 80 Handrail, Add</i>	4.91	
05 52 13 00-0017	LF		1-1/2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	58.45	8.01
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.69	
			<i>For Aluminum, Satin Finish, Add</i>	17.83	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	27.59	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	31.84	
			<i>For Galvanizing, Add</i>	16.98	
			<i>For Wrought Iron, Add</i>	5.85	
			<i>For Solid Steel Rails, Add</i>	11.69	
			<i>For 304 Stainless Steel, Add</i>	135.84	
			<i>For 316 Stainless Steel, Add</i>	152.82	
			<i>For 2" Wheel Guard, Add</i>	4.03	
			<i>For 4" High Kick Plate, Add</i>	5.31	
			<i>For 6" High Kick Plate, Add</i>	8.49	
			<i>For Curved Rail, Add</i>	30.27	
			<i>For Mounting On Stairs, Add</i>	6.65	
			<i>For Mounting On Slopes, Add</i>	1.60	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.10	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.90	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	25.23	
			<i>For Nylon Coating, Add</i>	6.37	
05 52 13 00-0018	LF		2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	67.90	8.01
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	11.69	
			<i>For Aluminum, Satin Finish, Add</i>	21.80	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	33.74	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	38.93	
			<i>For Galvanizing, Add</i>	20.76	
			<i>For Wrought Iron, Add</i>	6.79	
			<i>For Solid Steel Rails, Add</i>	13.58	
			<i>For 304 Stainless Steel, Add</i>	166.08	
			<i>For 316 Stainless Steel, Add</i>	186.84	
			<i>For 2" Wheel Guard, Add</i>	4.93	
			<i>For 4" High Kick Plate, Add</i>	6.49	
			<i>For 6" High Kick Plate, Add</i>	10.38	
			<i>For Curved Rail, Add</i>	35.94	
			<i>For Mounting On Stairs, Add</i>	7.59	
			<i>For Mounting On Slopes, Add</i>	1.60	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.10	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	28.90	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	29.95	
			<i>For Nylon Coating, Add</i>	7.79	

<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 52 Metal Railings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0019 LF 2-1/2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	79.15	8.01
For Additional Off Set Handrail, ADA Attachment, Add	11.69	
For Aluminum, Satin Finish, Add	26.52	
For Aluminum, Clear Anodized Finish, Add	41.05	
For Aluminum, Dark Anodized Finish, Add	47.36	
For Galvanizing, Add	25.26	
For Wrought Iron, Add	7.92	
For Solid Steel Rails, Add	15.83	
For 304 Stainless Steel, Add	202.08	
For 316 Stainless Steel, Add	227.34	
For 2" Wheel Guard, Add	6.00	
For 4" High Kick Plate, Add	7.89	
For 6" High Kick Plate, Add	12.63	
For Curved Rail, Add	42.69	
For Mounting On Stairs, Add	8.72	
For Mounting On Slopes, Add	1.60	
For Post Base Flange With Screws, Add Per Post	19.10	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.90	
For Custom Design Or Shapes (Square Tops, etc), Add	35.58	
For Nylon Coating, Add	9.47	
<b>05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings</b> <small>(05 52 13 00-0001)</small>		
<i>Note: Includes factory primed posts and four rails.</i>		
05 52 13 00-0021 LF 1" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	57.42	9.33
For Additional Off Set Handrail, ADA Attachment, Add	12.22	
For Aluminum, Satin Finish, Add	16.28	
For Aluminum, Clear Anodized Finish, Add	25.19	
For Aluminum, Dark Anodized Finish, Add	29.06	
For Galvanizing, Add	15.50	
For Wrought Iron, Add	5.74	
For Solid Steel Rails, Add	11.48	
For 304 Stainless Steel, Add	124.00	
For 316 Stainless Steel, Add	139.50	
For 2" Wheel Guard, Add	3.68	
For 4" High Kick Plate, Add	4.84	
For 6" High Kick Plate, Add	7.75	
For Curved Rail, Add	28.85	
For Mounting On Stairs, Add	6.68	
For Mounting On Slopes, Add	1.87	
For Post Base Flange With Screws, Add Per Post	19.37	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.30	
For Custom Design Or Shapes (Square Tops, etc), Add	24.04	
For Nylon Coating, Add	5.81	
05 52 13 00-0022 LF 1-1/4" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	56.10	9.33
For Additional Off Set Handrail, ADA Attachment, Add	12.22	
For Aluminum, Satin Finish, Add	15.72	
For Aluminum, Clear Anodized Finish, Add	24.33	
For Aluminum, Dark Anodized Finish, Add	28.07	
For Galvanizing, Add	14.97	
For Wrought Iron, Add	5.61	
For Solid Steel Rails, Add	11.22	
For 304 Stainless Steel, Add	119.78	
For 316 Stainless Steel, Add	134.75	
For 2" Wheel Guard, Add	3.56	
For 4" High Kick Plate, Add	4.68	
For 6" High Kick Plate, Add	7.49	
For Curved Rail, Add	28.06	
For Mounting On Stairs, Add	6.54	
For Mounting On Slopes, Add	1.87	
For Post Base Flange With Screws, Add Per Post	19.37	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.30	
For Custom Design Or Shapes (Square Tops, etc), Add	23.38	
For Nylon Coating, Add	5.61	
For Schedule 80 Handrail, Add	6.56	
05 52 13 00-0023 LF 1-1/2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	54.78	9.33
For Additional Off Set Handrail, ADA Attachment, Add	12.22	
For Aluminum, Satin Finish, Add	15.17	
For Aluminum, Clear Anodized Finish, Add	23.47	
For Aluminum, Dark Anodized Finish, Add	27.08	
For Galvanizing, Add	14.44	
For Wrought Iron, Add	5.48	
For Solid Steel Rails, Add	10.96	
For 304 Stainless Steel, Add	115.55	
For 316 Stainless Steel, Add	130.00	
For 2" Wheel Guard, Add	3.43	
For 4" High Kick Plate, Add	4.51	
For 6" High Kick Plate, Add	7.22	
For Curved Rail, Add	27.27	
For Mounting On Stairs, Add	6.41	
For Mounting On Slopes, Add	1.87	
For Post Base Flange With Screws, Add Per Post	19.37	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.30	
For Custom Design Or Shapes (Square Tops, etc), Add	22.72	
For Nylon Coating, Add	5.42	





<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Railings	05 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024 LF 2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	77.83	9.33
For Additional Off Set Handrail, ADA Attachment, Add	12.22	
For Aluminum, Satin Finish, Add	24.85	
For Aluminum, Clear Anodized Finish, Add	38.45	
For Aluminum, Dark Anodized Finish, Add	44.37	
For Galvanizing, Add	23.66	
For Wrought Iron, Add	7.78	
For Solid Steel Rails, Add	15.57	
For 304 Stainless Steel, Add	189.31	
For 316 Stainless Steel, Add	212.98	
For 2" Wheel Guard, Add	5.62	
For 4" High Kick Plate, Add	7.40	
For 6" High Kick Plate, Add	11.83	
For Curved Rail, Add	41.10	
For Mounting On Stairs, Add	8.72	
For Mounting On Slopes, Add	1.87	
For Post Base Flange With Screws, Add Per Post	19.37	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.30	
For Custom Design Or Shapes (Square Tops, etc), Add	34.25	
For Nylon Coating, Add	8.87	
05 52 13 00-0025 LF 2-1/2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	90.43	9.33
For Additional Off Set Handrail, ADA Attachment, Add	12.22	
For Aluminum, Satin Finish, Add	30.14	
For Aluminum, Clear Anodized Finish, Add	46.64	
For Aluminum, Dark Anodized Finish, Add	53.82	
For Galvanizing, Add	28.70	
For Wrought Iron, Add	9.04	
For Solid Steel Rails, Add	18.09	
For 304 Stainless Steel, Add	229.63	
For 316 Stainless Steel, Add	258.34	
For 2" Wheel Guard, Add	6.82	
For 4" High Kick Plate, Add	8.97	
For 6" High Kick Plate, Add	14.35	
For Curved Rail, Add	48.66	
For Mounting On Stairs, Add	9.98	
For Mounting On Slopes, Add	1.87	
For Post Base Flange With Screws, Add Per Post	19.37	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.30	
For Custom Design Or Shapes (Square Tops, etc), Add	40.55	
For Nylon Coating, Add	10.76	
<b>05 52 13 00-0026 Railing Infill Panels (05 52 13)</b>		
Note: Includes field welds and touch-up of welds.		
<b>05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels (05 52 13 00-0026)</b>		
Note: Square weave or square welded wire mesh.		
05 52 13 00-0028 SF Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	7.46	
05 52 13 00-0029 SF Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	7.92	
05 52 13 00-0030 SF Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	8.33	
05 52 13 00-0031 SF Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	14.08	
<b>05 52 13 00-0032 Perforated Metal, Railing Infill Panels (05 52 13 00-0026)</b>		
05 52 13 00-0033 SF Powder Coated Steel, Perforated Metal, Railing Infill Panel .....	7.32	
05 52 13 00-0034 SF Galvanized Steel, Perforated Metal, Railing Infill Panel .....	7.56	
05 52 13 00-0035 SF Aluminum, Perforated Metal, Railing Infill Panel .....	8.10	
05 52 13 00-0036 SF Stainless Steel, Perforated Metal, Railing Infill Panel .....	16.25	
<b>05 52 13 00-0037 Expanded Metal, Railing Infill Panels (05 52 13 00-0026)</b>		
05 52 13 00-0038 SF Powder Coated Steel, Expanded Metal, Railing Infill Panel .....	3.30	
05 52 13 00-0039 SF Galvanized Steel, Expanded Metal, Railing Infill Panel .....	6.74	
05 52 13 00-0040 SF Aluminum, Expanded Metal, Railing Infill Panel .....	8.86	
05 52 13 00-0041 SF Stainless Steel, Expanded Metal, Railing Infill Panel .....	13.20	
<b>05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)</b>		
Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0043 LF 1" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	26.91	4.00
For Stainless Steel, Add	33.82	
For Aluminum, Satin Finish, Add	7.10	
For Curved Rail, Add	8.07	
For Aluminum, Clear Anodized Finish, Add	10.99	
For Aluminum, Dark Anodized Finish, Add	12.68	
For Galvanized Finish, Add	5.07	
05 52 13 00-0044 LF 1-1/4" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	27.45	4.00
For Stainless Steel, Add	34.90	
For Aluminum, Satin Finish, Add	7.33	
For Curved Rail, Add	8.24	
For Aluminum, Clear Anodized Finish, Add	11.34	
For Aluminum, Dark Anodized Finish, Add	13.09	
For Galvanized Finish, Add	5.24	

<b>05</b>	<b>Metals</b>
<b>05 50</b>	<b>Metal Fabrications</b>
<b>05 52</b>	<b>Metal Railings</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0045	LF	1-1/2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	28.00	4.00
		<i>For Stainless Steel, Add</i>	36.00	
		<i>For Aluminum, Satin Finish, Add</i>	7.56	
		<i>For Curved Rail, Add</i>	8.40	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	11.70	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	13.50	
		<i>For Galvanized Finish, Add</i>	5.40	
05 52 13 00-0046	LF	2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	34.27	4.00
		<i>For Stainless Steel, Add</i>	48.54	
		<i>For Aluminum, Satin Finish, Add</i>	10.19	
		<i>For Curved Rail, Add</i>	10.28	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.78	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	18.20	
		<i>For Galvanized Finish, Add</i>	7.28	
05 52 13 00-0047	LF	2-1/2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	39.45	4.00
		<i>For Stainless Steel, Add</i>	58.90	
		<i>For Aluminum, Satin Finish, Add</i>	12.37	
		<i>For Curved Rail, Add</i>	11.84	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	19.14	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	22.09	
		<i>For Galvanized Finish, Add</i>	8.84	
<b>05 52 13 00-0048</b>		<b>Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings</b> <small>(05 52 13)</small>		
		Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	33.32	4.20
		<i>For Stainless Steel, Add</i>	46.64	
		<i>For Aluminum, Satin Finish, Add</i>	9.79	
		<i>For Curved Rail, Add</i>	10.00	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.16	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.49	
		<i>For Galvanized Finish, Add</i>	7.00	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	34.08	4.20
		<i>For Stainless Steel, Add</i>	48.16	
		<i>For Aluminum, Satin Finish, Add</i>	10.11	
		<i>For Curved Rail, Add</i>	10.22	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.65	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	18.06	
		<i>For Galvanized Finish, Add</i>	7.22	
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	34.65	4.20
		<i>For Stainless Steel, Add</i>	49.30	
		<i>For Aluminum, Satin Finish, Add</i>	10.35	
		<i>For Curved Rail, Add</i>	10.40	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	16.02	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	18.49	
		<i>For Galvanized Finish, Add</i>	7.40	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	43.41	4.20
		<i>For Stainless Steel, Add</i>	66.82	
		<i>For Aluminum, Satin Finish, Add</i>	14.03	
		<i>For Curved Rail, Add</i>	13.02	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	21.72	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	25.06	
		<i>For Galvanized Finish, Add</i>	10.02	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	49.14	4.20
		<i>For Stainless Steel, Add</i>	78.28	
		<i>For Aluminum, Satin Finish, Add</i>	16.44	
		<i>For Curved Rail, Add</i>	14.74	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	25.44	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	29.36	
		<i>For Galvanized Finish, Add</i>	11.74	
<b>05 52 13 00-0054</b>		<b>Remove And Reinstall Pipe Railing</b> <small>(05 52 13)</small>		
05 52 13 00-0055	LF	Remove And Reinstall Wall Bracket Mounted Pipe Railing .....	15.01	
05 52 13 00-0056	LF	Remove And Reinstall Floor Mounted Pipe Railing .....	19.78	
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket .....	36.29	
		<i>For Stainless Steel, Add</i>	32.56	

## 05 53 Metal Gratings (05 50)

### 05 53 13 Bar Gratings (05 53)

#### 05 53 13 00-0001 Welded Grating (05 53 13)

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

#### 05 53 13 00-0002 Steel, Welded Grating (05 53 13 00-0001)

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Gratings	05 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0003 SF 3/4" x 1/8" Steel, Welded Grating ..... 7.18		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	0.97	
For 304 Stainless Steel, Add	18.36	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	1.67	
For Crossbars At 2" O.C., Add	0.62	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.12	
05 53 13 00-0004 SF 3/4" x 3/16" Steel, Welded Grating ..... 9.55		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.38	
For 304 Stainless Steel, Add	25.97	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	2.36	
For Crossbars At 2" O.C., Add	0.87	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.18	
05 53 13 00-0005 SF 1" x 1/8" Steel, Welded Grating ..... 8.70		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.23	
For 304 Stainless Steel, Add	23.24	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	2.11	
For Crossbars At 2" O.C., Add	0.78	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.16	
05 53 13 00-0006 SF 1" x 3/16" Steel, Welded Grating ..... 11.92		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.78	
For 304 Stainless Steel, Add	33.58	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	3.05	
For Crossbars At 2" O.C., Add	1.13	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.24	
05 53 13 00-0007 SF 1" x 1/4" Steel, Welded Grating ..... 15.14		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	2.33	
For 304 Stainless Steel, Add	43.91	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	3.99	
For Crossbars At 2" O.C., Add	1.48	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.32	
05 53 13 00-0008 SF 1-1/4" x 1/8" Steel, Welded Grating ..... 10.24		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.49	
For 304 Stainless Steel, Add	28.18	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	2.56	
For Crossbars At 2" O.C., Add	0.95	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.20	
05 53 13 00-0009 SF 1-1/4" x 3/16" Steel, Welded Grating ..... 14.15		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	2.16	
For 304 Stainless Steel, Add	40.73	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	3.71	
For Crossbars At 2" O.C., Add	1.37	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.30	
05 53 13 00-0010 SF 1-1/2" x 1/8" Steel, Welded Grating ..... 11.78		0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	1.75	
For 304 Stainless Steel, Add	33.13	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	3.01	
For Crossbars At 2" O.C., Add	1.11	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.24	
05 53 13 00-0011 SF 1-1/2" x 3/16" Steel, Welded Grating ..... 16.85		0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	2.56	
For 304 Stainless Steel, Add	48.31	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	4.39	
For Crossbars At 2" O.C., Add	1.63	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0012	SF		1-1/2" x 1/4" Steel, Welded Grating .....	21.74	0.90
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.39	
			For 304 Stainless Steel, Add	64.01	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	5.82	
			For Crossbars At 2" O.C., Add	2.15	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.70	
05 53 13 00-0013	SF		1-3/4" x 3/16" Steel, Welded Grating .....	19.23	0.90
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.96	
			For 304 Stainless Steel, Add	55.95	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	5.09	
			For Crossbars At 2" O.C., Add	1.88	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.64	
05 53 13 00-0014	SF		2" x 3/16" Steel, Welded Grating.....	21.47	0.90
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.34	
			For 304 Stainless Steel, Add	63.14	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	5.74	
			For Crossbars At 2" O.C., Add	2.12	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.70	
05 53 13 00-0015	SF		2-1/4" x 3/16" Steel, Welded Grating .....	23.84	0.90
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.75	
			For 304 Stainless Steel, Add	70.75	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	6.44	
			For Crossbars At 2" O.C., Add	2.38	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.76	
05 53 13 00-0016	SF		2-1/2" x 3/16" Steel, Welded Grating .....	26.07	0.90
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.13	
			For 304 Stainless Steel, Add	77.91	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	7.09	
			For Crossbars At 2" O.C., Add	2.62	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.81	
05 53 13 00-0017			<b>Pressure Locked Grating</b> <small>(05 53 13)</small>		
			Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018			<b>Steel, Pressure Locked Grating</b> <small>(05 53 13 00-0017)</small>		
			Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019	SF		3/4" x 1/8" Steel, Pressure Locked Grating.....	13.39	0.74
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	1.96	
			For 304 Stainless Steel, Add	22.32	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	3.48	
			For Crossbars At 2" O.C., Add	1.29	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.28	
05 53 13 00-0020	SF		3/4" x 3/16" Steel, Pressure Locked Grating.....	16.44	0.74
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.46	
			For 304 Stainless Steel, Add	28.03	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	4.37	
			For Crossbars At 2" O.C., Add	1.62	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.35	
05 53 13 00-0021	SF		1" x 1/8" Steel, Pressure Locked Grating.....	14.70	0.74
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.17	
			For 304 Stainless Steel, Add	24.77	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			For Bearing Bars At 15/16" O.C., Add	3.87	
			For Crossbars At 2" O.C., Add	1.43	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-1.31	



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Gratings	05 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0022 SF 1" x 3/16" Steel, Pressure Locked Grating.....	19.93	0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.03	
For 304 Stainless Steel, Add	34.56	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 7/16" O.C., Add	26.78	
For Bearing Bars At 15/16" O.C., Add	5.39	
For Crossbars At 2" O.C., Add	1.99	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.44	
05 53 13 00-0023 SF 1-1/4" x 1/8" Steel, Pressure Locked Grating.....	16.44	0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	2.46	
For 304 Stainless Steel, Add	28.03	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	4.37	
For Crossbars At 2" O.C., Add	1.62	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.35	
05 53 13 00-0024 SF 1-1/4" x 3/16" Steel, Pressure Locked Grating.....	22.35	0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.43	
For 304 Stainless Steel, Add	39.09	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	6.10	
For Crossbars At 2" O.C., Add	2.26	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.50	
05 53 13 00-0025 SF 1-1/2" x 1/8" Steel, Pressure Locked Grating.....	18.27	0.74
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	2.76	
For 304 Stainless Steel, Add	31.45	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	4.91	
For Crossbars At 2" O.C., Add	1.82	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.40	
05 53 13 00-0026 SF 1-1/2" x 3/16" Steel, Pressure Locked Grating.....	25.23	0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.84	
For 304 Stainless Steel, Add	43.84	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 7/16" O.C., Add	33.97	
For Bearing Bars At 15/16" O.C., Add	6.84	
For Crossbars At 2" O.C., Add	2.53	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.79	
05 53 13 00-0027 SF 1-3/4" x 3/16" Steel, Pressure Locked Grating.....	27.78	0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.26	
For 304 Stainless Steel, Add	48.61	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	7.59	
For Crossbars At 2" O.C., Add	2.81	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.86	
05 53 13 00-0028 SF 2" x 3/16" Steel, Pressure Locked Grating.....	29.86	0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.60	
For 304 Stainless Steel, Add	52.50	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	8.19	
For Crossbars At 2" O.C., Add	3.03	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.91	
05 53 13 00-0029 SF 2-1/4" x 3/16" Steel, Pressure Locked Grating.....	31.86	0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.93	
For 304 Stainless Steel, Add	56.24	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	8.78	
For Crossbars At 2" O.C., Add	3.25	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-1.96	
05 53 13 00-0030 SF 2-1/2" x 3/16" Steel, Pressure Locked Grating.....	33.59	0.90
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	5.21	
For 304 Stainless Steel, Add	59.48	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
For Bearing Bars At 15/16" O.C., Add	9.28	
For Crossbars At 2" O.C., Add	3.43	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.00	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating (05 53 13 00-0017)  
 Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0032	SF		3/4" x 1/8" Aluminum, Pressure Locked Grating .....	9.71	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	2.41	
			<i>For Crossbars At 2" O.C., Add</i>	0.89	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.18	
05 53 13 00-0033	SF		3/4" x 3/16" Aluminum, Pressure Locked Grating .....	13.09	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	3.40	
			<i>For Crossbars At 2" O.C., Add</i>	1.26	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.27	
05 53 13 00-0034	SF		1" x 1/8" Aluminum, Pressure Locked Grating .....	12.36	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	3.18	
			<i>For Crossbars At 2" O.C., Add</i>	1.18	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.25	
05 53 13 00-0035	SF		1" x 3/16" Aluminum, Pressure Locked Grating .....	16.74	0.74
			<i>For Bearing Bars At 7/16" O.C., Add</i>	22.16	
			<i>For Bearing Bars At 15/16" O.C., Add</i>	4.46	
			<i>For Crossbars At 2" O.C., Add</i>	1.65	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.36	
05 53 13 00-0036	SF		1-1/4" x 1/8" Aluminum, Pressure Locked Grating .....	14.29	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	3.75	
			<i>For Crossbars At 2" O.C., Add</i>	1.39	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.30	
05 53 13 00-0037	SF		1-1/4" x 3/16" Aluminum, Pressure Locked Grating .....	19.06	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	5.14	
			<i>For Crossbars At 2" O.C., Add</i>	1.90	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.42	
05 53 13 00-0038	SF		1-1/2" x 1/8" Aluminum, Pressure Locked Grating .....	16.10	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	4.27	
			<i>For Crossbars At 2" O.C., Add</i>	1.58	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.34	
05 53 13 00-0039	SF		1-1/2" x 3/16" Aluminum, Pressure Locked Grating .....	21.45	0.74
			<i>For Bearing Bars At 7/16" O.C., Add</i>	28.99	
			<i>For Bearing Bars At 15/16" O.C., Add</i>	5.84	
			<i>For Crossbars At 2" O.C., Add</i>	2.16	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.48	
05 53 13 00-0040	SF		1-3/4" x 3/16" Aluminum, Pressure Locked Grating .....	23.74	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	6.51	
			<i>For Crossbars At 2" O.C., Add</i>	2.41	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.54	
05 53 13 00-0041	SF		2" x 3/16" Aluminum, Pressure Locked Grating .....	26.45	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	7.30	
			<i>For Crossbars At 2" O.C., Add</i>	2.70	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.60	
05 53 13 00-0042	SF		2-1/4" x 3/16" Aluminum, Pressure Locked Grating .....	28.58	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	7.92	
			<i>For Crossbars At 2" O.C., Add</i>	2.93	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.66	
05 53 13 00-0043	SF		2-1/2" x 3/16" Aluminum, Pressure Locked Grating .....	31.11	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	8.66	
			<i>For Crossbars At 2" O.C., Add</i>	3.20	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.72	
05 53 13 00-0044			<b>Swage Locked Grating</b> <small>(05 53 13)</small> Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05 53 13 00-0045			<b>Steel, Swage Locked Grating</b> <small>(05 53 13 00-0044)</small> Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0046	SF		1" x 3/16" Steel, Swaged Grating .....	21.79	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	1.87	
			<i>For 304 Stainless Steel, Add</i>	33.71	
			Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
			<i>For Bearing Bars At 15/16" O.C., Add</i>	13.01	
			<i>For Crossbars At 2" O.C., Add</i>	1.63	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.49	



	<b>Metals</b>	<b>05</b>	<b>05</b>
	Metal Fabrications	05 50	
	Metal Gratings	05 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0047	SF		1-1/4" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	24.29 0.22 2.10 37.85 14.61 1.83 0.16 -1.55	0.74
05 53 13 00-0048	SF		1-1/2" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	26.60 0.22 2.28 41.12 15.87 1.98 0.16 -1.83	0.90
05 53 13 00-0049	SF		1-3/4" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	30.44 0.22 2.63 47.49 18.33 2.29 0.16 -1.92	0.90
05 53 13 00-0050	SF		2" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	34.30 0.22 2.99 53.89 20.80 2.60 0.16 -2.02	0.90
05 53 13 00-0051	SF		2-1/4" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	38.14 0.22 3.34 60.25 23.26 2.91 0.16 -2.11	0.90
05 53 13 00-0052	SF		2-1/2" x 3/16" Steel, Swaged Grating ..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	42.00 0.22 3.70 66.65 25.73 3.22 0.16 -2.21	0.90
05 53 13 00-0053			<b>Aluminum Grating, Type 6063, Swage Locked</b> (05 53 13 00-0044) Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		
05 53 13 00-0054	SF		1" x 1/8" Aluminum, Swaged Grating ..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	11.43 6.38 0.80 0.16 -1.23	0.74
05 53 13 00-0055	SF		1" x 3/16" Aluminum, Swaged Grating ..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	14.77 8.52 1.06 0.16 -1.31	0.74
05 53 13 00-0056	SF		1-1/4" x 1/8" Aluminum, Swaged Grating ..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	12.93 7.34 0.92 0.16 -1.26	0.74
05 53 13 00-0057	SF		1-1/4" x 3/16" Aluminum, Swaged Grating ..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	17.01 9.95 1.24 0.16 -1.37	0.74
05 53 13 00-0058	SF		1-1/2" x 1/8" Aluminum, Swaged Grating ..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	14.71 8.48 1.06 0.16 -1.31	0.74

**05 Metals****05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0059	SF		1-1/2" x 3/16" Aluminum, Swaged Grating.....	19.42	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	11.49	
			<i>For Crossbars At 2" O.C., Add</i>	1.44	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.43	
05 53 13 00-0060	SF		1-3/4" x 3/16" Aluminum, Swaged Grating.....	22.19	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	13.27	
			<i>For Crossbars At 2" O.C., Add</i>	1.66	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.50	
05 53 13 00-0061	SF		2" x 3/16" Aluminum, Swaged Grating.....	24.95	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	15.03	
			<i>For Crossbars At 2" O.C., Add</i>	1.88	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.57	
05 53 13 00-0062	SF		2-1/4" x 3/16" Aluminum, Swaged Grating.....	27.72	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	16.81	
			<i>For Crossbars At 2" O.C., Add</i>	2.10	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.63	
05 53 13 00-0063	SF		2-1/2" x 3/16" Aluminum, Swaged Grating.....	30.47	0.74
			<i>For Bearing Bars At 15/16" O.C., Add</i>	18.57	
			<i>For Crossbars At 2" O.C., Add</i>	2.32	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting, Deduct</i>	-1.70	
05 53 13 00-0064			<b>Riveted Grating</b> <small>(05 53 13)</small>		
			Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065			<b>Steel, Riveted Grating</b> <small>(05 53 13 00-0064)</small>		
			Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF		3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating.....	41.22	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	1.91	
			<i>For 304 Stainless Steel, Add</i>	34.15	
			<i>For 5/8" Clear Opening, Add</i>	13.72	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-1.97	
05 53 13 00-0067	SF		3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....	48.50	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.26	
			<i>For 304 Stainless Steel, Add</i>	40.41	
			<i>For 5/8" Clear Opening, Add</i>	16.23	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.15	
05 53 13 00-0068	SF		1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	44.57	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.07	
			<i>For 304 Stainless Steel, Add</i>	37.03	
			<i>For 5/8" Clear Opening, Add</i>	14.87	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.06	
05 53 13 00-0069	SF		1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	51.27	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.39	
			<i>For 304 Stainless Steel, Add</i>	42.79	
			<i>For 5/8" Clear Opening, Add</i>	17.18	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.22	
05 53 13 00-0070	SF		1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....	47.35	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.20	
			<i>For 304 Stainless Steel, Add</i>	39.42	
			<i>For 5/8" Clear Opening, Add</i>	15.83	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.13	
05 53 13 00-0071	SF		1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating.....	56.44	0.74
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.64	
			<i>For 304 Stainless Steel, Add</i>	47.23	
			<i>For 5/8" Clear Opening, Add</i>	18.97	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.35	
05 53 13 00-0072	SF		1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating.....	50.36	0.90
			<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
			<i>For Galvanized Steel, Add</i>	2.33	
			<i>For 304 Stainless Steel, Add</i>	41.71	
			<i>For 5/8" Clear Opening, Add</i>	16.75	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.42	





	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Gratings	05 53

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0073	SF		1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	60.08 0.22 2.80 50.06 20.11 0.16 -2.66	0.90
05 53 13 00-0074	SF		1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	65.04 0.22 3.04 54.32 21.82 0.16 -2.79	0.90
05 53 13 00-0075	SF		2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	76.11 0.22 3.57 63.83 25.64 0.16 -3.06	0.90
05 53 13 00-0076	SF		2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	79.96 0.22 3.75 67.14 26.97 0.16 -3.16	0.90
05 53 13 00-0077	SF		2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	83.40 0.22 3.92 70.09 28.15 0.16 -3.25	0.90
<b>05 53 13 00-0078</b>			<b>Aluminum, Riveted Grating</b> (05 53 13 00-0064) Note: 1" clear opening, bolted in place and in all sizes.		
05 53 13 00-0079	SF		3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	24.23 7.86 -1.55	0.74
05 53 13 00-0080	SF		3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	28.74 9.41 -1.66	0.74
05 53 13 00-0081	SF		1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	26.64 8.69 0.16 -1.61	0.74
05 53 13 00-0082	SF		1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	31.04 10.21 0.16 -1.72	0.74
05 53 13 00-0083	SF		1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	29.86 9.80 0.16 -1.69	0.74
05 53 13 00-0084	SF		1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	35.97 11.91 0.16 -1.84	0.74
05 53 13 00-0085	SF		1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	32.06 10.56 0.16 -1.74	0.74
05 53 13 00-0086	SF		1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	39.82 13.23 0.16 -1.94	0.74
05 53 13 00-0087	SF		1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	43.88 14.63 0.16 -2.04	0.74
05 53 13 00-0088	SF		2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	52.24 17.52 0.16 -2.25	0.74
05 53 13 00-0089	SF		2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	56.97 19.15 0.16 -2.37	0.74
05 53 13 00-0090	SF		2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating..... <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	63.33 21.35 0.16 -2.52	0.74

05	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 54 Metal Floor Plates</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 54 Metal Floor Plates (05 50)

<b>05 54 00 00-0001</b>	<b>Steel Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0002	SF 16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	10.36	0.87
05 54 00 00-0003	SF 14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	11.82	0.87
05 54 00 00-0004	SF 12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	14.77	0.87
05 54 00 00-0005	SF 1/8" Steel Raised Or Diamond Pattern Floor Plates.....	19.74	0.93
05 54 00 00-0006	SF 1/4" Steel Raised Or Diamond Pattern Floor Plates.....	25.03	1.00

<b>05 54 00 00-0007</b>	<b>Aluminum Alloy Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0008	SF 0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	15.29	0.74
05 54 00 00-0009	SF 0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	17.55	0.87
05 54 00 00-0010	SF 0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	19.82	0.93

<b>05 54 00 00-0011</b>	<b>Type 304 Stainless Steel Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0012	SF 1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	26.08	1.00
	<i>For 3/16" Stainless Steel, Add</i>	7.38	
05 54 00 00-0013	SF 3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	31.19	1.13
	<i>For 3/16" Stainless Steel, Add</i>	8.86	
05 54 00 00-0014	SF 1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	40.45	1.33
	<i>For 3/16" Stainless Steel, Add</i>	11.57	

05 55 Metal Stair Treads And Nosings (05 50)

<b>05 55 13</b>	<b>Metal Stair Treads</b> <small>(05 55)</small>		
<b>05 55 13 00-0001</b>	<b>Abrasive Cast Aluminum Stair Treads</b> <small>(05 55 13)</small>		
	Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0002	LF 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	34.63	2.63
	<i>For 3/8" Thick, Add</i>	7.61	
05 55 13 00-0003	LF 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	38.31	2.63
	<i>For 3/8" Thick, Add</i>	8.53	
05 55 13 00-0004	LF 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	41.98	2.63
	<i>For 3/8" Thick, Add</i>	9.44	
05 55 13 00-0005	LF 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	45.67	2.63
	<i>For 3/8" Thick, Add</i>	10.37	
05 55 13 00-0006	LF 12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	49.33	2.63
	<i>For 3/8" Thick, Add</i>	11.28	

<b>05 55 13 00-0007</b>	<b>Abrasive Cast Iron Stair Treads</b> <small>(05 55 13)</small>		
	Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF 8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	48.90	2.63
05 55 13 00-0009	LF 9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	54.35	2.63
05 55 13 00-0010	LF 10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	59.81	2.63
05 55 13 00-0011	LF 11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	65.26	2.63
05 55 13 00-0012	LF 12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	70.72	2.63

<b>05 55 13 00-0013</b>	<b>Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads</b> <small>(05 55 13)</small>		
	Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF 6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	17.43	2.63
05 55 13 00-0015	LF 9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	20.76	2.63
05 55 13 00-0016	LF 11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	22.23	2.63

<b>05 55 13 00-0017</b>	<b>Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads</b> <small>(05 55 13)</small>		
	Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	26.63	2.63
	<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
	<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0019	LF 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	26.90	2.63
	<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
	<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0020	LF 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	32.90	2.63
	<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
	<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0021	LF 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	38.15	2.63
	<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
	<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0022	LF 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	45.00	2.63
	<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
	<i>For Two Color Tread, Add</i>	1.74	



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Stair Treads And Nosings	05 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 55 13 00-0023 Stair Landing Treads</b> <small>(05 55 13)</small>		
<b>05 55 13 00-0024 Abrasive Cast Aluminum Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
<small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 13 00-0025 SF 5/16" Thick, Abrasive Cast Aluminum Landing Treads.....	49.33	2.63
<small>For 3/8" Thick, Add</small>	<small>11.28</small>	
<b>05 55 13 00-0026 Abrasive Cast Iron Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
<small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 13 00-0027 SF 3/8" Thick, Abrasive Cast Iron Landing Treads.....	70.72	2.63
<b>05 55 13 00-0028 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
<small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.</small>		
05 55 13 00-0029 SF 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads .....	45.60	2.63
<small>For Epoxy Sealed For Corrosive Environment, Add</small>	<small>2.31</small>	
<b>05 55 13 00-0030 Open Cast Iron Stair Tread</b> <small>(05 55 13)</small>		
<small>Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.</small>		
05 55 13 00-0031 RSR 3'-6" Wide, Open Cast Iron Stair Tread.....	360.56	26.67
<small>For Closed Riser, Add</small>	<small>30.80</small>	
05 55 13 00-0032 RSR 4'-0" Wide, Open Cast Iron Stair Tread.....	405.80	30.67
<small>For Closed Riser, Add</small>	<small>34.57</small>	
05 55 13 00-0033 RSR 5'-0" Wide, Open Cast Iron Stair Tread.....	447.78	36.01
<small>For Closed Riser, Add</small>	<small>38.09</small>	
<b>05 55 16 Metal Stair Nosings</b> <small>(05 55)</small>		
<b>05 55 16 00-0001 Abrasive Cast Aluminum Nosings</b> <small>(05 55 16)</small>		
<small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 16 00-0002 LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	14.16	1.79
<small>For 3/8" Thick, Add</small>	<small>2.82</small>	
05 55 16 00-0003 LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	17.72	1.79
<small>For 3/8" Thick, Add</small>	<small>3.71</small>	
05 55 16 00-0004 LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	25.63	1.79
<small>For 3/8" Thick, Add</small>	<small>5.69</small>	
<b>05 55 16 00-0005 Abrasive Cast Iron Nosings</b> <small>(05 55 16)</small>		
<small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 16 00-0006 LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	16.76	1.79
<small>For 3/8" Thick, Add</small>	<small>3.47</small>	
05 55 16 00-0007 LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	21.13	1.79
<small>For 3/8" Thick, Add</small>	<small>4.56</small>	
05 55 16 00-0008 LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	29.77	1.79
<small>For 3/8" Thick, Add</small>	<small>6.72</small>	
<b>05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings</b> <small>(05 55 16)</small>		
<small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.</small>		
05 55 16 00-0010 LF 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	11.76	1.79
05 55 16 00-0011 LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	13.47	1.79
05 55 16 00-0012 LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	14.78	1.79
05 55 16 00-0013 LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	18.84	1.79
05 55 16 00-0014 LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	12.22	1.79
05 55 16 00-0015 LF 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	13.68	1.79
05 55 16 00-0016 LF 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	15.12	1.79
05 55 16 00-0017 LF 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	14.24	1.79
<b>05 56 Metal Castings</b> <small>(05 50)</small>		
<b>05 56 00 00-0001 Castings</b> <small>(05 50)</small>		
05 56 00 00-0002 LB Up To 150 LB, Miscellaneous Castings, Light Section .....	2.88	0.34
05 56 00 00-0003 LB >150 LB, Miscellaneous Castings, Heavy Section.....	4.85	0.27
<b>05 58 Formed Metal Fabrications</b> <small>(05 50)</small>		
<b>05 58 16 Formed Metal Enclosures</b> <small>(05 58)</small>		
<b>05 58 16 00-0001 Drip Pan</b> <small>(05 58 16)</small>		
05 58 16 00-0002 SF Stainless Steel Drip Pan .....	56.84	3.42
05 58 16 00-0003 SF Galvanized Steel Drip Pan.....	56.15	3.42
05 58 16 00-0004 SF Aluminum Drip Pan.....	39.41	2.73
05 58 16 00-0005 SF Plastic Drip Pan .....	10.21	2.39

<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 58 Formed Metal Fabrications</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**05 58 23 Formed Metal Guards** (05 58)

05 58 23 00-0001	EA	Protective Guard Rails <small>(05 58 23)</small> Note: Includes painted finish.		
05 58 23 00-0002	EA	2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0001)</small> Note: Steel King Armor Guard.		
05 58 23 00-0003	EA	Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0002)</small> Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	100.07	8.61
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	118.46	8.61
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	135.81	8.61
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	154.19	8.61
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	171.64	8.61
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	194.25	8.61
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	209.65	8.61
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	233.51	8.61
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	249.16	8.61
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	260.34	8.61

**05 58 23 00-0014 Posts For 2-Rib Guard Rails** (05 58 23 00-0002)

		Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails .....	198.87	17.94
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails .....	262.73	17.94

**05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0001)

Note: Steel King Steel Guard.

**05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0017)

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	111.16	8.61
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	123.38	8.61
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	138.64	8.61
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	152.90	8.61
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	169.40	8.61
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	177.35	8.61
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	196.48	8.61
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	212.63	8.61
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	229.78	8.61
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	247.17	8.61

**05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0017)

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	166.17	8.61
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	179.59	8.61
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	193.50	8.61
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	209.65	8.61
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	225.80	8.61
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	238.97	8.61
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	254.13	8.61
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	271.27	8.61
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	289.66	8.61
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	305.81	8.61

**05 58 23 00-0040 Posts For 3-Rib Guard Rails** (05 58 23 00-0017)

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails .....	173.43	17.94
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails .....	225.21	17.94

**05 58 23 00-0043 All-Welded, Protective Guards** (05 58 23)

Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.

**05 58 23 00-0044 All-Welded, Protective Guards** (05 58 23 00-0043)

05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	225.99	23.92
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	238.41	23.92
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	245.62	23.92
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	256.30	23.92
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	253.82	23.92
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	266.99	23.92
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	270.71	23.92
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	274.94	23.92
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	295.06	23.92



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Formed Metal Fabrications	05 58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 58 23 00-0054</b> <b>Corner Style, All-Welded, Protective Guards</b> <small>(05 58 23 00-0043)</small>		
05 58 23 00-0055    EA    24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	303.02	23.92
05 58 23 00-0056    EA    30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	317.92	23.92
05 58 23 00-0057    EA    24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	324.14	23.92
05 58 23 00-0058    EA    30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	354.70	23.92
<b>05 58 23 00-0059</b> <b>Warehouse Safety Bollards</b> <small>(05 58 23)</small>		
Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060    EA    24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	140.35	17.94
05 58 23 00-0061    EA    36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	164.90	17.94
05 58 23 00-0062    EA    42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	190.89	17.94
05 58 23 00-0063    EA    36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	197.99	17.94
05 58 23 00-0064    EA    42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	214.39	17.94
<b>05 59</b> <b>Metal Specialties</b> <small>(05 50)</small>		
<b>05 59 65</b> <b>Chain</b> <small>(05 59)</small>		
<b>05 59 65 00-0001</b> <b>Alloy Steel Chain, Self Colored, Cut Length</b> <small>(05 59 65)</small>		
Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002    LF    3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	3.47	0.65
For Plastic Dipped, Add		0.33
05 59 65 00-0003    LF    1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	4.66	0.87
For Plastic Dipped, Add		0.44
05 59 65 00-0004    LF    3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	7.41	1.73
For Plastic Dipped, Add		0.59
05 59 65 00-0005    LF    1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	11.90	2.92
For Plastic Dipped, Add		0.91
05 59 65 00-0006    LF    5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	20.09	4.93
For Plastic Dipped, Add		1.53
05 59 65 00-0007    LF    3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	28.20	6.92
For Plastic Dipped, Add		2.15
05 59 65 00-0008    LF    7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	38.36	8.65
For Plastic Dipped, Add		3.16
05 59 65 00-0009    LF    1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	55.35	11.53
For Plastic Dipped, Add		4.84
05 59 65 00-0010    LF    1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	89.84	17.30
For Plastic Dipped, Add		8.29
<b>05 70</b> <b>Decorative Metal</b> <small>(05)</small>		
Note: Includes anchors and related accessories.		
<b>05 73</b> <b>Decorative Metal Railings</b> <small>(05 70)</small>		
Note: Factory primed. Includes brackets.		
<b>05 73 00 00-0001</b> <b>Railings; Vertical Square Bars At 6"</b> <small>(05 73)</small>		
Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).		
05 73 00 00-0002    LF    Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	55.82	7.33
For Rake Or Angle Railings, Add		7.05
For Curved Railings, Add		16.78
For 4" On Center Standards, Add		1.97
For 4-1/2" On Center Standards, Add		1.58
For 5" On Center Standards, Add		1.05
For 5-1/2" On Center Standards, Add		0.53
For Each Field Bending Of Rails, Add		9.89
For Galvanized, Add		3.68
05 73 00 00-0003    LF    Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	69.73	10.00
For Rake Or Angle Railings, Add		9.24
For Curved Railings, Add		19.77
For 4" On Center Standards, Add		2.18
For 4-1/2" On Center Standards, Add		1.74
For 5" On Center Standards, Add		1.16
For 5-1/2" On Center Standards, Add		0.58
For Each Field Bending Of Rails, Add		12.66
05 73 00 00-0004    LF    Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	176.08	16.68
For Rake Or Angle Railings, Add		18.31
For Curved Railings, Add		63.98
For 4" On Center Standards, Add		8.80
For 4-1/2" On Center Standards, Add		7.04
For 5" On Center Standards, Add		4.70
For 5-1/2" On Center Standards, Add		2.35
For Each Field Bending Of Rails, Add		17.17
05 73 00 00-0005    LF    Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	192.00	13.33
For Rake Or Angle Railings, Add		18.85
For Curved Railings, Add		72.91
For 4" On Center Standards, Add		10.34
For 4-1/2" On Center Standards, Add		8.27
For 5" On Center Standards, Add		5.51
For 5-1/2" On Center Standards, Add		2.76
For Each Field Bending Of Rails, Add		16.04

**05 Metals****05 70 Decorative Metal****05 73 Decorative Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 00 00-0006	LF		Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High .....	133.03	20.34
			<i>For Rake Or Angle Railings, Add</i>	13.42	
			<i>For Curved Railings, Add</i>	49.51	
			<i>For 4" On Center Standards, Add</i>	6.93	
			<i>For 4-1/2" On Center Standards, Add</i>	5.54	
			<i>For 5" On Center Standards, Add</i>	3.69	
			<i>For 5-1/2" On Center Standards, Add</i>	1.85	
			<i>For Each Field Bending Of Rails, Add</i>	12.67	
<b>05 73 00 00-0007</b>			<b>Laminated Metal Or Wood Handrails With Metal Supports <small>(05 73)</small></b>		
05 73 00 00-0008	LF		2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports .....	161.00	3.33
			<i>For Rake Or Angle Railings, Add</i>	11.98	
			<i>For Curved Railings, Add</i>	71.87	
			<i>For 4" On Center Standards, Add</i>	11.19	
			<i>For 4-1/2" On Center Standards, Add</i>	8.95	
			<i>For 5" On Center Standards, Add</i>	5.97	
			<i>For 5-1/2" On Center Standards, Add</i>	2.98	
			<i>For Each Field Bending Of Rails, Add</i>	5.47	
<b>05 73 00 00-0009</b>			<b>Plain Handrails <small>(05 73)</small></b>		
05 73 00 00-0010	LF		2" Brass Handrail .....	28.78	6.73
05 73 00 00-0011	EA		90 Degree Angle For 2" Brass Handrail .....	68.13	26.42
05 73 00 00-0012	EA		End Cap For 2" Brass Handrail .....	31.84	13.25
05 73 00 00-0013	EA		Brass Bracket And Joint For 2" Brass Handrail .....	52.02	26.42
05 73 00 00-0014	LF		2" Stainless Steel Handrail .....	52.73	12.25
<b>05 73 00 00-0015</b>			<b>Restoration Of Existing Metal Handrail And Railing <small>(05 73)</small></b>		
			Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0365 for painting.		
05 73 00 00-0016	LF		Refinish Metal Handrail .....	4.97	
05 73 00 00-0017	LF		Refinish Wrought Iron Balustrade .....	4.93	
<b>05 73 00 00-0018</b>			<b>Remove And Reinstall Ornamental Railing <small>(05 73)</small></b>		
05 73 00 00-0019	LF		Remove And Reinstall Ornamental Handrail And Pickets .....	61.35	
<b>05 73 00 00-0020</b>			<b>Fabricated Railings For Stormwater Structures <small>(05 73)</small></b>		
			Note: Factory primed.		
05 73 00 00-0021	SF		Steel Rails And Pickets At Stormwater Structures, Embedded Mount .....	25.20	1.68
			Note: Includes shop prime and paint.		
			<i>For Surface Bolt-on Installation (Excludes Drilling And Fasteners), Add</i>	0.31	
			<i>For Mounting On Slope, Add</i>	1.57	
			<i>For Powder Coated Finish, Add</i>	2.87	
			<i>For Aluminum, Satin Finish, Add</i>	6.73	
			<i>For Galvanized Finish, Add</i>	3.82	
<b>05 75 Decorative Formed Metal <small>(05 70)</small></b>					
<b>05 75 00 00-0001</b>			<b>Metal Sheets, Installed On Walls <small>(05 75)</small></b>		
			Note: Includes field fabrication (bending) where noted.		
<b>05 75 00 00-0002</b>			<b>Copper Sheets, Installed On Walls <small>(05 75 00 00-0001)</small></b>		
			Note: Includes field fabrication.		
05 75 00 00-0003	SF		0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls .....	12.73	1.00
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.74	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.47	
			<i>For &gt;500 SF, Deduct</i>	-2.11	
05 75 00 00-0004	SF		0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls .....	15.77	1.12
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.90	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.80	
			<i>For &gt;500 SF, Deduct</i>	-2.59	
05 75 00 00-0005	SF		0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls .....	17.23	1.21
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.98	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.97	
			<i>For &gt;500 SF, Deduct</i>	-2.83	
05 75 00 00-0006	SF		0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls .....	18.58	1.27
			<i>For &gt;16 To 200 SF, Deduct</i>	-1.06	
			<i>For &gt;200 To 500 SF, Deduct</i>	-2.11	
			<i>For &gt;500 SF, Deduct</i>	-3.04	
05 75 00 00-0007	SF		0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls .....	21.06	1.33
			<i>For &gt;16 To 200 SF, Deduct</i>	-1.19	
			<i>For &gt;200 To 500 SF, Deduct</i>	-2.37	
			<i>For &gt;500 SF, Deduct</i>	-3.43	
05 75 00 00-0008	SF		0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls .....	26.40	1.39
			<i>For &gt;16 To 200 SF, Deduct</i>	-1.46	
			<i>For &gt;200 To 500 SF, Deduct</i>	-2.92	
			<i>For &gt;500 SF, Deduct</i>	-4.24	



<b>Metals</b>	<b>05</b>	<b>05</b>
Decorative Metal	05 70	
Decorative Formed Metal	05 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0009 SF 0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls .....	30.76	1.45
For >16 To 200 SF, Deduct	-1.68	
For >200 To 500 SF, Deduct	-3.37	
For >500 SF, Deduct	-4.91	
05 75 00 00-0010 SF 0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls .....	37.06	1.58
For >16 To 200 SF, Deduct	-2.01	
For >200 To 500 SF, Deduct	-4.02	
For >500 SF, Deduct	-5.87	
05 75 00 00-0011 SF 0.08" Thick Copper Sheet, Installed On Walls .....	45.28	1.70
For >16 To 200 SF, Deduct	-2.43	
For >200 To 500 SF, Deduct	-4.87	
For >500 SF, Deduct	-7.13	
05 75 00 00-0012 SF 0.125" Thick Copper Sheet, Installed On Walls .....	65.82	1.81
For >16 To 200 SF, Deduct	-3.47	
For >200 To 500 SF, Deduct	-6.95	
For >500 SF, Deduct	-10.24	
<b>05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)</b>		
Note: Includes field fabrication.		
05 75 00 00-0014 SF 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	13.75	2.25
For 316 Stainless Steel, Add	1.43	
For >16 To 200 SF, Deduct	-0.91	
For >200 To 500 SF, Deduct	-1.82	
For >500 SF, Deduct	-2.51	
05 75 00 00-0015 SF 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	15.29	2.42
For 316 Stainless Steel, Add	1.68	
For >16 To 200 SF, Deduct	-1.01	
For >200 To 500 SF, Deduct	-2.01	
For >500 SF, Deduct	-2.78	
05 75 00 00-0016 SF 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	16.65	2.59
For 316 Stainless Steel, Add	1.88	
For >16 To 200 SF, Deduct	-1.09	
For >200 To 500 SF, Deduct	-2.18	
For >500 SF, Deduct	-3.02	
05 75 00 00-0017 SF 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	19.74	2.94
For 316 Stainless Steel, Add	2.39	
For >16 To 200 SF, Deduct	-1.28	
For >200 To 500 SF, Deduct	-2.56	
For >500 SF, Deduct	-3.55	
05 75 00 00-0018 SF 0.0625" Thick (16 gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	22.77	3.29
For 316 Stainless Steel, Add	2.89	
For >16 To 200 SF, Deduct	-1.47	
For >200 To 500 SF, Deduct	-2.93	
For >500 SF, Deduct	-4.07	
05 75 00 00-0019 SF 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	26.97	3.80
For 316 Stainless Steel, Add	3.53	
For >16 To 200 SF, Deduct	-1.73	
For >200 To 500 SF, Deduct	-3.46	
For >500 SF, Deduct	-4.81	
05 75 00 00-0020 SF 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	35.06	4.15
For 316 Stainless Steel, Add	5.54	
For >16 To 200 SF, Deduct	-2.17	
For >200 To 500 SF, Deduct	-4.34	
For >500 SF, Deduct	-6.09	
05 75 00 00-0021 SF 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	44.88	4.50
For 316 Stainless Steel, Add	8.07	
For >16 To 200 SF, Deduct	-2.69	
For >200 To 500 SF, Deduct	-5.39	
For >500 SF, Deduct	-7.63	
05 75 00 00-0022 SF 1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	57.32	4.84
For 316 Stainless Steel, Add	11.38	
For >16 To 200 SF, Deduct	-3.35	
For >200 To 500 SF, Deduct	-6.70	
For >500 SF, Deduct	-9.57	
05 75 00 00-0023 SF 3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls .....	89.32	5.19
For 316 Stainless Steel, Add	20.57	
For >16 To 200 SF, Deduct	-4.99	
For >200 To 500 SF, Deduct	-9.97	
For >500 SF, Deduct	-14.44	
05 75 00 00-0024 SF 1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls .....	112.97	6.05
For 316 Stainless Steel, Add	26.63	
For >16 To 200 SF, Deduct	-6.25	
For >200 To 500 SF, Deduct	-12.51	
For >500 SF, Deduct	-18.16	
<b>05 75 00 00-0025 Aluminum Sheets, Installed On Walls (05 75 00 00-0001)</b>		
Note: Includes field fabrication.		
05 75 00 00-0026 SF 0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls .....	6.14	1.00
For >16 To 200 SF, Deduct	-0.41	
For >200 To 500 SF, Deduct	-0.82	
For >500 SF, Deduct	-1.12	

**05 Metals****05 70 Decorative Metal****05 75 Decorative Formed Metal**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0027	SF		0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls .....	6.97	1.12
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.46	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.92	
			<i>For &gt;500 SF, Deduct</i>	-1.27	
05 75 00 00-0028	SF		0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls .....	7.75	1.21
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.51	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.02	
			<i>For &gt;500 SF, Deduct</i>	-1.40	
05 75 00 00-0029	SF		0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls .....	8.58	1.27
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.56	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.11	
			<i>For &gt;500 SF, Deduct</i>	-1.54	
05 75 00 00-0030	SF		0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls .....	9.38	1.33
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.60	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.20	
			<i>For &gt;500 SF, Deduct</i>	-1.67	
05 75 00 00-0031	SF		0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls .....	10.27	1.39
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.65	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.31	
			<i>For &gt;500 SF, Deduct</i>	-1.82	
05 75 00 00-0032	SF		0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls .....	11.37	1.45
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.71	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.43	
			<i>For &gt;500 SF, Deduct</i>	-2.00	
05 75 00 00-0033	SF		0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls .....	13.50	1.70
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.84	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.69	
			<i>For &gt;500 SF, Deduct</i>	-2.36	
<b>05 75 00 00-0034</b>			<b>Galvanized Steel Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small>		
			Note: Includes field fabrication.		
05 75 00 00-0035	SF		0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	6.77	1.15
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.45	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.91	
			<i>For &gt;500 SF, Deduct</i>	-1.25	
05 75 00 00-0036	SF		0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	7.23	1.21
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.48	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.97	
			<i>For &gt;500 SF, Deduct</i>	-1.33	
05 75 00 00-0037	SF		0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	7.53	1.27
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.50	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.01	
			<i>For &gt;500 SF, Deduct</i>	-1.38	
05 75 00 00-0038	SF		0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	7.99	1.33
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.53	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.07	
			<i>For &gt;500 SF, Deduct</i>	-1.46	
05 75 00 00-0039	SF		0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	8.63	1.39
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.57	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.14	
			<i>For &gt;500 SF, Deduct</i>	-1.57	
05 75 00 00-0040	SF		0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	9.32	1.45
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.61	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.22	
			<i>For &gt;500 SF, Deduct</i>	-1.69	
05 75 00 00-0041	SF		0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	10.70	1.58
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.69	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.39	
			<i>For &gt;500 SF, Deduct</i>	-1.92	
05 75 00 00-0042	SF		0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	12.29	1.70
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.78	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.57	
			<i>For &gt;500 SF, Deduct</i>	-2.18	
05 75 00 00-0043	SF		0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	13.61	1.81
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.86	
			<i>For &gt;200 To 500 SF, Deduct</i>	-1.72	
			<i>For &gt;500 SF, Deduct</i>	-2.40	
<b>05 75 00 00-0044</b>			<b>Galvanized Zinc-Plated Steel Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small>		
			Note: Includes field fabrication.		
05 75 00 00-0045	SF		0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	5.47	0.89
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.36	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.73	
			<i>For &gt;500 SF, Deduct</i>	-1.00	
05 75 00 00-0046	SF		0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	6.33	1.00
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.42	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.83	
			<i>For &gt;500 SF, Deduct</i>	-1.15	
05 75 00 00-0047	SF		0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	7.20	1.12
			<i>For &gt;16 To 200 SF, Deduct</i>	-0.47	
			<i>For &gt;200 To 500 SF, Deduct</i>	-0.94	
			<i>For &gt;500 SF, Deduct</i>	-1.30	





<b>Metals</b>	<b>05</b>	<b>05</b>
Decorative Metal	05 70	
Decorative Formed Metal	05 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	7.95	1.21
<i>For &gt;16 To 200 SF, Deduct</i>	-0.52	
<i>For &gt;200 To 500 SF, Deduct</i>	-1.04	
<i>For &gt;500 SF, Deduct</i>	-1.43	

**END OF SECTION 05**

05	<b>05</b>	<b>Metals</b>
	05 70	Decorative Metal
	05 75	Decorative Formed Metal



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 06 Wood, Plastics, and Composites

### 06 01 Maintenance of Wood, Plastics, and Composites <sup>(06)</sup>

#### 06 01 20 Maintenance of Finish Carpentry <sup>(06 01)</sup>

##### **06 01 20 91 Finish Carpentry Restoration** <sup>(06 01 20)</sup>

##### 06 01 20 91-0001 Wood Trim Repair <sup>(06 01 20 91)</sup>

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork.....	3.55	
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Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.

### 06 05 Common Work Results For Wood, Plastics, And Composites <sup>(06)</sup>

#### 06 05 23 Wood, Plastic, And Composite Fastenings <sup>(06 05)</sup>

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

##### 06 05 23 00-0001 Threaded Anchor Bolts <sup>(06 05 23)</sup>

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt.....	6.75	
		For >10 To 50, Deduct	-0.17	
		For >50 To 100, Deduct	-0.43	
		For >100 To 250, Deduct	-0.85	
		For >250 To 500, Deduct	-1.45	
		For >500, Deduct	-2.04	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	9.48	
		For >10 To 50, Deduct	-0.18	
		For >50 To 100, Deduct	-0.51	
		For >100 To 250, Deduct	-1.03	
		For >250 To 500, Deduct	-1.72	
		For >500, Deduct	-2.42	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	10.62	
		For >10 To 50, Deduct	-0.18	
		For >50 To 100, Deduct	-0.54	
		For >100 To 250, Deduct	-1.08	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.53	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt.....	22.32	
		For >10 To 50, Deduct	-0.25	
		For >50 To 100, Deduct	-0.94	
		For >100 To 250, Deduct	-1.87	
		For >250 To 500, Deduct	-3.06	
		For >500, Deduct	-4.24	

##### 06 05 23 00-0006 Framing Anchors <sup>(06 05 23)</sup>

06 05 23 00-0007	EA	10 Gauge Framing Anchor.....	3.32	1.44
		For >10 To 50, Deduct	-0.14	
		For >50 To 100, Deduct	-0.29	
		For >100 To 250, Deduct	-0.58	
		For >250 To 500, Deduct	-1.00	
		For >500, Deduct	-1.42	

##### 06 05 23 00-0008 Joist And Beam Hangers <sup>(06 05 23)</sup>

06 05 23 00-0009	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers.....	3.34	1.33
		For >10 To 50, Deduct	-0.14	
		For >50 To 100, Deduct	-0.29	
		For >100 To 250, Deduct	-0.58	
		For >250 To 500, Deduct	-1.00	
		For >500, Deduct	-1.43	
06 05 23 00-0010	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers.....	4.02	1.33
		For >10 To 50, Deduct	-0.15	
		For >50 To 100, Deduct	-0.32	
		For >100 To 250, Deduct	-0.64	
		For >250 To 500, Deduct	-1.10	
		For >500, Deduct	-1.56	
06 05 23 00-0011	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers.....	5.71	1.33
		For >10 To 50, Deduct	-0.15	
		For >50 To 100, Deduct	-0.37	
		For >100 To 250, Deduct	-0.73	
		For >250 To 500, Deduct	-1.25	
		For >500, Deduct	-1.77	
06 05 23 00-0012	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers.....	5.88	1.33
		For >10 To 50, Deduct	-0.15	
		For >50 To 100, Deduct	-0.37	
		For >100 To 250, Deduct	-0.74	
		For >250 To 500, Deduct	-1.26	
		For >500, Deduct	-1.78	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0013	EA		16 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers.....	5.86	1.38
			<i>For &gt;10 To 50, Deduct</i>	-0.15	
			<i>For &gt;50 To 100, Deduct</i>	-0.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.76	
			<i>For &gt;250 To 500, Deduct</i>	-1.29	
			<i>For &gt;500, Deduct</i>	-1.82	
06 05 23 00-0014	EA		16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers.....	6.33	1.38
			<i>For &gt;10 To 50, Deduct</i>	-0.15	
			<i>For &gt;50 To 100, Deduct</i>	-0.39	
			<i>For &gt;100 To 250, Deduct</i>	-0.78	
			<i>For &gt;250 To 500, Deduct</i>	-1.32	
			<i>For &gt;500, Deduct</i>	-1.87	
<b>06 05 23 00-0015</b>			<b>Post Framing</b> <small>(06 05 23)</small>		
06 05 23 00-0016	EA		16 Gauge Post Framing With 4" x 4" Base .....	8.11	1.68
			<i>For &gt;10 To 50, Deduct</i>	-0.18	
			<i>For &gt;50 To 100, Deduct</i>	-0.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.96	
			<i>For &gt;250 To 500, Deduct</i>	-1.62	
			<i>For &gt;500, Deduct</i>	-2.28	
06 05 23 00-0017	EA		16 Gauge Post Framing With 4" x 4" Cap.....	6.36	1.68
			<i>For &gt;10 To 50, Deduct</i>	-0.18	
			<i>For &gt;50 To 100, Deduct</i>	-0.44	
			<i>For &gt;100 To 250, Deduct</i>	-0.87	
			<i>For &gt;250 To 500, Deduct</i>	-1.49	
			<i>For &gt;500, Deduct</i>	-2.11	
<b>06 05 23 00-0018</b>			<b>Rafter Anchors</b> <small>(06 05 23)</small>		
06 05 23 00-0019	EA		1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor .....	3.61	1.49
			<i>For &gt;10 To 50, Deduct</i>	-0.16	
			<i>For &gt;50 To 100, Deduct</i>	-0.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-1.18	
			<i>For &gt;500, Deduct</i>	-1.68	
06 05 23 00-0020	EA		1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor .....	3.80	1.49
			<i>For &gt;10 To 50, Deduct</i>	-0.16	
			<i>For &gt;50 To 100, Deduct</i>	-0.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.68	
			<i>For &gt;250 To 500, Deduct</i>	-1.19	
			<i>For &gt;500, Deduct</i>	-1.70	
06 05 23 00-0021	EA		Galvanized Rigid Rafter Connector, For 2" x 6".....	5.00	1.49
			<i>For &gt;10 To 50, Deduct</i>	-0.16	
			<i>For &gt;50 To 100, Deduct</i>	-0.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-1.28	
			<i>For &gt;500, Deduct</i>	-1.82	
<b>06 05 23 00-0022</b>			<b>Bolts And Fasteners</b> <small>(06 05 23)</small>		
<b>06 05 23 00-0023</b>			<b>Carriage Bolts</b> <small>(06 05 23 00-0022)</small>		
			Note: Includes drilling of holes in any material. Includes nut and washer.		
<b>06 05 23 00-0024</b>			<b>Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts</b> <small>(06 05 23 00-0023)</small>		
06 05 23 00-0025	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	6.43	
			<i>For &gt;10 To 50, Deduct</i>	-0.31	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100 To 250, Deduct</i>	-1.25	
			<i>For &gt;250 To 500, Deduct</i>	-2.19	
			<i>For &gt;500, Deduct</i>	-3.13	
06 05 23 00-0026	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	6.52	
			<i>For &gt;10 To 50, Deduct</i>	-0.31	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100 To 250, Deduct</i>	-1.26	
			<i>For &gt;250 To 500, Deduct</i>	-2.20	
			<i>For &gt;500, Deduct</i>	-3.14	
06 05 23 00-0027	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	6.58	
			<i>For &gt;10 To 50, Deduct</i>	-0.31	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100 To 250, Deduct</i>	-1.26	
			<i>For &gt;250 To 500, Deduct</i>	-2.20	
			<i>For &gt;500, Deduct</i>	-3.14	
06 05 23 00-0028	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	7.72	
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.73	
			<i>For &gt;100 To 250, Deduct</i>	-1.46	
			<i>For &gt;250 To 500, Deduct</i>	-2.55	
			<i>For &gt;500, Deduct</i>	-3.64	
06 05 23 00-0029	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	7.16	
			<i>For &gt;10 To 50, Deduct</i>	-0.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100 To 250, Deduct</i>	-1.36	
			<i>For &gt;250 To 500, Deduct</i>	-2.38	
			<i>For &gt;500, Deduct</i>	-3.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0030 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	7.80	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.73	
<i>For &gt;100 To 250, Deduct</i>	-1.47	
<i>For &gt;250 To 500, Deduct</i>	-2.56	
<i>For &gt;500, Deduct</i>	-3.65	
06 05 23 00-0031 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	7.95	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100 To 250, Deduct</i>	-1.47	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.66	
06 05 23 00-0032 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	9.49	
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-0.88	
<i>For &gt;100 To 250, Deduct</i>	-1.76	
<i>For &gt;250 To 500, Deduct</i>	-3.08	
<i>For &gt;500, Deduct</i>	-4.39	
06 05 23 00-0033 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	10.44	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-0.94	
<i>For &gt;100 To 250, Deduct</i>	-1.89	
<i>For &gt;250 To 500, Deduct</i>	-3.28	
<i>For &gt;500, Deduct</i>	-4.68	
06 05 23 00-0034 EA 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	11.84	
<i>For &gt;10 To 50, Deduct</i>	-0.50	
<i>For &gt;50 To 100, Deduct</i>	-1.05	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-3.65	
<i>For &gt;500, Deduct</i>	-5.20	
06 05 23 00-0035 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	8.13	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100 To 250, Deduct</i>	-1.48	
<i>For &gt;250 To 500, Deduct</i>	-2.58	
<i>For &gt;500, Deduct</i>	-3.68	
06 05 23 00-0036 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	9.00	
<i>For &gt;10 To 50, Deduct</i>	-0.38	
<i>For &gt;50 To 100, Deduct</i>	-0.80	
<i>For &gt;100 To 250, Deduct</i>	-1.60	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.96	
06 05 23 00-0037 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	9.60	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.85	
<i>For &gt;100 To 250, Deduct</i>	-1.70	
<i>For &gt;250 To 500, Deduct</i>	-2.95	
<i>For &gt;500, Deduct</i>	-4.21	
06 05 23 00-0038 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	10.79	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-0.95	
<i>For &gt;100 To 250, Deduct</i>	-1.90	
<i>For &gt;250 To 500, Deduct</i>	-3.31	
<i>For &gt;500, Deduct</i>	-4.72	
06 05 23 00-0039 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.74	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-1.11	
<i>For &gt;100 To 250, Deduct</i>	-2.21	
<i>For &gt;250 To 500, Deduct</i>	-3.85	
<i>For &gt;500, Deduct</i>	-5.48	
06 05 23 00-0040 EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.42	
<i>For &gt;10 To 50, Deduct</i>	-0.57	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 250, Deduct</i>	-2.44	
<i>For &gt;250 To 500, Deduct</i>	-4.24	
<i>For &gt;500, Deduct</i>	-6.03	
06 05 23 00-0041 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	11.64	
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-0.94	
<i>For &gt;100 To 250, Deduct</i>	-1.87	
<i>For &gt;250 To 500, Deduct</i>	-3.24	
<i>For &gt;500, Deduct</i>	-4.60	
06 05 23 00-0042 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.75	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.00	
<i>For &gt;100 To 250, Deduct</i>	-2.00	
<i>For &gt;250 To 500, Deduct</i>	-3.46	
<i>For &gt;500, Deduct</i>	-4.91	
06 05 23 00-0043 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.43	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-1.17	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-4.05	
<i>For &gt;500, Deduct</i>	-5.75	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0044	EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	17.73	
	For >10 To 50, Deduct	-0.55	
	For >50 To 100, Deduct	-1.27	
	For >100 To 250, Deduct	-2.54	
	For >250 To 500, Deduct	-4.35	
	For >500, Deduct	-6.17	
06 05 23 00-0045	EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.23	
	For >10 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.38	
	For >100 To 250, Deduct	-2.75	
	For >250 To 500, Deduct	-4.73	
	For >500, Deduct	-6.70	
06 05 23 00-0046	EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.51	
	For >10 To 50, Deduct	-0.62	
	For >50 To 100, Deduct	-1.42	
	For >100 To 250, Deduct	-2.84	
	For >250 To 500, Deduct	-4.88	
	For >500, Deduct	-6.92	
<b>06 05 23 00-0047</b>	<b>Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts</b> <small>(06 05 23 00-0023)</small>		
06 05 23 00-0048	EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	6.60	
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.63	
	For >100 To 250, Deduct	-1.26	
	For >250 To 500, Deduct	-2.20	
	For >500, Deduct	-3.14	
06 05 23 00-0049	EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	6.78	
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.27	
	For >250 To 500, Deduct	-2.22	
	For >500, Deduct	-3.16	
06 05 23 00-0050	EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	6.98	
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-2.23	
	For >500, Deduct	-3.18	
06 05 23 00-0051	EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	8.38	
	For >10 To 50, Deduct	-0.36	
	For >50 To 100, Deduct	-0.75	
	For >100 To 250, Deduct	-1.49	
	For >250 To 500, Deduct	-2.60	
	For >500, Deduct	-3.71	
06 05 23 00-0052	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	7.40	
	For >10 To 50, Deduct	-0.33	
	For >50 To 100, Deduct	-0.69	
	For >100 To 250, Deduct	-1.37	
	For >250 To 500, Deduct	-2.39	
	For >500, Deduct	-3.42	
06 05 23 00-0053	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	8.17	
	For >10 To 50, Deduct	-0.36	
	For >50 To 100, Deduct	-0.74	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-2.58	
	For >500, Deduct	-3.69	
06 05 23 00-0054	EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	8.39	
	For >10 To 50, Deduct	-0.36	
	For >50 To 100, Deduct	-0.75	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-2.60	
	For >500, Deduct	-3.71	
06 05 23 00-0055	EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	10.16	
	For >10 To 50, Deduct	-0.43	
	For >50 To 100, Deduct	-0.90	
	For >100 To 250, Deduct	-1.80	
	For >250 To 500, Deduct	-3.13	
	For >500, Deduct	-4.46	
06 05 23 00-0056	EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	11.19	
	For >10 To 50, Deduct	-0.45	
	For >50 To 100, Deduct	-0.96	
	For >100 To 250, Deduct	-1.92	
	For >250 To 500, Deduct	-3.34	
	For >500, Deduct	-4.76	
06 05 23 00-0057	EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	12.54	
	For >10 To 50, Deduct	-0.50	
	For >50 To 100, Deduct	-1.07	
	For >100 To 250, Deduct	-2.13	
	For >250 To 500, Deduct	-3.70	
	For >500, Deduct	-5.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0058 EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	8.68	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.75	
<i>For &gt;100 To 250, Deduct</i>	-1.51	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.74	
06 05 23 00-0059 EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	9.44	
<i>For &gt;10 To 50, Deduct</i>	-0.38	
<i>For &gt;50 To 100, Deduct</i>	-0.81	
<i>For &gt;100 To 250, Deduct</i>	-1.62	
<i>For &gt;250 To 500, Deduct</i>	-2.81	
<i>For &gt;500, Deduct</i>	-4.00	
06 05 23 00-0060 EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	10.12	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.86	
<i>For &gt;100 To 250, Deduct</i>	-1.72	
<i>For &gt;250 To 500, Deduct</i>	-2.99	
<i>For &gt;500, Deduct</i>	-4.26	
06 05 23 00-0061 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	11.54	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-0.97	
<i>For &gt;100 To 250, Deduct</i>	-1.94	
<i>For &gt;250 To 500, Deduct</i>	-3.37	
<i>For &gt;500, Deduct</i>	-4.79	
06 05 23 00-0062 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	13.48	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-1.13	
<i>For &gt;100 To 250, Deduct</i>	-2.25	
<i>For &gt;250 To 500, Deduct</i>	-3.90	
<i>For &gt;500, Deduct</i>	-5.55	
06 05 23 00-0063 EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	14.99	
<i>For &gt;10 To 50, Deduct</i>	-0.57	
<i>For &gt;50 To 100, Deduct</i>	-1.24	
<i>For &gt;100 To 250, Deduct</i>	-2.47	
<i>For &gt;250 To 500, Deduct</i>	-4.28	
<i>For &gt;500, Deduct</i>	-6.09	
06 05 23 00-0064 EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	13.32	
<i>For &gt;10 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-0.98	
<i>For &gt;100 To 250, Deduct</i>	-1.96	
<i>For &gt;250 To 500, Deduct</i>	-3.36	
<i>For &gt;500, Deduct</i>	-4.77	
06 05 23 00-0065 EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	13.92	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.03	
<i>For &gt;100 To 250, Deduct</i>	-2.06	
<i>For &gt;250 To 500, Deduct</i>	-3.54	
<i>For &gt;500, Deduct</i>	-5.03	
06 05 23 00-0066 EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	16.26	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-1.19	
<i>For &gt;100 To 250, Deduct</i>	-2.39	
<i>For &gt;250 To 500, Deduct</i>	-4.11	
<i>For &gt;500, Deduct</i>	-5.83	
06 05 23 00-0067 EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	17.67	
<i>For &gt;10 To 50, Deduct</i>	-0.55	
<i>For &gt;50 To 100, Deduct</i>	-1.27	
<i>For &gt;100 To 250, Deduct</i>	-2.53	
<i>For &gt;250 To 500, Deduct</i>	-4.35	
<i>For &gt;500, Deduct</i>	-6.17	
06 05 23 00-0068 EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	20.32	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.40	
<i>For &gt;100 To 250, Deduct</i>	-2.81	
<i>For &gt;250 To 500, Deduct</i>	-4.81	
<i>For &gt;500, Deduct</i>	-6.81	
06 05 23 00-0069 EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	21.77	
<i>For &gt;10 To 50, Deduct</i>	-0.62	
<i>For &gt;50 To 100, Deduct</i>	-1.48	
<i>For &gt;100 To 250, Deduct</i>	-2.95	
<i>For &gt;250 To 500, Deduct</i>	-5.05	
<i>For &gt;500, Deduct</i>	-7.15	
<b>06 05 23 00-0070 304/18-8 Stainless Steel, Carriage Bolts</b> <small>(06 05 23 00-0023)</small>		
06 05 23 00-0071 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	6.95	
<i>For &gt;10 To 50, Deduct</i>	-0.31	
<i>For &gt;50 To 100, Deduct</i>	-0.64	
<i>For &gt;100 To 250, Deduct</i>	-1.28	
<i>For &gt;250 To 500, Deduct</i>	-2.23	
<i>For &gt;500, Deduct</i>	-3.18	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0072	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	7.76	
			<i>For &gt;10 To 50, Deduct</i>	-0.31	
			<i>For &gt;50 To 100, Deduct</i>	-0.66	
			<i>For &gt;100 To 250, Deduct</i>	-1.32	
			<i>For &gt;250 To 500, Deduct</i>	-2.29	
			<i>For &gt;500, Deduct</i>	-3.26	
06 05 23 00-0073	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	8.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.31	
			<i>For &gt;50 To 100, Deduct</i>	-0.67	
			<i>For &gt;100 To 250, Deduct</i>	-1.35	
			<i>For &gt;250 To 500, Deduct</i>	-2.33	
			<i>For &gt;500, Deduct</i>	-3.31	
06 05 23 00-0074	EA		1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	14.98	
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100 To 250, Deduct</i>	-1.82	
			<i>For &gt;250 To 500, Deduct</i>	-3.10	
			<i>For &gt;500, Deduct</i>	-4.37	
06 05 23 00-0075	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	8.19	
			<i>For &gt;10 To 50, Deduct</i>	-0.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.71	
			<i>For &gt;100 To 250, Deduct</i>	-1.41	
			<i>For &gt;250 To 500, Deduct</i>	-2.45	
			<i>For &gt;500, Deduct</i>	-3.50	
06 05 23 00-0076	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	9.84	
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.78	
			<i>For &gt;100 To 250, Deduct</i>	-1.57	
			<i>For &gt;250 To 500, Deduct</i>	-2.71	
			<i>For &gt;500, Deduct</i>	-3.85	
06 05 23 00-0077	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	10.10	
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100 To 250, Deduct</i>	-1.58	
			<i>For &gt;250 To 500, Deduct</i>	-2.73	
			<i>For &gt;500, Deduct</i>	-3.88	
06 05 23 00-0078	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	20.00	
			<i>For &gt;10 To 50, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-1.15	
			<i>For &gt;100 To 250, Deduct</i>	-2.29	
			<i>For &gt;250 To 500, Deduct</i>	-3.87	
			<i>For &gt;500, Deduct</i>	-5.44	
06 05 23 00-0079	EA		3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	24.72	
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100 To 250, Deduct</i>	-2.60	
			<i>For &gt;250 To 500, Deduct</i>	-4.35	
			<i>For &gt;500, Deduct</i>	-6.11	
06 05 23 00-0080	EA		3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	27.72	
			<i>For &gt;10 To 50, Deduct</i>	-0.50	
			<i>For &gt;50 To 100, Deduct</i>	-1.45	
			<i>For &gt;100 To 250, Deduct</i>	-2.89	
			<i>For &gt;250 To 500, Deduct</i>	-4.84	
			<i>For &gt;500, Deduct</i>	-6.78	
06 05 23 00-0081	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	10.79	
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.81	
			<i>For &gt;100 To 250, Deduct</i>	-1.62	
			<i>For &gt;250 To 500, Deduct</i>	-2.78	
			<i>For &gt;500, Deduct</i>	-3.95	
06 05 23 00-0082	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	12.40	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.88	
			<i>For &gt;100 To 250, Deduct</i>	-1.77	
			<i>For &gt;250 To 500, Deduct</i>	-3.03	
			<i>For &gt;500, Deduct</i>	-4.30	
06 05 23 00-0083	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	15.34	
			<i>For &gt;10 To 50, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.99	
			<i>For &gt;100 To 250, Deduct</i>	-1.99	
			<i>For &gt;250 To 500, Deduct</i>	-3.38	
			<i>For &gt;500, Deduct</i>	-4.78	
06 05 23 00-0084	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	25.47	
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.32	
			<i>For &gt;100 To 250, Deduct</i>	-2.64	
			<i>For &gt;250 To 500, Deduct</i>	-4.41	
			<i>For &gt;500, Deduct</i>	-6.18	
06 05 23 00-0085	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	28.68	
			<i>For &gt;10 To 50, Deduct</i>	-0.53	
			<i>For &gt;50 To 100, Deduct</i>	-1.51	
			<i>For &gt;100 To 250, Deduct</i>	-3.01	
			<i>For &gt;250 To 500, Deduct</i>	-5.04	
			<i>For &gt;500, Deduct</i>	-7.07	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0086 EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	46.43	
<i>For &gt;10 To 50, Deduct</i>	-0.57	
<i>For &gt;50 To 100, Deduct</i>	-2.02	
<i>For &gt;100 To 250, Deduct</i>	-4.04	
<i>For &gt;250 To 500, Deduct</i>	-6.64	
<i>For &gt;500, Deduct</i>	-9.23	
06 05 23 00-0087 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	36.02	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.58	
<i>For &gt;100 To 250, Deduct</i>	-3.16	
<i>For &gt;250 To 500, Deduct</i>	-5.20	
<i>For &gt;500, Deduct</i>	-7.24	
06 05 23 00-0088 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	51.64	
<i>For &gt;10 To 50, Deduct</i>	-0.53	
<i>For &gt;50 To 100, Deduct</i>	-2.08	
<i>For &gt;100 To 250, Deduct</i>	-4.16	
<i>For &gt;250 To 500, Deduct</i>	-6.76	
<i>For &gt;500, Deduct</i>	-9.37	
06 05 23 00-0089 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	57.42	
<i>For &gt;10 To 50, Deduct</i>	-0.55	
<i>For &gt;50 To 100, Deduct</i>	-2.26	
<i>For &gt;100 To 250, Deduct</i>	-4.52	
<i>For &gt;250 To 500, Deduct</i>	-7.33	
<i>For &gt;500, Deduct</i>	-10.14	
06 05 23 00-0090 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	85.92	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-3.04	
<i>For &gt;100 To 250, Deduct</i>	-6.09	
<i>For &gt;250 To 500, Deduct</i>	-9.73	
<i>For &gt;500, Deduct</i>	-13.37	
06 05 23 00-0091 EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	90.43	
<i>For &gt;10 To 50, Deduct</i>	-0.62	
<i>For &gt;50 To 100, Deduct</i>	-3.19	
<i>For &gt;100 To 250, Deduct</i>	-6.39	
<i>For &gt;250 To 500, Deduct</i>	-10.20	
<i>For &gt;500, Deduct</i>	-14.02	
<b>06 05 23 00-0092 316 Stainless Steel, Carriage Bolts</b> <small>(06 05 23 00-0023)</small>		
06 05 23 00-0093 EA 1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	10.71	
<i>For &gt;10 To 50, Deduct</i>	-0.31	
<i>For &gt;50 To 100, Deduct</i>	-0.73	
<i>For &gt;100 To 250, Deduct</i>	-1.47	
<i>For &gt;250 To 500, Deduct</i>	-2.51	
<i>For &gt;500, Deduct</i>	-3.56	
06 05 23 00-0094 EA 1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	12.13	
<i>For &gt;10 To 50, Deduct</i>	-0.31	
<i>For &gt;50 To 100, Deduct</i>	-0.77	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.70	
06 05 23 00-0095 EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	13.10	
<i>For &gt;10 To 50, Deduct</i>	-0.33	
<i>For &gt;50 To 100, Deduct</i>	-0.83	
<i>For &gt;100 To 250, Deduct</i>	-1.66	
<i>For &gt;250 To 500, Deduct</i>	-2.82	
<i>For &gt;500, Deduct</i>	-3.99	
06 05 23 00-0096 EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	15.56	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.93	
<i>For &gt;100 To 250, Deduct</i>	-1.85	
<i>For &gt;250 To 500, Deduct</i>	-3.14	
<i>For &gt;500, Deduct</i>	-4.42	
06 05 23 00-0097 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	21.90	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-1.09	
<i>For &gt;100 To 250, Deduct</i>	-2.17	
<i>For &gt;250 To 500, Deduct</i>	-3.61	
<i>For &gt;500, Deduct</i>	-5.06	
06 05 23 00-0098 EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	23.92	
<i>For &gt;10 To 50, Deduct</i>	-0.38	
<i>For &gt;50 To 100, Deduct</i>	-1.17	
<i>For &gt;100 To 250, Deduct</i>	-2.34	
<i>For &gt;250 To 500, Deduct</i>	-3.90	
<i>For &gt;500, Deduct</i>	-5.45	
06 05 23 00-0099 EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	25.81	
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-1.25	
<i>For &gt;100 To 250, Deduct</i>	-2.51	
<i>For &gt;250 To 500, Deduct</i>	-4.17	
<i>For &gt;500, Deduct</i>	-5.83	

**06 05 23 00-0100 Hex Lag Bolts** (06 05 23 00-0022)  
 Note: Includes drilling of holes in any material.

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0101			Zinc Plated Steel, Hex Lag Bolts <small>(06 05 23 00-0100)</small>		
06 05 23 00-0102	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	6.10	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.60	
			<i>For &gt;100 To 250, Deduct</i>	-1.20	
			<i>For &gt;250 To 500, Deduct</i>	-2.10	
			<i>For &gt;500, Deduct</i>	-3.00	
06 05 23 00-0103	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	6.19	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.60	
			<i>For &gt;100 To 250, Deduct</i>	-1.21	
			<i>For &gt;250 To 500, Deduct</i>	-2.11	
			<i>For &gt;500, Deduct</i>	-3.01	
06 05 23 00-0104	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	6.35	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.61	
			<i>For &gt;100 To 250, Deduct</i>	-1.21	
			<i>For &gt;250 To 500, Deduct</i>	-2.12	
			<i>For &gt;500, Deduct</i>	-3.02	
06 05 23 00-0105	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	6.76	
			<i>For &gt;10 To 50, Deduct</i>	-0.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.66	
			<i>For &gt;100 To 250, Deduct</i>	-1.31	
			<i>For &gt;250 To 500, Deduct</i>	-2.30	
			<i>For &gt;500, Deduct</i>	-3.28	
06 05 23 00-0106	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	7.38	
			<i>For &gt;10 To 50, Deduct</i>	-0.35	
			<i>For &gt;50 To 100, Deduct</i>	-0.71	
			<i>For &gt;100 To 250, Deduct</i>	-1.41	
			<i>For &gt;250 To 500, Deduct</i>	-2.47	
			<i>For &gt;500, Deduct</i>	-3.53	
06 05 23 00-0107	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	7.57	
			<i>For &gt;10 To 50, Deduct</i>	-0.35	
			<i>For &gt;50 To 100, Deduct</i>	-0.71	
			<i>For &gt;100 To 250, Deduct</i>	-1.42	
			<i>For &gt;250 To 500, Deduct</i>	-2.48	
			<i>For &gt;500, Deduct</i>	-3.55	
06 05 23 00-0108	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	9.35	
			<i>For &gt;10 To 50, Deduct</i>	-0.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.86	
			<i>For &gt;100 To 250, Deduct</i>	-1.72	
			<i>For &gt;250 To 500, Deduct</i>	-3.00	
			<i>For &gt;500, Deduct</i>	-4.28	
06 05 23 00-0109	EA		3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	9.92	
			<i>For &gt;10 To 50, Deduct</i>	-0.44	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100 To 250, Deduct</i>	-1.82	
			<i>For &gt;250 To 500, Deduct</i>	-3.17	
			<i>For &gt;500, Deduct</i>	-4.52	
06 05 23 00-0110	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	7.56	
			<i>For &gt;10 To 50, Deduct</i>	-0.35	
			<i>For &gt;50 To 100, Deduct</i>	-0.72	
			<i>For &gt;100 To 250, Deduct</i>	-1.43	
			<i>For &gt;250 To 500, Deduct</i>	-2.50	
			<i>For &gt;500, Deduct</i>	-3.57	
06 05 23 00-0111	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	8.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100 To 250, Deduct</i>	-1.54	
			<i>For &gt;250 To 500, Deduct</i>	-2.69	
			<i>For &gt;500, Deduct</i>	-3.83	
06 05 23 00-0112	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	9.11	
			<i>For &gt;10 To 50, Deduct</i>	-0.40	
			<i>For &gt;50 To 100, Deduct</i>	-0.82	
			<i>For &gt;100 To 250, Deduct</i>	-1.65	
			<i>For &gt;250 To 500, Deduct</i>	-2.87	
			<i>For &gt;500, Deduct</i>	-4.10	
06 05 23 00-0113	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	10.44	
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-0.93	
			<i>For &gt;100 To 250, Deduct</i>	-1.86	
			<i>For &gt;250 To 500, Deduct</i>	-3.23	
			<i>For &gt;500, Deduct</i>	-4.60	
06 05 23 00-0114	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	12.39	
			<i>For &gt;10 To 50, Deduct</i>	-0.52	
			<i>For &gt;50 To 100, Deduct</i>	-1.08	
			<i>For &gt;100 To 250, Deduct</i>	-2.17	
			<i>For &gt;250 To 500, Deduct</i>	-3.76	
			<i>For &gt;500, Deduct</i>	-5.36	
06 05 23 00-0115	EA		1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.52	
			<i>For &gt;10 To 50, Deduct</i>	-0.56	
			<i>For &gt;50 To 100, Deduct</i>	-1.18	
			<i>For &gt;100 To 250, Deduct</i>	-2.36	
			<i>For &gt;250 To 500, Deduct</i>	-4.11	
			<i>For &gt;500, Deduct</i>	-5.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0116 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	11.57	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-0.96	
<i>For &gt;100 To 250, Deduct</i>	-1.91	
<i>For &gt;250 To 500, Deduct</i>	-3.32	
<i>For &gt;500, Deduct</i>	-4.72	
06 05 23 00-0117 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.95	
<i>For &gt;10 To 50, Deduct</i>	-0.52	
<i>For &gt;50 To 100, Deduct</i>	-1.12	
<i>For &gt;100 To 250, Deduct</i>	-2.24	
<i>For &gt;250 To 500, Deduct</i>	-3.88	
<i>For &gt;500, Deduct</i>	-5.52	
06 05 23 00-0118 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.69	
<i>For &gt;10 To 50, Deduct</i>	-0.54	
<i>For &gt;50 To 100, Deduct</i>	-1.20	
<i>For &gt;100 To 250, Deduct</i>	-2.40	
<i>For &gt;250 To 500, Deduct</i>	-4.14	
<i>For &gt;500, Deduct</i>	-5.88	
06 05 23 00-0119 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.80	
<i>For &gt;10 To 50, Deduct</i>	-0.59	
<i>For &gt;50 To 100, Deduct</i>	-1.32	
<i>For &gt;100 To 250, Deduct</i>	-2.65	
<i>For &gt;250 To 500, Deduct</i>	-4.56	
<i>For &gt;500, Deduct</i>	-6.46	
06 05 23 00-0120 EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.34	
<i>For &gt;10 To 50, Deduct</i>	-0.61	
<i>For &gt;50 To 100, Deduct</i>	-1.42	
<i>For &gt;100 To 250, Deduct</i>	-2.85	
<i>For &gt;250 To 500, Deduct</i>	-4.88	
<i>For &gt;500, Deduct</i>	-6.91	
<b>06 05 23 00-0121 Hot Dipped Galvanized Steel, Hex Lag Bolts</b> <small>(06 05 23 00-0100)</small>		
06 05 23 00-0122 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	6.14	
<i>For &gt;10 To 50, Deduct</i>	-0.30	
<i>For &gt;50 To 100, Deduct</i>	-0.60	
<i>For &gt;100 To 250, Deduct</i>	-1.20	
<i>For &gt;250 To 500, Deduct</i>	-2.10	
<i>For &gt;500, Deduct</i>	-3.00	
06 05 23 00-0123 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	6.27	
<i>For &gt;10 To 50, Deduct</i>	-0.30	
<i>For &gt;50 To 100, Deduct</i>	-0.60	
<i>For &gt;100 To 250, Deduct</i>	-1.21	
<i>For &gt;250 To 500, Deduct</i>	-2.11	
<i>For &gt;500, Deduct</i>	-3.02	
06 05 23 00-0124 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	6.40	
<i>For &gt;10 To 50, Deduct</i>	-0.30	
<i>For &gt;50 To 100, Deduct</i>	-0.61	
<i>For &gt;100 To 250, Deduct</i>	-1.22	
<i>For &gt;250 To 500, Deduct</i>	-2.12	
<i>For &gt;500, Deduct</i>	-3.03	
06 05 23 00-0125 EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	6.83	
<i>For &gt;10 To 50, Deduct</i>	-0.33	
<i>For &gt;50 To 100, Deduct</i>	-0.66	
<i>For &gt;100 To 250, Deduct</i>	-1.32	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-3.29	
06 05 23 00-0126 EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	7.49	
<i>For &gt;10 To 50, Deduct</i>	-0.35	
<i>For &gt;50 To 100, Deduct</i>	-0.71	
<i>For &gt;100 To 250, Deduct</i>	-1.42	
<i>For &gt;250 To 500, Deduct</i>	-2.48	
<i>For &gt;500, Deduct</i>	-3.54	
06 05 23 00-0127 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	7.70	
<i>For &gt;10 To 50, Deduct</i>	-0.35	
<i>For &gt;50 To 100, Deduct</i>	-0.72	
<i>For &gt;100 To 250, Deduct</i>	-1.43	
<i>For &gt;250 To 500, Deduct</i>	-2.49	
<i>For &gt;500, Deduct</i>	-3.56	
06 05 23 00-0128 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	9.60	
<i>For &gt;10 To 50, Deduct</i>	-0.42	
<i>For &gt;50 To 100, Deduct</i>	-0.87	
<i>For &gt;100 To 250, Deduct</i>	-1.74	
<i>For &gt;250 To 500, Deduct</i>	-3.02	
<i>For &gt;500, Deduct</i>	-4.31	
06 05 23 00-0129 EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	10.34	
<i>For &gt;10 To 50, Deduct</i>	-0.44	
<i>For &gt;50 To 100, Deduct</i>	-0.92	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-3.20	
<i>For &gt;500, Deduct</i>	-4.57	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0130	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	7.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.35	
			<i>For &gt;50 To 100, Deduct</i>	-0.72	
			<i>For &gt;100 To 250, Deduct</i>	-1.44	
			<i>For &gt;250 To 500, Deduct</i>	-2.51	
			<i>For &gt;500, Deduct</i>	-3.59	
06 05 23 00-0131	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	8.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.77	
			<i>For &gt;100 To 250, Deduct</i>	-1.55	
			<i>For &gt;250 To 500, Deduct</i>	-2.69	
			<i>For &gt;500, Deduct</i>	-3.84	
06 05 23 00-0132	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	9.30	
			<i>For &gt;10 To 50, Deduct</i>	-0.40	
			<i>For &gt;50 To 100, Deduct</i>	-0.83	
			<i>For &gt;100 To 250, Deduct</i>	-1.66	
			<i>For &gt;250 To 500, Deduct</i>	-2.89	
			<i>For &gt;500, Deduct</i>	-4.11	
06 05 23 00-0133	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	11.02	
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100 To 250, Deduct</i>	-1.89	
			<i>For &gt;250 To 500, Deduct</i>	-3.27	
			<i>For &gt;500, Deduct</i>	-4.66	
06 05 23 00-0134	EA		1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.67	
			<i>For &gt;10 To 50, Deduct</i>	-0.52	
			<i>For &gt;50 To 100, Deduct</i>	-1.09	
			<i>For &gt;100 To 250, Deduct</i>	-2.18	
			<i>For &gt;250 To 500, Deduct</i>	-3.79	
			<i>For &gt;500, Deduct</i>	-5.39	
06 05 23 00-0135	EA		1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.21	
			<i>For &gt;10 To 50, Deduct</i>	-0.56	
			<i>For &gt;50 To 100, Deduct</i>	-1.20	
			<i>For &gt;100 To 250, Deduct</i>	-2.40	
			<i>For &gt;250 To 500, Deduct</i>	-4.16	
			<i>For &gt;500, Deduct</i>	-5.92	
06 05 23 00-0136	EA		3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	11.99	
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-0.97	
			<i>For &gt;100 To 250, Deduct</i>	-1.93	
			<i>For &gt;250 To 500, Deduct</i>	-3.35	
			<i>For &gt;500, Deduct</i>	-4.76	
06 05 23 00-0137	EA		3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.33	
			<i>For &gt;10 To 50, Deduct</i>	-0.52	
			<i>For &gt;50 To 100, Deduct</i>	-1.13	
			<i>For &gt;100 To 250, Deduct</i>	-2.26	
			<i>For &gt;250 To 500, Deduct</i>	-3.91	
			<i>For &gt;500, Deduct</i>	-5.56	
06 05 23 00-0138	EA		3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.33	
			<i>For &gt;10 To 50, Deduct</i>	-0.54	
			<i>For &gt;50 To 100, Deduct</i>	-1.22	
			<i>For &gt;100 To 250, Deduct</i>	-2.43	
			<i>For &gt;250 To 500, Deduct</i>	-4.19	
			<i>For &gt;500, Deduct</i>	-5.94	
06 05 23 00-0139	EA		3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.31	
			<i>For &gt;10 To 50, Deduct</i>	-0.59	
			<i>For &gt;50 To 100, Deduct</i>	-1.36	
			<i>For &gt;100 To 250, Deduct</i>	-2.72	
			<i>For &gt;250 To 500, Deduct</i>	-4.67	
			<i>For &gt;500, Deduct</i>	-6.62	
06 05 23 00-0140	EA		3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.95	
			<i>For &gt;10 To 50, Deduct</i>	-0.61	
			<i>For &gt;50 To 100, Deduct</i>	-1.46	
			<i>For &gt;100 To 250, Deduct</i>	-2.93	
			<i>For &gt;250 To 500, Deduct</i>	-5.00	
			<i>For &gt;500, Deduct</i>	-7.07	
06 05 23 00-0141			<b>304/18-8 Stainless Steel, Hex Lag Bolts</b> <small>(06 05 23 00-0100)</small> .....	6.48	
06 05 23 00-0142	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	6.48	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.61	
			<i>For &gt;100 To 250, Deduct</i>	-1.22	
			<i>For &gt;250 To 500, Deduct</i>	-2.13	
			<i>For &gt;500, Deduct</i>	-3.04	
06 05 23 00-0143	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	6.86	
			<i>For &gt;10 To 50, Deduct</i>	-0.30	
			<i>For &gt;50 To 100, Deduct</i>	-0.62	
			<i>For &gt;100 To 250, Deduct</i>	-1.24	
			<i>For &gt;250 To 500, Deduct</i>	-2.16	
			<i>For &gt;500, Deduct</i>	-3.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0144 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	7.90	
<i>For &gt;10 To 50, Deduct</i>	-0.30	
<i>For &gt;50 To 100, Deduct</i>	-0.65	
<i>For &gt;100 To 250, Deduct</i>	-1.29	
<i>For &gt;250 To 500, Deduct</i>	-2.23	
<i>For &gt;500, Deduct</i>	-3.18	
06 05 23 00-0145 EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	7.81	
<i>For &gt;10 To 50, Deduct</i>	-0.33	
<i>For &gt;50 To 100, Deduct</i>	-0.68	
<i>For &gt;100 To 250, Deduct</i>	-1.37	
<i>For &gt;250 To 500, Deduct</i>	-2.38	
<i>For &gt;500, Deduct</i>	-3.39	
06 05 23 00-0146 EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	8.85	
<i>For &gt;10 To 50, Deduct</i>	-0.35	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100 To 250, Deduct</i>	-1.49	
<i>For &gt;250 To 500, Deduct</i>	-2.58	
<i>For &gt;500, Deduct</i>	-3.67	
06 05 23 00-0147 EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	9.51	
<i>For &gt;10 To 50, Deduct</i>	-0.35	
<i>For &gt;50 To 100, Deduct</i>	-0.76	
<i>For &gt;100 To 250, Deduct</i>	-1.52	
<i>For &gt;250 To 500, Deduct</i>	-2.63	
<i>For &gt;500, Deduct</i>	-3.74	
06 05 23 00-0148 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	20.12	
<i>For &gt;10 To 50, Deduct</i>	-0.42	
<i>For &gt;50 To 100, Deduct</i>	-1.13	
<i>For &gt;100 To 250, Deduct</i>	-2.26	
<i>For &gt;250 To 500, Deduct</i>	-3.81	
<i>For &gt;500, Deduct</i>	-5.36	
06 05 23 00-0149 EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	28.65	
<i>For &gt;10 To 50, Deduct</i>	-0.44	
<i>For &gt;50 To 100, Deduct</i>	-1.38	
<i>For &gt;100 To 250, Deduct</i>	-2.76	
<i>For &gt;250 To 500, Deduct</i>	-4.58	
<i>For &gt;500, Deduct</i>	-6.40	
06 05 23 00-0150 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	9.59	
<i>For &gt;10 To 50, Deduct</i>	-0.35	
<i>For &gt;50 To 100, Deduct</i>	-0.77	
<i>For &gt;100 To 250, Deduct</i>	-1.53	
<i>For &gt;250 To 500, Deduct</i>	-2.65	
<i>For &gt;500, Deduct</i>	-3.77	
06 05 23 00-0151 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	11.44	
<i>For &gt;10 To 50, Deduct</i>	-0.38	
<i>For &gt;50 To 100, Deduct</i>	-0.85	
<i>For &gt;100 To 250, Deduct</i>	-1.70	
<i>For &gt;250 To 500, Deduct</i>	-2.92	
<i>For &gt;500, Deduct</i>	-4.14	
06 05 23 00-0152 EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.29	
<i>For &gt;10 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-0.95	
<i>For &gt;100 To 250, Deduct</i>	-1.91	
<i>For &gt;250 To 500, Deduct</i>	-3.26	
<i>For &gt;500, Deduct</i>	-4.61	
06 05 23 00-0153 EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	30.58	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.43	
<i>For &gt;100 To 250, Deduct</i>	-2.86	
<i>For &gt;250 To 500, Deduct</i>	-4.74	
<i>For &gt;500, Deduct</i>	-6.62	
06 05 23 00-0154 EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	41.86	
<i>For &gt;10 To 50, Deduct</i>	-0.52	
<i>For &gt;50 To 100, Deduct</i>	-1.82	
<i>For &gt;100 To 250, Deduct</i>	-3.64	
<i>For &gt;250 To 500, Deduct</i>	-5.97	
<i>For &gt;500, Deduct</i>	-8.31	
06 05 23 00-0155 EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	49.01	
<i>For &gt;10 To 50, Deduct</i>	-0.56	
<i>For &gt;50 To 100, Deduct</i>	-2.07	
<i>For &gt;100 To 250, Deduct</i>	-4.14	
<i>For &gt;250 To 500, Deduct</i>	-6.77	
<i>For &gt;500, Deduct</i>	-9.40	
06 05 23 00-0156 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	45.65	
<i>For &gt;10 To 50, Deduct</i>	-0.45	
<i>For &gt;50 To 100, Deduct</i>	-1.81	
<i>For &gt;100 To 250, Deduct</i>	-3.62	
<i>For &gt;250 To 500, Deduct</i>	-5.87	
<i>For &gt;500, Deduct</i>	-8.13	
06 05 23 00-0157 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	52.17	
<i>For &gt;10 To 50, Deduct</i>	-0.52	
<i>For &gt;50 To 100, Deduct</i>	-2.08	
<i>For &gt;100 To 250, Deduct</i>	-4.16	
<i>For &gt;250 To 500, Deduct</i>	-6.75	
<i>For &gt;500, Deduct</i>	-9.34	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0158	EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	54.27	
	<i>For &gt;10 To 50, Deduct</i>	-0.54	
	<i>For &gt;50 To 100, Deduct</i>	-2.16	
	<i>For &gt;100 To 250, Deduct</i>	-4.33	
	<i>For &gt;250 To 500, Deduct</i>	-7.03	
	<i>For &gt;500, Deduct</i>	-9.74	
06 05 23 00-0159	EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	75.61	
	<i>For &gt;10 To 50, Deduct</i>	-0.59	
	<i>For &gt;50 To 100, Deduct</i>	-2.77	
	<i>For &gt;100 To 250, Deduct</i>	-5.54	
	<i>For &gt;250 To 500, Deduct</i>	-8.89	
	<i>For &gt;500, Deduct</i>	-12.25	
06 05 23 00-0160	EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	82.59	
	<i>For &gt;10 To 50, Deduct</i>	-0.61	
	<i>For &gt;50 To 100, Deduct</i>	-2.98	
	<i>For &gt;100 To 250, Deduct</i>	-5.96	
	<i>For &gt;250 To 500, Deduct</i>	-9.55	
	<i>For &gt;500, Deduct</i>	-13.14	
06 05 23 00-0161	Supports <small>(06 05 23)</small>		
06 05 23 00-0162	Shear Plates <small>(06 05 23 00-0161)</small>		
06 05 23 00-0163	EA 2-5/8" Diameter, Shear Plate.....	5.99	1.77
	<i>For &gt;10 To 50, Deduct</i>	-0.20	
	<i>For &gt;50 To 100, Deduct</i>	-0.45	
	<i>For &gt;100 To 250, Deduct</i>	-0.90	
	<i>For &gt;250 To 500, Deduct</i>	-1.54	
	<i>For &gt;500, Deduct</i>	-2.19	
06 05 23 00-0164	EA 4" Diameter, Shear Plate.....	8.80	1.86
	<i>For &gt;10 To 50, Deduct</i>	-0.21	
	<i>For &gt;50 To 100, Deduct</i>	-0.53	
	<i>For &gt;100 To 250, Deduct</i>	-1.06	
	<i>For &gt;250 To 500, Deduct</i>	-1.80	
	<i>For &gt;500, Deduct</i>	-2.54	
06 05 23 00-0165	Sill Anchors <small>(06 05 23 00-0161)</small>		
06 05 23 00-0166	EA Sill Anchor Embedded In Concrete.....	4.70	1.86
	<i>For &gt;10 To 50, Deduct</i>	-0.21	
	<i>For &gt;50 To 100, Deduct</i>	-0.43	
	<i>For &gt;100 To 250, Deduct</i>	-0.86	
	<i>For &gt;250 To 500, Deduct</i>	-1.49	
	<i>For &gt;500, Deduct</i>	-2.13	
06 05 23 00-0167	Spike Grids <small>(06 05 23 00-0161)</small>		
06 05 23 00-0168	EA 4" x 4" Flat Or Curved Spike Grid.....	4.70	1.77
	<i>For &gt;10 To 50, Deduct</i>	-0.20	
	<i>For &gt;50 To 100, Deduct</i>	-0.42	
	<i>For &gt;100 To 250, Deduct</i>	-0.83	
	<i>For &gt;250 To 500, Deduct</i>	-1.45	
	<i>For &gt;500, Deduct</i>	-2.06	
06 05 23 00-0169	Split Rings <small>(06 05 23 00-0161)</small>		
06 05 23 00-0170	EA 2-1/2" Diameter Split Ring.....	5.14	1.77
	<i>For &gt;10 To 50, Deduct</i>	-0.20	
	<i>For &gt;50 To 100, Deduct</i>	-0.43	
	<i>For &gt;100 To 250, Deduct</i>	-0.85	
	<i>For &gt;250 To 500, Deduct</i>	-1.48	
	<i>For &gt;500, Deduct</i>	-2.11	
06 05 23 00-0171	EA 4" Diameter Split Ring.....	6.29	1.96
	<i>For &gt;10 To 50, Deduct</i>	-0.22	
	<i>For &gt;50 To 100, Deduct</i>	-0.48	
	<i>For &gt;100 To 250, Deduct</i>	-0.97	
	<i>For &gt;250 To 500, Deduct</i>	-1.67	
	<i>For &gt;500, Deduct</i>	-2.37	
06 05 23 00-0172	Toothed Rings <small>(06 05 23 00-0161)</small>		
06 05 23 00-0173	EA 2-5/8" Or 4" Toothed Ring.....	6.83	1.77
	<i>For &gt;10 To 50, Deduct</i>	-0.20	
	<i>For &gt;50 To 100, Deduct</i>	-0.47	
	<i>For &gt;100 To 250, Deduct</i>	-0.94	
	<i>For &gt;250 To 500, Deduct</i>	-1.61	
	<i>For &gt;500, Deduct</i>	-2.28	
06 05 23 00-0174	Straps And Shields <small>(06 05 23)</small>		
06 05 23 00-0175	Shield Plate <small>(06 05 23 00-0174)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0176 EA 5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z) .....	4.28	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For &gt;500, Deduct</i>	-0.70	
06 05 23 00-0177 EA 5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z) .....	6.66	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;250 To 500, Deduct</i>	-0.68	
<i>For &gt;500, Deduct</i>	-1.00	
<b>06 05 23 00-0178 Strap Ties</b> <small>(06 05 23 00-0174)</small>		
06 05 23 00-0179 EA 1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9).....	1.47	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.06	
<i>For &gt;100 To 250, Deduct</i>	-0.12	
<i>For &gt;250 To 500, Deduct</i>	-0.23	
<i>For &gt;500, Deduct</i>	-0.37	
06 05 23 00-0180 EA 1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12).....	1.52	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.06	
<i>For &gt;100 To 250, Deduct</i>	-0.12	
<i>For &gt;250 To 500, Deduct</i>	-0.23	
<i>For &gt;500, Deduct</i>	-0.37	
06 05 23 00-0181 EA 1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15).....	2.04	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.08	
<i>For &gt;100 To 250, Deduct</i>	-0.16	
<i>For &gt;250 To 500, Deduct</i>	-0.30	
<i>For &gt;500, Deduct</i>	-0.48	
06 05 23 00-0182 EA 1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18).....	2.18	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.08	
<i>For &gt;100 To 250, Deduct</i>	-0.17	
<i>For &gt;250 To 500, Deduct</i>	-0.31	
<i>For &gt;500, Deduct</i>	-0.49	
06 05 23 00-0183 EA 1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21).....	2.31	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.09	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.32	
<i>For &gt;500, Deduct</i>	-0.50	
06 05 23 00-0184 EA 1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24).....	2.69	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.21	
<i>For &gt;250 To 500, Deduct</i>	-0.38	
<i>For &gt;500, Deduct</i>	-0.60	
06 05 23 00-0185 EA 1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30).....	3.03	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.11	
<i>For &gt;100 To 250, Deduct</i>	-0.22	
<i>For &gt;250 To 500, Deduct</i>	-0.41	
<i>For &gt;500, Deduct</i>	-0.63	
06 05 23 00-0186 EA 1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36).....	3.63	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.48	
<i>For &gt;500, Deduct</i>	-0.75	
06 05 23 00-0187 EA 1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA9).....	1.52	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.06	
<i>For &gt;100 To 250, Deduct</i>	-0.12	
<i>For &gt;250 To 500, Deduct</i>	-0.23	
<i>For &gt;500, Deduct</i>	-0.37	
06 05 23 00-0188 EA 1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA12).....	1.69	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.07	
<i>For &gt;100 To 250, Deduct</i>	-0.13	
<i>For &gt;250 To 500, Deduct</i>	-0.25	
<i>For &gt;500, Deduct</i>	-0.39	
06 05 23 00-0189 EA 1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA15).....	2.14	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.08	
<i>For &gt;100 To 250, Deduct</i>	-0.17	
<i>For &gt;250 To 500, Deduct</i>	-0.31	
<i>For &gt;500, Deduct</i>	-0.49	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0190	EA	1-1/4"	Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA18).....	2.34	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.18	
			<i>For &gt;250 To 500, Deduct</i>	-0.32	
			<i>For &gt;500, Deduct</i>	-0.51	
06 05 23 00-0191	EA	1-1/4"	Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA21).....	2.52	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.34	
			<i>For &gt;500, Deduct</i>	-0.53	
06 05 23 00-0192	EA	1-1/4"	Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA24).....	2.96	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.11	
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.40	
			<i>For &gt;500, Deduct</i>	-0.63	
06 05 23 00-0193	EA	1-1/4"	Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA30).....	3.24	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.42	
			<i>For &gt;500, Deduct</i>	-0.66	
06 05 23 00-0194	EA	1-1/4"	Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36).....	3.95	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.51	
			<i>For &gt;500, Deduct</i>	-0.78	
06 05 23 00-0195	EA	1-1/4"	Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49).....	5.23	
			<i>For &gt;10 To 50, Deduct</i>	-0.05	
			<i>For &gt;50 To 100, Deduct</i>	-0.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.36	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500, Deduct</i>	-0.96	
06 05 23 00-0196	EA	1-1/4"	Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9).....	1.75	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.07	
			<i>For &gt;100 To 250, Deduct</i>	-0.14	
			<i>For &gt;250 To 500, Deduct</i>	-0.25	
			<i>For &gt;500, Deduct</i>	-0.40	
06 05 23 00-0197	EA	1-1/4"	Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12).....	1.95	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.07	
			<i>For &gt;100 To 250, Deduct</i>	-0.15	
			<i>For &gt;250 To 500, Deduct</i>	-0.27	
			<i>For &gt;500, Deduct</i>	-0.42	
06 05 23 00-0198	EA	1-1/4"	Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18).....	2.66	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.10	
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.35	
			<i>For &gt;500, Deduct</i>	-0.54	
06 05 23 00-0199	EA	1-1/4"	Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22).....	3.52	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500, Deduct</i>	-0.68	
06 05 23 00-0200	EA	1-3/8"	Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6).....	2.33	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.08	
			<i>For &gt;100 To 250, Deduct</i>	-0.16	
			<i>For &gt;250 To 500, Deduct</i>	-0.29	
			<i>For &gt;500, Deduct</i>	-0.45	
06 05 23 00-0201	EA	1-3/8"	Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8).....	2.49	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.17	
			<i>For &gt;250 To 500, Deduct</i>	-0.31	
			<i>For &gt;500, Deduct</i>	-0.47	
06 05 23 00-0202	EA	1-3/8"	Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12).....	3.42	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500, Deduct</i>	-0.62	
06 05 23 00-0203	EA	2-1/16"	Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27).....	6.45	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.66	
			<i>For &gt;500, Deduct</i>	-0.98	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0204 EA 2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37) .....	8.84	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.26	
<i>For &gt;100 To 250, Deduct</i>	-0.53	
<i>For &gt;250 To 500, Deduct</i>	-0.87	
<i>For &gt;500, Deduct</i>	-1.27	
06 05 23 00-0205 EA 2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48) .....	11.81	
<i>For &gt;10 To 50, Deduct</i>	-0.05	
<i>For &gt;50 To 100, Deduct</i>	-0.34	
<i>For &gt;100 To 250, Deduct</i>	-0.69	
<i>For &gt;250 To 500, Deduct</i>	-1.12	
<i>For &gt;500, Deduct</i>	-1.62	
06 05 23 00-0206 EA 2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60) .....	17.39	
<i>For &gt;10 To 50, Deduct</i>	-0.05	
<i>For &gt;50 To 100, Deduct</i>	-0.49	
<i>For &gt;100 To 250, Deduct</i>	-0.98	
<i>For &gt;250 To 500, Deduct</i>	-1.57	
<i>For &gt;500, Deduct</i>	-2.23	
06 05 23 00-0207 EA 2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72) .....	22.58	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.62	
<i>For &gt;100 To 250, Deduct</i>	-1.25	
<i>For &gt;250 To 500, Deduct</i>	-1.99	
<i>For &gt;500, Deduct</i>	-2.81	
06 05 23 00-0208 EA 3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28).....	6.96	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.70	
<i>For &gt;500, Deduct</i>	-1.03	
06 05 23 00-0209 EA 3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40).....	9.58	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.28	
<i>For &gt;100 To 250, Deduct</i>	-0.56	
<i>For &gt;250 To 500, Deduct</i>	-0.93	
<i>For &gt;500, Deduct</i>	-1.34	
06 05 23 00-0210 EA 3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52).....	12.02	
<i>For &gt;10 To 50, Deduct</i>	-0.05	
<i>For &gt;50 To 100, Deduct</i>	-0.35	
<i>For &gt;100 To 250, Deduct</i>	-0.70	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.64	
06 05 23 00-0211 EA 3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66).....	17.79	
<i>For &gt;10 To 50, Deduct</i>	-0.05	
<i>For &gt;50 To 100, Deduct</i>	-0.50	
<i>For &gt;100 To 250, Deduct</i>	-1.00	
<i>For &gt;250 To 500, Deduct</i>	-1.60	
<i>For &gt;500, Deduct</i>	-2.27	
<b>06 05 23 00-0212 Twist Strap Ties</b> <small>(06 05 23 00-0174)</small>		
06 05 23 00-0213 EA 1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9) .....	2.02	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.07	
<i>For &gt;100 To 250, Deduct</i>	-0.15	
<i>For &gt;250 To 500, Deduct</i>	-0.27	
<i>For &gt;500, Deduct</i>	-0.42	
06 05 23 00-0214 EA 1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12) .....	2.40	
<i>For &gt;10 To 50, Deduct</i>	-0.02	
<i>For &gt;50 To 100, Deduct</i>	-0.08	
<i>For &gt;100 To 250, Deduct</i>	-0.17	
<i>For &gt;250 To 500, Deduct</i>	-0.30	
<i>For &gt;500, Deduct</i>	-0.46	
06 05 23 00-0215 EA 1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18) .....	3.27	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.11	
<i>For &gt;100 To 250, Deduct</i>	-0.22	
<i>For &gt;250 To 500, Deduct</i>	-0.39	
<i>For &gt;500, Deduct</i>	-0.60	
06 05 23 00-0216 EA 1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22) .....	3.88	
<i>For &gt;10 To 50, Deduct</i>	-0.04	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For &gt;500, Deduct</i>	-0.72	
<b>06 05 23 00-0217 Retrofit Plate Strap</b> <small>(06 05 23 00-0174)</small>		
06 05 23 00-0218 EA 1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18) .....	2.85	
<i>For &gt;10 To 50, Deduct</i>	-0.03	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.20	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500, Deduct</i>	-0.56	

**06 Wood, Plastics, and Composites****06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0219	EA		1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22).....	3.21	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.11	
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.39	
			<i>For &gt;500, Deduct</i>	-0.59	
06 05 23 00-0220	EA		1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28).....	3.76	
			<i>For &gt;10 To 50, Deduct</i>	-0.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;500, Deduct</i>	-0.65	
<b>06 05 23 00-0221</b>			<b>Stud Shoe</b> <small>(06 05 23 00-0174)</small>		
06 05 23 00-0222	EA		6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5).....	5.60	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.18	
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.60	
			<i>For &gt;500, Deduct</i>	-0.89	
06 05 23 00-0223	EA		6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5).....	8.76	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.51	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.21	
06 05 23 00-0224	EA		6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3).....	9.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.54	
			<i>For &gt;250 To 500, Deduct</i>	-0.89	
			<i>For &gt;500, Deduct</i>	-1.27	
06 05 23 00-0225	EA		6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5).....	12.69	
			<i>For &gt;10 To 50, Deduct</i>	-0.04	
			<i>For &gt;50 To 100, Deduct</i>	-0.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-1.13	
			<i>For &gt;500, Deduct</i>	-1.60	
<b>06 05 23 00-0226</b>			<b>Nail Stops</b> <small>(06 05 23 00-0174)</small>		
06 05 23 00-0227	EA		1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1).....	1.35	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.06	
			<i>For &gt;100 To 250, Deduct</i>	-0.12	
			<i>For &gt;250 To 500, Deduct</i>	-0.22	
			<i>For &gt;500, Deduct</i>	-0.36	
06 05 23 00-0228	EA		1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2).....	1.63	
			<i>For &gt;10 To 50, Deduct</i>	-0.02	
			<i>For &gt;50 To 100, Deduct</i>	-0.06	
			<i>For &gt;100 To 250, Deduct</i>	-0.13	
			<i>For &gt;250 To 500, Deduct</i>	-0.24	
			<i>For &gt;500, Deduct</i>	-0.38	
<b>06 05 73</b>			<b>Wood Treatment</b> <small>(06 05)</small>		
<b>06 05 73 13</b>			<b>Fire-Retardant Wood Treatment</b> <small>(06 05 73)</small>		
06 05 73 13-0001			Preservative Treated Lumber <small>(06 05 73 13)</small>		
06 05 73 13-0002			Fire Retardant Treatment (FRT) For Lumber <small>(06 05 73 13-0001)</small>		
06 05 73 13-0003	MBF		Fire Retardant Treatment (FRT) For Lumber.....	384.34	
<b>06 05 73 33</b>			<b>Preservative Wood Treatment</b> <small>(06 05 73)</small>		
06 05 73 33-0001			Preservative Treatment For Marine And Fresh Water Uses <small>(06 05 73 33)</small>		
06 05 73 33-0002	MBF		Preservative Treatment For Marine And Fresh Water Lumber.....	108.30	
<b>06 10</b>			<b>Rough Carpentry</b> <small>(06)</small>		
<b>06 11</b>			<b>Wood Framing</b> <small>(06 10)</small>		
			Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.		
<b>06 11 13</b>			<b>Engineered Wood Products</b> <small>(06 11)</small>		
			Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.		
06 11 13 00-0001			Built-Up Members <small>(06 11 13)</small>		
			Note: A structural framing member made from fastening separate pieces of lumber together.		
06 11 13 00-0002			Built-Up Beams Or Joists <small>(06 11 13 00-0001)</small>		



<b>Wood, Plastics, and Composites</b>			<b>06</b>
Rough Carpentry			<b>06 10</b>
Wood Framing			<b>06 11</b>

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	2.59 <i>0.67</i>	0.82
06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	3.35 <i>0.95</i>	0.96
06 11 13 00-0005 LF Two 2" x 10" Built-up Wood Beam Or Joist..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	4.36 <i>1.31</i>	1.16
<b>06 11 13 00-0006 Built-Up Posts</b> <small>(06 11 13 00-0001)</small>		
06 11 13 00-0007 LF Two 2" x 6" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	2.59 <i>0.67</i>	0.82
06 11 13 00-0008 LF Two 2" x 8" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	3.35 <i>0.95</i>	0.96
06 11 13 00-0009 LF Two 2" x 10" Built-up Wood Post..... <i>For Each Additional 2" x_" In The Built Up Member, Add</i>	4.36 <i>1.31</i>	1.16
<b>06 11 16 Mechanically Graded Lumber</b> <small>(06 11)</small>		
<b>06 11 16 00-0001 Rafters And Joists</b> <small>(06 11 16)</small>		
<b>06 11 16 00-0002 Rafters</b> <small>(06 11 16 00-0001)</small>		
<i>Note: An inclined roof framing member to which a roof covering is attached.</i>		
06 11 16 00-0003 LF 2" x 6" Wood Rafter .....	1.45	0.58
06 11 16 00-0004 LF 2" x 8" Wood Rafter .....	1.76	0.63
06 11 16 00-0005 LF 2" x 10" Wood Rafter .....	2.52	0.92
06 11 16 00-0006 LF 2" x 12" Wood Rafter .....	2.94	1.01
06 11 16 00-0007 LF 2" x 14" Wood Rafter .....	3.22	1.12
06 11 16 00-0008 LF 2" x 6" Pressure Treated Wood Rafter.....	1.55	0.58
06 11 16 00-0009 LF 2" x 8" Pressure Treated Wood Rafter.....	1.90	0.63
06 11 16 00-0010 LF 2" x 10" Pressure Treated Wood Rafter.....	2.55	0.92
06 11 16 00-0011 LF 2" x 12" Pressure Treated Wood Rafter.....	3.10	1.01
<b>06 11 16 00-0012 Joists</b> <small>(06 11 16 00-0001)</small>		
<i>Note: A series of parallel beams to support floors or ceilings.</i>		
06 11 16 00-0013 LF 2" x 6" Wood Floor Joist.....	1.30	0.48
06 11 16 00-0014 LF 2" x 8" Wood Floor Joist.....	1.67	0.53
06 11 16 00-0015 LF 2" x 10" Wood Floor Joist.....	2.18	0.68
06 11 16 00-0016 LF 2" x 12" Wood Floor Joist.....	2.60	0.78
06 11 16 00-0017 LF 2" x 14" Wood Floor Joist.....	2.88	0.82
06 11 16 00-0018 LF 2" x 6" Pressure Treated Wood Floor Joist.....	1.40	0.48
06 11 16 00-0019 LF 2" x 8" Pressure Treated Wood Floor Joist.....	1.81	0.53
06 11 16 00-0020 LF 2" x 10" Pressure Treated Wood Floor Joist.....	2.21	0.68
06 11 16 00-0021 LF 2" x 12" Pressure Treated Wood Floor Joist.....	2.76	0.78
<b>06 11 16 00-0022 Purlins</b> <small>(06 11 16 00-0001)</small>		
<i>Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.</i>		
06 11 16 00-0023 LF 2" x 4" Wood Purlin .....	0.98	0.29
06 11 16 00-0024 LF 2" x 6" Wood Purlin .....	1.31	0.32
06 11 16 00-0025 LF 2" x 8" Wood Purlin .....	1.65	0.35
06 11 16 00-0026 LF 2" x 10" Wood Purlin.....	2.09	0.39
06 11 16 00-0027 LF 2" x 4" Pressure Treated Wood Purlin .....	1.04	0.29
06 11 16 00-0028 LF 2" x 6" Pressure Treated Wood Purlin .....	1.41	0.32
06 11 16 00-0029 LF 2" x 8" Pressure Treated Wood Purlin .....	1.79	0.35
06 11 16 00-0030 LF 2" x 10" Pressure Treated Wood Purlin .....	2.12	0.39
<b>06 11 16 00-0031 Exposed Rafters Or Joists</b> <small>(06 11 16 00-0001)</small>		
<b>06 11 16 00-0032 Redwood Rafters Or Joists</b> <small>(06 11 16 00-0031)</small>		
06 11 16 00-0033 LF 2" x 6" Redwood Rafter Or Joist .....	2.27	0.48
06 11 16 00-0034 LF 2" x 8" Redwood Rafter Or Joist .....	2.81	0.53
06 11 16 00-0035 LF 2" x 10" Redwood Rafter Or Joist .....	3.53	0.68
06 11 16 00-0036 LF 2" x 12" Redwood Rafter Or Joist .....	4.31	0.78
<b>06 11 16 00-0037 Cedar Rafters Or Joists</b> <small>(06 11 16 00-0031)</small>		
06 11 16 00-0038 LF 2" x 6" Cedar Rafter Or Joist.....	1.30	0.48
06 11 16 00-0039 LF 2" x 8" Cedar Rafter Or Joist.....	1.45	0.53
06 11 16 00-0040 LF 2" x 10" Cedar Rafter Or Joist.....	1.63	0.68
06 11 16 00-0041 LF 2" x 12" Cedar Rafter Or Joist.....	1.81	0.78
<b>06 11 16 00-0042 Oak Rafters Or Joists</b> <small>(06 11 16 00-0031)</small>		
06 11 16 00-0043 LF 2" x 6" Oak Rafter Or Joist.....	1.70	0.48
06 11 16 00-0044 LF 2" x 8" Oak Rafter Or Joist.....	2.45	0.53
06 11 16 00-0045 LF 2" x 10" Oak Rafter Or Joist.....	3.25	0.68
06 11 16 00-0046 LF 2" x 12" Oak Rafter Or Joist.....	4.04	0.78

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0047			<b>Framing</b> (06 11 16)		
06 11 16 00-0048			<b>Partition Framing</b> (06 11 16 00-0047)		
06 11 16 00-0049	LF		2" x 4" Wood Stud Framing, For Partition Walls.....	0.95	0.39
06 11 16 00-0050	LF		2" x 6" Wood Stud Framing, For Partition Walls.....	1.25	0.41
06 11 16 00-0051	LF		2" x 8" Wood Stud Framing, For Partition Walls.....	1.54	0.44
06 11 16 00-0052	LF		2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.01	0.39
06 11 16 00-0053	LF		2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.35	0.41
06 11 16 00-0054	LF		2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.68	0.44
06 11 16 00-0055			<b>Wall Framing Assemblies By The SF</b> (06 11 16 00-0047)		
			Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0056			<b>Wall Framing By The SF, 12" On Center</b> (06 11 16 00-0055)		
06 11 16 00-0057	SF		2" x 4" Wood Wall Framing At 12" On Center.....	1.26	0.47
			For Up To 200, Add	0.39	
			For >200 To 500, Add	0.20	
06 11 16 00-0058	SF		2" x 6" Wood Wall Framing At 12" On Center.....	1.74	0.60
			For Up To 200, Add	0.52	
			For >200 To 500, Add	0.26	
06 11 16 00-0059	SF		2" x 8" Wood Wall Framing At 12" On Center.....	2.32	0.80
			For Up To 200, Add	0.70	
			For >200 To 500, Add	0.35	
06 11 16 00-0060			<b>Wall Framing By The SF, 16" On Center</b> (06 11 16 00-0055)		
06 11 16 00-0061	SF		2" x 4" Wood Wall Framing At 16" On Center.....	1.03	0.38
			For Up To 200, Add	0.32	
			For >200 To 500, Add	0.16	
06 11 16 00-0062	SF		2" x 6" Wood Wall Framing At 16" On Center.....	1.45	0.50
			For Up To 200, Add	0.44	
			For >200 To 500, Add	0.22	
06 11 16 00-0063	SF		2" x 8" Wood Wall Framing At 16" On Center.....	1.93	0.67
			For Up To 200, Add	0.58	
			For >200 To 500, Add	0.29	
06 11 16 00-0064			<b>Wall Framing By The SF, 24" On Center</b> (06 11 16 00-0055)		
06 11 16 00-0065	SF		2" x 4" Wood Wall Framing At 24" On Center.....	0.82	0.30
			For Up To 200, Add	0.25	
			For >200 To 500, Add	0.13	
06 11 16 00-0066	SF		2" x 6" Wood Wall Framing At 24" On Center.....	1.13	0.39
			For Up To 200, Add	0.34	
			For >200 To 500, Add	0.17	
06 11 16 00-0067	SF		2" x 8" Wood Wall Framing At 24" On Center.....	1.52	0.52
			For Up To 200, Add	0.46	
			For >200 To 500, Add	0.23	
06 11 16 00-0068			<b>Sills And Plates</b> (06 11 16)		
06 11 16 00-0069			<b>Sills</b> (06 11 16 00-0068)		
			Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070	LF		2" x 4" Wood Sill.....	1.49	0.73
06 11 16 00-0071	LF		2" x 6" Wood Sill.....	1.88	0.82
06 11 16 00-0072	LF		2" x 8" Wood Sill.....	2.30	0.92
06 11 16 00-0073	LF		2" x 4" Pressure Treated Wood Sill.....	1.55	0.73
06 11 16 00-0074	LF		2" x 6" Pressure Treated Wood Sill.....	1.98	0.82
06 11 16 00-0075	LF		2" x 8" Pressure Treated Wood Sill.....	2.44	0.92
06 11 16 00-0076			<b>Plates</b> (06 11 16 00-0068)		
			Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077	LF		2" x 4" Wood Plate.....	1.49	0.73
06 11 16 00-0078	LF		2" x 6" Wood Plate.....	1.88	0.82
06 11 16 00-0079	LF		2" x 8" Wood Plate.....	2.29	0.92
06 11 16 00-0080	LF		2" x 4" Pressure Treated Wood Plate.....	1.55	0.73
06 11 16 00-0081	LF		2" x 6" Pressure Treated Wood Plate.....	1.98	0.82
06 11 16 00-0082	LF		2" x 8" Pressure Treated Wood Plate.....	2.43	0.92
06 11 16 00-0083			<b>Suspended Ceiling Framing</b> (06 11 16)		
06 11 16 00-0084	LF		1" x 2" Wood Suspended Ceiling Framing.....	1.14	0.63
06 11 16 00-0085	LF		1" x 3" Wood Suspended Ceiling Framing.....	1.28	0.68
06 11 16 00-0086	LF		2" x 2" Wood Suspended Ceiling Framing.....	1.43	0.73
06 11 16 00-0087	LF		2" x 4" Wood Suspended Ceiling Framing.....	1.70	0.82
06 11 16 00-0088	LF		1" x 2" Pressure Treated Wood Suspended Ceiling Framing.....	1.24	0.63
06 11 16 00-0089	LF		1" x 3" Pressure Treated Wood Suspended Ceiling Framing.....	1.27	0.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0090 LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing .....	1.49	0.73
06 11 16 00-0091 LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing .....	1.72	0.82
<b>06 11 16 00-0092 Posts And Girts (06 11 16)</b>		
<b>06 11 16 00-0093 Posts (06 11 16 00-0092)</b>		
Note: A vertical, upright framing member.		
06 11 16 00-0094 LF 4" x 4" Wood Post.....	2.19	0.92
06 11 16 00-0095 LF 4" x 5" Wood Post.....	2.52	1.07
06 11 16 00-0096 LF 4" x 6" Wood Post.....	2.76	1.16
06 11 16 00-0097 LF 6" x 6" Wood Post.....	3.08	1.26
06 11 16 00-0098 LF 8" x 8" Wood Post.....	3.41	1.31
06 11 16 00-0099 LF 10" x 10" Wood Post.....	3.73	1.50
06 11 16 00-0100 LF 4" x 4" Pressure Treated Wood Post .....	2.58	0.92
06 11 16 00-0101 LF 4" x 6" Pressure Treated Wood Post .....	3.35	1.16
06 11 16 00-0102 LF 6" x 6" Pressure Treated Wood Post .....	4.33	1.26
<b>06 11 16 00-0103 Girts (06 11 16 00-0092)</b>		
Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0104 LF 2" x 4" Wood Girt .....	1.10	0.35
06 11 16 00-0105 LF 2" x 6" Wood Girt .....	1.44	0.38
06 11 16 00-0106 LF 2" x 8" Wood Girt .....	1.78	0.42
06 11 16 00-0107 LF 2" x 10" Wood Girt.....	2.24	0.46
06 11 16 00-0108 LF 4" x 4" Wood Girt .....	2.10	0.70
06 11 16 00-0109 LF 4" x 5" Wood Girt .....	2.43	0.79
06 11 16 00-0110 LF 4" x 6" Wood Girt .....	2.74	0.87
06 11 16 00-0111 LF 6" x 6" Wood Girt .....	3.07	0.96
06 11 16 00-0112 LF 8" x 8" Wood Girt .....	3.40	1.05
06 11 16 00-0113 LF 10" x 10" Wood Girt .....	3.72	1.14
06 11 16 00-0114 LF 2" x 4" Pressure Treated Wood Girt.....	1.16	0.35
06 11 16 00-0115 LF 2" x 6" Pressure Treated Wood Girt.....	1.54	0.38
06 11 16 00-0116 LF 2" x 8" Pressure Treated Wood Girt.....	1.92	0.42
06 11 16 00-0117 LF 2" x 10" Pressure Treated Wood Girt.....	2.27	0.46
06 11 16 00-0118 LF 4" x 4" Pressure Treated Wood Girt.....	2.58	0.70
06 11 16 00-0119 LF 4" x 6" Pressure Treated Wood Girt.....	3.35	0.87
06 11 16 00-0120 LF 6" x 6" Pressure Treated Wood Girt.....	4.33	0.96
<b>06 11 16 00-0121 Stair Stringers (06 11 16)</b>		
06 11 16 00-0122 LF 2" x 10" Wood Stair Stringer .....	4.20	1.94
06 11 16 00-0123 LF 2" x 12" Wood Stair Stringer .....	5.00	2.28
06 11 16 00-0124 LF 2" x 10" Pressure Treated Wood Stair Stringer.....	4.25	1.94
06 11 16 00-0125 LF 2" x 12" Pressure Treated Wood Stair Stringer.....	5.14	2.28
<b>06 11 16 00-0126 Blocking (06 11 16)</b>		
<b>06 11 16 00-0127 Blocking (06 11 16 00-0126)</b>		
<b>06 11 16 00-0128 Blocking To Wood (06 11 16 00-0127)</b>		
06 11 16 00-0129 LF 2" x 4" Pressure Treated Wood Blocking To Wood .....	2.99	1.17
06 11 16 00-0130 LF 2" x 6" Pressure Treated Wood Blocking To Wood .....	3.67	1.28
06 11 16 00-0131 LF 2" x 8" Pressure Treated Wood Blocking To Wood .....	4.26	1.40
06 11 16 00-0132 LF 4" x 4" Pressure Treated Wood Blocking To Wood .....	5.02	1.55
06 11 16 00-0133 LF 4" x 6" Pressure Treated Wood Blocking To Wood .....	5.37	1.70
06 11 16 00-0134 LF 2" x 4" Wood Blocking To Wood .....	2.72	1.17
06 11 16 00-0135 LF 2" x 6" Wood Blocking To Wood .....	3.23	1.28
06 11 16 00-0136 LF 2" x 8" Wood Blocking To Wood.....	3.76	1.40
06 11 16 00-0137 LF 4" x 4" Wood Blocking To Wood.....	3.89	1.55
06 11 16 00-0138 LF 4" x 6" Wood Blocking To Wood.....	4.42	1.70
<b>06 11 16 00-0139 Blocking To Steel (06 11 16 00-0127)</b>		
06 11 16 00-0140 LF 2" x 4" Pressure Treated Wood Blocking To Steel.....	3.40	1.34
06 11 16 00-0141 LF 2" x 6" Pressure Treated Wood Blocking To Steel.....	4.17	1.47
06 11 16 00-0142 LF 2" x 8" Pressure Treated Wood Blocking To Steel.....	4.82	1.62
06 11 16 00-0143 LF 2" x 4" Wood Blocking To Steel .....	3.11	1.34
06 11 16 00-0144 LF 2" x 6" Wood Blocking To Steel .....	3.67	1.47
06 11 16 00-0145 LF 2" x 8" Wood Blocking To Steel .....	4.28	1.62
<b>06 11 16 00-0146 Blocking To Concrete (06 11 16 00-0127)</b>		
06 11 16 00-0147 LF 2" x 4" Pressure Treated Wood Blocking To Concrete .....	3.40	1.34
06 11 16 00-0148 LF 2" x 6" Pressure Treated Wood Blocking To Concrete .....	4.17	1.47
06 11 16 00-0149 LF 2" x 8" Pressure Treated Wood Blocking To Concrete .....	4.82	1.62
06 11 16 00-0150 LF 2" x 4" Wood Blocking To Concrete .....	3.11	1.34
06 11 16 00-0151 LF 2" x 6" Wood Blocking To Concrete .....	3.67	1.47
06 11 16 00-0152 LF 2" x 8" Wood Blocking To Concrete .....	4.28	1.62

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 11 16 00-0153		<b>Pressure Treated Lattice</b> (06 11 16 00-0126)			
06 11 16 00-0154	SF	3/4" Thick Pressure Treated Wood Lattice.....		4.23	1.01
06 11 16 00-0155		<b>Roofing Nailers</b> (06 11 16)			
06 11 16 00-0156	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers.....		1.58	0.39
06 11 16 00-0157	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers.....		1.93	0.41
06 11 16 00-0158	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers.....		2.29	0.44
06 11 16 00-0159		<b>Roofing Sleepers</b> (06 11 16)			
06 11 16 00-0160	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....		0.82	
06 11 16 00-0161	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....		1.90	
06 11 16 00-0162	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....		2.48	
06 11 16 00-0163	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....		3.37	
06 11 16 00-0164		<b>Canopy Framing, Bridging, And Furring</b> (06 11 16)			
06 11 16 00-0165		<b>Wood And Steel Bridging</b> (06 11 16 00-0164)			
06 11 16 00-0166		<b>Wood Bridging</b> (06 11 16 00-0165)			
06 11 16 00-0167	EA	1 Pair Wood Bridging, 1" x 3" Cross Type ..... Note: For joists spaced at 16" on center.		4.08	1.70
06 11 16 00-0168	EA	1 Pair Wood Bridging, 2" x 3" Cross Type ..... Note: For joists spaced at 16" on center.		4.29	1.70
06 11 16 00-0169		<b>Steel Bridging</b> (06 11 16 00-0165)			
06 11 16 00-0170	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center.....		5.03	1.70
06 11 16 00-0171	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center.....		5.01	1.70
06 11 16 00-0172		<b>Light Framing, Trim And Furring</b> (06 11 16 00-0164)			
06 11 16 00-0173		<b>Pine/Spruce/Fir Light Framing, Trim And Furring</b> (06 11 16 00-0172)			
06 11 16 00-0174	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....		0.91	0.40
06 11 16 00-0175	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.05	0.44
06 11 16 00-0176	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.25	0.48
06 11 16 00-0177	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.41	0.53
06 11 16 00-0178	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.56	0.58
06 11 16 00-0179	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.74	0.64
06 11 16 00-0180	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.42	0.53
06 11 16 00-0181	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.60	0.58
06 11 16 00-0182	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....		1.95	0.64
06 11 16 00-0183	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....		2.34	0.71
06 11 16 00-0184	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....		2.86	0.78
06 11 16 00-0185		<b>Cedar Light Framing, Trim And Furring</b> (06 11 16 00-0172)			
06 11 16 00-0186	LF	1" x 1" Cedar Light Framing, Trim And Furring.....		0.94	0.40
06 11 16 00-0187	LF	1" x 2" Cedar Light Framing, Trim And Furring.....		1.16	0.44
06 11 16 00-0188	LF	1" x 4" Cedar Light Framing, Trim And Furring.....		1.68	0.48
06 11 16 00-0189	LF	1" x 6" Cedar Light Framing, Trim And Furring.....		2.14	0.53
06 11 16 00-0190	LF	1" x 8" Cedar Light Framing, Trim And Furring.....		3.48	0.58
06 11 16 00-0191	LF	1" x 10" Cedar Light Framing, Trim And Furring.....		4.18	0.64
06 11 16 00-0192	LF	2" x 2" Cedar Light Framing, Trim And Furring.....		1.70	0.53
06 11 16 00-0193	LF	2" x 4" Cedar Light Framing, Trim And Furring.....		2.01	0.58
06 11 16 00-0194		<b>Oak Light Framing, Trim And Furring</b> (06 11 16 00-0172)			
06 11 16 00-0195	LF	1" x 1" Oak Light Framing, Trim And Furring.....		0.94	0.40
06 11 16 00-0196	LF	1" x 2" Oak Light Framing, Trim And Furring.....		1.18	0.44
06 11 16 00-0197	LF	1" x 4" Oak Light Framing, Trim And Furring.....		1.57	0.48
06 11 16 00-0198	LF	1" x 6" Oak Light Framing, Trim And Furring.....		1.98	0.53
06 11 16 00-0199	LF	1" x 8" Oak Light Framing, Trim And Furring.....		2.38	0.58
06 11 16 00-0200	LF	1" x 10" Oak Light Framing, Trim And Furring.....		2.81	0.64
06 11 16 00-0201	LF	2" x 2" Oak Light Framing, Trim And Furring.....		1.67	0.53
06 11 16 00-0202	LF	2" x 4" Oak Light Framing, Trim And Furring.....		2.38	0.58
06 11 16 00-0203		<b>Redwood Light Framing, Trim And Furring</b> (06 11 16 00-0172)			
06 11 16 00-0204	LF	1" x 1" Redwood Light Framing, Trim And Furring.....		0.90	0.40
06 11 16 00-0205	LF	1" x 2" Redwood Light Framing, Trim And Furring.....		1.09	0.44
06 11 16 00-0206	LF	1" x 4" Redwood Light Framing, Trim And Furring.....		1.42	0.48
06 11 16 00-0207	LF	1" x 6" Redwood Light Framing, Trim And Furring.....		1.79	0.53
06 11 16 00-0208	LF	1" x 8" Redwood Light Framing, Trim And Furring.....		2.19	0.58
06 11 16 00-0209	LF	1" x 10" Redwood Light Framing, Trim And Furring.....		2.63	0.64
06 11 16 00-0210	LF	2" x 2" Redwood Light Framing, Trim And Furring.....		1.81	0.53
06 11 16 00-0211	LF	2" x 4" Redwood Light Framing, Trim And Furring.....		2.21	0.58



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 11 16 00-0212 Poplar Light Framing, Trim And Furring</b> (06 11 16 00-0172)						
	06 11 16 00-0213	LF		1" x 1" Poplar Light Framing, Trim And Furring .....	1.16	0.40
	06 11 16 00-0214	LF		1" x 2" Poplar Light Framing, Trim And Furring .....	1.50	0.44
	06 11 16 00-0215	LF		1" x 4" Poplar Light Framing, Trim And Furring .....	2.00	0.48
	06 11 16 00-0216	LF		1" x 6" Poplar Light Framing, Trim And Furring .....	2.68	0.53
	06 11 16 00-0217	LF		1" x 8" Poplar Light Framing, Trim And Furring .....	3.16	0.58
	06 11 16 00-0218	LF		1" x 10" Poplar Light Framing, Trim And Furring .....	4.37	0.64
	06 11 16 00-0219	LF		1" x 12" Poplar Light Framing, Trim And Furring .....	4.80	0.64
	06 11 16 00-0220	LF		2" x 2" Poplar Light Framing, Trim And Furring .....	3.77	0.53
	06 11 16 00-0221	LF		2" x 4" Poplar Light Framing, Trim And Furring .....	4.24	0.58
	06 11 16 00-0222	LF		2" x 6" Poplar Light Framing, Trim And Furring .....	5.90	0.64
<b>06 11 16 00-0223 Maple Light Framing, Trim And Furring</b> (06 11 16 00-0172)						
	06 11 16 00-0224	LF		1" x 4" Maple Light Framing, Trim And Furring .....	3.11	0.48
	06 11 16 00-0225	LF		1" x 6" Maple Light Framing, Trim And Furring .....	4.41	0.53
	06 11 16 00-0226	LF		1" x 8" Maple Light Framing, Trim And Furring .....	5.72	0.58
<b>06 11 16 00-0227 Platform Edging</b> (06 11 16)						
Note: Includes bolting to concrete surface.						
	06 11 16 00-0228	LF		1" Wood Platform Edging, Including Bolts .....	8.99	3.30
	06 11 16 00-0229	LF		2" Wood Platform Edging, Including Bolts .....	12.50	3.84
<b>06 13 Heavy Timber Construction</b> (06 10)						
<b>06 13 23 Heavy Timber Framing</b> (06 13)						
<b>06 13 23 00-0001 Heavy Timber Framing</b> (06 13 23)						
Note: Excludes fasteners.						
<b>06 13 23 00-0002 Heavy Timber Beams</b> (06 13 23 00-0001)						
<b>06 13 23 00-0003 Pine, Heavy Timber Beams</b> (06 13 23 00-0002)						
	06 13 23 00-0004	LF		4" x 4", Pine, Heavy Timber Beam.....	2.93	0.86
	06 13 23 00-0005	LF		4" x 6", Pine, Heavy Timber Beam.....	3.61	0.89
	06 13 23 00-0006	LF		4" x 8", Pine, Heavy Timber Beam.....	4.29	0.93
	06 13 23 00-0007	LF		4" x 10", Pine, Heavy Timber Beam.....	5.66	0.99
	06 13 23 00-0008	LF		4" x 12", Pine, Heavy Timber Beam.....	6.78	1.06
	06 13 23 00-0009	LF		6" x 6", Pine, Heavy Timber Beam.....	4.64	0.96
	06 13 23 00-0010	LF		6" x 8", Pine, Heavy Timber Beam.....	5.64	1.01
	06 13 23 00-0011	LF		6" x 10", Pine, Heavy Timber Beam.....	7.69	1.09
	06 13 23 00-0012	LF		6" x 12", Pine, Heavy Timber Beam.....	9.22	1.12
	06 13 23 00-0013	LF		8" x 8", Pine, Heavy Timber Beam.....	6.95	1.06
	06 13 23 00-0014	LF		8" x 10", Pine, Heavy Timber Beam.....	9.53	1.09
	06 13 23 00-0015	LF		8" x 12", Pine, Heavy Timber Beam.....	11.60	1.12
	06 13 23 00-0016	LF		10" x 10", Pine, Heavy Timber Beam.....	11.47	1.12
	06 13 23 00-0017	LF		10" x 12", Pine, Heavy Timber Beam.....	14.10	1.21
	06 13 23 00-0018	LF		12" x 12", Pine, Heavy Timber Beam.....	16.68	1.33
<b>06 13 23 00-0019 Douglas Fir, Heavy Timber Beams</b> (06 13 23 00-0002)						
	06 13 23 00-0020	LF		4" x 4", Douglas Fir, Heavy Timber Beam.....	3.05	0.86
	06 13 23 00-0021	LF		4" x 6", Douglas Fir, Heavy Timber Beam.....	3.79	0.89
	06 13 23 00-0022	LF		4" x 8", Douglas Fir, Heavy Timber Beam.....	4.54	0.93
	06 13 23 00-0023	LF		4" x 10", Douglas Fir, Heavy Timber Beam.....	6.03	0.99
	06 13 23 00-0024	LF		4" x 12", Douglas Fir, Heavy Timber Beam.....	7.24	1.06
	06 13 23 00-0025	LF		6" x 6", Douglas Fir, Heavy Timber Beam.....	4.91	0.96
	06 13 23 00-0026	LF		6" x 8", Douglas Fir, Heavy Timber Beam.....	6.00	1.01
	06 13 23 00-0027	LF		6" x 10", Douglas Fir, Heavy Timber Beam.....	8.24	1.09
	06 13 23 00-0028	LF		6" x 12", Douglas Fir, Heavy Timber Beam.....	9.93	1.12
	06 13 23 00-0029	LF		8" x 8", Douglas Fir, Heavy Timber Beam.....	7.43	1.06
	06 13 23 00-0030	LF		8" x 10", Douglas Fir, Heavy Timber Beam.....	10.26	1.09
	06 13 23 00-0031	LF		8" x 12", Douglas Fir, Heavy Timber Beam.....	12.54	1.12
	06 13 23 00-0032	LF		10" x 10", Douglas Fir, Heavy Timber Beam.....	12.38	1.12
	06 13 23 00-0033	LF		10" x 12", Douglas Fir, Heavy Timber Beam.....	15.25	1.21
	06 13 23 00-0034	LF		12" x 12", Douglas Fir, Heavy Timber Beam.....	18.07	1.33
<b>06 13 23 00-0035 Pressure Treated, Heavy Timber Beams</b> (06 13 23 00-0002)						
	06 13 23 00-0036	LF		4" x 4", Pressure Treated, Heavy Timber Beam .....	2.88	0.86
	06 13 23 00-0037	LF		4" x 6", Pressure Treated, Heavy Timber Beam .....	3.63	0.89
	06 13 23 00-0038	LF		4" x 8", Pressure Treated, Heavy Timber Beam .....	4.29	0.93
	06 13 23 00-0039	LF		4" x 10", Pressure Treated, Heavy Timber Beam .....	5.67	0.99
	06 13 23 00-0040	LF		4" x 12", Pressure Treated, Heavy Timber Beam .....	6.78	1.06
	06 13 23 00-0041	LF		6" x 6", Pressure Treated, Heavy Timber Beam .....	4.64	0.96
	06 13 23 00-0042	LF		6" x 8", Pressure Treated, Heavy Timber Beam .....	4.90	1.01
	06 13 23 00-0043	LF		6" x 10", Pressure Treated, Heavy Timber Beam .....	7.38	1.09

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 13 Heavy Timber Construction**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0044	LF		6" x 12", Pressure Treated, Heavy Timber Beam .....	9.04	1.12
06 13 23 00-0045	LF		8" x 8", Pressure Treated, Heavy Timber Beam .....	9.15	1.06
06 13 23 00-0046	LF		8" x 10", Pressure Treated, Heavy Timber Beam .....	10.62	1.09
06 13 23 00-0047	LF		8" x 12", Pressure Treated, Heavy Timber Beam .....	12.51	1.12
06 13 23 00-0048	LF		10" x 10", Pressure Treated, Heavy Timber Beam .....	12.57	1.12
06 13 23 00-0049	LF		10" x 12", Pressure Treated, Heavy Timber Beam .....	16.63	1.21
06 13 23 00-0050	LF		12" x 12", Pressure Treated, Heavy Timber Beam .....	19.72	1.33
<b>06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)</b>					
<b>06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0001)</b>					
06 13 23 00-0053	LF		4" x 4", Pine, Heavy Timber Column .....	2.11	0.45
06 13 23 00-0054	LF		4" x 6", Pine, Heavy Timber Column .....	2.77	0.48
06 13 23 00-0055	LF		4" x 8", Pine, Heavy Timber Column .....	3.40	0.49
06 13 23 00-0056	LF		4" x 10", Pine, Heavy Timber Column .....	4.72	0.52
06 13 23 00-0057	LF		4" x 12", Pine, Heavy Timber Column .....	5.78	0.55
06 13 23 00-0058	LF		6" x 6", Pine, Heavy Timber Column .....	3.73	0.50
06 13 23 00-0059	LF		6" x 8", Pine, Heavy Timber Column .....	4.69	0.52
06 13 23 00-0060	LF		6" x 10", Pine, Heavy Timber Column .....	6.66	0.57
06 13 23 00-0061	LF		6" x 12", Pine, Heavy Timber Column .....	8.17	0.58
06 13 23 00-0062	LF		8" x 8", Pine, Heavy Timber Column .....	5.95	0.55
06 13 23 00-0063	LF		8" x 10", Pine, Heavy Timber Column .....	8.50	0.57
06 13 23 00-0064	LF		8" x 12", Pine, Heavy Timber Column .....	10.53	0.59
06 13 23 00-0065	LF		10" x 10", Pine, Heavy Timber Column .....	10.39	0.59
06 13 23 00-0066	LF		10" x 12", Pine, Heavy Timber Column .....	12.95	0.64
06 13 23 00-0067	LF		12" x 12", Pine, Heavy Timber Column .....	15.41	0.70
<b>06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0001)</b>					
06 13 23 00-0069	LF		4" x 4", Douglas Fir, Heavy Timber Column .....	2.23	0.45
06 13 23 00-0070	LF		4" x 6", Douglas Fir, Heavy Timber Column .....	2.95	0.48
06 13 23 00-0071	LF		4" x 8", Douglas Fir, Heavy Timber Column .....	3.65	0.49
06 13 23 00-0072	LF		4" x 10", Douglas Fir, Heavy Timber Column .....	5.09	0.52
06 13 23 00-0073	LF		4" x 12", Douglas Fir, Heavy Timber Column .....	6.24	0.55
06 13 23 00-0074	LF		6" x 6", Douglas Fir, Heavy Timber Column .....	4.00	0.50
06 13 23 00-0075	LF		6" x 8", Douglas Fir, Heavy Timber Column .....	5.05	0.52
06 13 23 00-0076	LF		6" x 10", Douglas Fir, Heavy Timber Column .....	7.21	0.57
06 13 23 00-0077	LF		6" x 12", Douglas Fir, Heavy Timber Column .....	8.88	0.58
06 13 23 00-0078	LF		8" x 8", Douglas Fir, Heavy Timber Column .....	6.43	0.55
06 13 23 00-0079	LF		8" x 10", Douglas Fir, Heavy Timber Column .....	9.23	0.57
06 13 23 00-0080	LF		8" x 12", Douglas Fir, Heavy Timber Column .....	11.47	0.59
06 13 23 00-0081	LF		10" x 10", Douglas Fir, Heavy Timber Column .....	11.30	0.59
06 13 23 00-0082	LF		10" x 12", Douglas Fir, Heavy Timber Column .....	14.10	0.64
06 13 23 00-0083	LF		12" x 12", Douglas Fir, Heavy Timber Column .....	16.80	0.70
<b>06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0001)</b>					
06 13 23 00-0085	LF		4" x 4", Pressure Treated, Heavy Timber Column .....	2.06	0.45
06 13 23 00-0086	LF		4" x 6", Pressure Treated, Heavy Timber Column .....	2.79	0.48
06 13 23 00-0087	LF		4" x 8", Pressure Treated, Heavy Timber Column .....	3.40	0.49
06 13 23 00-0088	LF		4" x 10", Pressure Treated, Heavy Timber Column .....	4.73	0.52
06 13 23 00-0089	LF		4" x 12", Pressure Treated, Heavy Timber Column .....	5.78	0.55
06 13 23 00-0090	LF		6" x 6", Pressure Treated, Heavy Timber Column .....	3.73	0.50
06 13 23 00-0091	LF		6" x 8", Pressure Treated, Heavy Timber Column .....	3.95	0.52
06 13 23 00-0092	LF		6" x 10", Pressure Treated, Heavy Timber Column .....	6.35	0.57
06 13 23 00-0093	LF		6" x 12", Pressure Treated, Heavy Timber Column .....	7.99	0.58
06 13 23 00-0094	LF		8" x 8", Pressure Treated, Heavy Timber Column .....	8.15	0.55
06 13 23 00-0095	LF		8" x 10", Pressure Treated, Heavy Timber Column .....	9.59	0.57
06 13 23 00-0096	LF		8" x 12", Pressure Treated, Heavy Timber Column .....	11.44	0.59
06 13 23 00-0097	LF		10" x 10", Pressure Treated, Heavy Timber Column .....	11.49	0.59
06 13 23 00-0098	LF		10" x 12", Pressure Treated, Heavy Timber Column .....	15.48	0.64
06 13 23 00-0099	LF		12" x 12", Pressure Treated, Heavy Timber Column .....	18.45	0.70
<b>06 15 Wood Decking (06 10)</b>					
<b>06 15 13 Wood Floor Decking (06 15)</b>					
<b>06 15 13 00-0001 Wood Deck Systems (06 15 13)</b>					
Note: Includes the deck, joists, girders, posts (8' O.C.), pickets and railing.					
<b>06 15 13 00-0002 Pressure Treated Wood Deck System (06 15 13 00-0001)</b>					
<b>06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)</b>					
06 15 13 00-0004	SF		5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	17.92	3.28
06 15 13 00-0005	SF		5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	17.48	3.12
06 15 13 00-0006	SF		2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	18.67	3.37
06 15 13 00-0007	SF		2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	18.25	3.19





<b>Wood, Plastics, and Composites</b>			<b>06</b>
Rough Carpentry			06 10
Wood Decking			06 15

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 15 13 00-0008</b> 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0009 SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.58	3.37
06 15 13 00-0010 SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.13	3.19
06 15 13 00-0011 SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.35	3.44
06 15 13 00-0012 SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center.....	18.91	3.27
<b>06 15 13 00-0013</b> 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0014 SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	17.92	3.28
06 15 13 00-0015 SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	17.48	3.12
06 15 13 00-0016 SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	18.67	3.37
06 15 13 00-0017 SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	18.25	3.19
<b>06 15 13 00-0018</b> Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
<b>06 15 13 00-0019</b> 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0020 SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.62	3.28
06 15 13 00-0021 SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.25	3.10
06 15 13 00-0022 SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	20.80	3.37
06 15 13 00-0023 SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	20.25	3.19
<b>06 15 13 00-0024</b> 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0025 SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	21.24	3.37
06 15 13 00-0026 SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	20.86	3.19
06 15 13 00-0027 SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	22.53	3.44
06 15 13 00-0028 SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	21.98	3.27
<b>06 15 13 00-0029</b> 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0030 SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	20.30	3.28
06 15 13 00-0031 SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	19.93	3.12
06 15 13 00-0032 SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	21.51	3.37
06 15 13 00-0033 SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	21.51	3.19
<b>06 15 13 00-0034</b> Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
<b>06 15 13 00-0035</b> 2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0036 SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.85	3.28
06 15 13 00-0037 SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.45	3.12
06 15 13 00-0038 SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.93	3.37
06 15 13 00-0039 SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.37	3.19
<b>06 15 13 00-0040</b> 2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0041 SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	20.32	3.37
06 15 13 00-0042 SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.91	3.19
06 15 13 00-0043 SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	21.51	3.44
06 15 13 00-0044 SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	21.25	3.27
<b>06 15 13 00-0045</b> 2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0046 SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	19.97	3.28
06 15 13 00-0047 SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	19.05	3.12
06 15 13 00-0048 SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	20.57	3.37
06 15 13 00-0049 SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	20.31	3.19
<b>06 15 13 00-0050</b> Cedar With Pressure Treated Joists Wood Deck System <small>(06 15 13 00-0001)</small>		
<b>06 15 13 00-0051</b> 2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0050)</small>		
06 15 13 00-0052 SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.53	3.28
06 15 13 00-0053 SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.11	3.12
06 15 13 00-0054 SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.34	3.37
06 15 13 00-0055 SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	18.94	3.19

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

ARLINGTON  
VIRGINIA

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 15 13 00-0056		<b>2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0050)</small>		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.24	3.37
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.08	3.19
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	20.06	3.44
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	19.69	3.27
06 15 13 00-0061		<b>2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0050)</small>		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	18.92	3.28
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	18.50	3.12
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	19.73	3.37
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	19.34	3.19
06 15 13 00-0066		<b>Wood Ramp Systems</b> <small>(06 15 13)</small>		
		Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.		
06 15 13 00-0067		<b>Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
06 15 13 00-0068		<b>2" x 6" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
06 15 13 00-0069	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	20.48	3.19
06 15 13 00-0070	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	19.88	3.03
06 15 13 00-0071	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.28	3.28
06 15 13 00-0072	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	20.70	3.12
06 15 13 00-0073		<b>2" x 8" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
06 15 13 00-0074	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	21.18	3.28
06 15 13 00-0075	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	20.58	3.12
06 15 13 00-0076	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.02	3.37
06 15 13 00-0077	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	21.42	3.19
06 15 13 00-0078		<b>2" x 10" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
06 15 13 00-0079	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	21.91	3.36
06 15 13 00-0080	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	21.30	3.19
06 15 13 00-0081	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	22.78	3.44
06 15 13 00-0082	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	22.17	3.27
06 15 13 00-0083		<b>Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
06 15 13 00-0084		<b>2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>		
06 15 13 00-0085	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	22.07	3.19
06 15 13 00-0086	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.55	3.03
06 15 13 00-0087	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	23.28	3.28
06 15 13 00-0088	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	22.58	3.12
06 15 13 00-0089		<b>2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>		
06 15 13 00-0090	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.88	3.28
06 15 13 00-0091	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.35	3.12
06 15 13 00-0092	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	24.15	3.37
06 15 13 00-0093	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	23.42	3.19
06 15 13 00-0094		<b>2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>		
06 15 13 00-0095	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	24.58	3.36
06 15 13 00-0096	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	24.03	3.19
06 15 13 00-0097	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	25.97	3.44
06 15 13 00-0098	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	25.59	3.27
06 15 13 00-0099		<b>Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
06 15 13 00-0100		<b>2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0099)</small>		
06 15 13 00-0101	SF	5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.35	3.19
06 15 13 00-0102	SF	5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	20.79	3.03
06 15 13 00-0103	SF	2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	22.47	3.28
06 15 13 00-0104	SF	2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.75	3.12
06 15 13 00-0105		<b>2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0099)</small>		
06 15 13 00-0106	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.11	3.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0107 SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	21.55	3.12
06 15 13 00-0108 SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	23.28	3.37
06 15 13 00-0109 SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.54	3.19
<b>06 15 13 00-0110 2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b>		
<small>(06 15 13 00-0099)</small>		
06 15 13 00-0111 SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	23.61	3.36
06 15 13 00-0112 SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	23.08	3.19
06 15 13 00-0113 SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	24.94	3.44
06 15 13 00-0114 SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	24.51	3.27
<b>06 15 13 00-0115 Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
<b>06 15 13 00-0116 2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>		
06 15 13 00-0117 SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.04	3.19
06 15 13 00-0118 SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	20.47	3.03
06 15 13 00-0119 SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.90	3.28
06 15 13 00-0120 SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	21.34	3.12
<b>06 15 13 00-0121 2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>		
06 15 13 00-0122 SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	21.78	3.28
06 15 13 00-0123 SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	21.20	3.12
06 15 13 00-0124 SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.67	3.37
06 15 13 00-0125 SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	22.10	3.19
<b>06 15 13 00-0126 2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>		
06 15 13 00-0127 SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	22.56	3.36
06 15 13 00-0128 SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	21.96	3.19
06 15 13 00-0129 SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	23.48	3.44
06 15 13 00-0130 SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	22.90	3.27
<b>06 15 13 00-0131 Wood Stair Systems</b> <small>(06 15 13)</small>		
Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
<b>06 15 13 00-0132 Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0131)</small>		
<b>06 15 13 00-0133 2" x 10" Joists, Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0132)</small>		
06 15 13 00-0134 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	57.89	7.87
06 15 13 00-0135 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	57.02	7.47
06 15 13 00-0136 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	59.78	8.06
06 15 13 00-0137 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	58.55	7.67
06 15 13 00-0138 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	60.78	8.26
06 15 13 00-0139 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	59.87	7.85
06 15 13 00-0140 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	62.78	8.47
06 15 13 00-0141 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	61.49	8.05
06 15 13 00-0142 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	63.73	8.67
06 15 13 00-0143 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	62.76	8.23
06 15 13 00-0144 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	65.82	8.90
06 15 13 00-0145 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	64.45	8.45
06 15 13 00-0146 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	67.94	9.10
06 15 13 00-0147 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	66.99	8.65
06 15 13 00-0148 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	70.19	9.34
06 15 13 00-0149 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	68.79	8.88
<b>06 15 13 00-0150 2" x 12" Joists, Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0132)</small>		
06 15 13 00-0151 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	59.05	8.06
06 15 13 00-0152 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	57.84	7.66
06 15 13 00-0153 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	61.08	8.27
06 15 13 00-0154 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	59.85	7.86
06 15 13 00-0155 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	62.01	8.47
06 15 13 00-0156 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	60.73	8.04
06 15 13 00-0157 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	64.13	8.68
06 15 13 00-0158 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	62.84	8.24
06 15 13 00-0159 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	65.00	8.89
06 15 13 00-0160 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	63.66	8.45
06 15 13 00-0161 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	67.24	9.11
06 15 13 00-0162 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	65.88	8.66
06 15 13 00-0163 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	69.29	9.34
06 15 13 00-0164 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	67.93	8.87
06 15 13 00-0165 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	71.69	9.57
06 15 13 00-0166 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	70.32	9.09
<b>06 15 13 00-0167 Redwood With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0131)</small>		

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**06 15 13 00-0168 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System**

(06 15 13 00-0167)

06 15 13 00-0169	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	67.30	7.87
06 15 13 00-0170	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	66.34	7.47
06 15 13 00-0171	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	69.78	8.06
06 15 13 00-0172	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	68.84	7.67
06 15 13 00-0173	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	70.66	8.26
06 15 13 00-0174	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	69.66	7.85
06 15 13 00-0175	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	73.27	8.47
06 15 13 00-0176	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	72.29	8.05
06 15 13 00-0177	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	74.05	8.67
06 15 13 00-0178	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	72.99	8.23
06 15 13 00-0179	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	76.78	8.90
06 15 13 00-0180	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	75.74	8.45
06 15 13 00-0181	RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	79.29	9.10
06 15 13 00-0182	RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	78.25	8.65
06 15 13 00-0183	RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	82.25	9.34
06 15 13 00-0184	RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	81.21	8.88

**06 15 13 00-0185 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System**

(06 15 13 00-0187)

06 15 13 00-0186	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	65.68	8.06
06 15 13 00-0187	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	64.71	7.66
06 15 13 00-0188	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.98	8.27
06 15 13 00-0189	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.08	7.86
06 15 13 00-0190	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	68.97	8.47
06 15 13 00-0191	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.94	8.04
06 15 13 00-0192	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	71.38	8.68
06 15 13 00-0193	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	70.43	8.24
06 15 13 00-0194	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	72.28	8.89
06 15 13 00-0195	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	71.20	8.45
06 15 13 00-0196	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	74.82	9.11
06 15 13 00-0197	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	73.82	8.66
06 15 13 00-0198	RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	77.30	9.34
06 15 13 00-0199	RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	76.22	8.87
06 15 13 00-0200	RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	80.03	9.57
06 15 13 00-0201	RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	79.04	9.09

**06 15 13 00-0202 Cypress With Pressure Treated Joists, Wood Stair System** (06 15 13 00-0131)

**06 15 13 00-0203 2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System**

(06 15 13 00-0202)

06 15 13 00-0204	RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	64.01	7.87
06 15 13 00-0205	RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	62.95	7.47
06 15 13 00-0206	RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	66.32	8.06
06 15 13 00-0207	RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	65.26	7.67
06 15 13 00-0208	RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	67.20	8.26
06 15 13 00-0209	RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	66.10	7.85
06 15 13 00-0210	RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	69.64	8.47
06 15 13 00-0211	RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	68.53	8.05
06 15 13 00-0212	RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	70.44	8.67
06 15 13 00-0213	RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	69.27	8.23
06 15 13 00-0214	RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	72.99	8.90
06 15 13 00-0215	RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	71.81	8.45
06 15 13 00-0216	RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	75.32	9.10
06 15 13 00-0217	RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	74.15	8.65
06 15 13 00-0218	RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	78.08	9.34
06 15 13 00-0219	RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	76.88	8.88

**06 15 13 00-0220 2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System**

(06 15 13 00-0202)

06 15 13 00-0221	RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	62.70	8.06
06 15 13 00-0222	RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	61.63	7.66
06 15 13 00-0223	RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	64.85	8.27
06 15 13 00-0224	RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	63.81	7.86
06 15 13 00-0225	RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	65.84	8.47
06 15 13 00-0226	RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	64.70	8.04
06 15 13 00-0227	RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	68.09	8.68
06 15 13 00-0228	RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.00	8.24
06 15 13 00-0229	RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	69.01	8.89
06 15 13 00-0230	RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.82	8.45
06 15 13 00-0231	RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	71.38	9.11
06 15 13 00-0232	RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	70.23	8.66
06 15 13 00-0233	RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	73.70	9.34
06 15 13 00-0234	RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	72.50	8.87
06 15 13 00-0235	RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	76.25	9.57
06 15 13 00-0236	RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists .....	75.10	9.09



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 15 13 00-0237	Cedar With Pressure Treated Joists, Wood Stair System <small>(06 15 13 00-0131)</small>		
06 15 13 00-0238	2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System <small>(06 15 13 00-0237)</small>		
06 15 13 00-0239	RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	60.24	7.87
06 15 13 00-0240	RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	59.50	7.47
06 15 13 00-0241	RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	62.24	8.06
06 15 13 00-0242	RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	61.11	7.67
06 15 13 00-0243	RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	63.25	8.26
06 15 13 00-0244	RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	62.48	7.85
06 15 13 00-0245	RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	65.36	8.47
06 15 13 00-0246	RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	64.17	8.05
06 15 13 00-0247	RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	66.31	8.67
06 15 13 00-0248	RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	65.49	8.23
06 15 13 00-0249	RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	68.52	8.90
06 15 13 00-0250	RSR 4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	67.26	8.45
06 15 13 00-0251	RSR 5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	70.77	9.10
06 15 13 00-0252	RSR 5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	69.99	8.65
06 15 13 00-0253	RSR 5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	73.16	9.34
06 15 13 00-0254	RSR 5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	71.88	8.88

06 15 13 00-0255	2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System <small>(06 15 13 00-0237)</small>		
06 15 13 00-0256	RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	61.42	8.06
06 15 13 00-0257	RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	60.31	7.66
06 15 13 00-0258	RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	63.58	8.27
06 15 13 00-0259	RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	62.45	7.86
06 15 13 00-0260	RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	64.50	8.47
06 15 13 00-0261	RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	63.32	8.04
06 15 13 00-0262	RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	66.75	8.68
06 15 13 00-0263	RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	65.57	8.24
06 15 13 00-0264	RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	67.61	8.89
06 15 13 00-0265	RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	66.37	8.45
06 15 13 00-0266	RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	69.98	9.11
06 15 13 00-0267	RSR 4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	68.74	8.66
06 15 13 00-0268	RSR 5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	72.16	9.34
06 15 13 00-0269	RSR 5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	70.91	8.87
06 15 13 00-0270	RSR 5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	74.71	9.57
06 15 13 00-0271	RSR 5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	73.46	9.09

06 15 13 00-0272 Wood Deck And Ramp Systems Repairs (06 15 13)  
 Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0273 Deck Joist Or Girt (06 15 13 00-0272)  
 See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0274 Deck Boards (06 15 13 00-0272)  
 See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0275	LF 5/4" x 4" Round Edge Pressure Treated Deck Boards .....	1.10	0.37
06 15 13 00-0276	LF 5/4" x 6" Round Edge Pressure Treated Deck Boards .....	1.20	0.44
06 15 13 00-0277	LF 2" x 4" Round Edge Pressure Treated Deck Boards .....	1.17	0.44
06 15 13 00-0278	LF 2" x 6" Round Edge Pressure Treated Deck Boards .....	1.58	0.51
06 15 13 00-0279	LF 2" x 8" Round Edge Pressure Treated Deck Boards .....	2.03	0.61
06 15 13 00-0280	LF 2" x 10" Round Edge Pressure Treated Deck Boards .....	2.49	0.75
06 15 13 00-0281	LF 2" x 12" Round Edge Pressure Treated Deck Boards .....	3.09	0.88
06 15 13 00-0282	LF 2" x 4" Round Edge Cedar Deck Boards .....	1.55	0.44
06 15 13 00-0283	LF 2" x 6" Round Edge Cedar Deck Boards .....	2.08	0.51
06 15 13 00-0284	LF 2" x 4" Round Edge Redwood Deck Boards .....	1.75	0.44
06 15 13 00-0285	LF 2" x 6" Round Edge Redwood Deck Boards .....	2.38	0.51

06 15 13 00-0286 Deck Posts (06 15 13 00-0272)  
 See CSI section 06 11 16 00-0092 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0287 Deck Railing And Pickets (06 15 13 00-0272)  
 See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0288	LF 2" x 4" Pressure Treated Deck Railing .....	1.17	0.44
06 15 13 00-0289	LF 2" x 2" Pressure Treated Deck Railing Picket .....	0.88	0.34
06 15 13 00-0290	LF 2" x 4" Cedar Deck Railing .....	1.55	0.44
06 15 13 00-0291	LF 2" x 2" Cedar Deck Railing Picket .....	1.15	0.34
06 15 13 00-0292	LF 2" x 4" Redwood Deck Railing .....	1.75	0.44
06 15 13 00-0293	LF 2" x 2" Redwood Deck Railing Picket .....	1.30	0.34

06 16 Sheathing (06 10)

06 16 23 Subflooring (06 16)

06 16 23 00-0001 Board Type Subflooring (06 16 23)

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor.....		1.29	0.39
		Note: 4 Sides Laid In A Regular Pattern.			
		For Water Resistant Coating Or Treatment, Add		0.03	
		For Foil Backing, Add		0.04	
		For Tongue And Groove, Add		0.03	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor .....		1.46	0.48
		Note: 4 Sides Laid In A Diagonal Pattern.			
		For Water Resistant Coating Or Treatment, Add		0.03	
		For Foil Backing, Add		0.04	
		For Tongue And Groove, Add		0.03	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor.....		1.23	0.34
		Note: 4 sides laid in a regular pattern.			
		For Water Resistant Coating Or Treatment, Add		0.03	
		For Foil Backing, Add		0.04	
		For Tongue And Groove, Add		0.03	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor .....		1.35	0.39
		Note: 4 sides laid in a diagonal pattern.			
		For Water Resistant Coating Or Treatment, Add		0.03	
		For Foil Backing, Add		0.04	
		For Tongue And Groove, Add		0.03	
<b>06 16 33</b>		<b>Wood Board Sheathing (06 16)</b>			
06 16 33 00-0001		Plywood (06 16 33)			
06 16 33 00-0002		Roof Decking (06 16 33 00-0001)			
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking.....		1.06	0.25
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add		0.11	
		For Exterior CC Grade Plywood, Add		0.07	
		For Application To Metal Studs, Joists, Or Rafters, Add		0.11	
		For ACQ Preservative Treatment, Add		0.24	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		0.86	
		For Fire Retardant Treatment, Add		0.39	
		For >3,200 To 6,400, Deduct		-0.01	
		For >6,400 To 12,800, Deduct		-0.02	
		For >12,800, Deduct		-0.03	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking.....		1.22	0.29
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add		0.13	
		For Exterior CC Grade Plywood, Add		0.09	
		For Application To Metal Studs, Joists, Or Rafters, Add		0.13	
		For ACQ Preservative Treatment, Add		0.28	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		0.95	
		For Fire Retardant Treatment, Add		0.47	
		For >3,200 To 6,400, Deduct		-0.01	
		For >6,400 To 12,800, Deduct		-0.02	
		For >12,800, Deduct		-0.04	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking.....		1.29	0.29
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add		0.13	
		For Exterior CC Grade Plywood, Add		0.09	
		For Application To Metal Studs, Joists, Or Rafters, Add		0.13	
		For ACQ Preservative Treatment, Add		0.30	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		1.01	
		For Fire Retardant Treatment, Add		0.49	
		For >3,200 To 6,400, Deduct		-0.01	
		For >6,400 To 12,800, Deduct		-0.02	
		For >12,800, Deduct		-0.04	
		For Tongue And Groove, Add		0.04	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking.....		1.45	0.34
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add		0.15	
		For Exterior CC Grade Plywood, Add		0.11	
		For Application To Metal Studs, Joists, Or Rafters, Add		0.15	
		For ACQ Preservative Treatment, Add		0.35	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		1.10	
		For Fire Retardant Treatment, Add		0.57	
		For >3,200 To 6,400, Deduct		-0.01	
		For >6,400 To 12,800, Deduct		-0.03	
		For >12,800, Deduct		-0.04	
		For Tongue And Groove, Add		0.05	
06 16 33 00-0007		Wall Sheathing (06 16 33 00-0001)			
06 16 33 00-0008	SF	1/4" Interior BC Plywood Wall Sheathing.....		1.21	0.34
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add		0.15	
		For Exterior CC Grade Plywood, Add		0.07	
		For Application To Metal Studs, Joists, Or Rafters, Add		0.15	
		For Ceiling Installation, Add		0.07	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add		1.10	
		For Fire Retardant Treatment, Add		0.38	
		For >3,200 To 6,400, Deduct		-0.01	
		For >6,400 To 12,800, Deduct		-0.02	
		For >12,800, Deduct		-0.03	



<b>Wood, Plastics, and Composites</b>			<b>06</b>
Rough Carpentry			06 10
Sheathing			06 16

06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0009 SF 5/16" Interior BC Plywood Wall Sheathing.....	1.24	0.34
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.15	
<i>For Exterior CC Grade Plywood, Add</i>	0.08	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.15	
<i>For Ceiling Installation, Add</i>	0.07	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	1.10	
<i>For Fire Retardant Treatment, Add</i>	0.40	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
<i>For &gt;12,800, Deduct</i>	-0.03	
06 16 33 00-0010 SF 3/8" Interior BC Plywood Wall Sheathing.....	1.28	0.39
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.15	
<i>For Exterior CC Grade Plywood, Add</i>	0.08	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.15	
<i>For Ceiling Installation, Add</i>	0.07	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	1.10	
<i>For Fire Retardant Treatment, Add</i>	0.43	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
<i>For &gt;12,800, Deduct</i>	-0.03	
06 16 33 00-0011 SF 1/2" Interior BC Plywood Wall Sheathing.....	1.46	0.39
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.15	
<i>For Exterior CC Grade Plywood, Add</i>	0.10	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.15	
<i>For Ceiling Installation, Add</i>	0.08	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	1.16	
<i>For Fire Retardant Treatment, Add</i>	0.55	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.03	
<i>For &gt;12,800, Deduct</i>	-0.04	
06 16 33 00-0012 SF 5/8" Interior BC Plywood Wall Sheathing.....	1.54	0.44
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.17	
<i>For Exterior CC Grade Plywood, Add</i>	0.11	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.17	
<i>For Ceiling Installation, Add</i>	0.08	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	1.25	
<i>For Fire Retardant Treatment, Add</i>	0.56	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.03	
<i>For &gt;12,800, Deduct</i>	-0.04	
06 16 33 00-0013 SF 3/4" Interior BC Plywood Wall Sheathing.....	1.70	0.48
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.18	
<i>For Exterior CC Grade Plywood, Add</i>	0.12	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.18	
<i>For Ceiling Installation, Add</i>	0.09	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	1.34	
<i>For Fire Retardant Treatment, Add</i>	0.64	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.02	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.03	
<i>For &gt;12,800, Deduct</i>	-0.05	
<b>06 16 33 00-0014 Floor Decking</b> <small>(06 16 33 00-0001)</small>		
Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0015 SF 5/16" CD Grade Plywood Floor Decking.....	0.85	0.29
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	0.81	
<i>For Fire Retardant Treatment, Add</i>	0.24	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
<i>For &gt;12,800, Deduct</i>	-0.02	
<i>For ACQ Preservative Treatment, Add</i>	0.15	
<i>For Fir Plywood, Add</i>	0.06	
<i>For BC Grade Plywood, Add</i>	0.05	
<i>For Exterior Glue, Add</i>	0.03	
<i>For Marine Grade, Add</i>	0.24	
06 16 33 00-0016 SF 3/8" CD Grade Plywood Floor Decking.....	0.91	0.29
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	0.86	
<i>For Fire Retardant Treatment, Add</i>	0.27	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
<i>For &gt;12,800, Deduct</i>	-0.02	
<i>For ACQ Preservative Treatment, Add</i>	0.16	
<i>For Fir Plywood, Add</i>	0.06	
<i>For BC Grade Plywood, Add</i>	0.05	
<i>For Exterior Glue, Add</i>	0.03	
<i>For Marine Grade, Add</i>	0.27	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0017	SF	1/2" CD Grade Plywood Floor Decking.....	1.05		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	0.90		
		For Fire Retardant Treatment, Add	0.36		
		For >3,200 To 6,400, Deduct	-0.01		
		For >6,400 To 12,800, Deduct	-0.02		
		For >12,800, Deduct	-0.03		
		For ACQ Preservative Treatment, Add	0.22		
		For Fir Plywood, Add	0.08		
		For BC Grade Plywood, Add	0.07		
		For Exterior Glue, Add	0.04		
		For Marine Grade, Add	0.35		
06 16 33 00-0018	SF	5/8" CD Grade Plywood Floor Decking.....	1.20		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	0.99		
		For Fire Retardant Treatment, Add	0.43		
		For >3,200 To 6,400, Deduct	-0.01		
		For >6,400 To 12,800, Deduct	-0.02		
		For >12,800, Deduct	-0.03		
		For ACQ Preservative Treatment, Add	0.26		
		For Fir Plywood, Add	0.10		
		For BC Grade Plywood, Add	0.08		
		For Exterior Glue, Add	0.05		
		For Marine Grade, Add	0.42		
06 16 33 00-0019	SF	3/4" CD Grade Plywood Floor Decking.....	1.39		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.05		
		For Fire Retardant Treatment, Add	0.55		
		For >3,200 To 6,400, Deduct	-0.01		
		For >6,400 To 12,800, Deduct	-0.03		
		For >12,800, Deduct	-0.04		
		For ACQ Preservative Treatment, Add	0.33		
		For Fir Plywood, Add	0.13		
		For BC Grade Plywood, Add	0.10		
		For Exterior Glue, Add	0.06		
		For Marine Grade, Add	0.54		
06 16 33 00-0020	SF	1-1/8" CD Grade Plywood Floor Decking.....	2.13		0.44
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.25		
		For Fire Retardant Treatment, Add	1.03		
		For >3,200 To 6,400, Deduct	-0.03		
		For >6,400 To 12,800, Deduct	-0.05		
		For >12,800, Deduct	-0.08		
		For ACQ Preservative Treatment, Add	0.62		
		For Fir Plywood, Add	0.24		
		For BC Grade Plywood, Add	0.19		
		For Exterior Glue, Add	0.12		
		For Marine Grade, Add	1.02		
06 16 33 00-0021	SF	1/2" AC Fir Plywood Floor Decking.....	1.32		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	0.90		
		For Fire Retardant Treatment, Add	0.57		
		For >3,200 To 6,400, Deduct	-0.01		
		For >6,400 To 12,800, Deduct	-0.03		
		For >12,800, Deduct	-0.04		
		For ACQ Preservative Treatment, Add	0.35		
		For Exterior Glue, Add	0.07		
		For Marine Grade, Add	0.56		
		For Tongue And Groove, Add	0.05		
06 16 33 00-0022	SF	5/8" AC Fir Plywood Floor Decking.....	1.50		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	0.99		
		For Fire Retardant Treatment, Add	0.66		
		For >3,200 To 6,400, Deduct	-0.02		
		For >6,400 To 12,800, Deduct	-0.03		
		For >12,800, Deduct	-0.05		
		For ACQ Preservative Treatment, Add	0.40		
		For Exterior Glue, Add	0.08		
		For Marine Grade, Add	0.66		
		For Tongue And Groove, Add	0.06		
06 16 33 00-0023	SF	3/4" AC Fir Plywood Floor Decking.....	1.61		0.29
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.05		
		For Fire Retardant Treatment, Add	0.72		
		For >3,200 To 6,400, Deduct	-0.02		
		For >6,400 To 12,800, Deduct	-0.04		
		For >12,800, Deduct	-0.05		
		For ACQ Preservative Treatment, Add	0.44		
		For Exterior Glue, Add	0.08		
		For Marine Grade, Add	0.71		
		For Tongue And Groove, Add	0.06		

06 16 33 00-0024 Underlayment Grade Subfloor (06 16 33 00-0001)

Note: Includes patching of seams and all fastener holes where necessary.





<b>Wood, Plastics, and Composites</b>			<b>06</b>
Rough Carpentry			06 10
Sheathing			06 16

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0025	SF		1/4" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	0.92 0.28 -0.01 -0.01 -0.02	0.29
06 16 33 00-0026	SF		3/8" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	0.98 0.32 -0.01 -0.02 -0.02	0.29
06 16 33 00-0027	SF		1/2" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	1.03 0.34 -0.01 -0.02 -0.03	0.34
06 16 33 00-0028	SF		5/8" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	1.18 0.40 -0.01 -0.02 -0.03 0.04	0.34
06 16 33 00-0029	SF		3/4" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	1.29 0.49 -0.01 -0.02 -0.04 0.04	0.34
06 16 33 00-0030	SF		1-1/8" Thick Plywood Underlayment BC Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	1.69 0.74 -0.02 -0.04 -0.06 0.07	0.39
06 16 33 00-0031	SF		3/8" Thick Plywood CDX Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	1.07 0.39 -0.01 -0.02 -0.03	0.29
06 16 33 00-0032	SF		5/8" Thick Plywood CDX Grade Subfloor ..... <i>For Fire Retardant Treatment, Add</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	1.40 0.58 -0.01 -0.03 -0.04	0.34
<b>06 16 33 00-0033</b>			<b>Oriented Strand Board</b> <small>(06 16 33)</small>		
<b>06 16 33 00-0034</b>			<b>On Roof</b> <small>(06 16 33 00-0033)</small>		
06 16 33 00-0035	SF		3/8" Thick Structural Oriented Strand Board On Roof ..... <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	0.80 0.00 -0.01 -0.01 0.18 0.86	0.29
06 16 33 00-0036	SF		1/2" Thick Structural Oriented Strand Board On Roof ..... <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	0.90 -0.01 -0.01 -0.02 0.21 0.95	0.29
06 16 33 00-0037	SF		5/8" Thick Structural Oriented Strand Board On Roof ..... <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.05 -0.01 -0.02 -0.02 0.30 1.01	0.34
06 16 33 00-0038	SF		3/4" Thick Structural Oriented Strand Board On Roof ..... <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.24 -0.01 -0.02 -0.03 0.40 1.10	0.34
<b>06 16 33 00-0039</b>			<b>On Walls</b> <small>(06 16 33 00-0033)</small>		
06 16 33 00-0040	SF		3/8" Thick Structural Oriented Strand Board On Walls ..... <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Fire Retardant Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	0.96 0.00 -0.01 -0.01 0.18 1.10	0.34

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 16 33 00-0041	SF 1/2" Thick Structural Oriented Strand Board On Walls .....	1.04	0.39
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Fire Retardant Treatment, Add</i>	0.21	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.16	
06 16 33 00-0042	SF 5/8" Thick Structural Oriented Strand Board On Walls .....	1.21	0.44
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Fire Retardant Treatment, Add</i>	0.30	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.25	
06 16 33 00-0043	SF 3/4" Thick Structural Oriented Strand Board On Walls .....	1.40	0.44
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.03	
	<i>For Fire Retardant Treatment, Add</i>	0.40	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.34	
<b>06 16 33 00-0044</b>	<b>On Floors</b> <small>(06 16 33 00-0033)</small>		
	Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0045	SF 3/8" Thick Structural Oriented Strand Board On Floors .....	0.81	0.29
	<i>For &gt;3,200 To 6,400, Deduct</i>	0.00	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
	<i>For &gt;12,800, Deduct</i>	-0.01	
	<i>For Fire Retardant Treatment, Add</i>	0.18	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	0.87	
06 16 33 00-0046	SF 1/2" Thick Structural Oriented Strand Board On Floors .....	0.97	0.34
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Fire Retardant Treatment, Add</i>	0.21	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.05	
06 16 33 00-0047	SF 5/8" Thick Structural Oriented Strand Board On Floors .....	1.14	0.39
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Fire Retardant Treatment, Add</i>	0.30	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.14	
06 16 33 00-0048	SF 3/4" Thick Structural Oriented Strand Board On Floors .....	1.34	0.44
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.03	
	<i>For Fire Retardant Treatment, Add</i>	0.40	
	<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.25	
<b>06 16 33 00-0049</b>	<b>Particle Board</b> <small>(06 16 33)</small>		
<b>06 16 33 00-0050</b>	<b>Particle Board Floor Decking</b> <small>(06 16 33 00-0049)</small>		
	Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0051	SF 3/8" Particle Board Floor Decking .....	0.78	0.25
	Note: Applied to plywood subfloor.		
	<i>For Fire Retardant Treatment Add</i>	0.17	
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Tongue And Groove, Add</i>	0.01	
06 16 33 00-0052	SF 1/2" Particle Board Floor Decking .....	0.88	0.25
	Note: Applied to plywood subfloor.		
	<i>For Fire Retardant Treatment Add</i>	0.22	
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.01	
	<i>For &gt;12,800, Deduct</i>	-0.02	
	<i>For Tongue And Groove, Add</i>	0.02	
06 16 33 00-0053	SF 5/8" Particle Board Floor Decking .....	0.99	0.29
	Note: Applied to plywood subfloor.		
	<i>For Fire Retardant Treatment Add</i>	0.28	
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.03	
	<i>For Tongue And Groove, Add</i>	0.02	
06 16 33 00-0054	SF 3/4" Particle Board Floor Decking .....	1.09	0.29
	Note: Applied to plywood subfloor.		
	<i>For Fire Retardant Treatment Add</i>	0.32	
	<i>For &gt;3,200 To 6,400, Deduct</i>	-0.01	
	<i>For &gt;6,400 To 12,800, Deduct</i>	-0.02	
	<i>For &gt;12,800, Deduct</i>	-0.03	
	<i>For Tongue And Groove, Add</i>	0.03	
<b>06 16 43</b>	<b>Gypsum Sheathing</b> <small>(06 16)</small>		
06 16 43 00-0001	Exterior Gypsum Sheathing <small>(06 16 43)</small>		
	Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		



<b>Wood, Plastics, and Composites</b>			<b>06</b>
Rough Carpentry			06 10
Sheathing			06 16

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 43 00-0002	SF		1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	1.74	0.39
			<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	1.16	
			<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.15	
			<i>For Ceiling Installation, Add</i>	0.08	
			<i>For &gt;3,200 To 6,400, Deduct</i>	-0.02	
			<i>For &gt;6,400 To 12,800, Deduct</i>	-0.04	
			<i>For &gt;12,800, Deduct</i>	-0.06	
06 16 43 00-0003	SF		5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	1.88	0.48
			<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	1.25	
			<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.17	
			<i>For Ceiling Installation, Add</i>	0.08	
			<i>For &gt;3,200 To 6,400, Deduct</i>	-0.02	
			<i>For &gt;6,400 To 12,800, Deduct</i>	-0.04	
			<i>For &gt;12,800, Deduct</i>	-0.06	
<b>06 17 Shop-Fabricated Structural Wood (06 10)</b>					
<b>06 17 13 Laminated Veneer Lumber (06 17)</b>					
06 17 13 00-0001			Laminated Veneer Lumber (LVL) (06 17 13)		
06 17 13 00-0002	LF		1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL) .....	4.57	0.84
06 17 13 00-0003	LF		1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL) .....	5.11	0.85
06 17 13 00-0004	LF		1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL) .....	5.74	0.86
06 17 13 00-0005	LF		1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL) .....	6.53	0.88
06 17 13 00-0006	LF		1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL).....	7.13	0.89
06 17 13 00-0007	LF		1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL).....	7.96	0.92
06 17 13 00-0008	LF		1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL).....	9.18	0.94
06 17 13 00-0009	LF		1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL).....	12.88	1.07
<b>06 17 23 Parallel Strand Lumber (06 17)</b>					
06 17 23 00-0001			Laminated Strand Lumber (LSL) (06 17 23)		
06 17 23 00-0002	LF		2" x 4" Laminated Strand Lumber (LSL) .....	1.59	0.39
06 17 23 00-0003	LF		2" x 6" Laminated Strand Lumber (LSL) .....	2.28	0.41
<b>06 17 33 Wood I-Joists (06 17)</b>					
06 17 33 00-0001			Prefabricated Wood I-Joists (06 17 33)		
06 17 33 00-0002	LF		9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	2.89	0.60
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.26	
			<i>For I-Joists &gt;40' In Length, Add</i>	0.64	
06 17 33 00-0003	LF		11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	3.09	0.66
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.29	
			<i>For I-Joists &gt;40' In Length, Add</i>	0.71	
06 17 33 00-0004	LF		14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	3.65	0.74
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.33	
			<i>For I-Joists &gt;40' In Length, Add</i>	0.80	
06 17 33 00-0005	LF		16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	4.13	0.83
			<i>For I-Joists 30' To 40' In Length, Add</i>	0.36	
			<i>For I-Joists &gt;40' In Length, Add</i>	0.89	
<b>06 17 43 Rim Boards (06 17)</b>					
06 17 43 00-0001			Oriented Strand Board (OSB) Rim Board (06 17 43)		
06 17 43 00-0002	LF		1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board.....	3.44	0.86
06 17 43 00-0003	LF		1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board .....	3.85	0.88
06 17 43 00-0004	LF		1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board.....	4.35	0.89
<b>06 17 53 Shop-Fabricated Wood Trusses (06 17)</b>					
06 17 53 00-0001			Pre-Assembled Wood Roof Trusses (06 17 53)		
			Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0002	EA		10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	100.69	34.62
			<i>For Up To 15, Add</i>	2.36	
			<i>For &gt;35, Deduct</i>	-1.57	
			<i>For 3 In 12 Slope, Add</i>	0.94	
			<i>For 5 In 12 Slope, Add</i>	2.52	
			<i>For 6 In 12 Slope, Add</i>	4.72	
			<i>For 7 In 12 Slope, Add</i>	6.29	
			<i>For 8 In 12 Slope, Add</i>	7.55	
06 17 53 00-0003	EA		12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	112.57	37.92
			<i>For Up To 15, Add</i>	2.76	
			<i>For &gt;35, Deduct</i>	-1.84	
			<i>For 3 In 12 Slope, Add</i>	1.10	
			<i>For 5 In 12 Slope, Add</i>	2.94	
			<i>For 6 In 12 Slope, Add</i>	5.51	
			<i>For 7 In 12 Slope, Add</i>	7.35	
			<i>For 8 In 12 Slope, Add</i>	8.82	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0004	EA	14'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	126.64	41.22
			For Up To 15, Add	3.32	
			For >35, Deduct	-2.21	
			For 3 In 12 Slope, Add	1.33	
			For 5 In 12 Slope, Add	3.54	
			For 6 In 12 Slope, Add	6.63	
			For 7 In 12 Slope, Add	8.84	
			For 8 In 12 Slope, Add	10.61	
06 17 53 00-0005	EA	16'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	146.47	44.51
			For Up To 15, Add	4.31	
			For >35, Deduct	-2.87	
			For 3 In 12 Slope, Add	1.72	
			For 5 In 12 Slope, Add	4.60	
			For 6 In 12 Slope, Add	8.62	
			For 7 In 12 Slope, Add	11.49	
			For 8 In 12 Slope, Add	13.79	
06 17 53 00-0006	EA	18'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	162.99	47.81
			For Up To 15, Add	5.05	
			For >35, Deduct	-3.37	
			For 3 In 12 Slope, Add	2.02	
			For 5 In 12 Slope, Add	5.39	
			For 6 In 12 Slope, Add	10.11	
			For 7 In 12 Slope, Add	13.47	
			For 8 In 12 Slope, Add	16.17	
06 17 53 00-0007	EA	20'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	168.42	52.75
			For Up To 15, Add	4.72	
			For >35, Deduct	-3.15	
			For 3 In 12 Slope, Add	1.89	
			For 5 In 12 Slope, Add	5.03	
			For 6 In 12 Slope, Add	9.44	
			For 7 In 12 Slope, Add	12.58	
			For 8 In 12 Slope, Add	15.10	
06 17 53 00-0008	EA	22'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	176.84	84.08
			For Up To 15, Add	4.86	
			For >35, Deduct	-3.24	
			For 3 In 12 Slope, Add	1.94	
			For 5 In 12 Slope, Add	5.18	
			For 6 In 12 Slope, Add	9.71	
			For 7 In 12 Slope, Add	12.95	
			For 8 In 12 Slope, Add	15.54	
06 17 53 00-0009	EA	24'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	188.92	59.35
			For Up To 15, Add	5.27	
			For >35, Deduct	-3.51	
			For 3 In 12 Slope, Add	2.11	
			For 5 In 12 Slope, Add	5.62	
			For 6 In 12 Slope, Add	10.53	
			For 7 In 12 Slope, Add	14.05	
			For 8 In 12 Slope, Add	16.86	
06 17 53 00-0010	EA	26'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	201.59	93.97
			For Up To 15, Add	5.72	
			For >35, Deduct	-3.82	
			For 3 In 12 Slope, Add	2.29	
			For 5 In 12 Slope, Add	6.10	
			For 6 In 12 Slope, Add	11.45	
			For 7 In 12 Slope, Add	15.26	
			For 8 In 12 Slope, Add	18.31	
06 17 53 00-0011	EA	28'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	215.07	65.94
			For Up To 15, Add	6.24	
			For >35, Deduct	-4.16	
			For 3 In 12 Slope, Add	2.50	
			For 5 In 12 Slope, Add	6.66	
			For 6 In 12 Slope, Add	12.48	
			For 7 In 12 Slope, Add	16.64	
			For 8 In 12 Slope, Add	19.97	
06 17 53 00-0012	EA	30'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	224.31	103.86
			For Up To 15, Add	6.44	
			For >35, Deduct	-4.29	
			For 3 In 12 Slope, Add	2.57	
			For 5 In 12 Slope, Add	6.87	
			For 6 In 12 Slope, Add	12.87	
			For 7 In 12 Slope, Add	17.17	
			For 8 In 12 Slope, Add	20.60	
06 17 53 00-0013	EA	32'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	236.19	70.88
			For Up To 15, Add	7.08	
			For >35, Deduct	-4.72	
			For 3 In 12 Slope, Add	2.83	
			For 5 In 12 Slope, Add	7.55	
			For 6 In 12 Slope, Add	14.16	
			For 7 In 12 Slope, Add	18.88	
			For 8 In 12 Slope, Add	22.66	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Rough Carpentry	06 10	
Shop-Fabricated Structural Wood	06 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	261.57	111.31
			For Up To 15, Add	8.49	
			For >35, Deduct	-5.66	
			For 3 In 12 Slope, Add	3.40	
			For 5 In 12 Slope, Add	9.06	
			For 6 In 12 Slope, Add	16.98	
			For 7 In 12 Slope, Add	22.64	
			For 8 In 12 Slope, Add	27.17	
06 17 53 00-0015	EA		36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	273.77	75.83
			For Up To 15, Add	9.16	
			For >35, Deduct	-6.11	
			For 3 In 12 Slope, Add	3.66	
			For 5 In 12 Slope, Add	9.77	
			For 6 In 12 Slope, Add	18.32	
			For 7 In 12 Slope, Add	24.42	
			For 8 In 12 Slope, Add	29.31	
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	288.71	118.69
			For Up To 15, Add	9.78	
			For >35, Deduct	-6.52	
			For 3 In 12 Slope, Add	3.91	
			For 5 In 12 Slope, Add	10.44	
			For 6 In 12 Slope, Add	19.57	
			For 7 In 12 Slope, Add	26.09	
			For 8 In 12 Slope, Add	31.31	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	298.09	82.43
			For Up To 15, Add	9.99	
			For >35, Deduct	-6.66	
			For 3 In 12 Slope, Add	4.00	
			For 5 In 12 Slope, Add	10.66	
			For 6 In 12 Slope, Add	19.99	
			For 7 In 12 Slope, Add	26.65	
			For 8 In 12 Slope, Add	31.98	
06 17 53 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	332.85	128.58
			For Up To 15, Add	12.11	
			For >35, Deduct	-8.07	
			For 3 In 12 Slope, Add	4.84	
			For 5 In 12 Slope, Add	12.91	
			For 6 In 12 Slope, Add	24.21	
			For 7 In 12 Slope, Add	32.28	
			For 8 In 12 Slope, Add	38.74	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	366.86	89.02
			For Up To 15, Add	14.16	
			For >35, Deduct	-9.44	
			For 3 In 12 Slope, Add	5.66	
			For 5 In 12 Slope, Add	15.11	
			For 6 In 12 Slope, Add	28.32	
			For 7 In 12 Slope, Add	37.76	
			For 8 In 12 Slope, Add	45.32	
06 17 53 00-0020	EA		46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	379.54	92.32
			For Up To 15, Add	14.62	
			For >35, Deduct	-9.75	
			For 3 In 12 Slope, Add	5.85	
			For 5 In 12 Slope, Add	15.59	
			For 6 In 12 Slope, Add	29.24	
			For 7 In 12 Slope, Add	38.98	
			For 8 In 12 Slope, Add	46.78	
06 17 53 00-0021	EA		48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	399.58	95.62
			For Up To 15, Add	15.63	
			For >35, Deduct	-10.42	
			For 3 In 12 Slope, Add	6.25	
			For 5 In 12 Slope, Add	16.67	
			For 6 In 12 Slope, Add	31.25	
			For 7 In 12 Slope, Add	41.67	
			For 8 In 12 Slope, Add	50.00	
06 17 53 00-0022	EA		50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	464.51	98.91
			For Up To 15, Add	20.00	
			For >35, Deduct	-13.33	
			For 3 In 12 Slope, Add	8.00	
			For 5 In 12 Slope, Add	21.34	
			For 6 In 12 Slope, Add	40.00	
			For 7 In 12 Slope, Add	53.34	
			For 8 In 12 Slope, Add	64.01	
06 17 53 00-0023	EA		52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	436.35	88.95
			For Up To 15, Add	17.89	
			For >35, Deduct	-11.93	
			For 3 In 12 Slope, Add	7.16	
			For 5 In 12 Slope, Add	19.08	
			For 6 In 12 Slope, Add	35.78	
			For 7 In 12 Slope, Add	47.71	
			For 8 In 12 Slope, Add	57.25	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	457.76	103.86
			<i>For Up To 15, Add</i>	18.75	
			<i>For &gt;35, Deduct</i>	-12.50	
			<i>For 3 In 12 Slope, Add</i>	7.50	
			<i>For 5 In 12 Slope, Add</i>	20.00	
			<i>For 6 In 12 Slope, Add</i>	37.51	
			<i>For 7 In 12 Slope, Add</i>	50.01	
			<i>For 8 In 12 Slope, Add</i>	60.01	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	476.65	96.28
			<i>For Up To 15, Add</i>	19.68	
			<i>For &gt;35, Deduct</i>	-13.12	
			<i>For 3 In 12 Slope, Add</i>	7.87	
			<i>For 5 In 12 Slope, Add</i>	20.99	
			<i>For 6 In 12 Slope, Add</i>	39.35	
			<i>For 7 In 12 Slope, Add</i>	52.47	
			<i>For 8 In 12 Slope, Add</i>	62.96	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	494.51	108.80
			<i>For Up To 15, Add</i>	20.77	
			<i>For &gt;35, Deduct</i>	-13.85	
			<i>For 3 In 12 Slope, Add</i>	8.31	
			<i>For 5 In 12 Slope, Add</i>	22.15	
			<i>For 6 In 12 Slope, Add</i>	41.54	
			<i>For 7 In 12 Slope, Add</i>	55.38	
			<i>For 8 In 12 Slope, Add</i>	66.46	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	505.31	110.45
			<i>For Up To 15, Add</i>	21.33	
			<i>For &gt;35, Deduct</i>	-14.22	
			<i>For 3 In 12 Slope, Add</i>	8.53	
			<i>For 5 In 12 Slope, Add</i>	22.75	
			<i>For 6 In 12 Slope, Add</i>	42.66	
			<i>For 7 In 12 Slope, Add</i>	56.88	
			<i>For 8 In 12 Slope, Add</i>	68.26	
<b>06 17 53 00-0028</b>			<b>Pre-Assembled Wood Gable End Roof Trusses</b> <small>(06 17 53)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	104.68	34.62
			<i>For 3 In 12 Slope, Add</i>	1.06	
			<i>For 5 In 12 Slope, Add</i>	2.84	
			<i>For 6 In 12 Slope, Add</i>	5.32	
			<i>For 7 In 12 Slope, Add</i>	7.09	
			<i>For 8 In 12 Slope, Add</i>	8.51	
			<i>For 16" On Center Gable Studs, Add</i>	7.09	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	117.24	37.92
			<i>For 3 In 12 Slope, Add</i>	1.24	
			<i>For 5 In 12 Slope, Add</i>	3.31	
			<i>For 6 In 12 Slope, Add</i>	6.21	
			<i>For 7 In 12 Slope, Add</i>	8.28	
			<i>For 8 In 12 Slope, Add</i>	9.94	
			<i>For 16" On Center Gable Studs, Add</i>	8.28	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	132.26	41.22
			<i>For 3 In 12 Slope, Add</i>	1.49	
			<i>For 5 In 12 Slope, Add</i>	3.99	
			<i>For 6 In 12 Slope, Add</i>	7.47	
			<i>For 7 In 12 Slope, Add</i>	9.97	
			<i>For 8 In 12 Slope, Add</i>	11.96	
			<i>For 16" On Center Gable Studs, Add</i>	9.97	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	153.77	44.51
			<i>For 3 In 12 Slope, Add</i>	1.94	
			<i>For 5 In 12 Slope, Add</i>	5.18	
			<i>For 6 In 12 Slope, Add</i>	9.71	
			<i>For 7 In 12 Slope, Add</i>	12.95	
			<i>For 8 In 12 Slope, Add</i>	15.54	
			<i>For 16" On Center Gable Studs, Add</i>	12.95	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	171.56	47.81
			<i>For 3 In 12 Slope, Add</i>	2.28	
			<i>For 5 In 12 Slope, Add</i>	6.08	
			<i>For 6 In 12 Slope, Add</i>	11.39	
			<i>For 7 In 12 Slope, Add</i>	15.19	
			<i>For 8 In 12 Slope, Add</i>	18.23	
			<i>For 16" On Center Gable Studs, Add</i>	15.19	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	185.41	52.75
			<i>For 3 In 12 Slope, Add</i>	2.40	
			<i>For 5 In 12 Slope, Add</i>	6.39	
			<i>For 6 In 12 Slope, Add</i>	11.99	
			<i>For 7 In 12 Slope, Add</i>	15.98	
			<i>For 8 In 12 Slope, Add</i>	19.18	
			<i>For 16" On Center Gable Studs, Add</i>	15.98	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	194.33	56.05
			<i>For 3 In 12 Slope, Add</i>	2.47	
			<i>For 5 In 12 Slope, Add</i>	6.58	
			<i>For 6 In 12 Slope, Add</i>	12.33	
			<i>For 7 In 12 Slope, Add</i>	16.45	
			<i>For 8 In 12 Slope, Add</i>	19.74	
			<i>For 16" On Center Gable Studs, Add</i>	16.45	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Rough Carpentry	06 10	
Shop-Fabricated Structural Wood	06 17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0036 EA 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	207.89	59.35
For 3 In 12 Slope, Add	2.68	
For 5 In 12 Slope, Add	7.14	
For 6 In 12 Slope, Add	13.38	
For 7 In 12 Slope, Add	17.84	
For 8 In 12 Slope, Add	21.41	
For 16" On Center Gable Studs, Add	17.84	
06 17 53 00-0037 EA 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	222.20	62.64
For 3 In 12 Slope, Add	2.91	
For 5 In 12 Slope, Add	7.75	
For 6 In 12 Slope, Add	14.54	
For 7 In 12 Slope, Add	19.38	
For 8 In 12 Slope, Add	23.26	
For 16" On Center Gable Studs, Add	19.38	
06 17 53 00-0038 EA 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	237.55	65.94
For 3 In 12 Slope, Add	3.17	
For 5 In 12 Slope, Add	8.45	
For 6 In 12 Slope, Add	15.85	
For 7 In 12 Slope, Add	21.13	
For 8 In 12 Slope, Add	25.36	
For 16" On Center Gable Studs, Add	21.13	
06 17 53 00-0039 EA 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	248.42	69.23
For 3 In 12 Slope, Add	3.30	
For 5 In 12 Slope, Add	8.80	
For 6 In 12 Slope, Add	16.49	
For 7 In 12 Slope, Add	21.99	
For 8 In 12 Slope, Add	26.39	
For 16" On Center Gable Studs, Add	21.99	
06 17 53 00-0040 EA 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	262.72	70.88
For 3 In 12 Slope, Add	3.63	
For 5 In 12 Slope, Add	9.68	
For 6 In 12 Slope, Add	18.14	
For 7 In 12 Slope, Add	24.19	
For 8 In 12 Slope, Add	29.03	
For 16" On Center Gable Studs, Add	24.19	
06 17 53 00-0041 EA 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	293.37	74.18
For 3 In 12 Slope, Add	4.35	
For 5 In 12 Slope, Add	11.60	
For 6 In 12 Slope, Add	21.75	
For 7 In 12 Slope, Add	29.00	
For 8 In 12 Slope, Add	34.80	
For 16" On Center Gable Studs, Add	29.00	
06 17 53 00-0042 EA 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	308.09	75.83
For 3 In 12 Slope, Add	4.69	
For 5 In 12 Slope, Add	12.51	
For 6 In 12 Slope, Add	23.46	
For 7 In 12 Slope, Add	31.29	
For 8 In 12 Slope, Add	37.54	
For 16" On Center Gable Studs, Add	31.29	
06 17 53 00-0043 EA 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	325.36	79.12
For 3 In 12 Slope, Add	5.01	
For 5 In 12 Slope, Add	13.37	
For 6 In 12 Slope, Add	25.07	
For 7 In 12 Slope, Add	33.42	
For 8 In 12 Slope, Add	40.10	
For 16" On Center Gable Studs, Add	33.42	
06 17 53 00-0044 EA 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	346.29	82.43
For 3 In 12 Slope, Add	5.44	
For 5 In 12 Slope, Add	14.52	
For 6 In 12 Slope, Add	27.22	
For 7 In 12 Slope, Add	36.29	
For 8 In 12 Slope, Add	43.55	
For 16" On Center Gable Studs, Add	36.29	
06 17 53 00-0045 EA 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	391.24	85.73
For 3 In 12 Slope, Add	6.59	
For 5 In 12 Slope, Add	17.58	
For 6 In 12 Slope, Add	32.97	
For 7 In 12 Slope, Add	43.96	
For 8 In 12 Slope, Add	52.75	
For 16" On Center Gable Studs, Add	43.96	
06 17 53 00-0046 EA 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	435.17	89.02
For 3 In 12 Slope, Add	7.71	
For 5 In 12 Slope, Add	20.57	
For 6 In 12 Slope, Add	38.57	
For 7 In 12 Slope, Add	51.43	
For 8 In 12 Slope, Add	61.71	
For 16" On Center Gable Studs, Add	51.43	
06 17 53 00-0047 EA 46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope .....	450.04	92.32
For 3 In 12 Slope, Add	7.96	
For 5 In 12 Slope, Add	21.23	
For 6 In 12 Slope, Add	39.81	
For 7 In 12 Slope, Add	53.08	
For 8 In 12 Slope, Add	63.70	
For 16" On Center Gable Studs, Add	53.08	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0048	EA		48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	474.93	95.62
			<i>For 3 In 12 Slope, Add</i>	8.51	
			<i>For 5 In 12 Slope, Add</i>	22.70	
			<i>For 6 In 12 Slope, Add</i>	42.56	
			<i>For 7 In 12 Slope, Add</i>	56.74	
			<i>For 8 In 12 Slope, Add</i>	68.09	
			<i>For 16" On Center Gable Studs, Add</i>	56.74	
06 17 53 00-0049	EA		50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	523.36	98.91
			<i>For 3 In 12 Slope, Add</i>	9.77	
			<i>For 5 In 12 Slope, Add</i>	26.04	
			<i>For 6 In 12 Slope, Add</i>	48.83	
			<i>For 7 In 12 Slope, Add</i>	65.11	
			<i>For 8 In 12 Slope, Add</i>	78.13	
			<i>For 16" On Center Gable Studs, Add</i>	65.11	
06 17 53 00-0050	EA		52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	534.30	102.21
			<i>For 3 In 12 Slope, Add</i>	9.90	
			<i>For 5 In 12 Slope, Add</i>	26.39	
			<i>For 6 In 12 Slope, Add</i>	49.48	
			<i>For 7 In 12 Slope, Add</i>	65.98	
			<i>For 8 In 12 Slope, Add</i>	79.17	
			<i>For 16" On Center Gable Studs, Add</i>	65.98	
06 17 53 00-0051	EA		54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	553.53	103.86
			<i>For 3 In 12 Slope, Add</i>	10.37	
			<i>For 5 In 12 Slope, Add</i>	27.67	
			<i>For 6 In 12 Slope, Add</i>	51.87	
			<i>For 7 In 12 Slope, Add</i>	69.16	
			<i>For 8 In 12 Slope, Add</i>	83.00	
			<i>For 16" On Center Gable Studs, Add</i>	69.16	
06 17 53 00-0052	EA		56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	577.12	107.15
			<i>For 3 In 12 Slope, Add</i>	10.88	
			<i>For 5 In 12 Slope, Add</i>	29.02	
			<i>For 6 In 12 Slope, Add</i>	54.42	
			<i>For 7 In 12 Slope, Add</i>	72.56	
			<i>For 8 In 12 Slope, Add</i>	87.07	
			<i>For 16" On Center Gable Studs, Add</i>	72.56	
06 17 53 00-0053	EA		58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	600.55	108.80
			<i>For 3 In 12 Slope, Add</i>	11.49	
			<i>For 5 In 12 Slope, Add</i>	30.64	
			<i>For 6 In 12 Slope, Add</i>	57.44	
			<i>For 7 In 12 Slope, Add</i>	76.59	
			<i>For 8 In 12 Slope, Add</i>	91.91	
			<i>For 16" On Center Gable Studs, Add</i>	76.59	
06 17 53 00-0054	EA		60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	614.23	110.45
			<i>For 3 In 12 Slope, Add</i>	11.80	
			<i>For 5 In 12 Slope, Add</i>	31.47	
			<i>For 6 In 12 Slope, Add</i>	59.00	
			<i>For 7 In 12 Slope, Add</i>	78.67	
			<i>For 8 In 12 Slope, Add</i>	94.40	
			<i>For 16" On Center Gable Studs, Add</i>	78.67	

**06 18 Glued-Laminated Construction** (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF		3-1/2" x 6" Glue Laminated Straight Beam .....	6.04	1.38
06 18 13 00-0003	LF		3-1/2" x 7-1/2" Glue Laminated Straight Beam .....	7.55	1.72
06 18 13 00-0004	LF		3-1/2" x 9" Glue Laminated Straight Beam .....	9.08	2.06
06 18 13 00-0005	LF		3-1/2" x 9-1/2" Glue Laminated Straight Beam .....	9.57	2.17
06 18 13 00-0006	LF		3-1/2" x 10-1/2" Glue Laminated Straight Beam .....	10.58	2.40
06 18 13 00-0007	LF		3-1/2" x 12" Glue Laminated Straight Beam .....	12.09	2.74
06 18 13 00-0008	LF		3-1/2" x 13-1/2" Glue Laminated Straight Beam .....	13.61	3.09
06 18 13 00-0009	LF		3-1/2" x 14" Glue Laminated Straight Beam .....	14.10	3.20
06 18 13 00-0010	LF		3-1/2" x 15" Glue Laminated Straight Beam .....	15.12	3.43
06 18 13 00-0011	LF		3-1/2" x 16" Glue Laminated Straight Beam .....	16.12	3.66
06 18 13 00-0012	LF		3-1/2" x 16-1/2" Glue Laminated Straight Beam .....	16.62	3.78
06 18 13 00-0013	LF		3-1/2" x 18" Glue Laminated Straight Beam .....	18.13	4.12
06 18 13 00-0014	LF		3-1/2" x 19-1/2" Glue Laminated Straight Beam .....	19.64	4.47
06 18 13 00-0015	LF		3-1/2" x 21" Glue Laminated Straight Beam .....	21.14	4.81
06 18 13 00-0016	LF		3-1/2" x 22.5" Glue Laminated Straight Beam.....	22.66	5.16
06 18 13 00-0017	LF		5-1/2" x 6" Glue Laminated Straight Beam .....	9.50	2.16
06 18 13 00-0018	LF		5-1/2" x 7-1/2" Glue Laminated Straight Beam .....	11.87	2.70
06 18 13 00-0019	LF		5-1/2" x 9" Glue Laminated Straight Beam .....	14.26	3.24
06 18 13 00-0020	LF		5-1/2" x 9-1/2" Glue Laminated Straight Beam .....	15.03	3.42
06 18 13 00-0021	LF		5-1/2" x 10-1/2" Glue Laminated Straight Beam .....	16.62	3.78
06 18 13 00-0022	LF		5-1/2" x 12" Glue Laminated Straight Beam .....	18.99	4.32
06 18 13 00-0023	LF		5-1/2" x 13-1/2" Glue Laminated Straight Beam .....	21.38	4.86
06 18 13 00-0024	LF		5-1/2" x 14" Glue Laminated Straight Beam .....	22.16	5.04
06 18 13 00-0025	LF		5-1/2" x 15" Glue Laminated Straight Beam .....	23.75	5.40
06 18 13 00-0026	LF		5-1/2" x 16" Glue Laminated Straight Beam .....	25.31	5.76
06 18 13 00-0027	LF		5-1/2" x 16-1/2" Glue Laminated Straight Beam .....	26.12	5.94
06 18 13 00-0028	LF		5-1/2" x 18" Glue Laminated Straight Beam .....	28.49	6.47
06 18 13 00-0029	LF		5-1/2" x 19-1/2" Glue Laminated Straight Beam .....	30.88	7.02





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0030 LF 5-1/2" x 21" Glue Laminated Straight Beam .....	33.25	7.56
06 18 13 00-0031 LF 5-1/2" x 22.5" Glue Laminated Straight Beam .....	35.61	8.10
06 18 13 00-0032 LF 5-1/2" x 24" Glue Laminated Straight Beam .....	38.00	8.64
06 18 13 00-0033 LF 6-3/4" x 9" Glue Laminated Straight Beam .....	17.48	3.97
06 18 13 00-0034 LF 6-3/4" x 9-1/2" Glue Laminated Straight Beam .....	18.45	4.19
06 18 13 00-0035 LF 6-3/4" x 10-1/2" Glue Laminated Straight Beam .....	20.40	4.64
06 18 13 00-0036 LF 6-3/4" x 12" Glue Laminated Straight Beam .....	23.31	5.30
06 18 13 00-0037 LF 6-3/4" x 13-1/2" Glue Laminated Straight Beam .....	26.24	5.97
06 18 13 00-0038 LF 6-3/4" x 14" Glue Laminated Straight Beam .....	27.20	6.18
06 18 13 00-0039 LF 6-3/4" x 15" Glue Laminated Straight Beam .....	29.14	6.63
06 18 13 00-0040 LF 6-3/4" x 16" Glue Laminated Straight Beam .....	31.08	7.07
06 18 13 00-0041 LF 6-3/4" x 16-1/2" Glue Laminated Straight Beam .....	32.06	7.28
06 18 13 00-0042 LF 6-3/4" x 18" Glue Laminated Straight Beam .....	34.97	7.95
06 18 13 00-0043 LF 6-3/4" x 19-1/2" Glue Laminated Straight Beam .....	37.88	8.61
06 18 13 00-0044 LF 6-3/4" x 21" Glue Laminated Straight Beam .....	40.80	9.28
06 18 13 00-0045 LF 6-3/4" x 22.5" Glue Laminated Straight Beam .....	43.71	9.94
06 18 13 00-0046 LF 6-3/4" x 24" Glue Laminated Straight Beam .....	46.63	10.60
06 18 13 00-0047 LF 8-3/4" x 9" Glue Laminated Straight Beam .....	22.66	5.16
06 18 13 00-0048 LF 8-3/4" x 9-1/2" Glue Laminated Straight Beam .....	23.93	5.44
06 18 13 00-0049 LF 8-3/4" x 10-1/2" Glue Laminated Straight Beam .....	26.44	6.01
06 18 13 00-0050 LF 8-3/4" x 12" Glue Laminated Straight Beam .....	30.22	6.87
06 18 13 00-0051 LF 8-3/4" x 13-1/2" Glue Laminated Straight Beam .....	34.01	7.73
06 18 13 00-0052 LF 8-3/4" x 14" Glue Laminated Straight Beam .....	35.25	8.02
06 18 13 00-0053 LF 8-3/4" x 15" Glue Laminated Straight Beam .....	37.77	8.59
06 18 13 00-0054 LF 8-3/4" x 16" Glue Laminated Straight Beam .....	40.29	9.17
06 18 13 00-0055 LF 8-3/4" x 16-1/2" Glue Laminated Straight Beam .....	41.55	9.45
06 18 13 00-0056 LF 8-3/4" x 18" Glue Laminated Straight Beam .....	45.34	10.30
06 18 13 00-0057 LF 8-3/4" x 19-1/2" Glue Laminated Straight Beam .....	49.12	11.16
06 18 13 00-0058 LF 8-3/4" x 21" Glue Laminated Straight Beam .....	52.88	12.03
06 18 13 00-0059 LF 8-3/4" x 22.5" Glue Laminated Straight Beam .....	56.66	12.89
06 18 13 00-0060 LF 8-3/4" x 24" Glue Laminated Straight Beam .....	60.44	13.74
<b>06 18 13 00-0061 Glue Laminated Decking (06 18 13)</b>		
06 18 13 00-0062 LF 2" - 4" Thick x 4" Wide Glue Laminated Decking .....	3.01	0.83
06 18 13 00-0063 LF 2" - 4" Thick x 6" Wide Glue Laminated Decking .....	3.05	0.83
06 18 13 00-0064 LF 2" - 4" Thick x 8" Wide Glue Laminated Decking .....	3.08	0.78
<b>06 18 16 Glued-Laminated Columns (06 18)</b>		
<b>06 18 16 00-0001 Glue Laminated Structural Units (06 18 16)</b>		
Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002 LF 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column .....	9.44	1.69
06 18 16 00-0003 LF 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....	10.65	1.89
06 18 16 00-0004 LF 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....	19.50	4.02
06 18 16 00-0005 LF 5-1/4" x 13" Glue Laminated Purlin Or Column .....	21.64	4.21
<b>06 20 Finish Carpentry (06)</b>		
<b>06 22 Millwork (06 20)</b>		
<b>06 22 13 Standard Pattern Wood Trim (06 22)</b>		
<b>06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) (06 22 13)</b>		
06 22 13 00-0002 LF 1/4" x 1-1/4" Wood Lattice Strip .....	1.18	0.47
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.18</i>	
06 22 13 00-0003 LF 1/4" x 1-5/8" Wood Lattice Strip .....	1.22	0.38
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.18</i>	
06 22 13 00-0004 LF 1/4" x 2-1/2" Wood Lattice Strip .....	1.48	0.38
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.18</i>	
06 22 13 00-0005 LF 1/4" x 3-1/2" Wood Lattice Strip .....	1.64	0.38
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.18</i>	
06 22 13 00-0006 <b>Ceilings (All Dimensions Are Nominal) (06 22 13)</b>		
06 22 13 00-0007 <b>White Pine (06 22 13 00-0006)</b>		
06 22 13 00-0008 LF 9/16" x 3-5/8" White Pine Crown Or Bed Molding .....	5.10	1.68
<i>For Birch, Add</i>		
	<i>0.98</i>	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	<i>1.46</i>	
<i>For Poplar, Add</i>		
	<i>0.54</i>	
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.55</i>	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	<i>0.35</i>	
06 22 13 00-0009 LF 11/16" x 4-5/8" White Pine Crown Or Bed Molding .....	6.75	2.01
<i>For Birch, Add</i>		
	<i>1.40</i>	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	<i>2.03</i>	
<i>For Poplar, Add</i>		
	<i>0.78</i>	
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	<i>0.66</i>	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	<i>0.50</i>	

**06 Wood, Plastics, and Composites****06 20 Finish Carpentry****06 22 Millwork**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22	13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding .....	2.72	1.15
			For Birch, Add	0.29	
			For Mahogany, Oak, Maple Or Walnut, Add	0.56	
			For Poplar, Add	0.16	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.44	
			For Stain Grade Material (No Finger Joints), Add	0.11	
06 22	13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding .....	3.01	1.15
			For Birch, Add	0.40	
			For Mahogany, Oak, Maple Or Walnut, Add	0.69	
			For Poplar, Add	0.22	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.44	
			For Stain Grade Material (No Finger Joints), Add	0.14	
06 22	13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding .....	3.91	1.44
			For Birch, Add	0.55	
			For Mahogany, Oak, Maple Or Walnut, Add	0.93	
			For Poplar, Add	0.31	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
			For Stain Grade Material (No Finger Joints), Add	0.20	
06 22	13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding .....	4.40	1.44
			For Birch, Add	0.73	
			For Mahogany, Oak, Maple Or Walnut, Add	1.15	
			For Poplar, Add	0.40	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
			For Stain Grade Material (No Finger Joints), Add	0.26	
06 22	13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding .....	5.45	1.72
			For Birch, Add	0.93	
			For Mahogany, Oak, Maple Or Walnut, Add	1.45	
			For Poplar, Add	0.52	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.66	
			For Stain Grade Material (No Finger Joints), Add	0.34	
06 22	13 00-0015	LF	1" x 2" White Pine Dentil Molding .....	2.80	1.33
			For Birch, Add	0.32	
			For Mahogany, Oak, Maple Or Walnut, Add	0.59	
			For Poplar, Add	0.18	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.44	
			For Stain Grade Material (No Finger Joints), Add	0.12	
06 22	13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding .....	2.31	1.00
			For Birch, Add	0.31	
			For Mahogany, Oak, Maple Or Walnut, Add	0.54	
			For Poplar, Add	0.17	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
			For Stain Grade Material (No Finger Joints), Add	0.11	
06 22	13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding .....	3.24	1.00
			For Birch, Add	0.65	
			For Mahogany, Oak, Maple Or Walnut, Add	0.95	
			For Poplar, Add	0.36	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
			For Stain Grade Material (No Finger Joints), Add	0.23	
06 22	13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding .....	1.41	0.58
			For Birch, Add	0.15	
			For Mahogany, Oak, Maple Or Walnut, Add	0.28	
			For Poplar, Add	0.08	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.23	
			For Stain Grade Material (No Finger Joints), Add	0.05	
06 22	13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding .....	1.52	0.58
			For Birch, Add	0.19	
			For Mahogany, Oak, Maple Or Walnut, Add	0.33	
			For Poplar, Add	0.10	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.23	
			For Stain Grade Material (No Finger Joints), Add	0.07	
06 22	13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding .....	1.97	0.72
			For Birch, Add	0.28	
			For Mahogany, Oak, Maple Or Walnut, Add	0.47	
			For Poplar, Add	0.16	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.27	
			For Stain Grade Material (No Finger Joints), Add	0.10	
06 22	13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding .....	1.97	0.72
			For Birch, Add	0.28	
			For Mahogany, Oak, Maple Or Walnut, Add	0.47	
			For Poplar, Add	0.16	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.27	
			For Stain Grade Material (No Finger Joints), Add	0.10	
06 22	13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding .....	2.44	0.72
			For Birch, Add	0.45	
			For Mahogany, Oak, Maple Or Walnut, Add	0.68	
			For Poplar, Add	0.25	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.27	
			For Stain Grade Material (No Finger Joints), Add	0.16	
06 22	13 00-0023	LF	7-1/2" Wide Mullion Covers .....	13.99	0.86
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.39	
06 22	13 00-0024	LF	Three Piece Mullion Trim, 2 Cove Moldings .....	17.57	0.86
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.39	

06 22 13 00-0025 Cedar Trim (06 22 13 00-0006)



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Finish Carpentry	06 20	
Millwork	06 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0026	LF		2" x 4" Cedar Ceiling Trim..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.82 0.80	2.42
<b>06 22 13 00-0027 Oak Trim</b> <small>(06 22 13 00-0006)</small>					
06 22 13 00-0028	LF		1" x 8" Clear Oak Ceiling Trim..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.88 0.74	2.23
<b>06 22 13 00-0029 Closet Poles</b> <small>(06 22 13)</small>					
06 22 13 00-0030	LF		1-1/8" Diameter Pine Closet Poles.....	3.52	1.24
06 22 13 00-0031	LF		1-5/8" Diameter Pine Closet Poles.....	4.79	1.24
06 22 13 00-0032	LF		2" Diameter Pine Closet Poles.....	6.23	1.38
<b>06 25 Prefinished Paneling</b> <small>(06 20)</small>					
<b>06 25 16 Prefinished Plywood Paneling</b> <small>(06 25)</small>					
<b>06 25 16 00-0001 Hardboard Panels</b> <small>(06 25 16)</small>					
<i>Note: Excludes furring and trim.</i>					
<b>06 25 16 00-0002 Tempered Hardboard Panels</b> <small>(06 25 16 00-0001)</small>					
06 25 16 00-0003	SF		1/4" Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	2.46 0.03 0.59 0.12 -0.22 0.50 0.60 0.73 0.38	0.87
06 25 16 00-0004	SF		1/4" Plastic Faced Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	2.77 0.03 0.70 0.14 -0.24 0.52 0.61 0.73 0.35	1.07
06 25 16 00-0005	SF		1/4" Pegboard Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	2.79 0.06 0.59 0.14 -0.27 0.68 0.85 1.06 0.64	0.87
06 25 16 00-0006	SF		1/4" Plastic Faced Pegboard Tempered Hardboard..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	2.87 0.04 0.70 0.14 -0.25 0.57 0.68 0.83 0.43	1.07
<b>06 25 16 00-0007 Untempered Hardboard Panels</b> <small>(06 25 16 00-0001)</small>					
06 25 16 00-0008	SF		1/4" Untempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For Lumber Core, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	2.36 0.03 0.12 0.04 0.30	0.87

**06 40 Architectural Woodwork** (06)

**06 41 Architectural Wood Casework** (06 40)

**06 41 13 Wood-Veneer-Faced Architectural Cabinets** (06 41)

**06 41 13 00-0001 Wood-Veneer Faced Cabinets** (06 41 13)

*Note: AWI Custom Grade, good quality mill-made modular units, prefinished with solid hardwood face frames, hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs (1/8" vinyl laminated plywood), vinyl laminated cabinet interiors, vinyl laminated composition drawer bodies with nylon and metal guides. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves. Use appropriate modifiers for the following grades: Economy Grade - Cabinets with melamine laminated to particleboard, in textured colors or wood grain print finish; Premium Grade - Cabinets with solid hardwood fronts and frames, mitered corners and solid wood drawer bodies with steel guides and ball bearings; Laboratory Grade - Cabinets with chemical resistant finish on premium grade.*

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0002			<b>Base Cabinets</b> <small>(06 41 13 00-0001)</small> Note: Excludes tops or finish.		
06 41 13 00-0003			<b>Base Cabinets, Single Drawer And Single Door</b> <small>(06 41 13 00-0002)</small>		
06 41 13 00-0004			<b>Base Cabinets 34-1/2" High x 24" Deep</b> <small>(06 41 13 00-0003)</small>		
06 41 13 00-0005	EA		Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	255.96 43.42 86.84 108.55 -86.84 108.55 141.11 -32.56	27.26
06 41 13 00-0006	EA		>15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	279.74 46.41 92.83 116.04 -92.83 116.04 150.85 -34.81	33.48
06 41 13 00-0007	EA		>18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	297.83 48.66 97.32 121.65 -97.32 121.65 158.15 -36.50	38.27
06 41 13 00-0008	EA		>21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	340.63 55.45 110.90 138.63 -110.90 138.63 180.22 -41.59	44.48
06 41 13 00-0009			<b>Base Cabinets 30" High x 24" Deep</b> <small>(06 41 13 00-0003)</small>		
06 41 13 00-0010	EA		Up To 15" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	223.40 36.91 73.81 92.27 -73.81 92.27 119.94 -27.68	27.26
06 41 13 00-0011	EA		>15" To 18" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	244.93 39.45 78.90 98.63 -78.90 98.63 128.22 -29.59	33.48
06 41 13 00-0012	EA		>18" To 21" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	261.33 41.36 82.72 103.40 -82.72 103.40 134.42 -31.02	38.27



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0013	EA		>21" To 24" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	299.04 47.13 94.27 117.84 -94.27 117.84 153.19 -35.35	44.00
06 41 13 00-0014	EA		>30" To 36" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	397.77 63.77 127.54 159.43 -127.54 159.43 207.25 -47.83	55.00
<b>06 41 13 00-0015 Base Cabinets 34-1/2" High x 24" Deep, Custom Built In Place (06 41 13 00-0003)</b>					
06 41 13 00-0016	LF		Up To 15" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	222.46 34.74 69.47 86.84 -69.47 86.84 112.89 -26.05	33.96
06 41 13 00-0017	LF		>18" To 18" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	202.06 30.94 61.88 77.36 -61.88 77.36 100.56 -23.21	33.00
06 41 13 00-0018	LF		>18" To 24" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	184.94 27.81 55.61 69.52 -55.61 69.52 90.37 -20.85	32.05
06 41 13 00-0019	LF		>24" To 30" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For 3 Drawer Unit, Add</i> <i>For 4 Drawer Unit, Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	169.25 25.05 50.10 62.63 -50.10 62.63 81.41 -18.79	30.61
<b>06 41 13 00-0020 Base Cabinets, Double Drawer And Double Door (06 41 13 00-0002)</b>					
<b>06 41 13 00-0021 34-1/2" High x 24" Deep (06 41 13 00-0020)</b>					
06 41 13 00-0022	EA		24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	400.06 65.38 -130.76 163.45 212.48 -49.03 32.69 -49.03	36.59

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0023	EA		>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	426.39 69.59 -139.18 173.98 226.17 -52.19 34.80 -52.19	39.22
06 41 13 00-0024	EA		>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	444.67 72.86 -145.73 182.16 236.81 -54.65 36.43 -54.65	40.18
06 41 13 00-0025	EA		>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	456.57 74.86 -149.72 187.15 243.30 -56.15 37.43 -56.15	41.13
06 41 13 00-0026	EA		>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	488.21 79.85 -159.70 199.63 259.51 -59.89 39.93 -59.89	44.48
06 41 13 00-0027	EA		>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	518.42 83.59 -167.19 208.99 271.68 -62.70 41.80 -62.70	50.22
<b>06 41 13 00-0028</b>			<b>30" High x 24" Deep</b> <small>(06 41 13 00-0029)</small>		
06 41 13 00-0029	EA		24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	263.81 38.54 -77.07 96.34 125.24 -28.90 19.27 -28.90	49.55
06 41 13 00-0030	EA		30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	388.17 61.95 -123.91 154.89 201.35 -46.47 30.98 -46.47	55.24
06 41 13 00-0031	EA		36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	453.74 74.26 -148.51 185.64 241.33 -55.69 37.13 -55.69	57.25



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0032	EA		42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	547.91 91.79 -183.58 229.47 298.31 -68.84 45.89 -68.84	62.27
06 41 13 00-0033	EA		48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	622.01 104.31 -208.63 260.79 339.02 -78.24 52.16 -78.24	70.30
<b>06 41 13 00-0034</b>			<b>34-1/2" High x 24" Deep, Custom Built In Place</b> (06 41 13 00-0020)		
06 41 13 00-0035	LF		24" To 30" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	186.05 27.84 -55.67 69.59 90.47 -20.88 13.92 -20.88	33.00
06 41 13 00-0036	LF		>30" To 36" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	167.96 24.98 -49.96 62.46 81.19 -18.74 12.49 -18.74	30.14
06 41 13 00-0037	LF		>36" To 42" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	154.27 22.82 -45.64 57.05 74.16 -17.11 11.41 -17.11	28.21
06 41 13 00-0038	LF		>42" To 48" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i> <i>For 3 Drawer Unit, Add</i> <i>For Sink Base With Sink Front (No Drawer), Deduct</i>	142.80 20.91 -41.81 52.27 67.94 -15.68 10.45 -15.68	26.79
<b>06 41 13 00-0039</b>			<b>Vanity Bases</b> (06 41 13 00-0002)		
06 41 13 00-0040	EA		30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	302.64 46.30 -92.60 115.76 150.48 -34.73	35.59
06 41 13 00-0041	EA		30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door ..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	344.57 53.23 -106.47 133.09 173.01 -39.93	39.60

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0042	EA		30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	438.74 71.26 -142.51 178.14 231.58 -53.44	41.23
06 41 13 00-0043	EA		30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. <i>For ADA Cabinet Units (Includes All ADA Hardware), Add</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	523.22 84.56 -169.13 211.41 274.83 -63.42	50.22
06 41 13 00-0044			Wall Cabinets <small>(06 41 13 00-0001)</small>		
06 41 13 00-0045			Wall Cabinets 36" High x 13" Deep <small>(06 41 13 00-0044)</small>		
06 41 13 00-0046			Single Door Type Units <small>(06 41 13 00-0045)</small>		
06 41 13 00-0047	EA		Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	211.67 -67.45 84.32 109.61 -25.29	34.43
06 41 13 00-0048	EA		>15" To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	240.54 -78.63 98.29 127.78 -29.49	35.15
06 41 13 00-0049	EA		>18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	270.10 -89.83 112.29 145.98 -33.69	36.34
06 41 13 00-0050	EA		>24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	318.88 -107.80 134.75 175.18 -40.43	39.22
06 41 13 00-0051			Double Door Type Units <small>(06 41 13 00-0045)</small>		
06 41 13 00-0052	EA		Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	275.69 -89.96 112.46 146.19 -33.74	40.18
06 41 13 00-0053	EA		>24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	327.24 -109.00 136.25 177.12 -40.87	44.00
06 41 13 00-0054	EA		>30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	367.54 -124.57 155.71 202.42 -46.71	44.96
06 41 13 00-0055	EA		>36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	399.76 -136.54 170.68 221.88 -51.20	46.63





<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0056 EA >42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	446.10  -153.91 192.39 250.11 -57.72	48.78
<b>06 41 13 00-0057 Wall Cabinets 30" High x 13" Deep</b> (06 41 13 00-0044)		
<b>06 41 13 00-0058 Single Door Type Units</b> (06 41 13 00-0057)		
06 41 13 00-0059 EA Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	166.66  -52.90 66.13 85.96 -19.84	27.20
06 41 13 00-0060 EA >12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	190.58  -61.88 77.36 100.56 -23.21	28.38
06 41 13 00-0061 EA >15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	207.58  -68.37 85.47 111.10 -25.64	28.97
06 41 13 00-0062 EA >18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	225.08  -74.86 93.58 121.65 -28.07	30.00
<b>06 41 13 00-0063 Double Door Type Units</b> (06 41 13 00-0057)		
06 41 13 00-0064 EA Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	249.60  -84.34 105.43 137.06 -31.63	30.64
06 41 13 00-0065 EA >27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	266.78  -90.83 113.54 147.60 -34.06	31.40
06 41 13 00-0066 EA >30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	300.17  -103.81 129.76 168.69 -38.93	32.16
06 41 13 00-0067 EA >36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	326.08  -113.79 142.24 184.91 -42.67	32.91
06 41 13 00-0068 EA >42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet ..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	362.74  -128.26 160.33 208.42 -48.10	33.29
<b>06 41 13 00-0069 Wall Cabinets 24" High x 13" Deep</b> (06 41 13 00-0044)		
<b>06 41 13 00-0070 Double Door Type Units</b> (06 41 13 00-0069)		

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0071 EA Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet .....221.10 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -75.86 <i>For Premium Grade, Add</i> 94.83 <i>For Laboratory Grade, Add</i> 123.27 <i>For Unfinished (Natural, Wood), Deduct</i> -28.45		24.87
06 41 13 00-0072 EA >24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet.....236.38 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -81.35 <i>For Premium Grade, Add</i> 101.69 <i>For Laboratory Grade, Add</i> 132.19 <i>For Unfinished (Natural, Wood), Deduct</i> -30.51		26.07
06 41 13 00-0073 EA >30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet.....258.50 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -89.83 <i>For Premium Grade, Add</i> 112.29 <i>For Laboratory Grade, Add</i> 145.98 <i>For Unfinished (Natural, Wood), Deduct</i> -33.69		26.83
06 41 13 00-0074 EA >36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet.....282.72 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -99.32 <i>For Premium Grade, Add</i> 124.15 <i>For Laboratory Grade, Add</i> 161.39 <i>For Unfinished (Natural, Wood), Deduct</i> -37.24		27.26
<b>06 41 13 00-0075 Wall Cabinets 15" High x 13" Deep (06 41 13 00-0044)</b>		
<b>06 41 13 00-0076 Double Door Type Units (06 41 13 00-0075)</b>		
06 41 13 00-0077 EA Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet .....196.08 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -67.38 <i>For Premium Grade, Add</i> 84.22 <i>For Laboratory Grade, Add</i> 109.49 <i>For Unfinished (Natural, Wood), Deduct</i> -25.27		21.85
06 41 13 00-0078 EA >24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....206.83 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -70.87 <i>For Premium Grade, Add</i> 88.59 <i>For Laboratory Grade, Add</i> 115.16 <i>For Unfinished (Natural, Wood), Deduct</i> -26.58		23.43
06 41 13 00-0079 EA >30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....227.31 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -77.36 <i>For Premium Grade, Add</i> 96.70 <i>For Laboratory Grade, Add</i> 125.70 <i>For Unfinished (Natural, Wood), Deduct</i> -29.01		26.83
06 41 13 00-0080 EA >36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....247.30 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -85.34 <i>For Premium Grade, Add</i> 106.68 <i>For Laboratory Grade, Add</i> 138.68 <i>For Unfinished (Natural, Wood), Deduct</i> -32.00		26.83
<b>06 41 13 00-0081 Wall Cabinets 12" High x 13" Deep (06 41 13 00-0044)</b>		
06 41 13 00-0082 EA 18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet.....180.84 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -60.39 <i>For Premium Grade, Add</i> 75.49 <i>For Laboratory Grade, Add</i> 98.13 <i>For Unfinished (Natural, Wood), Deduct</i> -22.65		14.73
06 41 13 00-0083 EA >30" Wide, 12" High x 13" Deep Double Door Wall Cabinet.....211.31 Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> -70.87 <i>For Premium Grade, Add</i> 88.59 <i>For Laboratory Grade, Add</i> 115.16 <i>For Unfinished (Natural, Wood), Deduct</i> -26.58		11.05
<b>06 41 13 00-0084 Wall Cabinets 36" High x 13" Deep, Custom Built In Place (06 41 13 00-0044)</b>		
<b>06 41 13 00-0085 Single Door Type Units (06 41 13 00-0084)</b>		



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0086	LF		Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	186.54 -53.96 67.45 87.68 -20.23	36.34
06 41 13 00-0087	LF		>15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	175.05 -52.42 65.53 85.18 -19.66	30.61
06 41 13 00-0088	LF		>18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	146.25 -44.92 56.15 72.99 -16.84	23.92
06 41 13 00-0089	LF		>24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	137.50 -43.14 53.93 70.10 -16.18	20.57
<b>06 41 13 00-0090</b>			<b>Double Door Type Units</b> (06 41 13 00-0084)		
06 41 13 00-0091	LF		Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	150.70 -44.97 56.22 73.08 -16.86	26.79
06 41 13 00-0092	LF		>24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	141.48 -43.58 54.48 70.82 -16.34	22.96
06 41 13 00-0093	LF		>30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	132.02 -41.52 51.91 67.48 -15.57	19.61
06 41 13 00-0094	LF		>36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	122.40 -39.01 48.77 63.39 -14.63	17.22
06 41 13 00-0095	LF		>42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	119.17 -38.48 48.11 62.54 -14.43	16.26
<b>06 41 13 00-0096</b>			<b>Accessories</b> (06 41 13 00-0001) See CSI section 06 41 93 00-0001 for cabinet hardware.		
06 41 13 00-0097	EA		Wall Corner Cabinet With Shelving..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	231.45 -44.78 55.98 72.77 -16.79	53.77
06 41 13 00-0098	EA		Wall Lazy Susan With Cabinet Enclosure..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Laboratory Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	378.23 -113.06 141.32 183.72 -42.40	43.02

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0099	EA		Base Lazy Susan With Cabinet Enclosure.....	473.30	35.85
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-157.46	
			For Premium Grade, Add	196.82	
			For Laboratory Grade, Add	255.87	
			For Unfinished (Natural, Wood), Deduct	-59.05	
06 41 13 00-0100	EA		Broom Cabinet.....	517.29	30.73
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-179.61	
			For Premium Grade, Add	224.51	
			For Laboratory Grade, Add	291.86	
			For Unfinished (Natural, Wood), Deduct	-67.35	
06 41 13 00-0101	EA		Base Corner Cabinet .....	212.33	21.50
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-67.72	
			For Premium Grade, Add	84.66	
			For Laboratory Grade, Add	110.05	
			For Unfinished (Natural, Wood), Deduct	-25.40	
06 41 13 00-0102	EA		Base Range Cabinet.....	203.84	17.93
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-67.20	
			For Premium Grade, Add	84.00	
			For Laboratory Grade, Add	109.19	
			For Unfinished (Natural, Wood), Deduct	-25.20	
06 41 13 00-0103	EA		Double Oven Cabinet.....	271.01	21.50
			Note: Prefinished with solid hardwood face frames, hardwood door frames.		
			For Economy Grade, Deduct	-91.20	
			For Premium Grade, Add	114.00	
			For Laboratory Grade, Add	148.19	
			For Unfinished (Natural, Wood), Deduct	-34.20	
06 41 13 00-0104	EA		Microwave Cabinet .....	184.68	14.34
			Note: Prefinished with solid hardwood face frames, hardwood door frames.		
			For Economy Grade, Deduct	-62.40	
			For Premium Grade, Add	78.00	
			For Laboratory Grade, Add	101.40	
			For Unfinished (Natural, Wood), Deduct	-23.40	
06 41 13 00-0105	EA		30" Flipper Door And Cabinet .....	224.70	27.48
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-67.89	
			For Premium Grade, Add	84.87	
			For Laboratory Grade, Add	110.32	
			For Unfinished (Natural, Wood), Deduct	-25.46	
06 41 13 00-0106	EA		36" Flipper Door And Cabinet .....	241.80	27.48
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-74.73	
			For Premium Grade, Add	93.42	
			For Laboratory Grade, Add	121.44	
			For Unfinished (Natural, Wood), Deduct	-28.02	
06 41 13 00-0107	EA		48" Flipper Door And Cabinet .....	270.16	27.48
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			For Economy Grade, Deduct	-86.08	
			For Premium Grade, Add	107.60	
			For Laboratory Grade, Add	139.87	
			For Unfinished (Natural, Wood), Deduct	-32.28	
06 41 13 00-0108	EA		For Keyed Lock In Door Or Drawer.....	26.89	
06 41 13 00-0109	SET		Tamper-Proof Screw Sets Per Panel .....	6.95	
06 41 13 00-0110			<b>Residential Housing Cabinetwork</b> <small>(06 41 13)</small>		
			Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.		
06 41 13 00-0111	EA		9" x 30" Wall Cabinet .....	154.24	13.15
			For Plastic Laminate On Particle Board, Deduct	-44.78	
			For Economy Grade, Deduct	-25.59	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.80	
			For High Grade, Add	12.80	
			For Higher Grade, Add	25.59	
			For Deluxe Grade, Add	51.18	
			For Custom Deluxe Grade, Add	53.81	
			For Custom Built In Place, Add	34.62	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0112	EA	12" x 30" Wall Cabinet.....	163.38	13.15
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-47.98	
			<i>For Economy Grade, Deduct</i>	-27.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.71	
			<i>For High Grade, Add</i>	13.71	
			<i>For Higher Grade, Add</i>	27.42	
			<i>For Deluxe Grade, Add</i>	54.84	
			<i>For Custom Deluxe Grade, Add</i>	57.47	
			<i>For Custom Built In Place, Add</i>	36.90	
06 41	13 00-0113	EA	15" x 30" Wall Cabinet.....	174.81	13.15
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.98	
			<i>For Economy Grade, Deduct</i>	-29.70	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.85	
			<i>For High Grade, Add</i>	14.85	
			<i>For Higher Grade, Add</i>	29.70	
			<i>For Deluxe Grade, Add</i>	59.41	
			<i>For Custom Deluxe Grade, Add</i>	62.04	
			<i>For Custom Built In Place, Add</i>	39.76	
06 41	13 00-0114	EA	18" x 30" Wall Cabinet.....	186.23	13.15
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-55.98	
			<i>For Economy Grade, Deduct</i>	-31.99	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.99	
			<i>For High Grade, Add</i>	15.99	
			<i>For Higher Grade, Add</i>	31.99	
			<i>For Deluxe Grade, Add</i>	63.98	
			<i>For Custom Deluxe Grade, Add</i>	66.61	
			<i>For Custom Built In Place, Add</i>	42.61	
06 41	13 00-0115	EA	21" x 30" Wall Cabinet.....	198.72	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-59.18	
			<i>For Economy Grade, Deduct</i>	-33.82	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.91	
			<i>For High Grade, Add</i>	16.91	
			<i>For Higher Grade, Add</i>	33.82	
			<i>For Deluxe Grade, Add</i>	67.63	
			<i>For Custom Deluxe Grade, Add</i>	70.60	
			<i>For Custom Built In Place, Add</i>	45.23	
06 41	13 00-0116	EA	24" x 30" Wall Cabinet.....	212.43	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-63.98	
			<i>For Economy Grade, Deduct</i>	-36.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.28	
			<i>For High Grade, Add</i>	18.28	
			<i>For Higher Grade, Add</i>	36.56	
			<i>For Deluxe Grade, Add</i>	73.12	
			<i>For Custom Deluxe Grade, Add</i>	76.08	
			<i>For Custom Built In Place, Add</i>	48.66	
06 41	13 00-0117	EA	24" x 30" Wall Cabinet, 2 Doors.....	223.86	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-67.98	
			<i>For Economy Grade, Deduct</i>	-38.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.42	
			<i>For High Grade, Add</i>	19.42	
			<i>For Higher Grade, Add</i>	38.84	
			<i>For Deluxe Grade, Add</i>	77.69	
			<i>For Custom Deluxe Grade, Add</i>	80.65	
			<i>For Custom Built In Place, Add</i>	51.52	
06 41	13 00-0118	EA	27" x 30" Wall Cabinet.....	235.28	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-71.97	
			<i>For Economy Grade, Deduct</i>	-41.13	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.56	
			<i>For High Grade, Add</i>	20.56	
			<i>For Higher Grade, Add</i>	41.13	
			<i>For Deluxe Grade, Add</i>	82.26	
			<i>For Custom Deluxe Grade, Add</i>	85.22	
			<i>For Custom Built In Place, Add</i>	54.37	
06 41	13 00-0119	EA	30" x 30" Wall Cabinet.....	257.85	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.37	
			<i>For Economy Grade, Deduct</i>	-44.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.39	
			<i>For High Grade, Add</i>	22.39	
			<i>For Higher Grade, Add</i>	44.78	
			<i>For Deluxe Grade, Add</i>	89.57	
			<i>For Custom Deluxe Grade, Add</i>	92.96	
			<i>For Custom Built In Place, Add</i>	59.37	
06 41	13 00-0120	EA	33" x 30" Wall Cabinet.....	274.45	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-83.17	
			<i>For Economy Grade, Deduct</i>	-47.53	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.76	
			<i>For High Grade, Add</i>	23.76	
			<i>For Higher Grade, Add</i>	47.53	
			<i>For Deluxe Grade, Add</i>	95.05	
			<i>For Custom Deluxe Grade, Add</i>	98.73	
			<i>For Custom Built In Place, Add</i>	63.09	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0121	EA	36" x 30" Wall Cabinet .....	283.20	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-85.57	
			<i>For Economy Grade, Deduct</i>	-48.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.45	
			<i>For High Grade, Add</i>	24.45	
			<i>For Higher Grade, Add</i>	48.90	
			<i>For Deluxe Grade, Add</i>	97.79	
			<i>For Custom Deluxe Grade, Add</i>	101.66	
			<i>For Custom Built In Place, Add</i>	64.99	
06 41	13 00-0122	EA	39" x 30" Wall Cabinet .....	301.09	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-91.17	
			<i>For Economy Grade, Deduct</i>	-52.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.05	
			<i>For High Grade, Add</i>	26.05	
			<i>For Higher Grade, Add</i>	52.10	
			<i>For Deluxe Grade, Add</i>	104.19	
			<i>For Custom Deluxe Grade, Add</i>	108.25	
			<i>For Custom Built In Place, Add</i>	69.18	
06 41	13 00-0123	EA	42" x 30" Wall Cabinet .....	314.80	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-95.97	
			<i>For Economy Grade, Deduct</i>	-54.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.42	
			<i>For High Grade, Add</i>	27.42	
			<i>For Higher Grade, Add</i>	54.84	
			<i>For Deluxe Grade, Add</i>	109.68	
			<i>For Custom Deluxe Grade, Add</i>	113.74	
			<i>For Custom Built In Place, Add</i>	72.61	
06 41	13 00-0124	EA	45" x 30" Wall Cabinet .....	331.38	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-100.77	
			<i>For Economy Grade, Deduct</i>	-57.58	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.79	
			<i>For High Grade, Add</i>	28.79	
			<i>For Higher Grade, Add</i>	57.58	
			<i>For Deluxe Grade, Add</i>	115.16	
			<i>For Custom Deluxe Grade, Add</i>	119.51	
			<i>For Custom Built In Place, Add</i>	76.32	
06 41	13 00-0125	EA	48" x 30" Wall Cabinet .....	345.09	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	124.99	
			<i>For Custom Built In Place, Add</i>	79.75	
06 41	13 00-0126	EA	24" x 30" Blind Corner Wall Cabinet .....	212.41	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-63.98	
			<i>For Economy Grade, Deduct</i>	-36.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.28	
			<i>For High Grade, Add</i>	18.28	
			<i>For Higher Grade, Add</i>	36.56	
			<i>For Deluxe Grade, Add</i>	73.12	
			<i>For Custom Deluxe Grade, Add</i>	76.08	
			<i>For Custom Built In Place, Add</i>	48.66	
06 41	13 00-0127	EA	24" x 30" Blind Corner Wall Cabinet .....	235.26	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-71.97	
			<i>For Economy Grade, Deduct</i>	-41.13	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.56	
			<i>For High Grade, Add</i>	20.56	
			<i>For Higher Grade, Add</i>	41.13	
			<i>For Deluxe Grade, Add</i>	82.26	
			<i>For Custom Deluxe Grade, Add</i>	85.22	
			<i>For Custom Built In Place, Add</i>	54.37	
06 41	13 00-0128	EA	30" x 30" Blind Corner Wall Cabinet .....	257.85	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.37	
			<i>For Economy Grade, Deduct</i>	-44.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.39	
			<i>For High Grade, Add</i>	22.39	
			<i>For Higher Grade, Add</i>	44.78	
			<i>For Deluxe Grade, Add</i>	89.57	
			<i>For Custom Deluxe Grade, Add</i>	92.96	
			<i>For Custom Built In Place, Add</i>	59.37	
06 41	13 00-0129	EA	33" x 30" Blind Corner Wall Cabinet .....	274.41	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-83.17	
			<i>For Economy Grade, Deduct</i>	-47.53	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.76	
			<i>For High Grade, Add</i>	23.76	
			<i>For Higher Grade, Add</i>	47.53	
			<i>For Deluxe Grade, Add</i>	95.05	
			<i>For Custom Deluxe Grade, Add</i>	98.73	
			<i>For Custom Built In Place, Add</i>	63.09	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0130	EA	36" x 30" Blind Corner Wall Cabinet .....	283.17	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-85.57	
			<i>For Economy Grade, Deduct</i>	-48.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.45	
			<i>For High Grade, Add</i>	24.45	
			<i>For Higher Grade, Add</i>	48.90	
			<i>For Deluxe Grade, Add</i>	97.79	
			<i>For Custom Deluxe Grade, Add</i>	101.66	
			<i>For Custom Built In Place, Add</i>	64.99	
06 41	13 00-0131	EA	42" x 30" Blind Corner Wall Cabinet .....	314.80	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-95.97	
			<i>For Economy Grade, Deduct</i>	-54.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.42	
			<i>For High Grade, Add</i>	27.42	
			<i>For Higher Grade, Add</i>	54.84	
			<i>For Deluxe Grade, Add</i>	109.68	
			<i>For Custom Deluxe Grade, Add</i>	113.74	
			<i>For Custom Built In Place, Add</i>	72.61	
06 41	13 00-0132	EA	48" x 30" Blind Corner Wall Cabinet .....	345.09	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	124.99	
			<i>For Custom Built In Place, Add</i>	79.75	
06 41	13 00-0133	EA	30" x 34-1/2" Microwave Cabinet .....	372.66	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-117.56	
			<i>For Economy Grade, Deduct</i>	-67.18	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-33.59	
			<i>For High Grade, Add</i>	33.59	
			<i>For Higher Grade, Add</i>	67.18	
			<i>For Deluxe Grade, Add</i>	134.35	
			<i>For Custom Deluxe Grade, Add</i>	138.03	
			<i>For Custom Built In Place, Add</i>	87.65	
06 41	13 00-0134	EA	30" x 46-1/2" Microwave Cabinet .....	495.89	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-158.34	
			<i>For Economy Grade, Deduct</i>	-90.48	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-45.24	
			<i>For High Grade, Add</i>	45.24	
			<i>For Higher Grade, Add</i>	90.48	
			<i>For Deluxe Grade, Add</i>	180.96	
			<i>For Custom Deluxe Grade, Add</i>	185.31	
			<i>For Custom Built In Place, Add</i>	117.45	
06 41	13 00-0135	EA	30" x 12" x 34-1/2" Microwave Cabinet .....	369.81	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-117.56	
			<i>For Economy Grade, Deduct</i>	-67.18	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-33.59	
			<i>For High Grade, Add</i>	33.59	
			<i>For Higher Grade, Add</i>	67.18	
			<i>For Deluxe Grade, Add</i>	134.35	
			<i>For Custom Deluxe Grade, Add</i>	137.75	
			<i>For Custom Built In Place, Add</i>	87.36	
06 41	13 00-0136	EA	30" x 12" x 46-1/2" Microwave Cabinet .....	495.89	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-158.34	
			<i>For Economy Grade, Deduct</i>	-90.48	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-45.24	
			<i>For High Grade, Add</i>	45.24	
			<i>For Higher Grade, Add</i>	90.48	
			<i>For Deluxe Grade, Add</i>	180.96	
			<i>For Custom Deluxe Grade, Add</i>	185.31	
			<i>For Custom Built In Place, Add</i>	117.45	
06 41	13 00-0137	EA	30" x 21" Microwave Cabinet .....	258.11	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-79.97	
			<i>For Economy Grade, Deduct</i>	-45.70	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.85	
			<i>For High Grade, Add</i>	22.85	
			<i>For Higher Grade, Add</i>	45.70	
			<i>For Deluxe Grade, Add</i>	91.40	
			<i>For Custom Deluxe Grade, Add</i>	94.36	
			<i>For Custom Built In Place, Add</i>	60.08	
06 41	13 00-0138	EA	30" x 30" Washer / Dryer Cabinet .....	257.85	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.37	
			<i>For Economy Grade, Deduct</i>	-44.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.39	
			<i>For High Grade, Add</i>	22.39	
			<i>For Higher Grade, Add</i>	44.78	
			<i>For Deluxe Grade, Add</i>	89.57	
			<i>For Custom Deluxe Grade, Add</i>	92.96	
			<i>For Custom Built In Place, Add</i>	59.37	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0139	EA		24" x 24" x 48" Diagonal Corner Cabinet .....	543.31	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-175.94	
			<i>For Economy Grade, Deduct</i>	-100.54	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-50.27	
			<i>For High Grade, Add</i>	50.27	
			<i>For Higher Grade, Add</i>	100.54	
			<i>For Deluxe Grade, Add</i>	201.07	
			<i>For Custom Deluxe Grade, Add</i>	205.14	
			<i>For Custom Built In Place, Add</i>	129.73	
06 41 13 00-0140	EA		24" x 24" x 48" Diagonal Corner Cabinet (RS) .....	375.16	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-117.09	
			<i>For Economy Grade, Deduct</i>	-66.91	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-33.45	
			<i>For High Grade, Add</i>	33.45	
			<i>For Higher Grade, Add</i>	66.91	
			<i>For Deluxe Grade, Add</i>	133.81	
			<i>For Custom Deluxe Grade, Add</i>	137.88	
			<i>For Custom Built In Place, Add</i>	87.70	
06 41 13 00-0141	EA		24" x 24" x 60" Diagonal Corner Cabinet .....	646.71	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-211.12	
			<i>For Economy Grade, Deduct</i>	-120.64	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-60.32	
			<i>For High Grade, Add</i>	60.32	
			<i>For Higher Grade, Add</i>	120.64	
			<i>For Deluxe Grade, Add</i>	241.28	
			<i>For Custom Deluxe Grade, Add</i>	245.63	
			<i>For Custom Built In Place, Add</i>	155.15	
06 41 13 00-0142	EA		24" x 24" x 60" Diagonal Corner Cabinet (RS) .....	738.11	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-243.11	
			<i>For Economy Grade, Deduct</i>	-138.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-69.46	
			<i>For High Grade, Add</i>	69.46	
			<i>For Higher Grade, Add</i>	138.92	
			<i>For Deluxe Grade, Add</i>	277.84	
			<i>For Custom Deluxe Grade, Add</i>	282.19	
			<i>For Custom Built In Place, Add</i>	178.00	
06 41 13 00-0143	EA		24" x 24" x 30" Diagonal Corner Wall Cabinet .....	308.11	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-95.97	
			<i>For Economy Grade, Deduct</i>	-54.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.42	
			<i>For High Grade, Add</i>	27.42	
			<i>For Higher Grade, Add</i>	54.84	
			<i>For Deluxe Grade, Add</i>	109.68	
			<i>For Custom Deluxe Grade, Add</i>	113.07	
			<i>For Custom Built In Place, Add</i>	71.94	
06 41 13 00-0144	EA		24" x 24" x 30" Diagonal Corner Wall Cabinet (RS) .....	399.50	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-127.95	
			<i>For Economy Grade, Deduct</i>	-73.12	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-36.56	
			<i>For High Grade, Add</i>	36.56	
			<i>For Higher Grade, Add</i>	73.12	
			<i>For Deluxe Grade, Add</i>	146.23	
			<i>For Custom Deluxe Grade, Add</i>	149.62	
			<i>For Custom Built In Place, Add</i>	94.79	
06 41 13 00-0145	EA		24" x 24" x 42" Diagonal Corner Wall Cabinet .....	362.94	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-115.16	
			<i>For Economy Grade, Deduct</i>	-65.80	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.90	
			<i>For High Grade, Add</i>	32.90	
			<i>For Higher Grade, Add</i>	65.80	
			<i>For Deluxe Grade, Add</i>	131.61	
			<i>For Custom Deluxe Grade, Add</i>	135.00	
			<i>For Custom Built In Place, Add</i>	85.65	
06 41 13 00-0146	EA		24" x 24" x 42" Diagonal Corner Wall Cabinet (RS) .....	472.62	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-153.55	
			<i>For Economy Grade, Deduct</i>	-87.74	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-43.87	
			<i>For High Grade, Add</i>	43.87	
			<i>For Higher Grade, Add</i>	87.74	
			<i>For Deluxe Grade, Add</i>	175.48	
			<i>For Custom Deluxe Grade, Add</i>	178.87	
			<i>For Custom Built In Place, Add</i>	113.07	
06 41 13 00-0147	EA		18" x 12" Wall Cabinet .....	113.11	13.15
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-30.39	
			<i>For Economy Grade, Deduct</i>	-17.37	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.68	
			<i>For High Grade, Add</i>	8.68	
			<i>For Higher Grade, Add</i>	17.37	
			<i>For Deluxe Grade, Add</i>	34.73	
			<i>For Custom Deluxe Grade, Add</i>	37.36	
			<i>For Custom Built In Place, Add</i>	24.34	





<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0148 EA 24" x 12" Wall Cabinet.....	157.57	14.82
For Plastic Laminate On Particle Board, Deduct	-44.78	
For Economy Grade, Deduct	-25.59	
For Premium Grade Plywood With Plastic Laminate, Deduct	-12.80	
For High Grade, Add	12.80	
For Higher Grade, Add	25.59	
For Deluxe Grade, Add	51.18	
For Custom Deluxe Grade, Add	54.14	
For Custom Built In Place, Add	34.95	
06 41 13 00-0149 EA 30" x 12" Wall Cabinet.....	180.15	16.97
For Plastic Laminate On Particle Board, Deduct	-51.18	
For Economy Grade, Deduct	-29.25	
For Premium Grade Plywood With Plastic Laminate, Deduct	-14.62	
For High Grade, Add	14.62	
For Higher Grade, Add	29.25	
For Deluxe Grade, Add	58.49	
For Custom Deluxe Grade, Add	61.88	
For Custom Built In Place, Add	39.95	
06 41 13 00-0150 EA 33" x 12" Wall Cabinet.....	192.16	18.40
For Plastic Laminate On Particle Board, Deduct	-54.38	
For Economy Grade, Deduct	-31.07	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.54	
For High Grade, Add	15.54	
For Higher Grade, Add	31.07	
For Deluxe Grade, Add	62.15	
For Custom Deluxe Grade, Add	65.83	
For Custom Built In Place, Add	42.52	
06 41 13 00-0151 EA 36" x 12" Wall Cabinet.....	198.64	19.35
For Plastic Laminate On Particle Board, Deduct	-55.98	
For Economy Grade, Deduct	-31.99	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.99	
For High Grade, Add	15.99	
For Higher Grade, Add	31.99	
For Deluxe Grade, Add	63.98	
For Custom Deluxe Grade, Add	67.85	
For Custom Built In Place, Add	43.86	
06 41 13 00-0152 EA 39" x 12" Wall Cabinet.....	205.12	20.31
For Plastic Laminate On Particle Board, Deduct	-57.58	
For Economy Grade, Deduct	-32.90	
For Premium Grade Plywood With Plastic Laminate, Deduct	-16.45	
For High Grade, Add	16.45	
For Higher Grade, Add	32.90	
For Deluxe Grade, Add	65.80	
For Custom Deluxe Grade, Add	69.87	
For Custom Built In Place, Add	45.19	
06 41 13 00-0153 EA 42" x 12" Wall Cabinet.....	209.69	20.31
For Plastic Laminate On Particle Board, Deduct	-59.18	
For Economy Grade, Deduct	-33.82	
For Premium Grade Plywood With Plastic Laminate, Deduct	-16.91	
For High Grade, Add	16.91	
For Higher Grade, Add	33.82	
For Deluxe Grade, Add	67.63	
For Custom Deluxe Grade, Add	71.69	
For Custom Built In Place, Add	46.33	
06 41 13 00-0154 EA 18" x 15" Wall Cabinet.....	113.11	13.15
For Plastic Laminate On Particle Board, Deduct	-30.39	
For Economy Grade, Deduct	-17.37	
For Premium Grade Plywood With Plastic Laminate, Deduct	-8.68	
For High Grade, Add	8.68	
For Higher Grade, Add	17.37	
For Deluxe Grade, Add	34.73	
For Custom Deluxe Grade, Add	37.36	
For Custom Built In Place, Add	24.34	
06 41 13 00-0155 EA 24" x 15" Wall Cabinet.....	157.57	14.82
For Plastic Laminate On Particle Board, Deduct	-44.78	
For Economy Grade, Deduct	-25.59	
For Premium Grade Plywood With Plastic Laminate, Deduct	-12.80	
For High Grade, Add	12.80	
For Higher Grade, Add	25.59	
For Deluxe Grade, Add	51.18	
For Custom Deluxe Grade, Add	54.14	
For Custom Built In Place, Add	34.95	
06 41 13 00-0156 EA 30" x 15" Wall Cabinet.....	180.15	16.97
For Plastic Laminate On Particle Board, Deduct	-51.18	
For Economy Grade, Deduct	-29.25	
For Premium Grade Plywood With Plastic Laminate, Deduct	-14.62	
For High Grade, Add	14.62	
For Higher Grade, Add	29.25	
For Deluxe Grade, Add	58.49	
For Custom Deluxe Grade, Add	61.88	
For Custom Built In Place, Add	39.95	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0157	EA	33" x 15" Wall Cabinet .....	192.16	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-54.38	
			<i>For Economy Grade, Deduct</i>	-31.07	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.54	
			<i>For High Grade, Add</i>	15.54	
			<i>For Higher Grade, Add</i>	31.07	
			<i>For Deluxe Grade, Add</i>	62.15	
			<i>For Custom Deluxe Grade, Add</i>	65.83	
			<i>For Custom Built In Place, Add</i>	42.52	
06 41	13 00-0158	EA	36" x 15" Wall Cabinet .....	203.21	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-57.58	
			<i>For Economy Grade, Deduct</i>	-32.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.45	
			<i>For High Grade, Add</i>	16.45	
			<i>For Higher Grade, Add</i>	32.90	
			<i>For Deluxe Grade, Add</i>	65.80	
			<i>For Custom Deluxe Grade, Add</i>	69.67	
			<i>For Custom Built In Place, Add</i>	45.00	
06 41	13 00-0159	EA	39" x 15" Wall Cabinet .....	218.83	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-62.38	
			<i>For Economy Grade, Deduct</i>	-35.64	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.82	
			<i>For High Grade, Add</i>	17.82	
			<i>For Higher Grade, Add</i>	35.64	
			<i>For Deluxe Grade, Add</i>	71.29	
			<i>For Custom Deluxe Grade, Add</i>	75.35	
			<i>For Custom Built In Place, Add</i>	48.62	
06 41	13 00-0160	EA	42" x 15" Wall Cabinet .....	232.54	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-67.18	
			<i>For Economy Grade, Deduct</i>	-38.39	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.19	
			<i>For High Grade, Add</i>	19.19	
			<i>For Higher Grade, Add</i>	38.39	
			<i>For Deluxe Grade, Add</i>	76.77	
			<i>For Custom Deluxe Grade, Add</i>	80.83	
			<i>For Custom Built In Place, Add</i>	52.04	
06 41	13 00-0161	EA	48" x 15" Wall Cabinet .....	249.12	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-71.97	
			<i>For Economy Grade, Deduct</i>	-41.13	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.56	
			<i>For High Grade, Add</i>	20.56	
			<i>For Higher Grade, Add</i>	41.13	
			<i>For Deluxe Grade, Add</i>	82.26	
			<i>For Custom Deluxe Grade, Add</i>	86.60	
			<i>For Custom Built In Place, Add</i>	55.76	
06 41	13 00-0162	EA	18" x 18" Wall Cabinet .....	140.53	13.15
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-39.98	
			<i>For Economy Grade, Deduct</i>	-22.85	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.42	
			<i>For High Grade, Add</i>	11.42	
			<i>For Higher Grade, Add</i>	22.85	
			<i>For Deluxe Grade, Add</i>	45.70	
			<i>For Custom Deluxe Grade, Add</i>	48.33	
			<i>For Custom Built In Place, Add</i>	31.19	
06 41	13 00-0163	EA	24" x 18" Wall Cabinet .....	157.57	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-44.78	
			<i>For Economy Grade, Deduct</i>	-25.59	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.80	
			<i>For High Grade, Add</i>	12.80	
			<i>For Higher Grade, Add</i>	25.59	
			<i>For Deluxe Grade, Add</i>	51.18	
			<i>For Custom Deluxe Grade, Add</i>	54.14	
			<i>For Custom Built In Place, Add</i>	34.95	
06 41	13 00-0164	EA	30" x 18" Wall Cabinet .....	189.30	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-54.38	
			<i>For Economy Grade, Deduct</i>	-31.07	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.54	
			<i>For High Grade, Add</i>	15.54	
			<i>For Higher Grade, Add</i>	31.07	
			<i>For Deluxe Grade, Add</i>	62.15	
			<i>For Custom Deluxe Grade, Add</i>	65.54	
			<i>For Custom Built In Place, Add</i>	42.24	
06 41	13 00-0165	EA	33" x 18" Wall Cabinet .....	201.29	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-57.58	
			<i>For Economy Grade, Deduct</i>	-32.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.45	
			<i>For High Grade, Add</i>	16.45	
			<i>For Higher Grade, Add</i>	32.90	
			<i>For Deluxe Grade, Add</i>	65.80	
			<i>For Custom Deluxe Grade, Add</i>	69.48	
			<i>For Custom Built In Place, Add</i>	44.81	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0166 EA 36" x 18" Wall Cabinet.....	212.34	19.35
For Plastic Laminate On Particle Board, Deduct	-60.78	
For Economy Grade, Deduct	-34.73	
For Premium Grade Plywood With Plastic Laminate, Deduct	-17.37	
For High Grade, Add	17.37	
For Higher Grade, Add	34.73	
For Deluxe Grade, Add	69.46	
For Custom Deluxe Grade, Add	73.33	
For Custom Built In Place, Add	47.28	
06 41 13 00-0167 EA 39" x 18" Wall Cabinet.....	225.69	20.31
For Plastic Laminate On Particle Board, Deduct	-64.78	
For Economy Grade, Deduct	-37.02	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.51	
For High Grade, Add	18.51	
For Higher Grade, Add	37.02	
For Deluxe Grade, Add	74.03	
For Custom Deluxe Grade, Add	78.09	
For Custom Built In Place, Add	50.33	
06 41 13 00-0168 EA 42" x 18" Wall Cabinet.....	237.11	20.31
For Plastic Laminate On Particle Board, Deduct	-68.78	
For Economy Grade, Deduct	-39.30	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.65	
For High Grade, Add	19.65	
For Higher Grade, Add	39.30	
For Deluxe Grade, Add	78.60	
For Custom Deluxe Grade, Add	82.66	
For Custom Built In Place, Add	53.19	
06 41 13 00-0169 EA 48" x 18" Wall Cabinet.....	258.26	21.75
For Plastic Laminate On Particle Board, Deduct	-75.17	
For Economy Grade, Deduct	-42.96	
For Premium Grade Plywood With Plastic Laminate, Deduct	-21.48	
For High Grade, Add	21.48	
For Higher Grade, Add	42.96	
For Deluxe Grade, Add	85.91	
For Custom Deluxe Grade, Add	90.26	
For Custom Built In Place, Add	58.04	
06 41 13 00-0170 EA 12" x 24" Wall Cabinet.....	142.82	13.15
For Plastic Laminate On Particle Board, Deduct	-40.79	
For Economy Grade, Deduct	-23.31	
For Premium Grade Plywood With Plastic Laminate, Deduct	-11.65	
For High Grade, Add	11.65	
For Higher Grade, Add	23.31	
For Deluxe Grade, Add	46.61	
For Custom Deluxe Grade, Add	49.24	
For Custom Built In Place, Add	31.76	
06 41 13 00-0171 EA 15" x 24" Wall Cabinet.....	151.96	13.15
For Plastic Laminate On Particle Board, Deduct	-43.98	
For Economy Grade, Deduct	-25.13	
For Premium Grade Plywood With Plastic Laminate, Deduct	-12.57	
For High Grade, Add	12.57	
For Higher Grade, Add	25.13	
For Deluxe Grade, Add	50.27	
For Custom Deluxe Grade, Add	52.90	
For Custom Built In Place, Add	34.05	
06 41 13 00-0172 EA 18" x 24" Wall Cabinet.....	161.10	13.15
For Plastic Laminate On Particle Board, Deduct	-47.18	
For Economy Grade, Deduct	-26.96	
For Premium Grade Plywood With Plastic Laminate, Deduct	-13.48	
For High Grade, Add	13.48	
For Higher Grade, Add	26.96	
For Deluxe Grade, Add	53.92	
For Custom Deluxe Grade, Add	56.55	
For Custom Built In Place, Add	36.33	
06 41 13 00-0173 EA 24" x 24" Wall Cabinet.....	182.73	14.82
For Plastic Laminate On Particle Board, Deduct	-53.58	
For Economy Grade, Deduct	-30.62	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.31	
For High Grade, Add	15.31	
For Higher Grade, Add	30.62	
For Deluxe Grade, Add	61.24	
For Custom Deluxe Grade, Add	64.20	
For Custom Built In Place, Add	41.24	
06 41 13 00-0174 EA 24" x 24" Wall Cabinet, 2 Doors.....	189.58	14.82
For Plastic Laminate On Particle Board, Deduct	-55.98	
For Economy Grade, Deduct	-31.99	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.99	
For High Grade, Add	15.99	
For Higher Grade, Add	31.99	
For Deluxe Grade, Add	63.98	
For Custom Deluxe Grade, Add	66.94	
For Custom Built In Place, Add	42.95	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0175	EA	27" x 24" Wall Cabinet .....	196.44	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-58.38	
			<i>For Economy Grade, Deduct</i>	-33.36	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.68	
			<i>For High Grade, Add</i>	16.68	
			<i>For Higher Grade, Add</i>	33.36	
			<i>For Deluxe Grade, Add</i>	66.72	
			<i>For Custom Deluxe Grade, Add</i>	69.68	
			<i>For Custom Built In Place, Add</i>	44.66	
06 41	13 00-0176	EA	30" x 24" Wall Cabinet .....	205.30	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-59.98	
			<i>For Economy Grade, Deduct</i>	-34.27	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.14	
			<i>For High Grade, Add</i>	17.14	
			<i>For Higher Grade, Add</i>	34.27	
			<i>For Deluxe Grade, Add</i>	68.55	
			<i>For Custom Deluxe Grade, Add</i>	71.94	
			<i>For Custom Built In Place, Add</i>	46.24	
06 41	13 00-0177	EA	33" x 24" Wall Cabinet .....	217.33	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-63.18	
			<i>For Economy Grade, Deduct</i>	-36.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.05	
			<i>For High Grade, Add</i>	18.05	
			<i>For Higher Grade, Add</i>	36.10	
			<i>For Deluxe Grade, Add</i>	72.20	
			<i>For Custom Deluxe Grade, Add</i>	75.89	
			<i>For Custom Built In Place, Add</i>	48.81	
06 41	13 00-0178	EA	36" x 24" Wall Cabinet .....	223.80	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-64.78	
			<i>For Economy Grade, Deduct</i>	-37.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.51	
			<i>For High Grade, Add</i>	18.51	
			<i>For Higher Grade, Add</i>	37.02	
			<i>For Deluxe Grade, Add</i>	74.03	
			<i>For Custom Deluxe Grade, Add</i>	77.90	
			<i>For Custom Built In Place, Add</i>	50.14	
06 41	13 00-0179	EA	39" x 24" Wall Cabinet .....	234.83	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-67.98	
			<i>For Economy Grade, Deduct</i>	-38.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.42	
			<i>For High Grade, Add</i>	19.42	
			<i>For Higher Grade, Add</i>	38.84	
			<i>For Deluxe Grade, Add</i>	77.69	
			<i>For Custom Deluxe Grade, Add</i>	81.75	
			<i>For Custom Built In Place, Add</i>	52.62	
06 41	13 00-0180	EA	42" x 24" Wall Cabinet .....	248.54	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-72.78	
			<i>For Economy Grade, Deduct</i>	-41.59	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.79	
			<i>For High Grade, Add</i>	20.79	
			<i>For Higher Grade, Add</i>	41.59	
			<i>For Deluxe Grade, Add</i>	83.17	
			<i>For Custom Deluxe Grade, Add</i>	87.23	
			<i>For Custom Built In Place, Add</i>	56.04	
06 41	13 00-0181	EA	45" x 24" Wall Cabinet .....	269.68	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-79.17	
			<i>For Economy Grade, Deduct</i>	-45.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.62	
			<i>For High Grade, Add</i>	22.62	
			<i>For Higher Grade, Add</i>	45.24	
			<i>For Deluxe Grade, Add</i>	90.48	
			<i>For Custom Deluxe Grade, Add</i>	94.83	
			<i>For Custom Built In Place, Add</i>	60.90	
06 41	13 00-0182	EA	48" x 24" Wall Cabinet .....	283.39	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-83.97	
			<i>For Economy Grade, Deduct</i>	-47.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.99	
			<i>For High Grade, Add</i>	23.99	
			<i>For Higher Grade, Add</i>	47.98	
			<i>For Deluxe Grade, Add</i>	95.96	
			<i>For Custom Deluxe Grade, Add</i>	100.31	
			<i>For Custom Built In Place, Add</i>	64.33	
06 41	13 00-0183	EA	24" x 24" Blind Corner Wall Cabinet .....	182.71	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-53.58	
			<i>For Economy Grade, Deduct</i>	-30.62	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.31	
			<i>For High Grade, Add</i>	15.31	
			<i>For Higher Grade, Add</i>	30.62	
			<i>For Deluxe Grade, Add</i>	61.24	
			<i>For Custom Deluxe Grade, Add</i>	64.20	
			<i>For Custom Built In Place, Add</i>	41.23	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0184 EA 30" x 24" Blind Corner Wall Cabinet .....	205.30	16.97
For Plastic Laminate On Particle Board, Deduct	-59.98	
For Economy Grade, Deduct	-34.27	
For Premium Grade Plywood With Plastic Laminate, Deduct	-17.14	
For High Grade, Add	17.14	
For Higher Grade, Add	34.27	
For Deluxe Grade, Add	68.55	
For Custom Deluxe Grade, Add	71.94	
For Custom Built In Place, Add	46.24	
06 41 13 00-0185 EA 36" x 24" Blind Corner Wall Cabinet .....	223.77	19.35
For Plastic Laminate On Particle Board, Deduct	-64.78	
For Economy Grade, Deduct	-37.02	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.51	
For High Grade, Add	18.51	
For Higher Grade, Add	37.02	
For Deluxe Grade, Add	74.03	
For Custom Deluxe Grade, Add	77.90	
For Custom Built In Place, Add	50.14	
06 41 13 00-0186 EA 42" x 24" Blind Corner Wall Cabinet .....	248.54	20.31
For Plastic Laminate On Particle Board, Deduct	-72.78	
For Economy Grade, Deduct	-41.59	
For Premium Grade Plywood With Plastic Laminate, Deduct	-20.79	
For High Grade, Add	20.79	
For Higher Grade, Add	41.59	
For Deluxe Grade, Add	83.17	
For Custom Deluxe Grade, Add	87.23	
For Custom Built In Place, Add	56.04	
06 41 13 00-0187 EA 48" x 24" Blind Corner Wall Cabinet .....	283.39	21.75
For Plastic Laminate On Particle Board, Deduct	-83.97	
For Economy Grade, Deduct	-47.98	
For Premium Grade Plywood With Plastic Laminate, Deduct	-23.99	
For High Grade, Add	23.99	
For Higher Grade, Add	47.98	
For Deluxe Grade, Add	95.96	
For Custom Deluxe Grade, Add	100.31	
For Custom Built In Place, Add	64.33	
06 41 13 00-0188 EA 9" x 42" Wall Cabinet .....	182.73	14.82
For Plastic Laminate On Particle Board, Deduct	-53.58	
For Economy Grade, Deduct	-30.62	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.31	
For High Grade, Add	15.31	
For Higher Grade, Add	30.62	
For Deluxe Grade, Add	61.24	
For Custom Deluxe Grade, Add	64.20	
For Custom Built In Place, Add	41.24	
06 41 13 00-0189 EA 12" x 42" Wall Cabinet .....	194.15	14.82
For Plastic Laminate On Particle Board, Deduct	-57.58	
For Economy Grade, Deduct	-32.90	
For Premium Grade Plywood With Plastic Laminate, Deduct	-16.45	
For High Grade, Add	16.45	
For Higher Grade, Add	32.90	
For Deluxe Grade, Add	65.80	
For Custom Deluxe Grade, Add	68.77	
For Custom Built In Place, Add	44.09	
06 41 13 00-0190 EA 15" x 42" Wall Cabinet .....	207.86	14.82
For Plastic Laminate On Particle Board, Deduct	-62.38	
For Economy Grade, Deduct	-35.64	
For Premium Grade Plywood With Plastic Laminate, Deduct	-17.82	
For High Grade, Add	17.82	
For Higher Grade, Add	35.64	
For Deluxe Grade, Add	71.29	
For Custom Deluxe Grade, Add	74.25	
For Custom Built In Place, Add	47.52	
06 41 13 00-0191 EA 18" x 42" Wall Cabinet .....	221.57	14.82
For Plastic Laminate On Particle Board, Deduct	-67.18	
For Economy Grade, Deduct	-38.39	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.19	
For High Grade, Add	19.19	
For Higher Grade, Add	38.39	
For Deluxe Grade, Add	76.77	
For Custom Deluxe Grade, Add	79.74	
For Custom Built In Place, Add	50.95	
06 41 13 00-0192 EA 21" x 42" Wall Cabinet .....	237.29	16.97
For Plastic Laminate On Particle Board, Deduct	-71.18	
For Economy Grade, Deduct	-40.67	
For Premium Grade Plywood With Plastic Laminate, Deduct	-20.34	
For High Grade, Add	20.34	
For Higher Grade, Add	40.67	
For Deluxe Grade, Add	81.34	
For Custom Deluxe Grade, Add	84.74	
For Custom Built In Place, Add	54.23	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0193	EA		24" x 42" Wall Cabinet .....	253.28	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-76.77	
			<i>For Economy Grade, Deduct</i>	-43.87	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.94	
			<i>For High Grade, Add</i>	21.94	
			<i>For Higher Grade, Add</i>	43.87	
			<i>For Deluxe Grade, Add</i>	87.74	
			<i>For Custom Deluxe Grade, Add</i>	91.13	
			<i>For Custom Built In Place, Add</i>	58.23	
06 41 13 00-0194	EA		24" x 42" Wall Cabinet, 2 Doors.....	278.41	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-85.57	
			<i>For Economy Grade, Deduct</i>	-48.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.45	
			<i>For High Grade, Add</i>	24.45	
			<i>For Higher Grade, Add</i>	48.90	
			<i>For Deluxe Grade, Add</i>	97.79	
			<i>For Custom Deluxe Grade, Add</i>	101.19	
			<i>For Custom Built In Place, Add</i>	64.51	
06 41 13 00-0195	EA		30" x 42" Wall Cabinet .....	306.40	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-94.37	
			<i>For Economy Grade, Deduct</i>	-53.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.96	
			<i>For High Grade, Add</i>	26.96	
			<i>For Higher Grade, Add</i>	53.92	
			<i>For Deluxe Grade, Add</i>	107.85	
			<i>For Custom Deluxe Grade, Add</i>	111.53	
			<i>For Custom Built In Place, Add</i>	71.08	
06 41 13 00-0196	EA		33" x 42" Wall Cabinet .....	324.33	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-99.96	
			<i>For Economy Grade, Deduct</i>	-57.12	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.56	
			<i>For High Grade, Add</i>	28.56	
			<i>For Higher Grade, Add</i>	57.12	
			<i>For Deluxe Grade, Add</i>	114.24	
			<i>For Custom Deluxe Grade, Add</i>	118.12	
			<i>For Custom Built In Place, Add</i>	75.27	
06 41 13 00-0197	EA		36" x 42" Wall Cabinet .....	333.12	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-102.36	
			<i>For Economy Grade, Deduct</i>	-58.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.25	
			<i>For High Grade, Add</i>	29.25	
			<i>For Higher Grade, Add</i>	58.49	
			<i>For Deluxe Grade, Add</i>	116.99	
			<i>For Custom Deluxe Grade, Add</i>	121.05	
			<i>For Custom Built In Place, Add</i>	77.18	
06 41 13 00-0198	EA		24" x 42" Blind Corner Wall Cabinet .....	253.28	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-76.77	
			<i>For Economy Grade, Deduct</i>	-43.87	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.94	
			<i>For High Grade, Add</i>	21.94	
			<i>For Higher Grade, Add</i>	43.87	
			<i>For Deluxe Grade, Add</i>	87.74	
			<i>For Custom Deluxe Grade, Add</i>	91.13	
			<i>For Custom Built In Place, Add</i>	58.23	
06 41 13 00-0199	EA		30" x 42" Blind Corner Wall Cabinet .....	306.40	18.40
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-94.37	
			<i>For Economy Grade, Deduct</i>	-53.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.96	
			<i>For High Grade, Add</i>	26.96	
			<i>For Higher Grade, Add</i>	53.92	
			<i>For Deluxe Grade, Add</i>	107.85	
			<i>For Custom Deluxe Grade, Add</i>	111.53	
			<i>For Custom Built In Place, Add</i>	71.08	
06 41 13 00-0200	EA		36" x 42" Blind Corner Wall Cabinet .....	333.08	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-102.36	
			<i>For Economy Grade, Deduct</i>	-58.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.25	
			<i>For High Grade, Add</i>	29.25	
			<i>For Higher Grade, Add</i>	58.49	
			<i>For Deluxe Grade, Add</i>	116.99	
			<i>For Custom Deluxe Grade, Add</i>	121.05	
			<i>For Custom Built In Place, Add</i>	77.18	
06 41 13 00-0201	EA		24" Angle End Wall Cabinet.....	253.54	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.37	
			<i>For Economy Grade, Deduct</i>	-44.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.39	
			<i>For High Grade, Add</i>	22.39	
			<i>For Higher Grade, Add</i>	44.78	
			<i>For Deluxe Grade, Add</i>	89.57	
			<i>For Custom Deluxe Grade, Add</i>	92.53	
			<i>For Custom Built In Place, Add</i>	58.94	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0202 EA 30" Angle End Wall Cabinet.....	278.39	16.97
For Plastic Laminate On Particle Board, Deduct	-85.57	
For Economy Grade, Deduct	-48.90	
For Premium Grade Plywood With Plastic Laminate, Deduct	-24.45	
For High Grade, Add	24.45	
For Higher Grade, Add	48.90	
For Deluxe Grade, Add	97.79	
For Custom Deluxe Grade, Add	101.18	
For Custom Built In Place, Add	64.51	
06 41 13 00-0203 EA 42" Angle End Wall Cabinet.....	365.05	20.31
For Plastic Laminate On Particle Board, Deduct	-113.56	
For Economy Grade, Deduct	-64.89	
For Premium Grade Plywood With Plastic Laminate, Deduct	-32.45	
For High Grade, Add	32.45	
For Higher Grade, Add	64.89	
For Deluxe Grade, Add	129.78	
For Custom Deluxe Grade, Add	133.84	
For Custom Built In Place, Add	85.17	
06 41 13 00-0204 EA 9" Base Cabinet.....	196.85	9.32
For Plastic Laminate On Particle Board, Deduct	-62.38	
For Economy Grade, Deduct	-35.64	
For Premium Grade Plywood With Plastic Laminate, Deduct	-17.82	
For High Grade, Add	17.82	
For Higher Grade, Add	35.64	
For Deluxe Grade, Add	71.29	
For Custom Deluxe Grade, Add	73.15	
For Custom Built In Place, Add	46.42	
06 41 13 00-0205 EA 12" Base Cabinet.....	208.10	12.66
For Plastic Laminate On Particle Board, Deduct	-63.98	
For Economy Grade, Deduct	-36.56	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.28	
For High Grade, Add	18.28	
For Higher Grade, Add	36.56	
For Deluxe Grade, Add	73.12	
For Custom Deluxe Grade, Add	75.65	
For Custom Built In Place, Add	48.23	
06 41 13 00-0206 EA 15" Base Cabinet.....	228.42	14.82
For Plastic Laminate On Particle Board, Deduct	-69.58	
For Economy Grade, Deduct	-39.76	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.88	
For High Grade, Add	19.88	
For Higher Grade, Add	39.76	
For Deluxe Grade, Add	79.52	
For Custom Deluxe Grade, Add	82.48	
For Custom Built In Place, Add	52.66	
06 41 13 00-0207 EA 18" Base Cabinet.....	241.87	16.97
For Plastic Laminate On Particle Board, Deduct	-72.78	
For Economy Grade, Deduct	-41.59	
For Premium Grade Plywood With Plastic Laminate, Deduct	-20.79	
For High Grade, Add	20.79	
For Higher Grade, Add	41.59	
For Deluxe Grade, Add	83.17	
For Custom Deluxe Grade, Add	86.57	
For Custom Built In Place, Add	55.38	
06 41 13 00-0208 EA 21" Base Cabinet.....	261.68	18.88
For Plastic Laminate On Particle Board, Deduct	-78.37	
For Economy Grade, Deduct	-44.78	
For Premium Grade Plywood With Plastic Laminate, Deduct	-22.39	
For High Grade, Add	22.39	
For Higher Grade, Add	44.78	
For Deluxe Grade, Add	89.57	
For Custom Deluxe Grade, Add	93.34	
For Custom Built In Place, Add	59.76	
06 41 13 00-0209 EA 24" Base Cabinet.....	280.91	19.35
For Plastic Laminate On Particle Board, Deduct	-84.77	
For Economy Grade, Deduct	-48.44	
For Premium Grade Plywood With Plastic Laminate, Deduct	-24.22	
For High Grade, Add	24.22	
For Higher Grade, Add	48.44	
For Deluxe Grade, Add	96.88	
For Custom Deluxe Grade, Add	100.75	
For Custom Built In Place, Add	64.42	
06 41 13 00-0210 EA 24" Base Cabinet, 2 Doors .....	299.19	19.35
For Plastic Laminate On Particle Board, Deduct	-91.17	
For Economy Grade, Deduct	-52.10	
For Premium Grade Plywood With Plastic Laminate, Deduct	-26.05	
For High Grade, Add	26.05	
For Higher Grade, Add	52.10	
For Deluxe Grade, Add	104.19	
For Custom Deluxe Grade, Add	108.06	
For Custom Built In Place, Add	68.99	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0211	EA	27" Base Cabinet.....	319.39	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-97.57	
			<i>For Economy Grade, Deduct</i>	-55.75	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.88	
			<i>For High Grade, Add</i>	27.88	
			<i>For Higher Grade, Add</i>	55.75	
			<i>For Deluxe Grade, Add</i>	111.50	
			<i>For Custom Deluxe Grade, Add</i>	115.57	
			<i>For Custom Built In Place, Add</i>	73.75	
06 41	13 00-0212	EA	30" Base Cabinet.....	336.44	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-102.36	
			<i>For Economy Grade, Deduct</i>	-58.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.25	
			<i>For High Grade, Add</i>	29.25	
			<i>For Higher Grade, Add</i>	58.49	
			<i>For Deluxe Grade, Add</i>	116.99	
			<i>For Custom Deluxe Grade, Add</i>	121.39	
			<i>For Custom Built In Place, Add</i>	77.51	
06 41	13 00-0213	EA	33" Base Cabinet.....	350.13	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-107.16	
			<i>For Economy Grade, Deduct</i>	-61.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.62	
			<i>For High Grade, Add</i>	30.62	
			<i>For Higher Grade, Add</i>	61.24	
			<i>For Deluxe Grade, Add</i>	122.47	
			<i>For Custom Deluxe Grade, Add</i>	126.87	
			<i>For Custom Built In Place, Add</i>	80.94	
06 41	13 00-0214	EA	36" Base Cabinet.....	366.69	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-111.96	
			<i>For Economy Grade, Deduct</i>	-63.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-31.99	
			<i>For High Grade, Add</i>	31.99	
			<i>For Higher Grade, Add</i>	63.98	
			<i>For Deluxe Grade, Add</i>	127.95	
			<i>For Custom Deluxe Grade, Add</i>	132.63	
			<i>For Custom Built In Place, Add</i>	84.65	
06 41	13 00-0215	EA	39" Base Cabinet.....	380.40	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-116.76	
			<i>For Economy Grade, Deduct</i>	-66.72	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-33.36	
			<i>For High Grade, Add</i>	33.36	
			<i>For Higher Grade, Add</i>	66.72	
			<i>For Deluxe Grade, Add</i>	133.44	
			<i>For Custom Deluxe Grade, Add</i>	138.12	
			<i>For Custom Built In Place, Add</i>	88.08	
06 41	13 00-0216	EA	42" Base Cabinet.....	397.45	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-121.56	
			<i>For Economy Grade, Deduct</i>	-69.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-34.73	
			<i>For High Grade, Add</i>	34.73	
			<i>For Higher Grade, Add</i>	69.46	
			<i>For Deluxe Grade, Add</i>	138.92	
			<i>For Custom Deluxe Grade, Add</i>	143.94	
			<i>For Custom Built In Place, Add</i>	91.84	
06 41	13 00-0217	EA	45" Base Cabinet.....	411.16	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-126.35	
			<i>For Economy Grade, Deduct</i>	-72.20	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-36.10	
			<i>For High Grade, Add</i>	36.10	
			<i>For Higher Grade, Add</i>	72.20	
			<i>For Deluxe Grade, Add</i>	144.40	
			<i>For Custom Deluxe Grade, Add</i>	149.42	
			<i>For Custom Built In Place, Add</i>	95.27	
06 41	13 00-0218	EA	48" Base Cabinet.....	426.04	27.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.55	
			<i>For Economy Grade, Deduct</i>	-74.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.02	
			<i>For High Grade, Add</i>	37.02	
			<i>For Higher Grade, Add</i>	74.03	
			<i>For Deluxe Grade, Add</i>	148.06	
			<i>For Custom Deluxe Grade, Add</i>	153.65	
			<i>For Custom Built In Place, Add</i>	98.13	
06 41	13 00-0219	EA	12"-4 Drawer Bases Cabinet.....	326.92	12.66
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	123.18	
			<i>For Custom Built In Place, Add</i>	77.93	





<b>Wood, Plastics, and Composites</b>		<b>06</b>
Architectural Woodwork		06 40
Architectural Wood Casework		06 41

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0220	EA	15'-4 Drawer Bases Cabinet .....	354.07	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-113.56	
			<i>For Economy Grade, Deduct</i>	-64.89	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.45	
			<i>For High Grade, Add</i>	32.45	
			<i>For Higher Grade, Add</i>	64.89	
			<i>For Deluxe Grade, Add</i>	129.78	
			<i>For Custom Deluxe Grade, Add</i>	132.74	
			<i>For Custom Built In Place, Add</i>	84.07	
06 41	13 00-0221	EA	18'-4 Drawer Bases Cabinet .....	381.21	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-121.56	
			<i>For Economy Grade, Deduct</i>	-69.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-34.73	
			<i>For High Grade, Add</i>	34.73	
			<i>For Higher Grade, Add</i>	69.46	
			<i>For Deluxe Grade, Add</i>	138.92	
			<i>For Custom Deluxe Grade, Add</i>	142.31	
			<i>For Custom Built In Place, Add</i>	90.22	
06 41	13 00-0222	EA	21'-4 Drawer Bases Cabinet .....	407.88	18.88
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.55	
			<i>For Economy Grade, Deduct</i>	-74.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.02	
			<i>For High Grade, Add</i>	37.02	
			<i>For Higher Grade, Add</i>	74.03	
			<i>For Deluxe Grade, Add</i>	148.06	
			<i>For Custom Deluxe Grade, Add</i>	151.83	
			<i>For Custom Built In Place, Add</i>	96.31	
06 41	13 00-0223	EA	24'-4 Drawer Bases Cabinet .....	408.84	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.55	
			<i>For Economy Grade, Deduct</i>	-74.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.02	
			<i>For High Grade, Add</i>	37.02	
			<i>For Higher Grade, Add</i>	74.03	
			<i>For Deluxe Grade, Add</i>	148.06	
			<i>For Custom Deluxe Grade, Add</i>	151.93	
			<i>For Custom Built In Place, Add</i>	96.41	
06 41	13 00-0224	EA	30'-4 Drawer Bases Cabinet .....	482.65	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-153.55	
			<i>For Economy Grade, Deduct</i>	-87.74	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-43.87	
			<i>For High Grade, Add</i>	43.87	
			<i>For Higher Grade, Add</i>	87.74	
			<i>For Deluxe Grade, Add</i>	175.48	
			<i>For Custom Deluxe Grade, Add</i>	179.88	
			<i>For Custom Built In Place, Add</i>	114.07	
06 41	13 00-0225	EA	33'-4 Drawer Bases Cabinet .....	505.50	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-161.54	
			<i>For Economy Grade, Deduct</i>	-92.31	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-46.16	
			<i>For High Grade, Add</i>	46.16	
			<i>For Higher Grade, Add</i>	92.31	
			<i>For Deluxe Grade, Add</i>	184.62	
			<i>For Custom Deluxe Grade, Add</i>	189.02	
			<i>For Custom Built In Place, Add</i>	119.78	
06 41	13 00-0226	EA	36'-4 Drawer Bases Cabinet .....	549.49	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-175.94	
			<i>For Economy Grade, Deduct</i>	-100.54	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-50.27	
			<i>For High Grade, Add</i>	50.27	
			<i>For Higher Grade, Add</i>	100.54	
			<i>For Deluxe Grade, Add</i>	201.07	
			<i>For Custom Deluxe Grade, Add</i>	205.75	
			<i>For Custom Built In Place, Add</i>	130.35	
06 41	13 00-0227	EA	12'-3 Drawer Bases Cabinet .....	326.92	12.66
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	123.18	
			<i>For Custom Built In Place, Add</i>	77.93	
06 41	13 00-0228	EA	15'-3 Drawer Bases Cabinet .....	354.07	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-113.56	
			<i>For Economy Grade, Deduct</i>	-64.89	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.45	
			<i>For High Grade, Add</i>	32.45	
			<i>For Higher Grade, Add</i>	64.89	
			<i>For Deluxe Grade, Add</i>	129.78	
			<i>For Custom Deluxe Grade, Add</i>	132.74	
			<i>For Custom Built In Place, Add</i>	84.07	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0229	EA		18"-3 Drawer Bases Cabinet.....	381.20	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-121.56	
			<i>For Economy Grade, Deduct</i>	-69.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-34.73	
			<i>For High Grade, Add</i>	34.73	
			<i>For Higher Grade, Add</i>	69.46	
			<i>For Deluxe Grade, Add</i>	138.92	
			<i>For Custom Deluxe Grade, Add</i>	142.31	
			<i>For Custom Built In Place, Add</i>	90.22	
06 41 13 00-0230	EA		21"-3 Drawer Bases Cabinet.....	407.89	18.88
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.55	
			<i>For Economy Grade, Deduct</i>	-74.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.02	
			<i>For High Grade, Add</i>	37.02	
			<i>For Higher Grade, Add</i>	74.03	
			<i>For Deluxe Grade, Add</i>	148.06	
			<i>For Custom Deluxe Grade, Add</i>	151.83	
			<i>For Custom Built In Place, Add</i>	96.31	
06 41 13 00-0231	EA		24"-3 Drawer Bases Cabinet.....	408.84	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.55	
			<i>For Economy Grade, Deduct</i>	-74.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.02	
			<i>For High Grade, Add</i>	37.02	
			<i>For Higher Grade, Add</i>	74.03	
			<i>For Deluxe Grade, Add</i>	148.06	
			<i>For Custom Deluxe Grade, Add</i>	151.93	
			<i>For Custom Built In Place, Add</i>	96.41	
06 41 13 00-0232	EA		30"-3 Drawer Bases Cabinet.....	482.66	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-153.55	
			<i>For Economy Grade, Deduct</i>	-87.74	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-43.87	
			<i>For High Grade, Add</i>	43.87	
			<i>For Higher Grade, Add</i>	87.74	
			<i>For Deluxe Grade, Add</i>	175.48	
			<i>For Custom Deluxe Grade, Add</i>	179.88	
			<i>For Custom Built In Place, Add</i>	114.07	
06 41 13 00-0233	EA		33"-3 Drawer Bases Cabinet.....	505.51	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-161.54	
			<i>For Economy Grade, Deduct</i>	-92.31	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-46.16	
			<i>For High Grade, Add</i>	46.16	
			<i>For Higher Grade, Add</i>	92.31	
			<i>For Deluxe Grade, Add</i>	184.62	
			<i>For Custom Deluxe Grade, Add</i>	189.02	
			<i>For Custom Built In Place, Add</i>	119.78	
06 41 13 00-0234	EA		36"-3 Drawer Bases Cabinet.....	549.50	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-175.94	
			<i>For Economy Grade, Deduct</i>	-100.54	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-50.27	
			<i>For High Grade, Add</i>	50.27	
			<i>For Higher Grade, Add</i>	100.54	
			<i>For Deluxe Grade, Add</i>	201.07	
			<i>For Custom Deluxe Grade, Add</i>	205.75	
			<i>For Custom Built In Place, Add</i>	130.35	
06 41 13 00-0235	EA		30" Pantry Drawer Bases Cabinet .....	603.76	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-195.93	
			<i>For Economy Grade, Deduct</i>	-111.96	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-55.98	
			<i>For High Grade, Add</i>	55.98	
			<i>For Higher Grade, Add</i>	111.96	
			<i>For Deluxe Grade, Add</i>	223.92	
			<i>For Custom Deluxe Grade, Add</i>	228.32	
			<i>For Custom Built In Place, Add</i>	144.35	
06 41 13 00-0236	EA		33" Pantry Drawer Bases Cabinet .....	626.61	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-203.93	
			<i>For Economy Grade, Deduct</i>	-116.53	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-58.27	
			<i>For High Grade, Add</i>	58.27	
			<i>For Higher Grade, Add</i>	116.53	
			<i>For Deluxe Grade, Add</i>	233.06	
			<i>For Custom Deluxe Grade, Add</i>	237.46	
			<i>For Custom Built In Place, Add</i>	150.06	
06 41 13 00-0237	EA		36" Pantry Drawer Bases Cabinet .....	652.32	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-211.93	
			<i>For Economy Grade, Deduct</i>	-121.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-60.55	
			<i>For High Grade, Add</i>	60.55	
			<i>For Higher Grade, Add</i>	121.10	
			<i>For Deluxe Grade, Add</i>	242.20	
			<i>For Custom Deluxe Grade, Add</i>	246.88	
			<i>For Custom Built In Place, Add</i>	156.06	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0238 EA 36" x 36" Corner Bases Cabinet L/R.....	732.29	23.41
For Plastic Laminate On Particle Board, Deduct	-239.91	
For Economy Grade, Deduct	-137.09	
For Premium Grade Plywood With Plastic Laminate, Deduct	-68.55	
For High Grade, Add	68.55	
For Higher Grade, Add	137.09	
For Deluxe Grade, Add	274.19	
For Custom Deluxe Grade, Add	278.87	
For Custom Built In Place, Add	176.05	
06 41 13 00-0239 EA 36" x 36" Corner Bases Cabinet (90).....	732.29	23.41
For Plastic Laminate On Particle Board, Deduct	-239.91	
For Economy Grade, Deduct	-137.09	
For Premium Grade Plywood With Plastic Laminate, Deduct	-68.55	
For High Grade, Add	68.55	
For Higher Grade, Add	137.09	
For Deluxe Grade, Add	274.19	
For Custom Deluxe Grade, Add	278.87	
For Custom Built In Place, Add	176.05	
06 41 13 00-0240 EA 42" x 42" Corner Bases Cabinet (90).....	827.02	25.09
For Plastic Laminate On Particle Board, Deduct	-271.90	
For Economy Grade, Deduct	-155.37	
For Premium Grade Plywood With Plastic Laminate, Deduct	-77.69	
For High Grade, Add	77.69	
For Higher Grade, Add	155.37	
For Deluxe Grade, Add	310.74	
For Custom Deluxe Grade, Add	315.76	
For Custom Built In Place, Add	199.23	
06 41 13 00-0241 EA 36" x 27" Reverse Blind Corner Base.....	330.15	23.41
For Plastic Laminate On Particle Board, Deduct	-99.17	
For Economy Grade, Deduct	-56.67	
For Premium Grade Plywood With Plastic Laminate, Deduct	-28.33	
For High Grade, Add	28.33	
For Higher Grade, Add	56.67	
For Deluxe Grade, Add	113.33	
For Custom Deluxe Grade, Add	118.01	
For Custom Built In Place, Add	75.51	
06 41 13 00-0242 EA 39" x 33" Reverse Blind Corner Base.....	339.29	23.41
For Plastic Laminate On Particle Board, Deduct	-102.36	
For Economy Grade, Deduct	-58.49	
For Premium Grade Plywood With Plastic Laminate, Deduct	-29.25	
For High Grade, Add	29.25	
For Higher Grade, Add	58.49	
For Deluxe Grade, Add	116.99	
For Custom Deluxe Grade, Add	121.67	
For Custom Built In Place, Add	77.80	
06 41 13 00-0243 EA 42" x 39" Reverse Blind Corner Base.....	351.77	25.09
For Plastic Laminate On Particle Board, Deduct	-105.56	
For Economy Grade, Deduct	-60.32	
For Premium Grade Plywood With Plastic Laminate, Deduct	-30.16	
For High Grade, Add	30.16	
For Higher Grade, Add	60.32	
For Deluxe Grade, Add	120.64	
For Custom Deluxe Grade, Add	125.66	
For Custom Built In Place, Add	80.42	
06 41 13 00-0244 EA 45" x 45" Reverse Blind Corner Base.....	365.48	25.09
For Plastic Laminate On Particle Board, Deduct	-110.36	
For Economy Grade, Deduct	-63.06	
For Premium Grade Plywood With Plastic Laminate, Deduct	-31.53	
For High Grade, Add	31.53	
For Higher Grade, Add	63.06	
For Deluxe Grade, Add	126.13	
For Custom Deluxe Grade, Add	131.14	
For Custom Built In Place, Add	83.85	
06 41 13 00-0245 EA 36" Blind Corner Base Cabinet L/R.....	293.59	23.41
For Plastic Laminate On Particle Board, Deduct	-86.37	
For Economy Grade, Deduct	-49.35	
For Premium Grade Plywood With Plastic Laminate, Deduct	-24.68	
For High Grade, Add	24.68	
For Higher Grade, Add	49.35	
For Deluxe Grade, Add	98.71	
For Custom Deluxe Grade, Add	103.39	
For Custom Built In Place, Add	66.37	
06 41 13 00-0246 EA 42" Blind Corner Base Cabinet L/R.....	324.35	25.09
For Plastic Laminate On Particle Board, Deduct	-95.97	
For Economy Grade, Deduct	-54.84	
For Premium Grade Plywood With Plastic Laminate, Deduct	-27.42	
For High Grade, Add	27.42	
For Higher Grade, Add	54.84	
For Deluxe Grade, Add	109.68	
For Custom Deluxe Grade, Add	114.69	
For Custom Built In Place, Add	73.56	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0247	EA		48" Blind Corner Base Cabinet L/R.....	357.50	27.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	126.23	
			<i>For Custom Built In Place, Add</i>	80.99	
06 41 13 00-0248	EA		54" Blind Corner Base Cabinet L/R.....	390.56	29.63
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-115.96	
			<i>For Economy Grade, Deduct</i>	-66.26	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-33.13	
			<i>For High Grade, Add</i>	33.13	
			<i>For Higher Grade, Add</i>	66.26	
			<i>For Deluxe Grade, Add</i>	132.52	
			<i>For Custom Deluxe Grade, Add</i>	138.45	
			<i>For Custom Built In Place, Add</i>	88.75	
06 41 13 00-0249	EA		60" Blind Corner Base Cabinet L/R.....	449.22	31.55
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-135.15	
			<i>For Economy Grade, Deduct</i>	-77.23	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-38.62	
			<i>For High Grade, Add</i>	38.62	
			<i>For Higher Grade, Add</i>	77.23	
			<i>For Deluxe Grade, Add</i>	154.46	
			<i>For Custom Deluxe Grade, Add</i>	160.77	
			<i>For Custom Built In Place, Add</i>	102.84	
06 41 13 00-0250	EA		24" Roll Out Shelf Base Cabinet.....	445.40	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-142.35	
			<i>For Economy Grade, Deduct</i>	-81.34	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-40.67	
			<i>For High Grade, Add</i>	40.67	
			<i>For Higher Grade, Add</i>	81.34	
			<i>For Deluxe Grade, Add</i>	162.68	
			<i>For Custom Deluxe Grade, Add</i>	166.55	
			<i>For Custom Built In Place, Add</i>	105.55	
06 41 13 00-0251	EA		30" Roll Out Shelf Base Cabinet.....	500.94	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-159.94	
			<i>For Economy Grade, Deduct</i>	-91.40	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-45.70	
			<i>For High Grade, Add</i>	45.70	
			<i>For Higher Grade, Add</i>	91.40	
			<i>For Deluxe Grade, Add</i>	182.79	
			<i>For Custom Deluxe Grade, Add</i>	187.19	
			<i>For Custom Built In Place, Add</i>	118.64	
06 41 13 00-0252	EA		33" Roll Out Shelf Base Cabinet.....	514.65	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-164.74	
			<i>For Economy Grade, Deduct</i>	-94.14	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-47.07	
			<i>For High Grade, Add</i>	47.07	
			<i>For Higher Grade, Add</i>	94.14	
			<i>For Deluxe Grade, Add</i>	188.28	
			<i>For Custom Deluxe Grade, Add</i>	192.67	
			<i>For Custom Built In Place, Add</i>	122.07	
06 41 13 00-0253	EA		36" Roll Out Shelf Base Cabinet.....	531.22	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-169.54	
			<i>For Economy Grade, Deduct</i>	-96.88	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-48.44	
			<i>For High Grade, Add</i>	48.44	
			<i>For Higher Grade, Add</i>	96.88	
			<i>For Deluxe Grade, Add</i>	193.76	
			<i>For Custom Deluxe Grade, Add</i>	198.44	
			<i>For Custom Built In Place, Add</i>	125.78	
06 41 13 00-0254	EA		24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel.....	248.90	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-73.57	
			<i>For Economy Grade, Deduct</i>	-42.04	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.02	
			<i>For High Grade, Add</i>	21.02	
			<i>For Higher Grade, Add</i>	42.04	
			<i>For Deluxe Grade, Add</i>	84.08	
			<i>For Custom Deluxe Grade, Add</i>	87.95	
			<i>For Custom Built In Place, Add</i>	56.42	
06 41 13 00-0255	EA		24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	253.47	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-75.17	
			<i>For Economy Grade, Deduct</i>	-42.96	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.48	
			<i>For High Grade, Add</i>	21.48	
			<i>For Higher Grade, Add</i>	42.96	
			<i>For Deluxe Grade, Add</i>	85.91	
			<i>For Custom Deluxe Grade, Add</i>	89.78	
			<i>For Custom Built In Place, Add</i>	57.56	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0256	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	259.96	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-76.77	
			<i>For Economy Grade, Deduct</i>	-43.87	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.94	
			<i>For High Grade, Add</i>	21.94	
			<i>For Higher Grade, Add</i>	43.87	
			<i>For Deluxe Grade, Add</i>	87.74	
			<i>For Custom Deluxe Grade, Add</i>	91.80	
			<i>For Custom Built In Place, Add</i>	58.90	
06 41	13 00-0257	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	272.45	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-79.97	
			<i>For Economy Grade, Deduct</i>	-45.70	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.85	
			<i>For High Grade, Add</i>	22.85	
			<i>For Higher Grade, Add</i>	45.70	
			<i>For Deluxe Grade, Add</i>	91.40	
			<i>For Custom Deluxe Grade, Add</i>	95.79	
			<i>For Custom Built In Place, Add</i>	61.52	
06 41	13 00-0258	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	281.59	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-83.17	
			<i>For Economy Grade, Deduct</i>	-47.53	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.76	
			<i>For High Grade, Add</i>	23.76	
			<i>For Higher Grade, Add</i>	47.53	
			<i>For Deluxe Grade, Add</i>	95.05	
			<i>For Custom Deluxe Grade, Add</i>	99.45	
			<i>For Custom Built In Place, Add</i>	63.80	
06 41	13 00-0259	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	293.59	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-86.37	
			<i>For Economy Grade, Deduct</i>	-49.35	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.68	
			<i>For High Grade, Add</i>	24.68	
			<i>For Higher Grade, Add</i>	49.35	
			<i>For Deluxe Grade, Add</i>	98.71	
			<i>For Custom Deluxe Grade, Add</i>	103.39	
			<i>For Custom Built In Place, Add</i>	66.37	
06 41	13 00-0260	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	307.30	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-91.17	
			<i>For Economy Grade, Deduct</i>	-52.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.05	
			<i>For High Grade, Add</i>	26.05	
			<i>For Higher Grade, Add</i>	52.10	
			<i>For Deluxe Grade, Add</i>	104.19	
			<i>For Custom Deluxe Grade, Add</i>	108.87	
			<i>For Custom Built In Place, Add</i>	69.80	
06 41	13 00-0261	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	324.35	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-95.97	
			<i>For Economy Grade, Deduct</i>	-54.84	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.42	
			<i>For High Grade, Add</i>	27.42	
			<i>For Higher Grade, Add</i>	54.84	
			<i>For Deluxe Grade, Add</i>	109.68	
			<i>For Custom Deluxe Grade, Add</i>	114.69	
			<i>For Custom Built In Place, Add</i>	73.56	
06 41	13 00-0262	EA	45" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	338.06	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-100.77	
			<i>For Economy Grade, Deduct</i>	-57.58	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.79	
			<i>For High Grade, Add</i>	28.79	
			<i>For Higher Grade, Add</i>	57.58	
			<i>For Deluxe Grade, Add</i>	115.16	
			<i>For Custom Deluxe Grade, Add</i>	120.18	
			<i>For Custom Built In Place, Add</i>	76.99	
06 41	13 00-0263	EA	48" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	357.50	27.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.56	
			<i>For Economy Grade, Deduct</i>	-60.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.16	
			<i>For High Grade, Add</i>	30.16	
			<i>For Higher Grade, Add</i>	60.32	
			<i>For Deluxe Grade, Add</i>	120.64	
			<i>For Custom Deluxe Grade, Add</i>	126.23	
			<i>For Custom Built In Place, Add</i>	80.99	
06 41	13 00-0264	EA	12" Base Cabinet (Full Height Doors)	208.10	12.66
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-63.98	
			<i>For Economy Grade, Deduct</i>	-36.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.28	
			<i>For High Grade, Add</i>	18.28	
			<i>For Higher Grade, Add</i>	36.56	
			<i>For Deluxe Grade, Add</i>	73.12	
			<i>For Custom Deluxe Grade, Add</i>	75.65	
			<i>For Custom Built In Place, Add</i>	48.23	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0265	EA		15" Base Cabinet (Full Height Doors) .....	228.43	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-69.58	
			<i>For Economy Grade, Deduct</i>	-39.76	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.88	
			<i>For High Grade, Add</i>	19.88	
			<i>For Higher Grade, Add</i>	39.76	
			<i>For Deluxe Grade, Add</i>	79.52	
			<i>For Custom Deluxe Grade, Add</i>	82.48	
			<i>For Custom Built In Place, Add</i>	52.66	
06 41 13 00-0266	EA		18" Base Cabinet (Full Height Doors) .....	241.86	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-72.78	
			<i>For Economy Grade, Deduct</i>	-41.59	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.79	
			<i>For High Grade, Add</i>	20.79	
			<i>For Higher Grade, Add</i>	41.59	
			<i>For Deluxe Grade, Add</i>	83.17	
			<i>For Custom Deluxe Grade, Add</i>	86.57	
			<i>For Custom Built In Place, Add</i>	55.38	
06 41 13 00-0267	EA		21" Base Cabinet (Full Height Doors) .....	261.69	18.88
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.37	
			<i>For Economy Grade, Deduct</i>	-44.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.39	
			<i>For High Grade, Add</i>	22.39	
			<i>For Higher Grade, Add</i>	44.78	
			<i>For Deluxe Grade, Add</i>	89.57	
			<i>For Custom Deluxe Grade, Add</i>	93.35	
			<i>For Custom Built In Place, Add</i>	59.76	
06 41 13 00-0268	EA		24" Base Cabinet (Full Height Doors) .....	280.92	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-84.77	
			<i>For Economy Grade, Deduct</i>	-48.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.22	
			<i>For High Grade, Add</i>	24.22	
			<i>For Higher Grade, Add</i>	48.44	
			<i>For Deluxe Grade, Add</i>	96.88	
			<i>For Custom Deluxe Grade, Add</i>	100.75	
			<i>For Custom Built In Place, Add</i>	64.42	
06 41 13 00-0269	EA		24" Base Cabinet, 2 Doors (Full Height Doors) .....	299.20	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-91.17	
			<i>For Economy Grade, Deduct</i>	-52.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.05	
			<i>For High Grade, Add</i>	26.05	
			<i>For Higher Grade, Add</i>	52.10	
			<i>For Deluxe Grade, Add</i>	104.19	
			<i>For Custom Deluxe Grade, Add</i>	108.06	
			<i>For Custom Built In Place, Add</i>	68.99	
06 41 13 00-0270	EA		27" Base Cabinet (Full Height Doors) .....	319.37	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-97.57	
			<i>For Economy Grade, Deduct</i>	-55.75	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.88	
			<i>For High Grade, Add</i>	27.88	
			<i>For Higher Grade, Add</i>	55.75	
			<i>For Deluxe Grade, Add</i>	111.50	
			<i>For Custom Deluxe Grade, Add</i>	115.57	
			<i>For Custom Built In Place, Add</i>	73.75	
06 41 13 00-0271	EA		30" Base Cabinet (Full Height Doors) .....	336.43	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-102.36	
			<i>For Economy Grade, Deduct</i>	-58.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.25	
			<i>For High Grade, Add</i>	29.25	
			<i>For Higher Grade, Add</i>	58.49	
			<i>For Deluxe Grade, Add</i>	116.99	
			<i>For Custom Deluxe Grade, Add</i>	121.38	
			<i>For Custom Built In Place, Add</i>	77.51	
06 41 13 00-0272	EA		33" Base Cabinet (Full Height Doors) .....	350.14	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-107.16	
			<i>For Economy Grade, Deduct</i>	-61.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.62	
			<i>For High Grade, Add</i>	30.62	
			<i>For Higher Grade, Add</i>	61.24	
			<i>For Deluxe Grade, Add</i>	122.47	
			<i>For Custom Deluxe Grade, Add</i>	126.87	
			<i>For Custom Built In Place, Add</i>	80.94	
06 41 13 00-0273	EA		36" Base Cabinet (Full Height Doors) .....	366.70	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-111.96	
			<i>For Economy Grade, Deduct</i>	-63.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-31.99	
			<i>For High Grade, Add</i>	31.99	
			<i>For Higher Grade, Add</i>	63.98	
			<i>For Deluxe Grade, Add</i>	127.95	
			<i>For Custom Deluxe Grade, Add</i>	132.63	
			<i>For Custom Built In Place, Add</i>	84.65	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0274 EA 39" Base Cabinet (Full Height Doors) .....	380.41	23.41
For Plastic Laminate On Particle Board, Deduct	-116.76	
For Economy Grade, Deduct	-66.72	
For Premium Grade Plywood With Plastic Laminate, Deduct	-33.36	
For High Grade, Add	33.36	
For Higher Grade, Add	66.72	
For Deluxe Grade, Add	133.44	
For Custom Deluxe Grade, Add	138.12	
For Custom Built In Place, Add	88.08	
06 41 13 00-0275 EA 42" Base Cabinet (Full Height Doors) .....	397.46	25.09
For Plastic Laminate On Particle Board, Deduct	-121.56	
For Economy Grade, Deduct	-69.46	
For Premium Grade Plywood With Plastic Laminate, Deduct	-34.73	
For High Grade, Add	34.73	
For Higher Grade, Add	69.46	
For Deluxe Grade, Add	138.92	
For Custom Deluxe Grade, Add	143.94	
For Custom Built In Place, Add	91.84	
06 41 13 00-0276 EA 48" Base Cabinet (Full Height Doors) .....	426.03	27.96
For Plastic Laminate On Particle Board, Deduct	-129.55	
For Economy Grade, Deduct	-74.03	
For Premium Grade Plywood With Plastic Laminate, Deduct	-37.02	
For High Grade, Add	37.02	
For Higher Grade, Add	74.03	
For Deluxe Grade, Add	148.06	
For Custom Deluxe Grade, Add	153.65	
For Custom Built In Place, Add	98.13	
06 41 13 00-0277 EA 36" Lazy Susan Base Cabinet .....	503.79	23.41
For Plastic Laminate On Particle Board, Deduct	-159.94	
For Economy Grade, Deduct	-91.40	
For Premium Grade Plywood With Plastic Laminate, Deduct	-45.70	
For High Grade, Add	45.70	
For Higher Grade, Add	91.40	
For Deluxe Grade, Add	182.79	
For Custom Deluxe Grade, Add	187.47	
For Custom Built In Place, Add	118.93	
06 41 13 00-0278 EA 27" Island Base Corner Cabinet .....	374.19	20.31
For Plastic Laminate On Particle Board, Deduct	-116.76	
For Economy Grade, Deduct	-66.72	
For Premium Grade Plywood With Plastic Laminate, Deduct	-33.36	
For High Grade, Add	33.36	
For Higher Grade, Add	66.72	
For Deluxe Grade, Add	133.44	
For Custom Deluxe Grade, Add	137.50	
For Custom Built In Place, Add	87.46	
06 41 13 00-0279 EA 18" Sink Fronts .....	157.29	16.97
For Plastic Laminate On Particle Board, Deduct	-43.18	
For Economy Grade, Deduct	-24.68	
For Premium Grade Plywood With Plastic Laminate, Deduct	-12.34	
For High Grade, Add	12.34	
For Higher Grade, Add	24.68	
For Deluxe Grade, Add	49.35	
For Custom Deluxe Grade, Add	52.74	
For Custom Built In Place, Add	34.24	
06 41 13 00-0280 EA 24" Sink Fronts .....	175.78	19.35
For Plastic Laminate On Particle Board, Deduct	-47.98	
For Economy Grade, Deduct	-27.42	
For Premium Grade Plywood With Plastic Laminate, Deduct	-13.71	
For High Grade, Add	13.71	
For Higher Grade, Add	27.42	
For Deluxe Grade, Add	54.84	
For Custom Deluxe Grade, Add	58.71	
For Custom Built In Place, Add	38.14	
06 41 13 00-0281 EA 30" Sink Fronts .....	194.75	21.99
For Plastic Laminate On Particle Board, Deduct	-52.78	
For Economy Grade, Deduct	-30.16	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.08	
For High Grade, Add	15.08	
For Higher Grade, Add	30.16	
For Deluxe Grade, Add	60.32	
For Custom Deluxe Grade, Add	64.72	
For Custom Built In Place, Add	42.10	
06 41 13 00-0282 EA 42" Sink Fronts .....	237.51	25.09
For Plastic Laminate On Particle Board, Deduct	-65.58	
For Economy Grade, Deduct	-37.47	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
For High Grade, Add	18.74	
For Higher Grade, Add	37.47	
For Deluxe Grade, Add	74.94	
For Custom Deluxe Grade, Add	79.96	
For Custom Built In Place, Add	51.86	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0283	EA	48" Sink Fronts .....	275.23	27.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-76.77	
			<i>For Economy Grade, Deduct</i>	-43.87	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.94	
			<i>For High Grade, Add</i>	21.94	
			<i>For Higher Grade, Add</i>	43.87	
			<i>For Deluxe Grade, Add</i>	87.74	
			<i>For Custom Deluxe Grade, Add</i>	93.33	
			<i>For Custom Built In Place, Add</i>	60.43	
06 41	13 00-0284	EA	36" x 36" Diagonal Sink Fronts .....	183.91	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-47.98	
			<i>For Economy Grade, Deduct</i>	-27.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.71	
			<i>For High Grade, Add</i>	13.71	
			<i>For Higher Grade, Add</i>	27.42	
			<i>For Deluxe Grade, Add</i>	54.84	
			<i>For Custom Deluxe Grade, Add</i>	59.52	
			<i>For Custom Built In Place, Add</i>	38.95	
06 41	13 00-0285	EA	39" x 39" Diagonal Sink Fronts .....	197.62	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-52.78	
			<i>For Economy Grade, Deduct</i>	-30.16	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.08	
			<i>For High Grade, Add</i>	15.08	
			<i>For Higher Grade, Add</i>	30.16	
			<i>For Deluxe Grade, Add</i>	60.32	
			<i>For Custom Deluxe Grade, Add</i>	65.00	
			<i>For Custom Built In Place, Add</i>	42.38	
06 41	13 00-0286	EA	42" x 42" Diagonal Sink Fronts .....	214.67	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-57.58	
			<i>For Economy Grade, Deduct</i>	-32.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.45	
			<i>For High Grade, Add</i>	16.45	
			<i>For Higher Grade, Add</i>	32.90	
			<i>For Deluxe Grade, Add</i>	65.80	
			<i>For Custom Deluxe Grade, Add</i>	70.82	
			<i>For Custom Built In Place, Add</i>	46.14	
06 41	13 00-0287	EA	12" x 24" x 84" Broom Cabinet.....	482.29	12.66
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-159.94	
			<i>For Economy Grade, Deduct</i>	-91.40	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-45.70	
			<i>For High Grade, Add</i>	45.70	
			<i>For Higher Grade, Add</i>	91.40	
			<i>For Deluxe Grade, Add</i>	182.79	
			<i>For Custom Deluxe Grade, Add</i>	185.32	
			<i>For Custom Built In Place, Add</i>	116.78	
06 41	13 00-0288	EA	15" x 24" x 84" Broom Cabinet.....	497.65	15.77
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-163.14	
			<i>For Economy Grade, Deduct</i>	-93.22	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-46.61	
			<i>For High Grade, Add</i>	46.61	
			<i>For Higher Grade, Add</i>	93.22	
			<i>For Deluxe Grade, Add</i>	186.45	
			<i>For Custom Deluxe Grade, Add</i>	189.60	
			<i>For Custom Built In Place, Add</i>	119.68	
06 41	13 00-0289	EA	18" x 24" x 84" Broom Cabinet.....	504.88	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-166.34	
			<i>For Economy Grade, Deduct</i>	-95.05	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-47.53	
			<i>For High Grade, Add</i>	47.53	
			<i>For Higher Grade, Add</i>	95.05	
			<i>For Deluxe Grade, Add</i>	190.10	
			<i>For Custom Deluxe Grade, Add</i>	193.07	
			<i>For Custom Built In Place, Add</i>	121.78	
06 41	13 00-0290	EA	24" x 24" x 84" Broom Cabinet.....	573.35	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-187.13	
			<i>For Economy Grade, Deduct</i>	-106.93	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-53.47	
			<i>For High Grade, Add</i>	53.47	
			<i>For Higher Grade, Add</i>	106.93	
			<i>For Deluxe Grade, Add</i>	213.86	
			<i>For Custom Deluxe Grade, Add</i>	217.73	
			<i>For Custom Built In Place, Add</i>	137.53	
06 41	13 00-0291	EA	27" x 24" x 84" Broom Cabinet.....	627.80	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-205.53	
			<i>For Economy Grade, Deduct</i>	-117.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-58.72	
			<i>For High Grade, Add</i>	58.72	
			<i>For Higher Grade, Add</i>	117.44	
			<i>For Deluxe Grade, Add</i>	234.89	
			<i>For Custom Deluxe Grade, Add</i>	238.95	
			<i>For Custom Built In Place, Add</i>	150.86	





<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0292 EA 30" x 24" x 84" Broom Cabinet.....	638.00	21.99
For Plastic Laminate On Particle Board, Deduct	-207.92	
For Economy Grade, Deduct	-118.81	
For Premium Grade Plywood With Plastic Laminate, Deduct	-59.41	
For High Grade, Add	59.41	
For Higher Grade, Add	118.81	
For Deluxe Grade, Add	237.63	
For Custom Deluxe Grade, Add	242.02	
For Custom Built In Place, Add	152.91	
06 41 13 00-0293 EA 33" x 24" x 84" Broom Cabinet.....	752.25	21.99
For Plastic Laminate On Particle Board, Deduct	-247.91	
For Economy Grade, Deduct	-141.66	
For Premium Grade Plywood With Plastic Laminate, Deduct	-70.83	
For High Grade, Add	70.83	
For Higher Grade, Add	141.66	
For Deluxe Grade, Add	283.33	
For Custom Deluxe Grade, Add	287.72	
For Custom Built In Place, Add	181.47	
06 41 13 00-0294 EA 36" x 24" x 84" Broom Cabinet.....	814.54	23.41
For Plastic Laminate On Particle Board, Deduct	-268.70	
For Economy Grade, Deduct	-153.54	
For Premium Grade Plywood With Plastic Laminate, Deduct	-76.77	
For High Grade, Add	76.77	
For Higher Grade, Add	153.54	
For Deluxe Grade, Add	307.09	
For Custom Deluxe Grade, Add	311.77	
For Custom Built In Place, Add	196.61	
06 41 13 00-0295 EA 12" x 12" x 84" Broom Cabinet.....	436.59	12.66
For Plastic Laminate On Particle Board, Deduct	-143.95	
For Economy Grade, Deduct	-82.26	
For Premium Grade Plywood With Plastic Laminate, Deduct	-41.13	
For High Grade, Add	41.13	
For Higher Grade, Add	82.26	
For Deluxe Grade, Add	164.51	
For Custom Deluxe Grade, Add	167.04	
For Custom Built In Place, Add	105.35	
06 41 13 00-0296 EA 15" x 12" x 84" Broom Cabinet.....	451.95	15.77
For Plastic Laminate On Particle Board, Deduct	-147.15	
For Economy Grade, Deduct	-84.08	
For Premium Grade Plywood With Plastic Laminate, Deduct	-42.04	
For High Grade, Add	42.04	
For Higher Grade, Add	84.08	
For Deluxe Grade, Add	168.17	
For Custom Deluxe Grade, Add	171.32	
For Custom Built In Place, Add	108.26	
06 41 13 00-0297 EA 18" x 12" x 84" Broom Cabinet.....	459.18	14.82
For Plastic Laminate On Particle Board, Deduct	-150.35	
For Economy Grade, Deduct	-85.91	
For Premium Grade Plywood With Plastic Laminate, Deduct	-42.96	
For High Grade, Add	42.96	
For Higher Grade, Add	85.91	
For Deluxe Grade, Add	171.82	
For Custom Deluxe Grade, Add	174.79	
For Custom Built In Place, Add	110.35	
06 41 13 00-0298 EA 24" x 12" x 84" Broom Cabinet.....	527.66	19.35
For Plastic Laminate On Particle Board, Deduct	-171.14	
For Economy Grade, Deduct	-97.79	
For Premium Grade Plywood With Plastic Laminate, Deduct	-48.90	
For High Grade, Add	48.90	
For Higher Grade, Add	97.79	
For Deluxe Grade, Add	195.59	
For Custom Deluxe Grade, Add	199.46	
For Custom Built In Place, Add	126.11	
06 41 13 00-0299 EA 27" x 12" x 84" Broom Cabinet.....	582.10	20.31
For Plastic Laminate On Particle Board, Deduct	-189.53	
For Economy Grade, Deduct	-108.30	
For Premium Grade Plywood With Plastic Laminate, Deduct	-54.15	
For High Grade, Add	54.15	
For Higher Grade, Add	108.30	
For Deluxe Grade, Add	216.61	
For Custom Deluxe Grade, Add	220.67	
For Custom Built In Place, Add	139.44	
06 41 13 00-0300 EA 30" x 12" x 84" Broom Cabinet.....	592.30	21.99
For Plastic Laminate On Particle Board, Deduct	-191.93	
For Economy Grade, Deduct	-109.67	
For Premium Grade Plywood With Plastic Laminate, Deduct	-54.84	
For High Grade, Add	54.84	
For Higher Grade, Add	109.67	
For Deluxe Grade, Add	219.35	
For Custom Deluxe Grade, Add	223.74	
For Custom Built In Place, Add	141.49	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0301	EA		33" x 12" x 84" Broom Cabinet.....	706.55	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-231.92	
			<i>For Economy Grade, Deduct</i>	-132.52	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-66.26	
			<i>For High Grade, Add</i>	66.26	
			<i>For Higher Grade, Add</i>	132.52	
			<i>For Deluxe Grade, Add</i>	265.05	
			<i>For Custom Deluxe Grade, Add</i>	269.44	
			<i>For Custom Built In Place, Add</i>	170.05	
06 41 13 00-0302	EA		36" x 12" x 84" Broom Cabinet.....	768.85	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-252.71	
			<i>For Economy Grade, Deduct</i>	-144.41	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-72.20	
			<i>For High Grade, Add</i>	72.20	
			<i>For Higher Grade, Add</i>	144.41	
			<i>For Deluxe Grade, Add</i>	288.81	
			<i>For Custom Deluxe Grade, Add</i>	293.49	
			<i>For Custom Built In Place, Add</i>	185.19	
06 41 13 00-0303	EA		27" x 24" x 84" Oven / Microwave Cabinet.....	726.08	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-239.91	
			<i>For Economy Grade, Deduct</i>	-137.09	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-68.55	
			<i>For High Grade, Add</i>	68.55	
			<i>For Higher Grade, Add</i>	137.09	
			<i>For Deluxe Grade, Add</i>	274.19	
			<i>For Custom Deluxe Grade, Add</i>	278.25	
			<i>For Custom Built In Place, Add</i>	175.43	
06 41 13 00-0304	EA		30" x 24" x 84" Oven / Microwave Cabinet.....	775.13	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-255.91	
			<i>For Economy Grade, Deduct</i>	-146.23	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-73.12	
			<i>For High Grade, Add</i>	73.12	
			<i>For Higher Grade, Add</i>	146.23	
			<i>For Deluxe Grade, Add</i>	292.47	
			<i>For Custom Deluxe Grade, Add</i>	296.86	
			<i>For Custom Built In Place, Add</i>	187.19	
06 41 13 00-0305	EA		33" x 24" x 84" Oven / Microwave Cabinet.....	820.82	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-271.90	
			<i>For Economy Grade, Deduct</i>	-155.37	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-77.69	
			<i>For High Grade, Add</i>	77.69	
			<i>For Higher Grade, Add</i>	155.37	
			<i>For Deluxe Grade, Add</i>	310.74	
			<i>For Custom Deluxe Grade, Add</i>	315.14	
			<i>For Custom Built In Place, Add</i>	198.61	
06 41 13 00-0306	EA		27" x 24" x 84" Universal Oven Cabinet.....	726.08	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-239.91	
			<i>For Economy Grade, Deduct</i>	-137.09	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-68.55	
			<i>For High Grade, Add</i>	68.55	
			<i>For Higher Grade, Add</i>	137.09	
			<i>For Deluxe Grade, Add</i>	274.19	
			<i>For Custom Deluxe Grade, Add</i>	278.25	
			<i>For Custom Built In Place, Add</i>	175.43	
06 41 13 00-0307	EA		30" x 24" x 84" Universal Oven Cabinet.....	775.13	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-255.91	
			<i>For Economy Grade, Deduct</i>	-146.23	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-73.12	
			<i>For High Grade, Add</i>	73.12	
			<i>For Higher Grade, Add</i>	146.23	
			<i>For Deluxe Grade, Add</i>	292.47	
			<i>For Custom Deluxe Grade, Add</i>	296.86	
			<i>For Custom Built In Place, Add</i>	187.19	
06 41 13 00-0308	EA		33" x 24" x 84" Universal Oven Cabinet.....	820.82	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-271.90	
			<i>For Economy Grade, Deduct</i>	-155.37	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-77.69	
			<i>For High Grade, Add</i>	77.69	
			<i>For Higher Grade, Add</i>	155.37	
			<i>For Deluxe Grade, Add</i>	310.74	
			<i>For Custom Deluxe Grade, Add</i>	315.14	
			<i>For Custom Built In Place, Add</i>	198.61	
06 41 13 00-0309	EA		27" x 24" x 84" Double Oven Cabinet .....	726.08	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-239.91	
			<i>For Economy Grade, Deduct</i>	-137.09	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-68.55	
			<i>For High Grade, Add</i>	68.55	
			<i>For Higher Grade, Add</i>	137.09	
			<i>For Deluxe Grade, Add</i>	274.19	
			<i>For Custom Deluxe Grade, Add</i>	278.25	
			<i>For Custom Built In Place, Add</i>	175.43	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0310 EA 30" x 24" x 84" Double Oven Cabinet .....	775.13	21.99
For Plastic Laminate On Particle Board, Deduct	-255.91	
For Economy Grade, Deduct	-146.23	
For Premium Grade Plywood With Plastic Laminate, Deduct	-73.12	
For High Grade, Add	73.12	
For Higher Grade, Add	146.23	
For Deluxe Grade, Add	292.47	
For Custom Deluxe Grade, Add	296.86	
For Custom Built In Place, Add	187.19	
06 41 13 00-0311 EA 33" x 24" x 84" Double Oven Cabinet .....	820.82	21.99
For Plastic Laminate On Particle Board, Deduct	-271.90	
For Economy Grade, Deduct	-155.37	
For Premium Grade Plywood With Plastic Laminate, Deduct	-77.69	
For High Grade, Add	77.69	
For Higher Grade, Add	155.37	
For Deluxe Grade, Add	310.74	
For Custom Deluxe Grade, Add	315.14	
For Custom Built In Place, Add	198.61	
06 41 13 00-0312 EA 30" x 12" x 48" Library Cabinet .....	512.90	27.96
For Plastic Laminate On Particle Board, Deduct	-159.94	
For Economy Grade, Deduct	-91.40	
For Premium Grade Plywood With Plastic Laminate, Deduct	-45.70	
For High Grade, Add	45.70	
For Higher Grade, Add	91.40	
For Deluxe Grade, Add	182.79	
For Custom Deluxe Grade, Add	188.38	
For Custom Built In Place, Add	119.84	
06 41 13 00-0313 EA 30" x 12" x 54" Library Cabinet .....	591.65	29.63
For Plastic Laminate On Particle Board, Deduct	-186.33	
For Economy Grade, Deduct	-106.48	
For Premium Grade Plywood With Plastic Laminate, Deduct	-53.24	
For High Grade, Add	53.24	
For Higher Grade, Add	106.48	
For Deluxe Grade, Add	212.95	
For Custom Deluxe Grade, Add	218.88	
For Custom Built In Place, Add	139.02	
06 41 13 00-0314 EA 30" x 12" x 60" Library Cabinet .....	668.59	31.55
For Plastic Laminate On Particle Board, Deduct	-211.93	
For Economy Grade, Deduct	-121.10	
For Premium Grade Plywood With Plastic Laminate, Deduct	-60.55	
For High Grade, Add	60.55	
For Higher Grade, Add	121.10	
For Deluxe Grade, Add	242.20	
For Custom Deluxe Grade, Add	248.51	
For Custom Built In Place, Add	157.68	
06 41 13 00-0315 EA 30" x 12" x 66" Library Cabinet .....	749.99	32.26
For Plastic Laminate On Particle Board, Deduct	-239.91	
For Economy Grade, Deduct	-137.09	
For Premium Grade Plywood With Plastic Laminate, Deduct	-68.55	
For High Grade, Add	68.55	
For Higher Grade, Add	137.09	
For Deluxe Grade, Add	274.19	
For Custom Deluxe Grade, Add	280.64	
For Custom Built In Place, Add	177.82	
06 41 13 00-0316 EA 30" x 12" x 48" Library Cabinet - C .....	581.48	27.96
For Plastic Laminate On Particle Board, Deduct	-183.94	
For Economy Grade, Deduct	-105.11	
For Premium Grade Plywood With Plastic Laminate, Deduct	-52.55	
For High Grade, Add	52.55	
For Higher Grade, Add	105.11	
For Deluxe Grade, Add	210.21	
For Custom Deluxe Grade, Add	215.81	
For Custom Built In Place, Add	136.98	
06 41 13 00-0317 EA 30" x 12" x 54" Library Cabinet - C .....	664.77	29.63
For Plastic Laminate On Particle Board, Deduct	-211.93	
For Economy Grade, Deduct	-121.10	
For Premium Grade Plywood With Plastic Laminate, Deduct	-60.55	
For High Grade, Add	60.55	
For Higher Grade, Add	121.10	
For Deluxe Grade, Add	242.20	
For Custom Deluxe Grade, Add	248.13	
For Custom Built In Place, Add	157.30	
06 41 13 00-0318 EA 30" x 12" x 60" Library Cabinet - C .....	748.56	31.55
For Plastic Laminate On Particle Board, Deduct	-239.91	
For Economy Grade, Deduct	-137.09	
For Premium Grade Plywood With Plastic Laminate, Deduct	-68.55	
For High Grade, Add	68.55	
For Higher Grade, Add	137.09	
For Deluxe Grade, Add	274.19	
For Custom Deluxe Grade, Add	280.50	
For Custom Built In Place, Add	177.68	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0319	EA		30" x 12" x 66" Library Cabinet - C.....	818.54	32.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-263.90	
			<i>For Economy Grade, Deduct</i>	-150.80	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-75.40	
			<i>For High Grade, Add</i>	75.40	
			<i>For Higher Grade, Add</i>	150.80	
			<i>For Deluxe Grade, Add</i>	301.60	
			<i>For Custom Deluxe Grade, Add</i>	308.06	
			<i>For Custom Built In Place, Add</i>	194.96	
06 41 13 00-0320	LF		Finished Wood Tops.....	62.86	2.87
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-19.99	
			<i>For Economy Grade, Deduct</i>	-11.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-5.71	
			<i>For High Grade, Add</i>	5.71	
			<i>For Higher Grade, Add</i>	11.42	
			<i>For Deluxe Grade, Add</i>	22.85	
			<i>For Custom Deluxe Grade, Add</i>	23.42	
			<i>For Custom Built In Place, Add</i>	14.85	
06 41 13 00-0321	EA		24" Vanity Sink Base, 2 Drawer.....	230.65	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-67.18	
			<i>For Economy Grade, Deduct</i>	-38.39	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.19	
			<i>For High Grade, Add</i>	19.19	
			<i>For Higher Grade, Add</i>	38.39	
			<i>For Deluxe Grade, Add</i>	76.77	
			<i>For Custom Deluxe Grade, Add</i>	80.64	
			<i>For Custom Built In Place, Add</i>	51.85	
06 41 13 00-0322	EA		27" Vanity Sink Base.....	241.70	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-70.37	
			<i>For Economy Grade, Deduct</i>	-40.21	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.11	
			<i>For High Grade, Add</i>	20.11	
			<i>For Higher Grade, Add</i>	40.21	
			<i>For Deluxe Grade, Add</i>	80.43	
			<i>For Custom Deluxe Grade, Add</i>	84.49	
			<i>For Custom Built In Place, Add</i>	54.33	
06 41 13 00-0323	EA		30" Vanity Sink Base.....	249.61	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-71.97	
			<i>For Economy Grade, Deduct</i>	-41.13	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.56	
			<i>For High Grade, Add</i>	20.56	
			<i>For Higher Grade, Add</i>	41.13	
			<i>For Deluxe Grade, Add</i>	82.26	
			<i>For Custom Deluxe Grade, Add</i>	86.65	
			<i>For Custom Built In Place, Add</i>	55.81	
06 41 13 00-0324	EA		36" Vanity Sink Base.....	275.33	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-79.97	
			<i>For Economy Grade, Deduct</i>	-45.70	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.85	
			<i>For High Grade, Add</i>	22.85	
			<i>For Higher Grade, Add</i>	45.70	
			<i>For Deluxe Grade, Add</i>	91.40	
			<i>For Custom Deluxe Grade, Add</i>	96.08	
			<i>For Custom Built In Place, Add</i>	61.81	
06 41 13 00-0325	EA		42" Vanity Sink Base.....	347.23	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-103.96	
			<i>For Economy Grade, Deduct</i>	-59.41	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.70	
			<i>For High Grade, Add</i>	29.70	
			<i>For Higher Grade, Add</i>	59.41	
			<i>For Deluxe Grade, Add</i>	118.82	
			<i>For Custom Deluxe Grade, Add</i>	123.84	
			<i>For Custom Built In Place, Add</i>	79.28	
06 41 13 00-0326	EA		36" Vanity Sink Base With Drawer On Each End.....	311.89	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-92.77	
			<i>For Economy Grade, Deduct</i>	-53.01	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.51	
			<i>For High Grade, Add</i>	26.51	
			<i>For Higher Grade, Add</i>	53.01	
			<i>For Deluxe Grade, Add</i>	106.02	
			<i>For Custom Deluxe Grade, Add</i>	110.70	
			<i>For Custom Built In Place, Add</i>	70.95	
06 41 13 00-0327	EA		42" Vanity Sink Base With Drawer On Each End.....	338.09	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-100.77	
			<i>For Economy Grade, Deduct</i>	-57.58	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.79	
			<i>For High Grade, Add</i>	28.79	
			<i>For Higher Grade, Add</i>	57.58	
			<i>For Deluxe Grade, Add</i>	115.16	
			<i>For Custom Deluxe Grade, Add</i>	120.18	
			<i>For Custom Built In Place, Add</i>	76.99	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0328 EA 48" Vanity Sink Base With Drawer On Each End .....	371.25	27.96
For Plastic Laminate On Particle Board, Deduct	-110.36	
For Economy Grade, Deduct	-63.06	
For Premium Grade Plywood With Plastic Laminate, Deduct	-31.53	
For High Grade, Add	31.53	
For Higher Grade, Add	63.06	
For Deluxe Grade, Add	126.13	
For Custom Deluxe Grade, Add	131.72	
For Custom Built In Place, Add	84.42	
06 41 13 00-0329 EA 54" Combo Vanity With Sink Center .....	402.00	29.63
For Plastic Laminate On Particle Board, Deduct	-119.96	
For Economy Grade, Deduct	-68.55	
For Premium Grade Plywood With Plastic Laminate, Deduct	-34.27	
For High Grade, Add	34.27	
For Higher Grade, Add	68.55	
For Deluxe Grade, Add	137.09	
For Custom Deluxe Grade, Add	143.02	
For Custom Built In Place, Add	91.61	
06 41 13 00-0330 EA 60" Combo Vanity With Sink Center .....	446.95	31.55
For Plastic Laminate On Particle Board, Deduct	-134.35	
For Economy Grade, Deduct	-76.77	
For Premium Grade Plywood With Plastic Laminate, Deduct	-38.39	
For High Grade, Add	38.39	
For Higher Grade, Add	76.77	
For Deluxe Grade, Add	153.54	
For Custom Deluxe Grade, Add	159.85	
For Custom Built In Place, Add	102.27	
06 41 13 00-0331 EA 66" Combo Vanity With Sink Center .....	475.82	32.26
For Plastic Laminate On Particle Board, Deduct	-143.95	
For Economy Grade, Deduct	-82.26	
For Premium Grade Plywood With Plastic Laminate, Deduct	-41.13	
For High Grade, Add	41.13	
For Higher Grade, Add	82.26	
For Deluxe Grade, Add	164.51	
For Custom Deluxe Grade, Add	170.97	
For Custom Built In Place, Add	109.27	
06 41 13 00-0332 EA 72" Combo Vanity With Sink Center .....	501.05	33.46
For Plastic Laminate On Particle Board, Deduct	-151.95	
For Economy Grade, Deduct	-86.83	
For Premium Grade Plywood With Plastic Laminate, Deduct	-43.41	
For High Grade, Add	43.41	
For Higher Grade, Add	86.83	
For Deluxe Grade, Add	173.65	
For Custom Deluxe Grade, Add	180.34	
For Custom Built In Place, Add	115.22	
06 41 13 00-0333 EA 24" Vanity Sink Base, Full Height Doors, 2 Doors .....	221.51	19.35
For Plastic Laminate On Particle Board, Deduct	-63.98	
For Economy Grade, Deduct	-36.56	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.28	
For High Grade, Add	18.28	
For Higher Grade, Add	36.56	
For Deluxe Grade, Add	73.12	
For Custom Deluxe Grade, Add	76.99	
For Custom Built In Place, Add	49.57	
06 41 13 00-0334 EA 27" Vanity Sink Base, Full Height Doors .....	232.56	20.31
For Plastic Laminate On Particle Board, Deduct	-67.18	
For Economy Grade, Deduct	-38.39	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.19	
For High Grade, Add	19.19	
For Higher Grade, Add	38.39	
For Deluxe Grade, Add	76.77	
For Custom Deluxe Grade, Add	80.84	
For Custom Built In Place, Add	52.05	
06 41 13 00-0335 EA 30" Vanity Sink Base, Full Height Doors .....	240.47	21.99
For Plastic Laminate On Particle Board, Deduct	-68.78	
For Economy Grade, Deduct	-39.30	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.65	
For High Grade, Add	19.65	
For Higher Grade, Add	39.30	
For Deluxe Grade, Add	78.60	
For Custom Deluxe Grade, Add	83.00	
For Custom Built In Place, Add	53.52	
06 41 13 00-0336 EA 36" Vanity Sink Base, Full Height Doors .....	266.19	23.41
For Plastic Laminate On Particle Board, Deduct	-76.77	
For Economy Grade, Deduct	-43.87	
For Premium Grade Plywood With Plastic Laminate, Deduct	-21.94	
For High Grade, Add	21.94	
For Higher Grade, Add	43.87	
For Deluxe Grade, Add	87.74	
For Custom Deluxe Grade, Add	92.42	
For Custom Built In Place, Add	59.52	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0337	EA		42" Vanity Sink Base, Full Height Doors.....	306.10	25.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-89.57	
			<i>For Economy Grade, Deduct</i>	-51.18	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-25.59	
			<i>For High Grade, Add</i>	25.59	
			<i>For Higher Grade, Add</i>	51.18	
			<i>For Deluxe Grade, Add</i>	102.36	
			<i>For Custom Deluxe Grade, Add</i>	107.38	
			<i>For Custom Built In Place, Add</i>	69.00	
06 41 13 00-0338	EA		48" Vanity Sink Base, Full Height Doors.....	334.69	27.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-97.57	
			<i>For Economy Grade, Deduct</i>	-55.75	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.88	
			<i>For High Grade, Add</i>	27.88	
			<i>For Higher Grade, Add</i>	55.75	
			<i>For Deluxe Grade, Add</i>	111.50	
			<i>For Custom Deluxe Grade, Add</i>	117.10	
			<i>For Custom Built In Place, Add</i>	75.28	
06 41 13 00-0339	EA		24" Vanity Sink Base With 2 Sink Blanks And Drawers.....	308.34	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-94.37	
			<i>For Economy Grade, Deduct</i>	-53.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.96	
			<i>For High Grade, Add</i>	26.96	
			<i>For Higher Grade, Add</i>	53.92	
			<i>For Deluxe Grade, Add</i>	107.85	
			<i>For Custom Deluxe Grade, Add</i>	111.72	
			<i>For Custom Built In Place, Add</i>	71.28	
06 41 13 00-0340	EA		30" Vanity Sink Base With 2 Sink Blanks And Drawers.....	327.30	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-99.17	
			<i>For Economy Grade, Deduct</i>	-56.67	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.33	
			<i>For High Grade, Add</i>	28.33	
			<i>For Higher Grade, Add</i>	56.67	
			<i>For Deluxe Grade, Add</i>	113.33	
			<i>For Custom Deluxe Grade, Add</i>	117.73	
			<i>For Custom Built In Place, Add</i>	75.23	
06 41 13 00-0341	EA		36" Vanity Sink Base With 2 Sink Blanks And Drawers.....	343.88	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-103.96	
			<i>For Economy Grade, Deduct</i>	-59.41	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.70	
			<i>For High Grade, Add</i>	29.70	
			<i>For Higher Grade, Add</i>	59.41	
			<i>For Deluxe Grade, Add</i>	118.82	
			<i>For Custom Deluxe Grade, Add</i>	123.50	
			<i>For Custom Built In Place, Add</i>	78.94	
06 41 13 00-0342	EA		18" Vanity Drawer Base, 2 Drawer.....	314.98	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-98.36	
			<i>For Economy Grade, Deduct</i>	-56.21	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.10	
			<i>For High Grade, Add</i>	28.10	
			<i>For Higher Grade, Add</i>	56.21	
			<i>For Deluxe Grade, Add</i>	112.42	
			<i>For Custom Deluxe Grade, Add</i>	115.81	
			<i>For Custom Built In Place, Add</i>	73.65	
06 41 13 00-0343	EA		21" Vanity Drawer Base, 2 Drawer.....	362.22	18.88
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-113.56	
			<i>For Economy Grade, Deduct</i>	-64.89	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.45	
			<i>For High Grade, Add</i>	32.45	
			<i>For Higher Grade, Add</i>	64.89	
			<i>For Deluxe Grade, Add</i>	129.78	
			<i>For Custom Deluxe Grade, Add</i>	133.56	
			<i>For Custom Built In Place, Add</i>	84.89	
06 41 13 00-0344	EA		24" Vanity Drawer Base, 2 Drawer.....	386.02	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-121.56	
			<i>For Economy Grade, Deduct</i>	-69.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-34.73	
			<i>For High Grade, Add</i>	34.73	
			<i>For Higher Grade, Add</i>	69.46	
			<i>For Deluxe Grade, Add</i>	138.92	
			<i>For Custom Deluxe Grade, Add</i>	142.79	
			<i>For Custom Built In Place, Add</i>	90.70	
06 41 13 00-0345	EA		12" Vanity Drawer Base, 3 Drawer.....	281.25	12.66
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-89.57	
			<i>For Economy Grade, Deduct</i>	-51.18	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-25.59	
			<i>For High Grade, Add</i>	25.59	
			<i>For Higher Grade, Add</i>	51.18	
			<i>For Deluxe Grade, Add</i>	102.36	
			<i>For Custom Deluxe Grade, Add</i>	104.90	
			<i>For Custom Built In Place, Add</i>	66.51	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0346 EA 15" Vanity Drawer Base, 3 Drawer .....	308.40	14.82
For Plastic Laminate On Particle Board, Deduct	-97.57	
For Economy Grade, Deduct	-55.75	
For Premium Grade Plywood With Plastic Laminate, Deduct	-27.88	
For High Grade, Add	27.88	
For Higher Grade, Add	55.75	
For Deluxe Grade, Add	111.50	
For Custom Deluxe Grade, Add	114.47	
For Custom Built In Place, Add	72.65	
06 41 13 00-0347 EA 18" Vanity Drawer Base, 3 Drawer .....	335.55	16.97
For Plastic Laminate On Particle Board, Deduct	-105.56	
For Economy Grade, Deduct	-60.32	
For Premium Grade Plywood With Plastic Laminate, Deduct	-30.16	
For High Grade, Add	30.16	
For Higher Grade, Add	60.32	
For Deluxe Grade, Add	120.64	
For Custom Deluxe Grade, Add	124.04	
For Custom Built In Place, Add	78.80	
06 41 13 00-0348 EA 21" Vanity Drawer Base, 3 Drawer .....	362.22	18.88
For Plastic Laminate On Particle Board, Deduct	-113.56	
For Economy Grade, Deduct	-64.89	
For Premium Grade Plywood With Plastic Laminate, Deduct	-32.45	
For High Grade, Add	32.45	
For Higher Grade, Add	64.89	
For Deluxe Grade, Add	129.78	
For Custom Deluxe Grade, Add	133.56	
For Custom Built In Place, Add	84.89	
06 41 13 00-0349 EA 24" Vanity Drawer Base, 3 Drawer .....	386.02	19.35
For Plastic Laminate On Particle Board, Deduct	-121.56	
For Economy Grade, Deduct	-69.46	
For Premium Grade Plywood With Plastic Laminate, Deduct	-34.73	
For High Grade, Add	34.73	
For Higher Grade, Add	69.46	
For Deluxe Grade, Add	138.92	
For Custom Deluxe Grade, Add	142.79	
For Custom Built In Place, Add	90.70	
06 41 13 00-0350 EA 12" Vanity Base Cabinet .....	185.28	12.66
For Plastic Laminate On Particle Board, Deduct	-55.98	
For Economy Grade, Deduct	-31.99	
For Premium Grade Plywood With Plastic Laminate, Deduct	-15.99	
For High Grade, Add	15.99	
For Higher Grade, Add	31.99	
For Deluxe Grade, Add	63.98	
For Custom Deluxe Grade, Add	66.51	
For Custom Built In Place, Add	42.52	
06 41 13 00-0351 EA 15" Vanity Base Cabinet .....	194.15	14.82
For Plastic Laminate On Particle Board, Deduct	-57.58	
For Economy Grade, Deduct	-32.90	
For Premium Grade Plywood With Plastic Laminate, Deduct	-16.45	
For High Grade, Add	16.45	
For Higher Grade, Add	32.90	
For Deluxe Grade, Add	65.80	
For Custom Deluxe Grade, Add	68.77	
For Custom Built In Place, Add	44.09	
06 41 13 00-0352 EA 18" Vanity Base Cabinet .....	203.02	16.97
For Plastic Laminate On Particle Board, Deduct	-59.18	
For Economy Grade, Deduct	-33.82	
For Premium Grade Plywood With Plastic Laminate, Deduct	-16.91	
For High Grade, Add	16.91	
For Higher Grade, Add	33.82	
For Deluxe Grade, Add	67.63	
For Custom Deluxe Grade, Add	71.03	
For Custom Built In Place, Add	45.66	
06 41 13 00-0353 EA 21" Vanity Base Cabinet .....	225.13	18.88
For Plastic Laminate On Particle Board, Deduct	-65.58	
For Economy Grade, Deduct	-37.47	
For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
For High Grade, Add	18.74	
For Higher Grade, Add	37.47	
For Deluxe Grade, Add	74.94	
For Custom Deluxe Grade, Add	78.72	
For Custom Built In Place, Add	50.62	
06 41 13 00-0354 EA 24" Vanity Base Cabinet .....	235.22	19.35
For Plastic Laminate On Particle Board, Deduct	-68.78	
For Economy Grade, Deduct	-39.30	
For Premium Grade Plywood With Plastic Laminate, Deduct	-19.65	
For High Grade, Add	19.65	
For Higher Grade, Add	39.30	
For Deluxe Grade, Add	78.60	
For Custom Deluxe Grade, Add	82.47	
For Custom Built In Place, Add	53.00	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0355	EA	24" Vanity Base Cabinet, 2 Drawer.....	248.93	19.35
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-73.57	
			<i>For Economy Grade, Deduct</i>	-42.04	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.02	
			<i>For High Grade, Add</i>	21.02	
			<i>For Higher Grade, Add</i>	42.04	
			<i>For Deluxe Grade, Add</i>	84.08	
			<i>For Custom Deluxe Grade, Add</i>	87.96	
			<i>For Custom Built In Place, Add</i>	56.42	
06 41	13 00-0356	EA	27" Vanity Base Cabinet.....	266.83	20.31
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-79.17	
			<i>For Economy Grade, Deduct</i>	-45.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.62	
			<i>For High Grade, Add</i>	22.62	
			<i>For Higher Grade, Add</i>	45.24	
			<i>For Deluxe Grade, Add</i>	90.48	
			<i>For Custom Deluxe Grade, Add</i>	94.54	
			<i>For Custom Built In Place, Add</i>	60.61	
06 41	13 00-0357	EA	30" Vanity Base Cabinet.....	299.88	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-89.57	
			<i>For Economy Grade, Deduct</i>	-51.18	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-25.59	
			<i>For High Grade, Add</i>	25.59	
			<i>For Higher Grade, Add</i>	51.18	
			<i>For Deluxe Grade, Add</i>	102.36	
			<i>For Custom Deluxe Grade, Add</i>	106.76	
			<i>For Custom Built In Place, Add</i>	68.37	
06 41	13 00-0358	EA	33" Vanity Base Cabinet.....	327.30	21.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-99.17	
			<i>For Economy Grade, Deduct</i>	-56.67	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-28.33	
			<i>For High Grade, Add</i>	28.33	
			<i>For Higher Grade, Add</i>	56.67	
			<i>For Deluxe Grade, Add</i>	113.33	
			<i>For Custom Deluxe Grade, Add</i>	117.73	
			<i>For Custom Built In Place, Add</i>	75.23	
06 41	13 00-0359	EA	36" Vanity Base Cabinet.....	355.30	23.41
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-107.96	
			<i>For Economy Grade, Deduct</i>	-61.69	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.85	
			<i>For High Grade, Add</i>	30.85	
			<i>For Higher Grade, Add</i>	61.69	
			<i>For Deluxe Grade, Add</i>	123.38	
			<i>For Custom Deluxe Grade, Add</i>	128.07	
			<i>For Custom Built In Place, Add</i>	81.80	
06 41	13 00-0360	EA	24" x 36" x 8" Toilet Topper.....	294.69	14.82
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-92.77	
			<i>For Economy Grade, Deduct</i>	-53.01	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-26.51	
			<i>For High Grade, Add</i>	26.51	
			<i>For Higher Grade, Add</i>	53.01	
			<i>For Deluxe Grade, Add</i>	106.02	
			<i>For Custom Deluxe Grade, Add</i>	108.98	
			<i>For Custom Built In Place, Add</i>	69.23	
06 41	13 00-0361	EA	18" x 16" Full Height Vanity.....	180.18	16.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.18	
			<i>For Economy Grade, Deduct</i>	-29.25	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.62	
			<i>For High Grade, Add</i>	14.62	
			<i>For Higher Grade, Add</i>	29.25	
			<i>For Deluxe Grade, Add</i>	58.49	
			<i>For Custom Deluxe Grade, Add</i>	61.89	
			<i>For Custom Built In Place, Add</i>	39.95	
06 41	13 00-0362	EA	54" Combo Vanity For 2 Sinks.....	438.56	29.63
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-132.75	
			<i>For Economy Grade, Deduct</i>	-75.86	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.93	
			<i>For High Grade, Add</i>	37.93	
			<i>For Higher Grade, Add</i>	75.86	
			<i>For Deluxe Grade, Add</i>	151.72	
			<i>For Custom Deluxe Grade, Add</i>	157.64	
			<i>For Custom Built In Place, Add</i>	100.75	
06 41	13 00-0363	EA	60" Combo Vanity For 2 Sinks.....	457.53	32.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-137.55	
			<i>For Economy Grade, Deduct</i>	-78.60	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-39.30	
			<i>For High Grade, Add</i>	39.30	
			<i>For Higher Grade, Add</i>	78.60	
			<i>For Deluxe Grade, Add</i>	157.20	
			<i>For Custom Deluxe Grade, Add</i>	163.65	
			<i>For Custom Built In Place, Add</i>	104.70	





<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0364 EA 48" Combo Vanity With Drawer Base Each End.....	535.76	27.96
For Plastic Laminate On Particle Board, Deduct	-167.94	
For Economy Grade, Deduct	-95.97	
For Premium Grade Plywood With Plastic Laminate, Deduct	-47.98	
For High Grade, Add	47.98	
For Higher Grade, Add	95.97	
For Deluxe Grade, Add	191.93	
For Custom Deluxe Grade, Add	197.53	
For Custom Built In Place, Add	125.55	
06 41 13 00-0365 EA 54" Combo Vanity With Drawer Base Each End.....	566.52	29.63
For Plastic Laminate On Particle Board, Deduct	-177.54	
For Economy Grade, Deduct	-101.45	
For Premium Grade Plywood With Plastic Laminate, Deduct	-50.73	
For High Grade, Add	50.73	
For Higher Grade, Add	101.45	
For Deluxe Grade, Add	202.90	
For Custom Deluxe Grade, Add	208.83	
For Custom Built In Place, Add	132.74	
06 41 13 00-0366 EA 60" Combo Vanity With Drawer Base Each End.....	611.46	31.55
For Plastic Laminate On Particle Board, Deduct	-191.93	
For Economy Grade, Deduct	-109.67	
For Premium Grade Plywood With Plastic Laminate, Deduct	-54.84	
For High Grade, Add	54.84	
For Higher Grade, Add	109.67	
For Deluxe Grade, Add	219.35	
For Custom Deluxe Grade, Add	225.66	
For Custom Built In Place, Add	143.40	
06 41 13 00-0367 EA 66" Combo Vanity With Drawer Base Each End.....	640.32	32.26
For Plastic Laminate On Particle Board, Deduct	-201.53	
For Economy Grade, Deduct	-115.16	
For Premium Grade Plywood With Plastic Laminate, Deduct	-57.58	
For High Grade, Add	57.58	
For Higher Grade, Add	115.16	
For Deluxe Grade, Add	230.32	
For Custom Deluxe Grade, Add	236.77	
For Custom Built In Place, Add	150.40	
06 41 13 00-0368 EA 72" Combo Vanity With Drawer Base Each End.....	665.56	33.46
For Plastic Laminate On Particle Board, Deduct	-209.52	
For Economy Grade, Deduct	-119.73	
For Premium Grade Plywood With Plastic Laminate, Deduct	-59.86	
For High Grade, Add	59.86	
For Higher Grade, Add	119.73	
For Deluxe Grade, Add	239.46	
For Custom Deluxe Grade, Add	246.15	
For Custom Built In Place, Add	156.35	
06 41 13 00-0369 EA 6" x 30" Wall Quarter Circle Shelf.....	100.74	12.66
For Plastic Laminate On Particle Board, Deduct	-26.39	
For Economy Grade, Deduct	-15.08	
For Premium Grade Plywood With Plastic Laminate, Deduct	-7.54	
For High Grade, Add	7.54	
For Higher Grade, Add	15.08	
For Deluxe Grade, Add	30.16	
For Custom Deluxe Grade, Add	32.69	
For Custom Built In Place, Add	21.38	
06 41 13 00-0370 EA 6" x 52" Wall Quarter Circle Shelf.....	118.75	14.82
For Plastic Laminate On Particle Board, Deduct	-31.19	
For Economy Grade, Deduct	-17.82	
For Premium Grade Plywood With Plastic Laminate, Deduct	-8.91	
For High Grade, Add	8.91	
For Higher Grade, Add	17.82	
For Deluxe Grade, Add	35.64	
For Custom Deluxe Grade, Add	38.61	
For Custom Built In Place, Add	25.24	
06 41 13 00-0371 EA 12" x 96", 3/4" Utility Shelf.....	52.87	3.59
For Plastic Laminate On Particle Board, Deduct	-16.00	
For Economy Grade, Deduct	-9.14	
For Premium Grade Plywood With Plastic Laminate, Deduct	-4.57	
For High Grade, Add	4.57	
For Higher Grade, Add	9.14	
For Deluxe Grade, Add	18.28	
For Custom Deluxe Grade, Add	19.00	
For Custom Built In Place, Add	12.14	
06 41 13 00-0372 EA 24" x 96", 3/4" Utility Shelf.....	98.57	3.59
For Plastic Laminate On Particle Board, Deduct	-31.99	
For Economy Grade, Deduct	-18.28	
For Premium Grade Plywood With Plastic Laminate, Deduct	-9.14	
For High Grade, Add	9.14	
For Higher Grade, Add	18.28	
For Deluxe Grade, Add	36.56	
For Custom Deluxe Grade, Add	37.28	
For Custom Built In Place, Add	23.57	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0373	EA	9" x 9" Shelf Brace Support.....	36.98	4.78
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-9.60	
			<i>For Economy Grade, Deduct</i>	-5.48	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.74	
			<i>For High Grade, Add</i>	2.74	
			<i>For Higher Grade, Add</i>	5.48	
			<i>For Deluxe Grade, Add</i>	10.97	
			<i>For Custom Deluxe Grade, Add</i>	11.92	
			<i>For Custom Built In Place, Add</i>	7.81	
06 41	13 00-0374	EA	24" Wall Decorator End Panels.....	66.68	4.78
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-19.99	
			<i>For Economy Grade, Deduct</i>	-11.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-5.71	
			<i>For High Grade, Add</i>	5.71	
			<i>For Higher Grade, Add</i>	11.42	
			<i>For Deluxe Grade, Add</i>	22.85	
			<i>For Custom Deluxe Grade, Add</i>	23.80	
			<i>For Custom Built In Place, Add</i>	15.24	
06 41	13 00-0375	EA	30" Wall Decorator End Panels.....	67.63	5.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-19.99	
			<i>For Economy Grade, Deduct</i>	-11.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-5.71	
			<i>For High Grade, Add</i>	5.71	
			<i>For Higher Grade, Add</i>	11.42	
			<i>For Deluxe Grade, Add</i>	22.85	
			<i>For Custom Deluxe Grade, Add</i>	23.90	
			<i>For Custom Built In Place, Add</i>	15.33	
06 41	13 00-0376	EA	42" Wall Decorator End Panels.....	80.49	5.97
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-23.99	
			<i>For Economy Grade, Deduct</i>	-13.71	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-6.86	
			<i>For High Grade, Add</i>	6.86	
			<i>For Higher Grade, Add</i>	13.71	
			<i>For Deluxe Grade, Add</i>	27.42	
			<i>For Custom Deluxe Grade, Add</i>	28.61	
			<i>For Custom Built In Place, Add</i>	18.33	
06 41	13 00-0377	EA	24" Wine Glass Stem Holder .....	39.21	9.32
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-7.20	
			<i>For Economy Grade, Deduct</i>	-4.11	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.06	
			<i>For High Grade, Add</i>	2.06	
			<i>For Higher Grade, Add</i>	4.11	
			<i>For Deluxe Grade, Add</i>	8.22	
			<i>For Custom Deluxe Grade, Add</i>	10.09	
			<i>For Custom Built In Place, Add</i>	7.01	
06 41	13 00-0378	EA	30" Wine Glass Stem Holder .....	101.85	9.80
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.79	
			<i>For Economy Grade, Deduct</i>	-16.45	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.23	
			<i>For High Grade, Add</i>	8.23	
			<i>For Higher Grade, Add</i>	16.45	
			<i>For Deluxe Grade, Add</i>	32.90	
			<i>For Custom Deluxe Grade, Add</i>	34.86	
			<i>For Custom Built In Place, Add</i>	22.52	
06 41	13 00-0379	EA	36" Wine Glass Stem Holder .....	102.82	10.28
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.79	
			<i>For Economy Grade, Deduct</i>	-16.45	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.23	
			<i>For High Grade, Add</i>	8.23	
			<i>For Higher Grade, Add</i>	16.45	
			<i>For Deluxe Grade, Add</i>	32.90	
			<i>For Custom Deluxe Grade, Add</i>	34.96	
			<i>For Custom Built In Place, Add</i>	22.62	
06 41	13 00-0380	EA	36" Scalloped Valance.....	30.12	4.78
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-7.20	
			<i>For Economy Grade, Deduct</i>	-4.11	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.06	
			<i>For High Grade, Add</i>	2.06	
			<i>For Higher Grade, Add</i>	4.11	
			<i>For Deluxe Grade, Add</i>	8.22	
			<i>For Custom Deluxe Grade, Add</i>	9.18	
			<i>For Custom Built In Place, Add</i>	6.10	
06 41	13 00-0381	EA	48" Scalloped Valance.....	34.69	4.78
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-8.80	
			<i>For Economy Grade, Deduct</i>	-5.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.51	
			<i>For High Grade, Add</i>	2.51	
			<i>For Higher Grade, Add</i>	5.03	
			<i>For Deluxe Grade, Add</i>	10.05	
			<i>For Custom Deluxe Grade, Add</i>	11.01	
			<i>For Custom Built In Place, Add</i>	7.24	



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Architectural Wood Casework	06 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0382 EA 60" Scalloped Valance.....	46.12	4.78
For Plastic Laminate On Particle Board, Deduct	-12.80	
For Economy Grade, Deduct	-7.31	
For Premium Grade Plywood With Plastic Laminate, Deduct	-3.66	
For High Grade, Add	3.66	
For Higher Grade, Add	7.31	
For Deluxe Grade, Add	14.62	
For Custom Deluxe Grade, Add	15.58	
For Custom Built In Place, Add	10.10	
06 41 13 00-0383 EA 72" Scalloped Valance.....	59.83	4.78
For Plastic Laminate On Particle Board, Deduct	-17.59	
For Economy Grade, Deduct	-10.05	
For Premium Grade Plywood With Plastic Laminate, Deduct	-5.03	
For High Grade, Add	5.03	
For Higher Grade, Add	10.05	
For Deluxe Grade, Add	20.11	
For Custom Deluxe Grade, Add	21.06	
For Custom Built In Place, Add	13.52	
06 41 13 00-0384 EA 36" Straight Valance.....	30.12	4.78
For Plastic Laminate On Particle Board, Deduct	-7.20	
For Economy Grade, Deduct	-4.11	
For Premium Grade Plywood With Plastic Laminate, Deduct	-2.06	
For High Grade, Add	2.06	
For Higher Grade, Add	4.11	
For Deluxe Grade, Add	8.22	
For Custom Deluxe Grade, Add	9.18	
For Custom Built In Place, Add	6.10	
06 41 13 00-0385 EA 48" Straight Valance.....	34.69	4.78
For Plastic Laminate On Particle Board, Deduct	-8.80	
For Economy Grade, Deduct	-5.03	
For Premium Grade Plywood With Plastic Laminate, Deduct	-2.51	
For High Grade, Add	2.51	
For Higher Grade, Add	5.03	
For Deluxe Grade, Add	10.05	
For Custom Deluxe Grade, Add	11.01	
For Custom Built In Place, Add	7.24	
06 41 13 00-0386 EA 60" Straight Valance.....	46.12	4.78
For Plastic Laminate On Particle Board, Deduct	-12.80	
For Economy Grade, Deduct	-7.31	
For Premium Grade Plywood With Plastic Laminate, Deduct	-3.66	
For High Grade, Add	3.66	
For Higher Grade, Add	7.31	
For Deluxe Grade, Add	14.62	
For Custom Deluxe Grade, Add	15.58	
For Custom Built In Place, Add	10.10	
06 41 13 00-0387 EA 72" Straight Valance.....	59.83	4.78
For Plastic Laminate On Particle Board, Deduct	-17.59	
For Economy Grade, Deduct	-10.05	
For Premium Grade Plywood With Plastic Laminate, Deduct	-5.03	
For High Grade, Add	5.03	
For Higher Grade, Add	10.05	
For Deluxe Grade, Add	20.11	
For Custom Deluxe Grade, Add	21.06	
For Custom Built In Place, Add	13.52	

**06 41 13 00-0388 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)**

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0389 LF Remove And Reinstall Wood Base Cabinets.....	36.59
06 41 13 00-0390 LF Remove And Reinstall Wall Cabinets.....	31.81
06 41 13 00-0391 LF Remove And Reinstall Plastic Laminated Countertops.....	7.61

**06 41 93 Cabinet And Drawer Hardware (06 41)**

**06 41 93 00-0001 Cabinet Hardware (06 41 93)**

Note: Includes all mounting screws.

06 41 93 00-0002 EA Hinges, Concealed, Steel, Full Or Half Overlay, Self Closing.....	13.16	4.78
06 41 93 00-0003 EA Hinges, Semi Concealed, Brass.....	16.67	4.78
06 41 93 00-0004 EA Pull Handles, Solid Brass.....	11.81	4.07
06 41 93 00-0005 EA Pull Knobs, Solid Brass.....	10.65	3.10
06 41 93 00-0006 EA Cabinet Ball And Catch.....	18.78	4.78
06 41 93 00-0007 EA Cabinet Drawer Lock Square Style, Surface Mount.....	42.26	4.78
06 41 93 00-0008 EA Cabinet Drawer Lock Square Style, Mortise Mount.....	76.47	7.17
06 41 93 00-0009 EA Cabinet Drawer Lock For Hollow Metal Drawers.....	21.83	4.07
06 41 93 00-0010 EA Door Catch.....	15.60	4.07
06 41 93 00-0011 EA Surface Bolt, Solid Brass.....	25.34	4.07

**06 42 Wood Paneling (06 40)**

Note: Includes glue for installation.

**06 42 13 Wood Board Paneling (06 42)**

**06 42 13 00-0001 Solid Wood Paneling (06 42 13)**

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 42 13 00-0002		7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)			
06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16".....		5.10	1.00
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16".....		5.40	1.00
06 42 13 00-0005		7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)			
06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16".....		5.50	0.96
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16".....		5.10	0.96
06 42 13 00-0008		1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)			
06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2".....		6.00	1.00
06 42 13 00-0010		1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)			
06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap.....		3.74	0.86
<b>06 42 16</b>		<b>Flush Wood Paneling (06 42)</b>			
06 42 16 00-0001		Veneer Hardboard Panels (06 42 16)			
06 42 16 00-0002	SF	1/4" Veneer Paneling (Mapes).....		2.74	0.87
		For Waterproof Glue, Add		0.05	
		For Ceiling Installation, Add		0.59	
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick (06 42 16)			
06 42 16 00-0004		Birch (06 42 16 00-0003)			
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim.....		2.61	0.78
		For Waterproof Glue, Add		0.06	
		For Ceiling Installation, Add		0.52	
		For Installation On Metal Studs Or Furring, Add		0.19	
		For Glue Laminated Installation, Add		0.13	
		For Lumber Core, Add		0.10	
		For 1/8" Thick Paneling, Deduct		-0.27	
		For 1/2" Thick Paneling, Add		0.68	
		For 5/8" Thick Paneling, Add		0.86	
		For 3/4" Thick Paneling, Add		1.10	
		For Fire Retardant Treatment (Class I), Add		0.69	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim.....		2.67	0.78
		For Waterproof Glue, Add		0.07	
		For Ceiling Installation, Add		0.52	
		For Installation On Metal Studs Or Furring, Add		0.19	
		For Glue Laminated Installation, Add		0.13	
		For Lumber Core, Add		0.10	
		For 1/8" Thick Paneling, Deduct		-0.28	
		For 1/2" Thick Paneling, Add		0.71	
		For 5/8" Thick Paneling, Add		0.91	
		For 3/4" Thick Paneling, Add		1.16	
		For Fire Retardant Treatment (Class I), Add		0.73	
06 42 16 00-0007		Knotty Pine (06 42 16 00-0003)			
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim.....		3.08	0.87
		For Waterproof Glue, Add		0.08	
		For Ceiling Installation, Add		0.58	
		For Installation On Metal Studs Or Furring, Add		0.21	
		For Glue Laminated Installation, Add		0.15	
		For Lumber Core, Add		0.13	
		For 1/8" Thick Paneling, Deduct		-0.33	
		For 1/2" Thick Paneling, Add		0.85	
		For 5/8" Thick Paneling, Add		1.09	
		For 3/4" Thick Paneling, Add		1.40	
		For Fire Retardant Treatment (Class I), Add		0.90	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim.....		3.03	0.87
		For Waterproof Glue, Add		0.08	
		For Ceiling Installation, Add		0.58	
		For Installation On Metal Studs Or Furring, Add		0.21	
		For Glue Laminated Installation, Add		0.15	
		For Lumber Core, Add		0.12	
		For 1/8" Thick Paneling, Deduct		-0.32	
		For 1/2" Thick Paneling, Add		0.82	
		For 5/8" Thick Paneling, Add		1.05	
		For 3/4" Thick Paneling, Add		1.34	
		For Fire Retardant Treatment (Class I), Add		0.86	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)			



<b>Wood, Plastics, and Composites</b>	<b>06</b>	<b>06</b>
Architectural Woodwork	06 40	
Wood Paneling	06 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0011	SF		1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining.....	2.91	0.96
			<i>For Waterproof Glue, Add</i>	0.05	
			<i>For Ceiling Installation, Add</i>	0.65	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.24	
			<i>For Glue Laminated Installation, Add</i>	0.15	
			<i>For Lumber Core, Add</i>	0.08	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.27	
			<i>For 1/2" Thick Paneling, Add</i>	0.66	
			<i>For 5/8" Thick Paneling, Add</i>	0.81	
			<i>For 3/4" Thick Paneling, Add</i>	1.01	
			<i>For Fire Retardant Treatment (Class I), Add</i>	0.58	
06 42 16 00-0012	SF		1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining.....	2.55	0.96
			<i>For Waterproof Glue, Add</i>	0.03	
			<i>For Ceiling Installation, Add</i>	0.65	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.24	
			<i>For Glue Laminated Installation, Add</i>	0.13	
			<i>For Lumber Core, Add</i>	0.04	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.21	
			<i>For 1/2" Thick Paneling, Add</i>	0.46	
			<i>For 5/8" Thick Paneling, Add</i>	0.54	
			<i>For 3/4" Thick Paneling, Add</i>	0.64	
			<i>For Fire Retardant Treatment (Class I), Add</i>	0.29	
<b>06 42 16 00-0013 Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)</b>					
06 42 16 00-0014	SF		1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim.....	2.91	0.87
			<i>For Flitch Matched Veneer, Add</i>	0.49	
			<i>For Second Grade Veneer, Deduct</i>	-0.10	
			<i>For Third Grade Veneer, Deduct</i>	-0.15	
			<i>For Waterproof Glue, Add</i>	0.07	
			<i>For Ceiling Installation, Add</i>	0.58	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.21	
			<i>For Glue Laminated Installation, Add</i>	0.15	
			<i>For Lumber Core, Add</i>	0.11	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.30	
			<i>For 1/2" Thick Paneling, Add</i>	0.76	
			<i>For 5/8" Thick Paneling, Add</i>	0.96	
			<i>For 3/4" Thick Paneling, Add</i>	1.22	
			<i>For Fire Retardant Treatment (Class I), Add</i>	0.77	
06 42 16 00-0015	SF		1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim.....	3.34	0.87
			<i>For Flitch Matched Veneer, Add</i>	0.70	
			<i>For Second Grade Veneer, Deduct</i>	-0.14	
			<i>For Third Grade Veneer, Deduct</i>	-0.21	
			<i>For Waterproof Glue, Add</i>	0.10	
			<i>For Ceiling Installation, Add</i>	0.58	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.21	
			<i>For Glue Laminated Installation, Add</i>	0.17	
			<i>For Lumber Core, Add</i>	0.15	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.37	
			<i>For 1/2" Thick Paneling, Add</i>	0.99	
			<i>For 5/8" Thick Paneling, Add</i>	1.28	
			<i>For 3/4" Thick Paneling, Add</i>	1.66	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.11	
06 42 16 00-0016	SF		1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim.....	5.33	0.87
			<i>For Flitch Matched Veneer, Add</i>	1.51	
			<i>For Second Grade Veneer, Deduct</i>	-0.30	
			<i>For Third Grade Veneer, Deduct</i>	-0.45	
			<i>For Waterproof Glue, Add</i>	0.21	
			<i>For Ceiling Installation, Add</i>	0.70	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.26	
			<i>For Glue Laminated Installation, Add</i>	0.27	
			<i>For Lumber Core, Add</i>	0.33	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.67	
			<i>For 1/2" Thick Paneling, Add</i>	1.90	
			<i>For 5/8" Thick Paneling, Add</i>	2.54	
			<i>For 3/4" Thick Paneling, Add</i>	3.35	
			<i>For Fire Retardant Treatment (Class I), Add</i>	2.38	
06 42 16 00-0017	SF		1/4" Top Grade Plywood, Luan Veneer Prefinished With Trim.....	2.38	0.87
			<i>For Flitch Matched Veneer, Add</i>	0.32	
			<i>For Second Grade Veneer, Deduct</i>	-0.06	
			<i>For Third Grade Veneer, Deduct</i>	-0.10	
			<i>For Waterproof Glue, Add</i>	0.04	
			<i>For Ceiling Installation, Add</i>	0.52	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.19	
			<i>For Glue Laminated Installation, Add</i>	0.12	
			<i>For Lumber Core, Add</i>	0.07	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.23	
			<i>For 1/2" Thick Paneling, Add</i>	0.55	
			<i>For 5/8" Thick Paneling, Add</i>	0.69	
			<i>For 3/4" Thick Paneling, Add</i>	0.86	
			<i>For Fire Retardant Treatment (Class I), Add</i>	0.51	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0018	SF		1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim.....	4.60	0.87
			<i>For Flitch Matched Veneer, Add</i>	1.21	
			<i>For Second Grade Veneer, Deduct</i>	-0.24	
			<i>For Third Grade Veneer, Deduct</i>	-0.36	
			<i>For Waterproof Glue, Add</i>	0.17	
			<i>For Ceiling Installation, Add</i>	0.65	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.24	
			<i>For Glue Laminated Installation, Add</i>	0.23	
			<i>For Lumber Core, Add</i>	0.27	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.56	
			<i>For 1/2" Thick Paneling, Add</i>	1.57	
			<i>For 5/8" Thick Paneling, Add</i>	2.08	
			<i>For 3/4" Thick Paneling, Add</i>	2.73	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.91	
06 42 16 00-0019	SF		1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim .....	3.01	0.87
			<i>For Flitch Matched Veneer, Add</i>	0.54	
			<i>For Second Grade Veneer, Deduct</i>	-0.11	
			<i>For Third Grade Veneer, Deduct</i>	-0.16	
			<i>For Waterproof Glue, Add</i>	0.07	
			<i>For Ceiling Installation, Add</i>	0.58	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.21	
			<i>For Glue Laminated Installation, Add</i>	0.15	
			<i>For Lumber Core, Add</i>	0.12	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.31	
			<i>For 1/2" Thick Paneling, Add</i>	0.81	
			<i>For 5/8" Thick Paneling, Add</i>	1.04	
			<i>For 3/4" Thick Paneling, Add</i>	1.32	
			<i>For Fire Retardant Treatment (Class I), Add</i>	0.85	
06 42 16 00-0020	SF		1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim .....	3.60	0.87
			<i>For Flitch Matched Veneer, Add</i>	0.71	
			<i>For Second Grade Veneer, Deduct</i>	-0.14	
			<i>For Third Grade Veneer, Deduct</i>	-0.21	
			<i>For Waterproof Glue, Add</i>	0.10	
			<i>For Ceiling Installation, Add</i>	0.65	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.24	
			<i>For Glue Laminated Installation, Add</i>	0.18	
			<i>For Lumber Core, Add</i>	0.16	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.39	
			<i>For 1/2" Thick Paneling, Add</i>	1.03	
			<i>For 5/8" Thick Paneling, Add</i>	1.33	
			<i>For 3/4" Thick Paneling, Add</i>	1.71	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.12	
06 42 16 00-0021	SF		1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim .....	6.16	0.87
			<i>For Flitch Matched Veneer, Add</i>	1.72	
			<i>For Second Grade Veneer, Deduct</i>	-0.34	
			<i>For Third Grade Veneer, Deduct</i>	-0.51	
			<i>For Waterproof Glue, Add</i>	0.24	
			<i>For Ceiling Installation, Add</i>	0.82	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.30	
			<i>For Glue Laminated Installation, Add</i>	0.31	
			<i>For Lumber Core, Add</i>	0.38	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.76	
			<i>For 1/2" Thick Paneling, Add</i>	2.18	
			<i>For 5/8" Thick Paneling, Add</i>	2.90	
			<i>For 3/4" Thick Paneling, Add</i>	3.83	
			<i>For Fire Retardant Treatment (Class I), Add</i>	2.71	
06 42 16 00-0022	SF		1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim .....	4.60	0.87
			<i>For Flitch Matched Veneer, Add</i>	1.21	
			<i>For Second Grade Veneer, Deduct</i>	-0.24	
			<i>For Third Grade Veneer, Deduct</i>	-0.36	
			<i>For Waterproof Glue, Add</i>	0.17	
			<i>For Ceiling Installation, Add</i>	0.65	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.24	
			<i>For Glue Laminated Installation, Add</i>	0.23	
			<i>For Lumber Core, Add</i>	0.27	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.56	
			<i>For 1/2" Thick Paneling, Add</i>	1.57	
			<i>For 5/8" Thick Paneling, Add</i>	2.08	
			<i>For 3/4" Thick Paneling, Add</i>	2.73	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.91	
06 42 16 00-0023	SF		1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim .....	4.00	0.87
			<i>For Flitch Matched Veneer, Add</i>	1.03	
			<i>For Second Grade Veneer, Deduct</i>	-0.21	
			<i>For Third Grade Veneer, Deduct</i>	-0.31	
			<i>For Waterproof Glue, Add</i>	0.14	
			<i>For Ceiling Installation, Add</i>	0.58	
			<i>For Installation On Metal Studs Or Furring, Add</i>	0.21	
			<i>For Glue Laminated Installation, Add</i>	0.20	
			<i>For Lumber Core, Add</i>	0.23	
			<i>For 1/8" Thick Paneling, Deduct</i>	-0.48	
			<i>For 1/2" Thick Paneling, Add</i>	1.35	
			<i>For 5/8" Thick Paneling, Add</i>	1.78	
			<i>For 3/4" Thick Paneling, Add</i>	2.33	
			<i>For Fire Retardant Treatment (Class I), Add</i>	1.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0024 SF 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim .....	3.03	0.87
<i>For Fitch Matched Veneer, Add</i>	0.55	
<i>For Second Grade Veneer, Deduct</i>	-0.11	
<i>For Third Grade Veneer, Deduct</i>	-0.16	
<i>For Waterproof Glue, Add</i>	0.08	
<i>For Ceiling Installation, Add</i>	0.58	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.21	
<i>For Glue Laminated Installation, Add</i>	0.15	
<i>For Lumber Core, Add</i>	0.12	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.32	
<i>For 1/2" Thick Paneling, Add</i>	0.82	
<i>For 5/8" Thick Paneling, Add</i>	1.05	
<i>For 3/4" Thick Paneling, Add</i>	1.34	
<i>For Fire Retardant Treatment (Class I), Add</i>	0.86	
<b>06 42 16 00-0025 Accessories (06 42 16)</b>		
06 42 16 00-0026 EA Aluminum Panel Retainer "J" With Bolt.....	12.36	
<b>06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)</b>		
<b>06 42 19 00-0001 Plastic Laminate (06 42 19)</b>		
Note: Standard colors and patterns.		
06 42 19 00-0002 SF 1/16" Plastic Laminate Faced Panel .....	4.66	1.68
Note: Includes cutting to fit.		
<b>06 43 Wood Stairs And Railings (06 40)</b>		
<b>06 43 13 Wood Stairs (06 43)</b>		
<b>06 43 13 00-0001 Stair Parts (06 43 13)</b>		
06 43 13 00-0002 EA 30" Baluster, Pine .....	20.87	9.70
06 43 13 00-0003 EA 30" Baluster, Birch .....	23.87	9.70
06 43 13 00-0004 EA 42" Baluster, Pine .....	23.15	10.03
06 43 13 00-0005 EA 42" Baluster, Birch .....	26.35	10.03
06 43 13 00-0006 EA 3-1/4" Wide Newels, Starting .....	114.54	38.14
06 43 13 00-0007 EA 3-1/4" Wide Newels, Landing.....	166.55	53.53
06 43 13 00-0008 LF Oak Gooseneck, 1 Riser.....	73.69	33.46
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.98	
06 43 13 00-0009 LF Oak Gooseneck, 2 Riser.....	85.19	36.75
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.08	
06 43 13 00-0010 LF Oak Handrail, 2-1/2" x 3" With Quarter Turn.....	14.14	5.02
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.65	
06 43 13 00-0011 LF 1-1/16" x 9-1/2" Oak Stair Tread.....	17.22	2.82
<i>For Beech, Add</i>	3.48	
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.29	
06 43 13 00-0012 LF 1-1/16" x 11-1/2" Oak Stair Tread.....	20.52	2.82
<i>For Beech, Add</i>	4.47	
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.29	
06 43 13 00-0013 LF 1-1/16" x 11-1/2" Pine Stair Tread .....	10.29	2.82
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.29	
06 43 13 00-0014 LF 3/4" x 7-1/2" High Beech Riser .....	13.46	2.91
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 43 13 00-0015 LF 3/4" x 7-1/2" High Oak Riser .....	12.76	2.91
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 43 13 00-0016 LF 3/4" x 7-1/2" High Fir Riser .....	8.25	2.91
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 43 13 00-0017 LF 3/4" x 7-1/2" High Pine Riser .....	8.03	2.91
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 43 13 00-0018 SF Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing.....	17.33	
<b>06 43 13 00-0019 Interior Box Stairs (06 43 13)</b>		
Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020 EA 30" Wide Pine Box Stair, Per Riser .....	98.45	29.10
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.56	
<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	56.47	
<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.20	
<i>For Oak Or Maple Treads, Add</i>	25.59	
06 43 13 00-0021 EA 32" Wide Pine Box Stair, Per Riser.....	103.86	29.78
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.78	
<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	56.76	
<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.32	
<i>For Oak Or Maple Treads, Add</i>	27.60	
06 43 13 00-0022 EA 34" Wide Pine Box Stair, Per Riser.....	108.83	30.12
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.89	
<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	56.90	
<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.38	
<i>For Oak Or Maple Treads, Add</i>	29.62	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 43 Wood Stairs And Railings**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0023	EA		36" Wide Pine Box Stair, Per Riser.....	114.55	30.45
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.00	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.04	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.44	
			<i>For Oak Or Maple Treads, Add</i>	31.98	
06 43 13 00-0024	EA		38" Wide Pine Box Stair, Per Riser.....	118.00	30.78
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.11	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.19	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.50	
			<i>For Oak Or Maple Treads, Add</i>	33.32	
06 43 13 00-0025	EA		40" Wide Pine Box Stair, Per Riser.....	121.93	31.45
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.33	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.48	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.62	
			<i>For Oak Or Maple Treads, Add</i>	34.65	
06 43 13 00-0026	EA		42" Wide Pine Box Stair, Per Riser.....	125.38	31.78
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.44	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.62	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.68	
			<i>For Oak Or Maple Treads, Add</i>	35.99	
06 43 13 00-0027	EA		44" Wide Pine Box Stair, Per Riser.....	128.84	32.12
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.55	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.77	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.74	
			<i>For Oak Or Maple Treads, Add</i>	37.33	
06 43 13 00-0028	EA		46" Wide Pine Box Stair, Per Riser.....	132.26	32.45
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.66	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	57.90	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.79	
			<i>For Oak Or Maple Treads, Add</i>	38.66	
06 43 13 00-0029	EA		48" Wide Pine Box Stair, Per Riser.....	136.65	33.46
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.99	
			<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	58.34	
			<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	17.98	
			<i>For Oak Or Maple Treads, Add</i>	39.98	

**06 43 16 Wood Railings (06 43)****06 43 16 00-0001 Handrails (06 43 16)****06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)**

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF		1-1/2" x 1-11/16", Wood Handrail With Brackets.....	8.54	2.38
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 43 16 00-0004	LF		1-7/8" x 2-5/8", Wood Handrail With Brackets.....	9.29	2.38
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 43 16 00-0006	LF		1-1/2" Diameter, Wood Handrail With Brackets.....	11.82	2.38
06 43 16 00-0007	LF		1-3/4" Diameter, Wood Handrail With Brackets.....	12.45	2.38
06 43 16 00-0008	LF		2" Diameter, Wood Handrail With Brackets.....	14.72	2.38
06 43 16 00-0009	LF		2-1/2" Diameter, Wood Handrail With Brackets.....	21.73	2.38

**06 44 Ornamental Woodwork (06 40)****06 44 39 Wood Posts And Columns (06 44)****06 44 39 00-0001 Columns (06 44 39)****06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)**

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	26.01	4.34
06 44 39 00-0004	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	33.48	6.34
06 44 39 00-0005	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	40.36	7.33
06 44 39 00-0006	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	47.15	7.67
06 44 39 00-0007	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	96.90	8.67
06 44 39 00-0008	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	111.76	9.33
06 44 39 00-0009	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	133.26	10.00
06 44 39 00-0010	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	157.77	10.67
06 44 39 00-0011	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	29.25	4.34
06 44 39 00-0012	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	36.07	6.34
06 44 39 00-0013	LF		10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	43.95	7.33
06 44 39 00-0014	LF		12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	50.99	7.67
06 44 39 00-0015	LF		14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	104.69	8.67
06 44 39 00-0016	LF		16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	139.70	9.33
06 44 39 00-0017	LF		18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	150.56	10.00
06 44 39 00-0018	LF		20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	168.89	10.67

**06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base (06 44 39 00-0001)**

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	30.36	4.34
06 44 39 00-0021	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	38.42	6.34
06 44 39 00-0022	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	46.79	7.33
06 44 39 00-0023	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	55.19	7.67



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	117.07	8.67
06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	135.38	9.33
06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	161.98	10.00
06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	192.36	10.67
06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	34.42	4.34
06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	41.97	6.34
06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	51.44	7.33
06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	60.11	7.67
06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	126.82	8.67
06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	170.40	9.33
06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	183.67	10.00
06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base .....	206.32	10.67
<b>06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)</b>		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base .....	27.55	4.34
06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base .....	35.33	6.34
06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base .....	42.69	7.33
06 44 39 00-0040 LF 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base .....	50.04	7.67
06 44 39 00-0041 LF 6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base .....	31.08	4.34
06 44 39 00-0042 LF 8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base .....	38.16	6.34
06 44 39 00-0043 LF 10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base .....	46.60	7.33
06 44 39 00-0044 LF 12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base .....	54.21	7.67
<b>06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)</b>		
Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046 LF 6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	40.50	4.34
06 44 39 00-0047 LF 8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	49.80	6.34
06 44 39 00-0048 LF 10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	61.26	7.33
06 44 39 00-0049 LF 12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	73.61	7.67
06 44 39 00-0050 LF 6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	45.94	4.34
06 44 39 00-0051 LF 8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	55.61	6.34
06 44 39 00-0052 LF 10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	68.06	7.33
06 44 39 00-0053 LF 12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base .....	82.51	7.67
<b>06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)</b>		
Note: For tapered wood columns.		
06 44 39 00-0055 EA 6" Resin Corinthian Capital And Base .....	121.85	9.01
06 44 39 00-0056 EA 8" Resin Corinthian Capital And Base .....	180.73	10.00
06 44 39 00-0057 EA 10" Resin Corinthian Capital And Base .....	249.59	11.67
06 44 39 00-0058 EA 12" Resin Corinthian Capital And Base .....	317.20	13.33
06 44 39 00-0059 EA 6" Resin Greek Erectheum Cap And Base .....	109.49	9.01
06 44 39 00-0060 EA 8" Resin Greek Erectheum Cap And Base .....	149.82	10.00
06 44 39 00-0061 EA 10" Resin Greek Erectheum Cap And Base .....	185.30	11.67
06 44 39 00-0062 EA 12" Resin Greek Erectheum Cap And Base .....	240.55	13.33
06 44 39 00-0063 EA 6" Resin Roman Ionic Capital And Base .....	115.10	9.33
06 44 39 00-0064 EA 8" Resin Roman Ionic Capital And Base .....	149.82	10.00
06 44 39 00-0065 EA 10" Resin Roman Ionic Capital And Base .....	185.30	11.67
06 44 39 00-0066 EA 12" Resin Roman Ionic Capital And Base .....	234.37	13.33
06 44 39 00-0067 EA 6" Resin Scamozzi Capital And Base .....	116.34	9.33
06 44 39 00-0068 EA 8" Resin Scamozzi Capital And Base .....	162.19	10.00
06 44 39 00-0069 EA 10" Resin Scamozzi Capital And Base .....	191.48	11.67
06 44 39 00-0070 EA 12" Resin Scamozzi Capital And Base .....	260.33	13.33
06 44 39 00-0071 EA 6" Resin Temple Of Winds Cap And Base .....	116.34	9.33
06 44 39 00-0072 EA 8" Resin Temple Of Winds Cap And Base .....	175.79	10.00
06 44 39 00-0073 EA 10" Resin Temple Of Winds Cap And Base .....	231.04	11.67
06 44 39 00-0074 EA 12" Resin Temple Of Winds Cap And Base .....	285.06	13.33
<b>06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)</b>		
Note: For tapered wood columns.		
06 44 39 00-0076 EA 6" Plaster Corinthian Capital And Base .....	236.83	9.01
06 44 39 00-0077 EA 8" Plaster Corinthian Capital And Base .....	266.04	10.00
06 44 39 00-0078 EA 10" Plaster Corinthian Capital And Base .....	337.36	11.67
06 44 39 00-0079 EA 12" Plaster Corinthian Capital And Base .....	371.60	13.33
06 44 39 00-0080 EA 6" Plaster Greek Erectheum Cap And Base .....	160.18	9.01
06 44 39 00-0081 EA 8" Plaster Greek Erectheum Cap And Base .....	185.68	10.00
06 44 39 00-0082 EA 10" Plaster Greek Erectheum Cap And Base .....	228.57	11.67
06 44 39 00-0083 EA 12" Plaster Greek Erectheum Cap And Base .....	286.30	13.33
06 44 39 00-0084 EA 6" Plaster Roman Ionic Capital And Base .....	154.66	9.33
06 44 39 00-0085 EA 8" Plaster Roman Ionic Capital And Base .....	200.51	10.00
06 44 39 00-0086 EA 10" Plaster Roman Ionic Capital And Base .....	242.17	11.67
06 44 39 00-0087 EA 12" Plaster Roman Ionic Capital And Base .....	286.30	13.33
06 44 39 00-0088 EA 6" Plaster Scamozzi Capital And Base .....	181.86	9.33
06 44 39 00-0089 EA 8" Plaster Scamozzi Capital And Base .....	238.84	10.00
06 44 39 00-0090 EA 10" Plaster Scamozzi Capital And Base .....	269.37	11.67
06 44 39 00-0091 EA 12" Plaster Scamozzi Capital And Base .....	340.69	13.33
06 44 39 00-0092 EA 6" Plaster Temple Of Winds Cap And Base .....	154.66	9.33

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0093	EA		8" Plaster Temple Of Winds Cap And Base.....	198.04	10.00
06 44 39 00-0094	EA		10" Plaster Temple Of Winds Cap And Base.....	257.00	11.67
06 44 39 00-0095	EA		12" Plaster Temple Of Winds Cap And Base.....	327.09	13.33
06 44 39 00-0096	EA		6" Plaster Empire Capital And Base .....	173.21	9.33
06 44 39 00-0097	EA		8" Plaster Empire Capital And Base .....	210.40	10.00
06 44 39 00-0098	EA		10" Plaster Empire Capital And Base.....	255.77	11.67
06 44 39 00-0099	EA		12" Plaster Empire Capital And Base.....	286.30	13.33

**06 46 Wood Trim** (06 40)**06 46 13 Wood Door and Window Casings** (06 46)**06 46 13 00-0001 Door and Window Casings** (06 46 13)

06 46 13 00-0002	LF		1-1/8" Wide Plain Pine Door And Window Molding.....	2.08	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 13 00-0003	LF		1-1/8" Wide Detailed Pine Door And Window Molding.....	2.10	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 13 00-0004	LF		2-1/2" Wide Pine Complete Door And Window Trim.....	2.50	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	

**06 46 19 Wood Base And Shoe Moldings** (06 46)**06 46 19 00-0001 Base And Shoe Molding** (06 46 19)

06 46 19 00-0002	LF		1/2" x 1/2" Pine Quarter Round Trim.....	2.22	0.91
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 19 00-0003	LF		3/4" x 3/4" Pine Quarter Round Trim.....	2.33	0.91
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 19 00-0004	LF		3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	2.65	0.58
			<i>For Clear Birch, Add</i>	0.24	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.52	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.13	
			<i>For Clear Poplar, Add</i>	0.15	
06 46 19 00-0005	LF		4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	3.23	0.72
			<i>For Clear Birch, Add</i>	0.27	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.62	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.15	
			<i>For Clear Poplar, Add</i>	0.17	
06 46 19 00-0006	LF		5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	3.94	0.81
			<i>For Clear Birch, Add</i>	0.42	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.85	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.24	
			<i>For Clear Poplar, Add</i>	0.26	
06 46 19 00-0007	LF		3/4" x 1" Oak Base Shoe .....	2.63	0.91
06 46 19 00-0008	LF		3/4" x 1" White Pine Base Shoe, Stain Grade.....	2.57	0.91
06 46 19 00-0009	LF		3/4" x 1" White Pine Base Shoe, Paint Grade.....	2.42	0.91

**06 46 23 Wood Chair Rails** (06 46)**06 46 23 00-0001 Chair Rails** (06 46 23)

06 46 23 00-0002	LF		5/8" x 2-1/2" White Pine Shaped Chair Rail .....	3.12	0.86
			<i>For Birch, Add</i>	0.39	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.74	
			<i>For Poplar, Add</i>	0.24	
06 46 23 00-0003	LF		5/8" x 3-1/2" White Pine Shaped Chair Rail .....	3.73	0.86
			<i>For Birch, Add</i>	0.58	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.01	
			<i>For Poplar, Add</i>	0.36	
06 46 23 00-0004	LF		1/2" x 1-5/8" White Pine Shaped Chair Rail .....	2.32	0.86
			<i>For Birch, Add</i>	0.28	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.54	
			<i>For Poplar, Add</i>	0.18	

**06 46 26 Wood Cornices** (06 46)**06 46 26 00-0001 Wood Cornices** (06 46 26)

06 46 26 00-0002	LF		1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	2.46	0.86
			<i>For Birch, Add</i>	0.20	
			<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	0.44	
			<i>For Poplar, Add</i>	0.25	
06 46 26 00-0003	LF		1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	2.98	0.91
			<i>For Birch, Add</i>	0.36	
			<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	0.64	
			<i>For Poplar, Add</i>	0.45	
06 46 26 00-0004	LF		1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	3.97	0.96
			<i>For Birch, Add</i>	0.68	
			<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.06	
			<i>For Poplar, Add</i>	0.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 26 00-0005 LF 1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	4.52	0.96
<i>For Birch, Add</i>	0.85	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.27	
<i>For Poplar, Add</i>	1.06	
06 46 26 00-0006 LF 1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	5.16	1.00
<i>For Birch, Add</i>	1.04	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.53	
<i>For Poplar, Add</i>	1.30	
06 46 26 00-0007 LF 1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	6.49	1.10
<i>For Birch, Add</i>	1.48	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.09	
<i>For Poplar, Add</i>	1.85	
<b>06 46 29 Wood Fasciae And Soffits (06 46)</b>		
06 46 29 00-0001 Fascia Board (06 46 29)		
06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)		
06 46 29 00-0003 LF 1" x 6" Pine Fascia Board.....	2.53	0.96
06 46 29 00-0004 LF 1" x 8" Pine Fascia Board.....	2.95	1.06
06 46 29 00-0005 LF 1" x 10" Pine Fascia Board.....	3.25	1.11
06 46 29 00-0006 LF 1" x 12" Pine Fascia Board.....	3.94	1.24
06 46 29 00-0007 LF 2" x 6" Pine Fascia Board.....	2.48	0.96
06 46 29 00-0008 LF 2" x 8" Pine Fascia Board.....	2.88	1.06
06 46 29 00-0009 LF 2" x 10" Pine Fascia Board.....	3.35	1.11
06 46 29 00-0010 LF 2" x 12" Pine Fascia Board.....	4.22	1.24
06 46 29 00-0011 Cedar Fascia Board (06 46 29 00-0001)		
06 46 29 00-0012 LF 1" x 6" Cedar Fascia Board.....	2.83	0.96
06 46 29 00-0013 LF 1" x 8" Cedar Fascia Board.....	3.41	1.06
06 46 29 00-0014 LF 1" x 10" Cedar Fascia Board.....	4.15	1.11
06 46 29 00-0015 LF 1" x 12" Cedar Fascia Board.....	5.19	1.24
06 46 29 00-0016 Engineered Wood Fascia Board (06 46 29 00-0001)		
06 46 29 00-0017 LF 1" x 6" Engineered Wood Fascia Board.....	2.36	0.96
06 46 29 00-0018 LF 1" x 8" Engineered Wood Fascia Board.....	2.72	1.06
06 46 29 00-0019 LF 1" x 12" Engineered Wood Fascia Board.....	3.40	1.24
06 46 29 00-0020 Soffit (06 46 29)		
06 46 29 00-0021 Sanded Plywood Soffit (06 46 29 00-0020)		
06 46 29 00-0022 SF 3/8" Thick, Sanded Plywood Soffit.....	2.30	0.73
06 46 29 00-0023 SF 1/2" Thick, Sanded Plywood Soffit.....	2.57	0.77
06 46 29 00-0024 SF 5/8" Thick, Sanded Plywood Soffit.....	2.69	0.80
06 46 29 00-0025 SF 3/4" Thick, Sanded Plywood Soffit.....	3.05	0.84
06 46 29 00-0026 MDO Plywood Soffit (06 46 29 00-0020)		
06 46 29 00-0027 SF 3/8" Thick, MDO Plywood Soffit.....	2.69	0.73
06 46 29 00-0028 SF 1/2" Thick, MDO Plywood Soffit.....	3.06	0.77
06 46 29 00-0029 SF 3/4" Thick, MDO Plywood Soffit.....	4.01	0.84
06 46 29 00-0030 Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0020)		
06 46 29 00-0031 SF 1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	1.76	0.64
06 46 29 00-0032 SF 5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	1.93	0.67
<b>06 46 36 Custom Wood Molding (06 46)</b>		
Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001 Ash (06 46 36)		
06 46 36 00-0002 LF 3/4" x 1-1/2" Custom Shaped Ash.....	2.92	0.53
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 36 00-0003 LF 3/4" x 2-1/2" Custom Shaped Ash.....	3.59	0.53
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
06 46 36 00-0004 LF 3/4" x 3-1/2" Custom Shaped Ash.....	4.26	0.53
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0005 LF 3/4" x 4-1/2" Custom Shaped Ash.....	4.94	0.58
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0006 LF 3/4" x 5-1/2" Custom Shaped Ash.....	5.66	0.58
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0007 LF 3/4" x 6-1/2" Custom Shaped Ash.....	6.39	0.62
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0008 LF 3/4" x 7-1/2" Custom Shaped Ash.....	7.06	0.62
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0009 LF 3/4" x 8-1/2" Custom Shaped Ash.....	7.73	0.62
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.50	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

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VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0010	LF		3/4" x 9-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.38 0.51	0.67
06 46 36 00-0011	LF		3/4" x 10-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.11 0.53	0.67
06 46 36 00-0012	LF		3/4" x 11-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.81 0.55	0.72
06 46 36 00-0013	LF		1" x 1-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.39 0.40	0.53
06 46 36 00-0014	LF		1" x 2-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.28 0.41	0.53
06 46 36 00-0015	LF		1" x 3-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.15 0.42	0.58
06 46 36 00-0016	LF		1" x 4-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.03 0.43	0.58
06 46 36 00-0017	LF		1" x 5-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.97 0.46	0.62
06 46 36 00-0018	LF		1" x 6-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.91 0.49	0.62
06 46 36 00-0019	LF		1" x 7-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.77 0.49	0.62
06 46 36 00-0020	LF		1" x 8-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.67 0.51	0.67
06 46 36 00-0021	LF		1" x 9-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.54 0.52	0.67
06 46 36 00-0022	LF		1" x 10-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.47 0.54	0.72
06 46 36 00-0023	LF		1" x 11-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.37 0.56	0.72
06 46 36 00-0024	LF		1-1/4" x 1-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.99 0.41	0.53
06 46 36 00-0025	LF		1-1/4" x 2-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.14 0.42	0.53
06 46 36 00-0026	LF		1-1/4" x 3-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.31 0.43	0.58
06 46 36 00-0027	LF		1-1/4" x 4-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.46 0.45	0.58
06 46 36 00-0028	LF		1-1/4" x 5-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.67 0.47	0.62
06 46 36 00-0029	LF		1-1/4" x 6-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.88 0.49	0.62
06 46 36 00-0030	LF		1-1/4" x 7-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.03 0.51	0.67
06 46 36 00-0031	LF		1-1/4" x 8-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.19 0.52	0.67
06 46 36 00-0032	LF		1-1/4" x 9-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.33 0.53	0.67
06 46 36 00-0033	LF		1-1/4" x 10-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.56 0.56	0.72
06 46 36 00-0034	LF		1-1/4" x 11-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.74 0.57	0.77
06 46 36 00-0035	LF		1-1/2" x 1-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.83 0.42	0.53
06 46 36 00-0036	LF		1-1/2" x 2-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.38 0.43	0.58
06 46 36 00-0037	LF		1-1/2" x 3-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.93 0.44	0.58
06 46 36 00-0038	LF		1-1/2" x 4-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.50 0.46	0.62
06 46 36 00-0039	LF		1-1/2" x 5-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.06 0.47	0.62
06 46 36 00-0040	LF		1-1/2" x 6-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.71 0.51	0.67
06 46 36 00-0041	LF		1-1/2" x 7-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.29 0.52	0.67
06 46 36 00-0042	LF		1-1/2" x 8-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.82 0.53	0.67
06 46 36 00-0043	LF		1-1/2" x 9-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.35 0.54	0.72
06 46 36 00-0044	LF		1-1/2" x 10-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.13 0.57	0.72
06 46 36 00-0045	LF		1-1/2" x 11-1/2" Custom Shaped Ash..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.55 0.58	0.77
06 46 36 00-0046			<b>Basswood</b> <small>(06 46 36)</small>		
06 46 36 00-0047	LF		3/4" x 1-1/2" Custom Shaped Basswood..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.50 0.39	0.53
06 46 36 00-0048	LF		3/4" x 2-1/2" Custom Shaped Basswood..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.98 0.40	0.53
06 46 36 00-0049	LF		3/4" x 3-1/2" Custom Shaped Basswood..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.44 0.41	0.53
06 46 36 00-0050	LF		3/4" x 4-1/2" Custom Shaped Basswood..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.91 0.43	0.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0051 LF 3/4" x 5-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.42 0.45	0.58
06 46 36 00-0052 LF 3/4" x 6-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.94 0.47	0.62
06 46 36 00-0053 LF 3/4" x 7-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.41 0.49	0.62
06 46 36 00-0054 LF 3/4" x 8-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.88 0.50	0.67
06 46 36 00-0055 LF 3/4" x 9-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.32 0.51	0.67
06 46 36 00-0056 LF 3/4" x 10-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.84 0.53	0.72
06 46 36 00-0057 LF 3/4" x 11-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.34 0.55	0.72
06 46 36 00-0058 LF 1" x 1-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.80 0.40	0.53
06 46 36 00-0059 LF 1" x 2-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.39 0.41	0.53
06 46 36 00-0060 LF 1" x 3-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.97 0.42	0.58
06 46 36 00-0061 LF 1" x 4-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.55 0.43	0.58
06 46 36 00-0062 LF 1" x 5-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.21 0.46	0.62
06 46 36 00-0063 LF 1" x 6-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.85 0.49	0.62
06 46 36 00-0064 LF 1" x 7-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.42 0.49	0.67
06 46 36 00-0065 LF 1" x 8-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.02 0.51	0.67
06 46 36 00-0066 LF 1" x 9-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.59 0.52	0.67
06 46 36 00-0067 LF 1" x 10-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.23 0.54	0.72
06 46 36 00-0068 LF 1" x 11-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.84 0.56	0.72
06 46 36 00-0069 LF 1-1/2" x 1-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.66 0.41	0.53
06 46 36 00-0070 LF 1-1/2" x 2-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.66 0.42	0.53
06 46 36 00-0071 LF 1-1/2" x 3-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.66 0.43	0.58
06 46 36 00-0072 LF 1-1/2" x 4-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.65 0.45	0.58
06 46 36 00-0073 LF 1-1/2" x 5-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.70 0.47	0.62
06 46 36 00-0074 LF 1-1/2" x 6-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.74 0.49	0.67
06 46 36 00-0075 LF 1-1/2" x 7-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.74 0.51	0.67
06 46 36 00-0076 LF 1-1/2" x 8-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.74 0.52	0.67
06 46 36 00-0077 LF 1-1/2" x 9-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.71 0.53	0.67
06 46 36 00-0078 LF 1-1/2" x 10-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.78 0.56	0.72
06 46 36 00-0079 LF 1-1/2" x 11-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.79 0.57	0.77
06 46 36 00-0080 LF 3-1/2" x 3-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.89 0.47	0.62
06 46 36 00-0081 LF 3-1/2" x 4-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.69 0.49	0.62
06 46 36 00-0082 LF 3-1/2" x 5-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.45 0.51	0.67
06 46 36 00-0083 LF 3-1/2" x 6-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.30 0.54	0.72
06 46 36 00-0084 LF 3-1/2" x 7-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.04 0.55	0.72
06 46 36 00-0085 LF 3-1/2" x 8-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.89 0.57	0.77
06 46 36 00-0086 LF 3-1/2" x 9-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.61 0.58	0.77
06 46 36 00-0087 LF 3-1/2" x 10-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.37 0.59	0.77
06 46 36 00-0088 LF 3-1/2" x 11-1/2" Custom Shaped Basswood ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.23 0.63	0.81
<b>06 46 36 00-0089 Birch</b> <small>(06 46 36)</small>		
06 46 36 00-0090 LF 3/4" x 1-1/2" Custom Shaped Birch ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.65 0.39	0.53
06 46 36 00-0091 LF 3/4" x 2-1/2" Custom Shaped Birch ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.20 0.40	0.53

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0092	LF		3/4" x 3-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.73 0.41	0.53
06 46 36 00-0093	LF		3/4" x 4-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.28 0.43	0.58
06 46 36 00-0094	LF		3/4" x 5-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.86 0.45	0.58
06 46 36 00-0095	LF		3/4" x 6-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.46 0.47	0.62
06 46 36 00-0096	LF		3/4" x 7-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.00 0.49	0.62
06 46 36 00-0097	LF		3/4" x 8-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.54 0.50	0.62
06 46 36 00-0098	LF		3/4" x 9-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.06 0.51	0.67
06 46 36 00-0099	LF		3/4" x 10-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.65 0.53	0.67
06 46 36 00-0100	LF		3/4" x 11-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.22 0.55	0.72
06 46 36 00-0101	LF		1" x 1-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.03 0.40	0.53
06 46 36 00-0102	LF		1" x 2-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.72 0.41	0.53
06 46 36 00-0103	LF		1" x 3-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.42 0.42	0.58
06 46 36 00-0104	LF		1" x 4-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.11 0.43	0.58
06 46 36 00-0105	LF		1" x 5-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.87 0.46	0.62
06 46 36 00-0106	LF		1" x 6-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.61 0.49	0.62
06 46 36 00-0107	LF		1" x 7-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.30 0.49	0.62
06 46 36 00-0108	LF		1" x 8-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.02 0.51	0.67
06 46 36 00-0109	LF		1" x 9-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.70 0.52	0.67
06 46 36 00-0110	LF		1" x 10-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.44 0.54	0.72
06 46 36 00-0111	LF		1" x 11-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.17 0.56	0.72
06 46 36 00-0112	LF		1-1/4" x 1-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.46 0.41	0.53
06 46 36 00-0113	LF		1-1/4" x 2-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.35 0.42	0.53
06 46 36 00-0114	LF		1-1/4" x 3-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.25 0.43	0.58
06 46 36 00-0115	LF		1-1/4" x 4-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.13 0.45	0.58
06 46 36 00-0116	LF		1-1/4" x 5-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.08 0.47	0.62
06 46 36 00-0117	LF		1-1/4" x 6-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.02 0.49	0.62
06 46 36 00-0118	LF		1-1/4" x 7-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.91 0.51	0.67
06 46 36 00-0119	LF		1-1/4" x 8-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.81 0.52	0.67
06 46 36 00-0120	LF		1-1/4" x 9-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.68 0.53	0.67
06 46 36 00-0121	LF		1-1/4" x 10-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.65 0.56	0.72
06 46 36 00-0122	LF		1-1/4" x 11-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.56 0.57	0.77
06 46 36 00-0123	LF		1-1/2" x 1-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.13 0.42	0.53
06 46 36 00-0124	LF		1-1/2" x 2-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.32 0.43	0.58
06 46 36 00-0125	LF		1-1/2" x 3-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.52 0.44	0.58
06 46 36 00-0126	LF		1-1/2" x 4-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.73 0.46	0.62
06 46 36 00-0127	LF		1-1/2" x 5-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.94 0.47	0.62
06 46 36 00-0128	LF		1-1/2" x 6-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.24 0.51	0.67
06 46 36 00-0129	LF		1-1/2" x 7-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.43 0.52	0.67
06 46 36 00-0130	LF		1-1/2" x 8-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.64 0.53	0.67
06 46 36 00-0131	LF		1-1/2" x 9-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.82 0.54	0.72
06 46 36 00-0132	LF		1-1/2" x 10-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.25 0.57	0.72
06 46 36 00-0133	LF		1-1/2" x 11-1/2" Custom Shaped Birch..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.32 0.58	0.77



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**06 46 36 00-0134 Clear Western Cedar** (06 46 36)

06 46 36 00-0135	LF			3/4" x 1-1/2" Custom Shaped Clear West Cedar	2.65	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 36 00-0136	LF			3/4" x 2-1/2" Custom Shaped Clear West Cedar	3.20	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
06 46 36 00-0137	LF			3/4" x 3-1/2" Custom Shaped Clear West Cedar	3.73	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0138	LF			3/4" x 4-1/2" Custom Shaped Clear West Cedar	4.28	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0139	LF			3/4" x 5-1/2" Custom Shaped Clear West Cedar	4.86	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0140	LF			3/4" x 6-1/2" Custom Shaped Clear West Cedar	5.46	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0141	LF			1" x 1-1/2" Custom Shaped Clear West Cedar	3.05	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
06 46 36 00-0142	LF			1" x 2-1/2" Custom Shaped Clear West Cedar	3.78	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0143	LF			1" x 3-1/2" Custom Shaped Clear West Cedar	4.49	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0144	LF			1" x 4-1/2" Custom Shaped Clear West Cedar	5.20	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0145	LF			1" x 5-1/2" Custom Shaped Clear West Cedar	5.97	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0146	LF			1" x 6-1/2" Custom Shaped Clear West Cedar	6.75	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0147	LF			1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	3.84	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0148	LF			1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	4.92	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0149	LF			1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	6.01	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0150	LF			1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	7.09	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0151	LF			1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	8.23	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0152	LF			1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	9.36	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0153	LF			1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	3.95	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0154	LF			1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	5.06	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0155	LF			1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	6.17	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.44	
06 46 36 00-0156	LF			1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	7.29	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0157	LF			1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	8.41	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0158	LF			1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	9.62	0.67
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0159	LF			3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	11.48	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0160	LF			3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	13.92	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0161	LF			3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	16.33	0.67
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0162	LF			3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	18.82	0.72
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0163	LF			3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	21.22	0.72
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
06 46 36 00-0164	LF			3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	23.68	0.77
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0165	LF			3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	26.08	0.77
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.58	
06 46 36 00-0166	LF			3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	28.48	0.77
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.59	
06 46 36 00-0167	LF			3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	30.99	0.81
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.63	

**06 46 36 00-0168 Cherry** (06 46 36)

06 46 36 00-0169	LF			3/4" x 1-1/2" Custom Shaped Cherry	3.12	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 36 00-0170	LF			3/4" x 2-1/2" Custom Shaped Cherry	3.90	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
06 46 36 00-0171	LF			3/4" x 3-1/2" Custom Shaped Cherry	4.67	0.53
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0172	LF			3/4" x 4-1/2" Custom Shaped Cherry	5.46	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0173	LF			3/4" x 5-1/2" Custom Shaped Cherry	6.28	0.58
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0174	LF			3/4" x 6-1/2" Custom Shaped Cherry	7.11	0.62
				<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0175	LF		3/4" x 7-1/2" Custom Shaped Cherry.....	7.88	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0176	LF		3/4" x 8-1/2" Custom Shaped Cherry.....	8.66	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.50	
06 46 36 00-0177	LF		3/4" x 9-1/2" Custom Shaped Cherry.....	9.41	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0178	LF		3/4" x 10-1/2" Custom Shaped Cherry.....	10.24	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0179	LF		3/4" x 11-1/2" Custom Shaped Cherry.....	11.04	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
06 46 36 00-0180	LF		1" x 1-1/2" Custom Shaped Cherry.....	3.64	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
06 46 36 00-0181	LF		1" x 2-1/2" Custom Shaped Cherry.....	4.66	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0182	LF		1" x 3-1/2" Custom Shaped Cherry.....	5.67	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0183	LF		1" x 4-1/2" Custom Shaped Cherry.....	6.67	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0184	LF		1" x 5-1/2" Custom Shaped Cherry.....	7.74	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0185	LF		1" x 6-1/2" Custom Shaped Cherry.....	8.81	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0186	LF		1" x 7-1/2" Custom Shaped Cherry.....	9.80	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0187	LF		1" x 8-1/2" Custom Shaped Cherry.....	10.84	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0188	LF		1" x 9-1/2" Custom Shaped Cherry.....	11.82	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0189	LF		1" x 10-1/2" Custom Shaped Cherry.....	12.88	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0190	LF		1" x 11-1/2" Custom Shaped Cherry.....	13.92	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
06 46 36 00-0191	LF		1-1/4" x 1-1/2" Custom Shaped Cherry.....	4.21	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0192	LF		1-1/4" x 2-1/2" Custom Shaped Cherry.....	5.48	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0193	LF		1-1/4" x 3-1/2" Custom Shaped Cherry.....	6.75	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0194	LF		1-1/4" x 4-1/2" Custom Shaped Cherry.....	8.02	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0195	LF		1-1/4" x 5-1/2" Custom Shaped Cherry.....	9.34	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0196	LF		1-1/4" x 6-1/2" Custom Shaped Cherry.....	10.66	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0197	LF		1-1/4" x 7-1/2" Custom Shaped Cherry.....	11.91	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0198	LF		1-1/4" x 8-1/2" Custom Shaped Cherry.....	13.20	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0199	LF		1-1/4" x 9-1/2" Custom Shaped Cherry.....	14.43	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0200	LF		1-1/4" x 10-1/2" Custom Shaped Cherry.....	15.78	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
06 46 36 00-0201	LF		1-1/4" x 11-1/2" Custom Shaped Cherry.....	17.06	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0202	LF		1-1/2" x 1-1/2" Custom Shaped Cherry.....	5.24	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0203	LF		1-1/2" x 2-1/2" Custom Shaped Cherry.....	7.00	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0204	LF		1-1/2" x 3-1/2" Custom Shaped Cherry.....	8.76	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.44	
06 46 36 00-0205	LF		1-1/2" x 4-1/2" Custom Shaped Cherry.....	10.53	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0206	LF		1-1/2" x 5-1/2" Custom Shaped Cherry.....	12.29	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0207	LF		1-1/2" x 6-1/2" Custom Shaped Cherry.....	14.15	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0208	LF		1-1/2" x 7-1/2" Custom Shaped Cherry.....	15.91	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0209	LF		1-1/2" x 8-1/2" Custom Shaped Cherry.....	17.68	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0210	LF		1-1/2" x 9-1/2" Custom Shaped Cherry.....	19.41	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0211	LF		1-1/2" x 10-1/2" Custom Shaped Cherry.....	21.28	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0212	LF		1-1/2" x 11-1/2" Custom Shaped Cherry.....	23.03	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.58	
06 46 36 00-0213			<b>Cypress</b> <small>(06 46 36)</small>		
06 46 36 00-0214	LF		3/4" x 1-1/2" Custom Shaped Cypress.....	2.50	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.39	
06 46 36 00-0215	LF		3/4" x 2-1/2" Custom Shaped Cypress.....	2.98	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0216 LF 3/4" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.44 0.41	0.53
06 46 36 00-0217 LF 3/4" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.91 0.43	0.58
06 46 36 00-0218 LF 3/4" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.42 0.45	0.58
06 46 36 00-0219 LF 3/4" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.94 0.47	0.62
06 46 36 00-0220 LF 3/4" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.52 0.49	0.62
06 46 36 00-0221 LF 3/4" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.01 0.50	0.62
06 46 36 00-0222 LF 3/4" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.91 0.51	0.67
06 46 36 00-0223 LF 3/4" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.49 0.53	0.67
06 46 36 00-0224 LF 1" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.17 0.40	0.53
06 46 36 00-0225 LF 1" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.94 0.41	0.53
06 46 36 00-0226 LF 1" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.71 0.42	0.58
06 46 36 00-0227 LF 1" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.48 0.43	0.58
06 46 36 00-0228 LF 1" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.31 0.46	0.62
06 46 36 00-0229 LF 1" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.13 0.49	0.62
06 46 36 00-0230 LF 1" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.89 0.49	0.62
06 46 36 00-0231 LF 1" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.68 0.51	0.67
06 46 36 00-0232 LF 1" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.43 0.52	0.67
06 46 36 00-0233 LF 1" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.28 0.54	0.72
06 46 36 00-0234 LF 1" x 11-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.05 0.56	0.72
06 46 36 00-0235 LF 1-1/2" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.65 0.42	0.53
06 46 36 00-0236 LF 1-1/2" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.62 0.43	0.58
06 46 36 00-0237 LF 1-1/2" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.58 0.44	0.58
06 46 36 00-0238 LF 1-1/2" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.55 0.46	0.62
06 46 36 00-0239 LF 1-1/2" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.53 0.47	0.62
06 46 36 00-0240 LF 1-1/2" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.59 0.51	0.67
06 46 36 00-0241 LF 1-1/2" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.55 0.52	0.67
06 46 36 00-0242 LF 1-1/2" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.52 0.53	0.67
06 46 36 00-0243 LF 1-1/2" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.35 0.54	0.72
06 46 36 00-0244 LF 1-1/2" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.45 0.57	0.72
<b>06 46 36 00-0245 Fir</b> <small>(06 46 36)</small>		
06 46 36 00-0246 LF 3/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.74 0.39	0.53
06 46 36 00-0247 LF 3/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.33 0.40	0.53
06 46 36 00-0248 LF 3/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.91 0.41	0.53
06 46 36 00-0249 LF 3/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.50 0.43	0.58
06 46 36 00-0250 LF 3/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.13 0.45	0.58
06 46 36 00-0251 LF 3/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.77 0.47	0.62
06 46 36 00-0252 LF 3/4" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.35 0.49	0.62
06 46 36 00-0253 LF 3/4" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.94 0.50	0.62
06 46 36 00-0254 LF 3/4" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.50 0.51	0.67
06 46 36 00-0255 LF 3/4" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.14 0.53	0.72
06 46 36 00-0256 LF 1" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.17 0.40	0.53

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0257	LF		1" x 2-1/2" Custom Shaped Fir.....	3.94	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0258	LF		1" x 3-1/2" Custom Shaped Fir.....	4.71	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0259	LF		1" x 4-1/2" Custom Shaped Fir.....	5.48	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0260	LF		1" x 5-1/2" Custom Shaped Fir.....	6.31	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0261	LF		1" x 6-1/2" Custom Shaped Fir.....	7.13	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0262	LF		1" x 7-1/2" Custom Shaped Fir.....	7.89	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0263	LF		1" x 8-1/2" Custom Shaped Fir.....	8.68	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0264	LF		1" x 9-1/2" Custom Shaped Fir.....	9.43	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0265	LF		1" x 10-1/2" Custom Shaped Fir.....	10.28	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0266	LF		1" x 11-1/2" Custom Shaped Fir.....	11.05	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
06 46 36 00-0267	LF		1-1/4" x 1-1/2" Custom Shaped Fir.....	3.50	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.41	
06 46 36 00-0268	LF		1-1/4" x 2-1/2" Custom Shaped Fir.....	4.42	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0269	LF		1-1/4" x 3-1/2" Custom Shaped Fir.....	5.33	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0270	LF		1-1/4" x 4-1/2" Custom Shaped Fir.....	6.25	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0271	LF		1-1/4" x 5-1/2" Custom Shaped Fir.....	7.22	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0272	LF		1-1/4" x 6-1/2" Custom Shaped Fir.....	8.18	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0273	LF		1-1/4" x 7-1/2" Custom Shaped Fir.....	9.09	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0274	LF		1-1/4" x 8-1/2" Custom Shaped Fir.....	10.02	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0275	LF		1-1/4" x 9-1/2" Custom Shaped Fir.....	10.90	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0276	LF		1-1/4" x 10-1/2" Custom Shaped Fir.....	11.90	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
06 46 36 00-0277	LF		1-1/4" x 11-1/2" Custom Shaped Fir.....	12.82	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0278	LF		1-1/2" x 1-1/2" Custom Shaped Fir.....	3.95	0.53
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.42	
06 46 36 00-0279	LF		1-1/2" x 2-1/2" Custom Shaped Fir.....	5.06	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.43	
06 46 36 00-0280	LF		1-1/2" x 3-1/2" Custom Shaped Fir.....	6.17	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.44	
06 46 36 00-0281	LF		1-1/2" x 4-1/2" Custom Shaped Fir.....	7.29	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0282	LF		1-1/2" x 5-1/2" Custom Shaped Fir.....	8.41	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.47	
06 46 36 00-0283	LF		1-1/2" x 6-1/2" Custom Shaped Fir.....	9.62	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.51	
06 46 36 00-0284	LF		1-1/2" x 7-1/2" Custom Shaped Fir.....	10.73	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.52	
06 46 36 00-0285	LF		1-1/2" x 8-1/2" Custom Shaped Fir.....	11.85	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0286	LF		1-1/2" x 9-1/2" Custom Shaped Fir.....	12.94	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0287	LF		1-1/2" x 10-1/2" Custom Shaped Fir.....	14.13	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0288	LF		1-1/2" x 11-1/2" Custom Shaped Fir.....	15.26	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.58	
06 46 36 00-0289	LF		2-1/2" x 1-1/2" Custom Shaped Fir.....	6.15	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.44	
06 46 36 00-0290	LF		2-1/2" x 2-1/2" Custom Shaped Fir.....	8.32	0.58
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
06 46 36 00-0291	LF		2-1/2" x 3-1/2" Custom Shaped Fir.....	10.49	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.46	
06 46 36 00-0292	LF		2-1/2" x 4-1/2" Custom Shaped Fir.....	12.70	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.48	
06 46 36 00-0293	LF		2-1/2" x 5-1/2" Custom Shaped Fir.....	14.87	0.62
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.49	
06 46 36 00-0294	LF		2-1/2" x 6-1/2" Custom Shaped Fir.....	17.13	0.67
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.53	
06 46 36 00-0295	LF		2-1/2" x 7-1/2" Custom Shaped Fir.....	19.30	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.54	
06 46 36 00-0296	LF		2-1/2" x 8-1/2" Custom Shaped Fir.....	21.54	0.72
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.56	
06 46 36 00-0297	LF		2-1/2" x 9-1/2" Custom Shaped Fir.....	23.68	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57	
06 46 36 00-0298	LF		2-1/2" x 10-1/2" Custom Shaped Fir.....	25.85	0.77
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.58	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0299 LF 3-1/2" x 3-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.92 0.47	0.62
06 46 36 00-0300 LF 3-1/2" x 4-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.69 0.49	0.62
06 46 36 00-0301 LF 3-1/2" x 5-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.45 0.51	0.67
06 46 36 00-0302 LF 3-1/2" x 6-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.30 0.54	0.72
06 46 36 00-0303 LF 3-1/2" x 7-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.04 0.55	0.72
06 46 36 00-0304 LF 3-1/2" x 8-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.86 0.57	0.77
06 46 36 00-0305 LF 3-1/2" x 9-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.61 0.58	0.77
06 46 36 00-0306 LF 3-1/2" x 10-1/2" Custom Shaped Fir ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.37 0.59	0.77
<b>06 46 36 00-0307 Honduran Mahogany</b> <small>(06 46 36)</small>		
06 46 36 00-0308 LF 3/4" x 1-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.30 0.39	0.53
06 46 36 00-0309 LF 3/4" x 2-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.17 0.40	0.53
06 46 36 00-0310 LF 3/4" x 3-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.03 0.41	0.53
06 46 36 00-0311 LF 3/4" x 4-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.90 0.43	0.58
06 46 36 00-0312 LF 3/4" x 5-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.81 0.45	0.58
06 46 36 00-0313 LF 3/4" x 6-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.73 0.47	0.62
06 46 36 00-0314 LF 3/4" x 7-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.59 0.49	0.62
06 46 36 00-0315 LF 3/4" x 8-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.46 0.50	0.67
06 46 36 00-0316 LF 3/4" x 9-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.29 0.51	0.67
06 46 36 00-0317 LF 3/4" x 10-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.21 0.53	0.72
06 46 36 00-0318 LF 3/4" x 11-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.10 0.55	0.72
06 46 36 00-0319 LF 1" x 1-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.91 0.40	0.53
06 46 36 00-0320 LF 1" x 2-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.04 0.41	0.53
06 46 36 00-0321 LF 1" x 3-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.18 0.42	0.58
06 46 36 00-0322 LF 1" x 4-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.32 0.43	0.58
06 46 36 00-0323 LF 1" x 5-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.52 0.46	0.62
06 46 36 00-0324 LF 1" x 6-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.70 0.49	0.62
06 46 36 00-0325 LF 1" x 7-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.83 0.49	0.67
06 46 36 00-0326 LF 1" x 8-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.99 0.51	0.67
06 46 36 00-0327 LF 1" x 9-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.11 0.52	0.67
06 46 36 00-0328 LF 1" x 10-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.30 0.54	0.72
06 46 36 00-0329 LF 1" x 11-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.61 0.56	0.72
06 46 36 00-0330 LF 1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.39 0.41	0.53
06 46 36 00-0331 LF 1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.75 0.42	0.53
06 46 36 00-0332 LF 1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.10 0.43	0.58
06 46 36 00-0333 LF 1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.46 0.45	0.58
06 46 36 00-0334 LF 1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.87 0.47	0.62
06 46 36 00-0335 LF 1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.28 0.49	0.67
06 46 36 00-0336 LF 1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.62 0.51	0.67
06 46 36 00-0337 LF 1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.99 0.52	0.67
06 46 36 00-0338 LF 1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.02 0.53	0.67
06 46 36 00-0339 LF 1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.76 0.56	0.72

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0340	LF	1-1/4"	x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.12 0.57	0.77
06 46 36 00-0341	LF	1-1/2"	x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.30 0.42	0.53
06 46 36 00-0342	LF	1-1/2"	x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.09 0.43	0.58
06 46 36 00-0343	LF	1-1/2"	x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.88 0.44	0.58
06 46 36 00-0344	LF	1-1/2"	x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.67 0.46	0.58
06 46 36 00-0345	LF	1-1/2"	x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.47 0.47	0.62
06 46 36 00-0346	LF	1-1/2"	x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.36 0.51	0.67
06 46 36 00-0347	LF	1-1/2"	x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.14 0.52	0.67
06 46 36 00-0348	LF	1-1/2"	x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.94 0.53	0.72
06 46 36 00-0349	LF	1-1/2"	x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.71 0.54	0.72
06 46 36 00-0350	LF	1-1/2"	x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.57 0.57	0.72
06 46 36 00-0351	LF	1-1/2"	x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.41 0.58	0.77
06 46 36 00-0352	LF	2"	x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.20 0.43	0.58
06 46 36 00-0353	LF	2"	x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.43 0.44	0.58
06 46 36 00-0354	LF	2"	x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.64 0.45	0.58
06 46 36 00-0355	LF	2"	x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.91 0.47	0.62
06 46 36 00-0356	LF	2"	x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.13 0.48	0.62
06 46 36 00-0357	LF	2"	x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.44 0.52	0.67
06 46 36 00-0358	LF	2"	x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.66 0.53	0.67
06 46 36 00-0359	LF	2"	x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.93 0.55	0.72
06 46 36 00-0360	LF	2"	x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.15 0.56	0.72
06 46 36 00-0361	LF	2"	x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.38 0.57	0.77
06 46 36 00-0362	LF	2"	x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.68 0.60	0.81
06 46 36 00-0363	LF	2-1/2"	x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.50 0.44	0.58
06 46 36 00-0364	LF	2-1/2"	x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.91 0.45	0.58
06 46 36 00-0365	LF	2-1/2"	x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.61 0.46	0.62
06 46 36 00-0366	LF	2-1/2"	x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.35 0.48	0.62
06 46 36 00-0367	LF	2-1/2"	x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.05 0.49	0.62
06 46 36 00-0368	LF	2-1/2"	x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.83 0.53	0.67
06 46 36 00-0369	LF	2-1/2"	x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.53 0.54	0.72
06 46 36 00-0370	LF	2-1/2"	x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.28 0.56	0.72
06 46 36 00-0371	LF	2-1/2"	x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.98 0.57	0.77
06 46 36 00-0372	LF	2-1/2"	x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.68 0.58	0.77
06 46 36 00-0373	LF	2-1/2"	x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.47 0.62	0.81
06 46 36 00-0374	LF	3-1/2"	x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.90 0.47	0.62
06 46 36 00-0375	LF	3-1/2"	x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.69 0.49	0.62
06 46 36 00-0376	LF	3-1/2"	x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.45 0.51	0.67
06 46 36 00-0377	LF	3-1/2"	x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.30 0.54	0.72
06 46 36 00-0378	LF	3-1/2"	x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.05 0.55	0.72
06 46 36 00-0379	LF	3-1/2"	x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.87 0.57	0.77
06 46 36 00-0380	LF	3-1/2"	x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.62 0.58	0.77
06 46 36 00-0381	LF	3-1/2"	x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.38 0.59	0.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0382 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.24 0.63	0.81
<b>06 46 36 00-0383 Maple</b> <small>(06 46 36)</small>		
06 46 36 00-0384 LF 3/4" x 1-1/2" Custom Shaped Maple	2.62	0.53
06 46 36 00-0385 LF 3/4" x 2-1/2" Custom Shaped Maple	3.15	0.53
06 46 36 00-0386 LF 3/4" x 3-1/2" Custom Shaped Maple	3.67	0.53
06 46 36 00-0387 LF 3/4" x 4-1/2" Custom Shaped Maple	4.20	0.58
06 46 36 00-0388 LF 3/4" x 5-1/2" Custom Shaped Maple	4.78	0.58
06 46 36 00-0389 LF 3/4" x 6-1/2" Custom Shaped Maple	5.36	0.62
06 46 36 00-0390 LF 3/4" x 7-1/2" Custom Shaped Maple	5.88	0.62
06 46 36 00-0391 LF 3/4" x 8-1/2" Custom Shaped Maple	6.41	0.62
06 46 36 00-0392 LF 3/4" x 9-1/2" Custom Shaped Maple	6.91	0.67
06 46 36 00-0393 LF 3/4" x 10-1/2" Custom Shaped Maple	7.49	0.72
06 46 36 00-0394 LF 3/4" x 11-1/2" Custom Shaped Maple	8.04	0.72
06 46 36 00-0395 LF 1" x 1-1/2" Custom Shaped Maple	3.03	0.53
06 46 36 00-0396 LF 1" x 2-1/2" Custom Shaped Maple	3.72	0.53
06 46 36 00-0397 LF 1" x 3-1/2" Custom Shaped Maple	4.42	0.58
06 46 36 00-0398 LF 1" x 4-1/2" Custom Shaped Maple	5.11	0.58
06 46 36 00-0399 LF 1" x 5-1/2" Custom Shaped Maple	5.87	0.62
06 46 36 00-0400 LF 1" x 6-1/2" Custom Shaped Maple	6.61	0.62
06 46 36 00-0401 LF 1" x 7-1/2" Custom Shaped Maple	7.30	0.62
06 46 36 00-0402 LF 1" x 8-1/2" Custom Shaped Maple	8.02	0.67
06 46 36 00-0403 LF 1" x 9-1/2" Custom Shaped Maple	8.70	0.67
06 46 36 00-0404 LF 1" x 10-1/2" Custom Shaped Maple	9.14	0.72
06 46 36 00-0405 LF 1" x 11-1/2" Custom Shaped Maple	10.17	0.72
06 46 36 00-0406 LF 1-1/4" x 1-1/2" Custom Shaped Maple	3.37	0.53
06 46 36 00-0407 LF 1-1/4" x 2-1/2" Custom Shaped Maple	4.21	0.53
06 46 36 00-0408 LF 1-1/4" x 3-1/2" Custom Shaped Maple	5.07	0.58
06 46 36 00-0409 LF 1-1/4" x 4-1/2" Custom Shaped Maple	5.91	0.58
06 46 36 00-0410 LF 1-1/4" x 5-1/2" Custom Shaped Maple	6.82	0.62
06 46 36 00-0411 LF 1-1/4" x 6-1/2" Custom Shaped Maple	7.71	0.62
06 46 36 00-0412 LF 1-1/4" x 7-1/2" Custom Shaped Maple	8.56	0.67
06 46 36 00-0413 LF 1-1/4" x 8-1/2" Custom Shaped Maple	9.41	0.67
06 46 36 00-0414 LF 1-1/4" x 9-1/2" Custom Shaped Maple	10.24	0.67
06 46 36 00-0415 LF 1-1/4" x 10-1/2" Custom Shaped Maple	11.16	0.72
06 46 36 00-0416 LF 1-1/4" x 11-1/2" Custom Shaped Maple	12.03	0.77
06 46 36 00-0417 LF 1-1/2" x 1-1/2" Custom Shaped Maple	4.07	0.53
06 46 36 00-0418 LF 1-1/2" x 2-1/2" Custom Shaped Maple	5.24	0.58
06 46 36 00-0419 LF 1-1/2" x 3-1/2" Custom Shaped Maple	6.40	0.58
06 46 36 00-0420 LF 1-1/2" x 4-1/2" Custom Shaped Maple	7.58	0.62
06 46 36 00-0421 LF 1-1/2" x 5-1/2" Custom Shaped Maple	8.76	0.62
06 46 36 00-0422 LF 1-1/2" x 6-1/2" Custom Shaped Maple	10.03	0.67
06 46 36 00-0423 LF 1-1/2" x 7-1/2" Custom Shaped Maple	11.20	0.67
06 46 36 00-0424 LF 1-1/2" x 8-1/2" Custom Shaped Maple	12.52	0.72
06 46 36 00-0425 LF 1-1/2" x 9-1/2" Custom Shaped Maple	13.53	0.72
06 46 36 00-0426 LF 1-1/2" x 10-1/2" Custom Shaped Maple	14.80	0.77
06 46 36 00-0427 LF 1-1/2" x 11-1/2" Custom Shaped Maple	15.96	0.77
06 46 36 00-0428 LF 2" x 1-1/2" Custom Shaped Maple	5.17	0.58
06 46 36 00-0429 LF 2" x 2-1/2" Custom Shaped Maple	6.88	0.58
06 46 36 00-0430 LF 2" x 3-1/2" Custom Shaped Maple	8.58	0.58
06 46 36 00-0431 LF 2" x 4-1/2" Custom Shaped Maple	10.34	0.62
06 46 36 00-0432 LF 2" x 5-1/2" Custom Shaped Maple	12.03	0.62
06 46 36 00-0433 LF 2" x 6-1/2" Custom Shaped Maple	13.84	0.67
06 46 36 00-0434 LF 2" x 7-1/2" Custom Shaped Maple	15.54	0.67
06 46 36 00-0435 LF 2" x 8-1/2" Custom Shaped Maple	17.29	0.72
06 46 36 00-0436 LF 2" x 9-1/2" Custom Shaped Maple	19.00	0.72
06 46 36 00-0437 LF 2" x 10-1/2" Custom Shaped Maple	20.71	0.77
06 46 36 00-0438 LF 2" x 11-1/2" Custom Shaped Maple	22.65	0.81
06 46 36 00-0439 LF 3-1/2" x 3-1/2" Custom Shaped Maple	18.07	0.62
06 46 36 00-0440 LF 3-1/2" x 4-1/2" Custom Shaped Maple	22.17	0.62
06 46 36 00-0441 LF 3-1/2" x 5-1/2" Custom Shaped Maple	26.22	0.67
06 46 36 00-0442 LF 3-1/2" x 6-1/2" Custom Shaped Maple	30.36	0.72
06 46 36 00-0443 LF 3-1/2" x 7-1/2" Custom Shaped Maple	34.41	0.72
06 46 36 00-0444 LF 3-1/2" x 8-1/2" Custom Shaped Maple	38.52	0.77
06 46 36 00-0445 LF 3-1/2" x 9-1/2" Custom Shaped Maple	42.56	0.77
06 46 36 00-0446 LF 3-1/2" x 10-1/2" Custom Shaped Maple	46.62	0.77
06 46 36 00-0447 LF 3-1/2" x 11-1/2" Custom Shaped Maple	50.77	0.81
<b>06 46 36 00-0448 Appl Soft Maple</b> <small>(06 46 36)</small>		
06 46 36 00-0449 LF 3/4" x 1-1/2" Custom Shaped Appl Soft Maple	2.65	0.53
06 46 36 00-0450 LF 3/4" x 2-1/2" Custom Shaped Appl Soft Maple	3.20	0.53
06 46 36 00-0451 LF 3/4" x 3-1/2" Custom Shaped Appl Soft Maple	3.73	0.53
06 46 36 00-0452 LF 3/4" x 4-1/2" Custom Shaped Appl Soft Maple	4.28	0.58
06 46 36 00-0453 LF 3/4" x 5-1/2" Custom Shaped Appl Soft Maple	4.86	0.58
06 46 36 00-0454 LF 3/4" x 6-1/2" Custom Shaped Appl Soft Maple	5.46	0.62
06 46 36 00-0455 LF 3/4" x 7-1/2" Custom Shaped Appl Soft Maple	6.00	0.62
06 46 36 00-0456 LF 3/4" x 8-1/2" Custom Shaped Appl Soft Maple	6.54	0.62
06 46 36 00-0457 LF 3/4" x 9-1/2" Custom Shaped Appl Soft Maple	7.06	0.67

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**
**ARLINGTON**  
 VIRGINIA

 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	7.65	0.72
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	8.22	0.72
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	2.95	0.53
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	3.61	0.53
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	4.27	0.58
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	4.91	0.58
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	5.65	0.62
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	6.36	0.62
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	7.01	0.62
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	7.68	0.67
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	8.33	0.67
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	9.04	0.72
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	9.73	0.72
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	3.24	0.53
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	4.02	0.53
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	4.80	0.58
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	5.59	0.58
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	6.42	0.62
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	7.26	0.62
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	8.03	0.67
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	8.82	0.67
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	9.58	0.67
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	10.44	0.72
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	11.23	0.77
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	3.77	0.53
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple.....	4.79	0.58
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple.....	5.82	0.58
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple.....	6.85	0.62
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple.....	7.88	0.62
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple.....	9.00	0.67
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple.....	10.02	0.67
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple.....	11.05	0.72
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple.....	12.05	0.72
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple.....	13.16	0.77
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple.....	14.20	0.77

**06 46 36 00-0493 Red Oak** (06 46 36)

06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak.....	2.80	0.53
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak.....	3.42	0.53
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak.....	4.03	0.53
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak.....	4.65	0.58
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak.....	5.31	0.58
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak.....	5.98	0.62
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak.....	6.58	0.62
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak.....	7.20	0.62
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak.....	7.79	0.67
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak.....	8.46	0.72
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak.....	9.10	0.72
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak.....	3.28	0.53
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak.....	4.12	0.53
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak.....	4.93	0.58
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak.....	6.06	0.58
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak.....	6.64	0.62
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak.....	7.53	0.62
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak.....	8.33	0.62
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak.....	9.17	0.67
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak.....	9.98	0.67
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak.....	10.77	0.72
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak.....	11.71	0.72
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak.....	3.94	0.53
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak.....	5.08	0.53
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak.....	6.22	0.58
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak.....	7.36	0.58
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak.....	8.54	0.62
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak.....	9.73	0.62
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak.....	10.85	0.67
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak.....	12.00	0.67
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak.....	13.11	0.67
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak.....	14.33	0.72
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak.....	15.47	0.77
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak.....	5.30	0.53
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak.....	7.09	0.58
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak.....	8.88	0.58
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak.....	10.67	0.58
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak.....	12.47	0.62
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak.....	14.39	0.67
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak.....	16.14	0.67
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak.....	18.23	0.72
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak.....	19.71	0.72
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak.....	21.57	0.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0537 LF 1-1/2" x 11-1/2" Custom Shaped Red Oak .....	23.38	0.77
06 46 36 00-0538 LF 2" x 1-1/2" Custom Shaped Red Oak .....	7.82	0.58
06 46 36 00-0539 LF 2" x 2-1/2" Custom Shaped Red Oak .....	10.86	0.58
06 46 36 00-0540 LF 2" x 3-1/2" Custom Shaped Red Oak .....	13.88	0.58
06 46 36 00-0541 LF 2" x 4-1/2" Custom Shaped Red Oak .....	16.96	0.62
06 46 36 00-0542 LF 2" x 5-1/2" Custom Shaped Red Oak .....	19.98	0.62
06 46 36 00-0543 LF 2" x 6-1/2" Custom Shaped Red Oak .....	23.11	0.67
06 46 36 00-0544 LF 2" x 7-1/2" Custom Shaped Red Oak .....	26.13	0.67
06 46 36 00-0545 LF 2" x 8-1/2" Custom Shaped Red Oak .....	29.21	0.72
06 46 36 00-0546 LF 2" x 9-1/2" Custom Shaped Red Oak .....	32.24	0.72
06 46 36 00-0547 LF 2" x 10-1/2" Custom Shaped Red Oak .....	35.28	0.77
06 46 36 00-0548 LF 2" x 11-1/2" Custom Shaped Red Oak .....	38.39	0.81
<b>06 46 36 00-0549 White Oak</b> <small>(06 46 36)</small>		
06 46 36 00-0550 LF 3/4" x 1-1/2" Custom Shaped White Oak .....	2.83	0.53
06 46 36 00-0551 LF 3/4" x 2-1/2" Custom Shaped White Oak .....	3.46	0.53
06 46 36 00-0552 LF 3/4" x 3-1/2" Custom Shaped White Oak .....	4.09	0.53
06 46 36 00-0553 LF 3/4" x 4-1/2" Custom Shaped White Oak .....	4.72	0.58
06 46 36 00-0554 LF 3/4" x 5-1/2" Custom Shaped White Oak .....	5.39	0.58
06 46 36 00-0555 LF 3/4" x 6-1/2" Custom Shaped White Oak .....	6.08	0.62
06 46 36 00-0556 LF 3/4" x 7-1/2" Custom Shaped White Oak .....	6.70	0.62
06 46 36 00-0557 LF 3/4" x 8-1/2" Custom Shaped White Oak .....	7.34	0.62
06 46 36 00-0558 LF 3/4" x 9-1/2" Custom Shaped White Oak .....	7.94	0.67
06 46 36 00-0559 LF 3/4" x 10-1/2" Custom Shaped White Oak .....	8.62	0.72
06 46 36 00-0560 LF 3/4" x 11-1/2" Custom Shaped White Oak .....	9.28	0.72
06 46 36 00-0561 LF 1" x 1-1/2" Custom Shaped White Oak .....	3.28	0.53
06 46 36 00-0562 LF 1" x 2-1/2" Custom Shaped White Oak .....	4.12	0.53
06 46 36 00-0563 LF 1" x 3-1/2" Custom Shaped White Oak .....	4.93	0.58
06 46 36 00-0564 LF 1" x 4-1/2" Custom Shaped White Oak .....	6.06	0.58
06 46 36 00-0565 LF 1" x 5-1/2" Custom Shaped White Oak .....	6.64	0.62
06 46 36 00-0566 LF 1" x 6-1/2" Custom Shaped White Oak .....	7.53	0.62
06 46 36 00-0567 LF 1" x 7-1/2" Custom Shaped White Oak .....	8.33	0.62
06 46 36 00-0568 LF 1" x 8-1/2" Custom Shaped White Oak .....	9.17	0.67
06 46 36 00-0569 LF 1" x 9-1/2" Custom Shaped White Oak .....	9.98	0.67
06 46 36 00-0570 LF 1" x 10-1/2" Custom Shaped White Oak .....	10.87	0.72
06 46 36 00-0571 LF 1" x 11-1/2" Custom Shaped White Oak .....	11.71	0.72
06 46 36 00-0572 LF 1-1/4" x 1-1/2" Custom Shaped White Oak .....	3.99	0.53
06 46 36 00-0573 LF 1-1/4" x 2-1/2" Custom Shaped White Oak .....	5.14	0.53
06 46 36 00-0574 LF 1-1/4" x 3-1/2" Custom Shaped White Oak .....	6.31	0.58
06 46 36 00-0575 LF 1-1/4" x 4-1/2" Custom Shaped White Oak .....	7.46	0.58
06 46 36 00-0576 LF 1-1/4" x 5-1/2" Custom Shaped White Oak .....	8.67	0.62
06 46 36 00-0577 LF 1-1/4" x 6-1/2" Custom Shaped White Oak .....	9.88	0.62
06 46 36 00-0578 LF 1-1/4" x 7-1/2" Custom Shaped White Oak .....	11.03	0.67
06 46 36 00-0579 LF 1-1/4" x 8-1/2" Custom Shaped White Oak .....	12.19	0.67
06 46 36 00-0580 LF 1-1/4" x 9-1/2" Custom Shaped White Oak .....	13.33	0.67
06 46 36 00-0581 LF 1-1/4" x 10-1/2" Custom Shaped White Oak .....	14.56	0.72
06 46 36 00-0582 LF 1-1/4" x 11-1/2" Custom Shaped White Oak .....	15.74	0.77
06 46 36 00-0583 LF 1-1/2" x 1-1/2" Custom Shaped White Oak .....	6.19	0.53
06 46 36 00-0584 LF 1-1/2" x 2-1/2" Custom Shaped White Oak .....	8.41	0.58
06 46 36 00-0585 LF 1-1/2" x 3-1/2" Custom Shaped White Oak .....	10.64	0.58
06 46 36 00-0586 LF 1-1/2" x 4-1/2" Custom Shaped White Oak .....	12.88	0.62
06 46 36 00-0587 LF 1-1/2" x 5-1/2" Custom Shaped White Oak .....	15.12	0.62
06 46 36 00-0588 LF 1-1/2" x 6-1/2" Custom Shaped White Oak .....	17.45	0.67
06 46 36 00-0589 LF 1-1/2" x 7-1/2" Custom Shaped White Oak .....	19.68	0.67
06 46 36 00-0590 LF 1-1/2" x 8-1/2" Custom Shaped White Oak .....	21.91	0.72
06 46 36 00-0591 LF 1-1/2" x 9-1/2" Custom Shaped White Oak .....	23.83	0.72
06 46 36 00-0592 LF 1-1/2" x 10-1/2" Custom Shaped White Oak .....	26.43	0.77
06 46 36 00-0593 LF 1-1/2" x 11-1/2" Custom Shaped White Oak .....	28.68	0.77
<b>06 46 36 00-0594 White Pine</b> <small>(06 46 36)</small>		
06 46 36 00-0595 LF 3/4" x 1-1/2" Custom Shaped White Pine .....	3.09	0.53
06 46 36 00-0596 LF 3/4" x 2-1/2" Custom Shaped White Pine .....	3.86	0.53
06 46 36 00-0597 LF 3/4" x 3-1/2" Custom Shaped White Pine .....	4.62	0.53
06 46 36 00-0598 LF 3/4" x 4-1/2" Custom Shaped White Pine .....	5.38	0.58
06 46 36 00-0599 LF 3/4" x 5-1/2" Custom Shaped White Pine .....	6.19	0.58
06 46 36 00-0600 LF 3/4" x 6-1/2" Custom Shaped White Pine .....	7.01	0.62
06 46 36 00-0601 LF 3/4" x 7-1/2" Custom Shaped White Pine .....	7.76	0.62
06 46 36 00-0602 LF 3/4" x 8-1/2" Custom Shaped White Pine .....	8.53	0.62
06 46 36 00-0603 LF 3/4" x 9-1/2" Custom Shaped White Pine .....	9.71	0.67
06 46 36 00-0604 LF 3/4" x 10-1/2" Custom Shaped White Pine .....	10.57	0.72
06 46 36 00-0605 LF 1" x 1-1/2" Custom Shaped White Pine .....	3.42	0.53
06 46 36 00-0606 LF 1" x 2-1/2" Custom Shaped White Pine .....	4.34	0.53
06 46 36 00-0607 LF 1" x 3-1/2" Custom Shaped White Pine .....	5.23	0.58
06 46 36 00-0608 LF 1" x 4-1/2" Custom Shaped White Pine .....	6.13	0.58
06 46 36 00-0609 LF 1" x 5-1/2" Custom Shaped White Pine .....	7.08	0.62
06 46 36 00-0610 LF 1" x 6-1/2" Custom Shaped White Pine .....	8.04	0.62
06 46 36 00-0611 LF 1" x 7-1/2" Custom Shaped White Pine .....	8.92	0.62
06 46 36 00-0612 LF 1" x 8-1/2" Custom Shaped White Pine .....	9.84	0.67
06 46 36 00-0613 LF 1" x 9-1/2" Custom Shaped White Pine .....	10.71	0.67

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0614	LF		1" x 10-1/2" Custom Shaped White Pine .....	11.68	0.72
06 46 36 00-0615	LF		1" x 11-1/2" Custom Shaped White Pine .....	12.60	0.72
06 46 36 00-0616	LF		1-1/4" x 1-1/2" Custom Shaped White Pine .....	3.81	0.53
06 46 36 00-0617	LF		1-1/4" x 2-1/2" Custom Shaped White Pine .....	4.88	0.53
06 46 36 00-0618	LF		1-1/4" x 3-1/2" Custom Shaped White Pine .....	5.98	0.58
06 46 36 00-0619	LF		1-1/4" x 4-1/2" Custom Shaped White Pine .....	7.02	0.58
06 46 36 00-0620	LF		1-1/4" x 5-1/2" Custom Shaped White Pine .....	8.14	0.62
06 46 36 00-0621	LF		1-1/4" x 6-1/2" Custom Shaped White Pine .....	9.26	0.62
06 46 36 00-0622	LF		1-1/4" x 7-1/2" Custom Shaped White Pine .....	10.32	0.67
06 46 36 00-0623	LF		1-1/4" x 8-1/2" Custom Shaped White Pine .....	11.40	0.67
06 46 36 00-0624	LF		1-1/4" x 9-1/2" Custom Shaped White Pine .....	12.45	0.67
06 46 36 00-0625	LF		1-1/4" x 10-1/2" Custom Shaped White Pine .....	13.59	0.72
06 46 36 00-0626	LF		1-1/4" x 11-1/2" Custom Shaped White Pine .....	14.68	0.77
06 46 36 00-0627	LF		1-1/2" x 1-1/2" Custom Shaped White Pine .....	4.66	0.53
06 46 36 00-0628	LF		1-1/2" x 2-1/2" Custom Shaped White Pine .....	6.12	0.58
06 46 36 00-0629	LF		1-1/2" x 3-1/2" Custom Shaped White Pine .....	7.58	0.58
06 46 36 00-0630	LF		1-1/2" x 4-1/2" Custom Shaped White Pine .....	9.05	0.62
06 46 36 00-0631	LF		1-1/2" x 5-1/2" Custom Shaped White Pine .....	10.53	0.62
06 46 36 00-0632	LF		1-1/2" x 6-1/2" Custom Shaped White Pine .....	12.09	0.67
06 46 36 00-0633	LF		1-1/2" x 7-1/2" Custom Shaped White Pine .....	13.55	0.67
06 46 36 00-0634	LF		1-1/2" x 8-1/2" Custom Shaped White Pine .....	15.03	0.72
06 46 36 00-0635	LF		1-1/2" x 9-1/2" Custom Shaped White Pine .....	16.76	0.72
06 46 36 00-0636	LF		1-1/2" x 10-1/2" Custom Shaped White Pine .....	18.01	0.77
06 46 36 00-0637	LF		1-1/2" x 11-1/2" Custom Shaped White Pine .....	19.50	0.77
06 46 36 00-0638	LF		2" x 1-1/2" Custom Shaped White Pine .....	6.86	0.58
06 46 36 00-0639	LF		2" x 2-1/2" Custom Shaped White Pine .....	9.42	0.58
06 46 36 00-0640	LF		2" x 3-1/2" Custom Shaped White Pine .....	11.97	0.58
06 46 36 00-0641	LF		2" x 4-1/2" Custom Shaped White Pine .....	14.56	0.62
06 46 36 00-0642	LF		2" x 5-1/2" Custom Shaped White Pine .....	17.11	0.62
06 46 36 00-0643	LF		2" x 6-1/2" Custom Shaped White Pine .....	19.75	0.67
06 46 36 00-0644	LF		2" x 7-1/2" Custom Shaped White Pine .....	22.31	0.67
06 46 36 00-0645	LF		2" x 8-1/2" Custom Shaped White Pine .....	24.90	0.72
06 46 36 00-0646	LF		2" x 9-1/2" Custom Shaped White Pine .....	27.46	0.72
06 46 36 00-0647	LF		2" x 10-1/2" Custom Shaped White Pine .....	30.01	0.77
06 46 36 00-0648	LF		2" x 11-1/2" Custom Shaped White Pine .....	32.65	0.81
06 46 36 00-0649	LF		2-1/2" x 1-1/2" Custom Shaped White Pine .....	8.09	0.58
06 46 36 00-0650	LF		2-1/2" x 2-1/2" Custom Shaped White Pine .....	11.23	0.58
06 46 36 00-0651	LF		2-1/2" x 3-1/2" Custom Shaped White Pine .....	14.37	0.62
06 46 36 00-0652	LF		2-1/2" x 4-1/2" Custom Shaped White Pine .....	17.55	0.62
06 46 36 00-0653	LF		2-1/2" x 5-1/2" Custom Shaped White Pine .....	20.69	0.62
06 46 36 00-0654	LF		2-1/2" x 6-1/2" Custom Shaped White Pine .....	23.93	0.67
06 46 36 00-0655	LF		2-1/2" x 7-1/2" Custom Shaped White Pine .....	27.07	0.72
06 46 36 00-0656	LF		2-1/2" x 8-1/2" Custom Shaped White Pine .....	30.26	0.72
06 46 36 00-0657	LF		2-1/2" x 9-1/2" Custom Shaped White Pine .....	33.40	0.77
06 46 36 00-0658	LF		2-1/2" x 10-1/2" Custom Shaped White Pine .....	36.54	0.77
06 46 36 00-0659	LF		2-1/2" x 11-1/2" Custom Shaped White Pine .....	39.77	0.81
06 46 36 00-0660	LF		3-1/2" x 3-1/2" Custom Shaped White Pine .....	19.72	0.62
06 46 36 00-0661	LF		3-1/2" x 4-1/2" Custom Shaped White Pine .....	24.23	0.62
06 46 36 00-0662	LF		3-1/2" x 5-1/2" Custom Shaped White Pine .....	28.69	0.67
06 46 36 00-0663	LF		3-1/2" x 6-1/2" Custom Shaped White Pine .....	33.25	0.72
06 46 36 00-0664	LF		3-1/2" x 7-1/2" Custom Shaped White Pine .....	37.70	0.72
06 46 36 00-0665	LF		3-1/2" x 8-1/2" Custom Shaped White Pine .....	42.23	0.77
06 46 36 00-0666	LF		3-1/2" x 9-1/2" Custom Shaped White Pine .....	46.68	0.77
06 46 36 00-0667	LF		3-1/2" x 10-1/2" Custom Shaped White Pine .....	51.15	0.77
06 46 36 00-0668	LF		3-1/2" x 11-1/2" Custom Shaped White Pine .....	55.71	0.81
<b>06 46 36 00-0669</b>			<b>Clear Yellow Pine <small>(06 46 36)</small></b>		
06 46 36 00-0670	LF		3/4" x 1-1/2" Custom Shaped "C" Y Pine .....	2.27	0.53
06 46 36 00-0671	LF		3/4" x 2-1/2" Custom Shaped "C" Y Pine .....	2.62	0.53
06 46 36 00-0672	LF		3/4" x 3-1/2" Custom Shaped "C" Y Pine .....	2.97	0.53
06 46 36 00-0673	LF		3/4" x 4-1/2" Custom Shaped "C" Y Pine .....	3.32	0.58
06 46 36 00-0674	LF		3/4" x 5-1/2" Custom Shaped "C" Y Pine .....	3.72	0.58
06 46 36 00-0675	LF		3/4" x 6-1/2" Custom Shaped "C" Y Pine .....	4.12	0.62
06 46 36 00-0676	LF		3/4" x 7-1/2" Custom Shaped "C" Y Pine .....	4.46	0.62
06 46 36 00-0677	LF		3/4" x 8-1/2" Custom Shaped "C" Y Pine .....	4.82	0.62
06 46 36 00-0678	LF		1" x 1-1/2" Custom Shaped "C" Y Pine .....	2.54	0.53
06 46 36 00-0679	LF		1" x 2-1/2" Custom Shaped "C" Y Pine .....	3.01	0.53
06 46 36 00-0680	LF		1" x 3-1/2" Custom Shaped "C" Y Pine .....	3.46	0.58
06 46 36 00-0681	LF		1" x 4-1/2" Custom Shaped "C" Y Pine .....	3.92	0.58
06 46 36 00-0682	LF		1" x 5-1/2" Custom Shaped "C" Y Pine .....	4.43	0.62
06 46 36 00-0683	LF		1" x 6-1/2" Custom Shaped "C" Y Pine .....	4.95	0.62
06 46 36 00-0684	LF		1" x 7-1/2" Custom Shaped "C" Y Pine .....	5.54	0.62
06 46 36 00-0685	LF		1" x 8-1/2" Custom Shaped "C" Y Pine .....	6.03	0.67
06 46 36 00-0686	LF		1-1/2" x 1-1/2" Custom Shaped "C" Y Pine .....	2.89	0.53
06 46 36 00-0687	LF		1-1/2" x 2-1/2" Custom Shaped "C" Y Pine .....	3.47	0.58
06 46 36 00-0688	LF		1-1/2" x 3-1/2" Custom Shaped "C" Y Pine .....	4.05	0.58
06 46 36 00-0689	LF		1-1/2" x 4-1/2" Custom Shaped "C" Y Pine .....	4.64	0.62
06 46 36 00-0690	LF		1-1/2" x 5-1/2" Custom Shaped "C" Y Pine .....	5.23	0.62
06 46 36 00-0691	LF		1-1/2" x 6-1/2" Custom Shaped "C" Y Pine .....	5.91	0.67
06 46 36 00-0692	LF		1-1/2" x 7-1/2" Custom Shaped "C" Y Pine .....	6.49	0.67





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0693 LF 1-1/2" x 8-1/2" Custom Shaped "C" Y Pine.....	7.08	0.72
06 46 36 00-0694 LF 1-1/2" x 9-1/2" Custom Shaped "C" Y Pine.....	8.08	0.72
06 46 36 00-0695 LF 1-1/2" x 10-1/2" Custom Shaped "C" Y Pine.....	8.36	0.77
<b>06 46 36 00-0696 Poplar</b> <small>(06 46 36)</small>		
06 46 36 00-0697 LF 3/4" x 1-1/2" Custom Shaped Poplar.....	2.36	0.53
06 46 36 00-0698 LF 3/4" x 2-1/2" Custom Shaped Poplar.....	2.76	0.53
06 46 36 00-0699 LF 3/4" x 3-1/2" Custom Shaped Poplar.....	3.14	0.53
06 46 36 00-0700 LF 3/4" x 4-1/2" Custom Shaped Poplar.....	3.54	0.58
06 46 36 00-0701 LF 3/4" x 5-1/2" Custom Shaped Poplar.....	3.98	0.58
06 46 36 00-0702 LF 3/4" x 6-1/2" Custom Shaped Poplar.....	4.43	0.62
06 46 36 00-0703 LF 3/4" x 7-1/2" Custom Shaped Poplar.....	4.82	0.62
06 46 36 00-0704 LF 3/4" x 8-1/2" Custom Shaped Poplar.....	5.22	0.62
06 46 36 00-0705 LF 3/4" x 9-1/2" Custom Shaped Poplar.....	5.59	0.67
06 46 36 00-0706 LF 3/4" x 10-1/2" Custom Shaped Poplar.....	6.03	0.72
06 46 36 00-0707 LF 3/4" x 11-1/2" Custom Shaped Poplar.....	6.48	0.72
06 46 36 00-0708 LF 1" x 1-1/2" Custom Shaped Poplar.....	2.66	0.53
06 46 36 00-0709 LF 1" x 2-1/2" Custom Shaped Poplar.....	3.17	0.53
06 46 36 00-0710 LF 1" x 3-1/2" Custom Shaped Poplar.....	3.68	0.58
06 46 36 00-0711 LF 1" x 4-1/2" Custom Shaped Poplar.....	4.19	0.58
06 46 36 00-0712 LF 1" x 5-1/2" Custom Shaped Poplar.....	4.77	0.62
06 46 36 00-0713 LF 1" x 6-1/2" Custom Shaped Poplar.....	5.33	0.62
06 46 36 00-0714 LF 1" x 7-1/2" Custom Shaped Poplar.....	5.83	0.62
06 46 36 00-0715 LF 1" x 8-1/2" Custom Shaped Poplar.....	6.36	0.67
06 46 36 00-0716 LF 1" x 9-1/2" Custom Shaped Poplar.....	6.86	0.67
06 46 36 00-0717 LF 1" x 10-1/2" Custom Shaped Poplar.....	7.42	0.72
06 46 36 00-0718 LF 1" x 11-1/2" Custom Shaped Poplar.....	7.96	0.72
06 46 36 00-0719 LF 1-1/4" x 1-1/2" Custom Shaped Poplar.....	2.93	0.53
06 46 36 00-0720 LF 1-1/4" x 2-1/2" Custom Shaped Poplar.....	3.55	0.53
06 46 36 00-0721 LF 1-1/4" x 3-1/2" Custom Shaped Poplar.....	4.19	0.58
06 46 36 00-0722 LF 1-1/4" x 4-1/2" Custom Shaped Poplar.....	4.81	0.58
06 46 36 00-0723 LF 1-1/4" x 5-1/2" Custom Shaped Poplar.....	5.49	0.62
06 46 36 00-0724 LF 1-1/4" x 6-1/2" Custom Shaped Poplar.....	6.17	0.62
06 46 36 00-0725 LF 1-1/4" x 7-1/2" Custom Shaped Poplar.....	6.79	0.67
06 46 36 00-0726 LF 1-1/4" x 8-1/2" Custom Shaped Poplar.....	7.43	0.67
06 46 36 00-0727 LF 1-1/4" x 9-1/2" Custom Shaped Poplar.....	8.03	0.67
06 46 36 00-0728 LF 1-1/4" x 10-1/2" Custom Shaped Poplar.....	8.73	0.72
06 46 36 00-0729 LF 1-1/4" x 11-1/2" Custom Shaped Poplar.....	9.38	0.77
06 46 36 00-0730 LF 1-1/2" x 1-1/2" Custom Shaped Poplar.....	3.54	0.53
06 46 36 00-0731 LF 1-1/2" x 2-1/2" Custom Shaped Poplar.....	4.44	0.58
06 46 36 00-0732 LF 1-1/2" x 3-1/2" Custom Shaped Poplar.....	5.34	0.58
06 46 36 00-0733 LF 1-1/2" x 4-1/2" Custom Shaped Poplar.....	6.26	0.62
06 46 36 00-0734 LF 1-1/2" x 5-1/2" Custom Shaped Poplar.....	7.17	0.62
06 46 36 00-0735 LF 1-1/2" x 6-1/2" Custom Shaped Poplar.....	8.18	0.67
06 46 36 00-0736 LF 1-1/2" x 7-1/2" Custom Shaped Poplar.....	9.08	0.67
06 46 36 00-0737 LF 1-1/2" x 8-1/2" Custom Shaped Poplar.....	9.99	0.72
06 46 36 00-0738 LF 1-1/2" x 9-1/2" Custom Shaped Poplar.....	10.88	0.72
06 46 36 00-0739 LF 1-1/2" x 10-1/2" Custom Shaped Poplar.....	11.86	0.77
06 46 36 00-0740 LF 1-1/2" x 11-1/2" Custom Shaped Poplar.....	12.78	0.77
06 46 36 00-0741 LF 2" x 1-1/2" Custom Shaped Poplar.....	4.44	0.58
06 46 36 00-0742 LF 2" x 2-1/2" Custom Shaped Poplar.....	5.78	0.58
06 46 36 00-0743 LF 2" x 3-1/2" Custom Shaped Poplar.....	7.11	0.58
06 46 36 00-0744 LF 2" x 4-1/2" Custom Shaped Poplar.....	8.50	0.62
06 46 36 00-0745 LF 2" x 5-1/2" Custom Shaped Poplar.....	9.83	0.62
06 46 36 00-0746 LF 2" x 6-1/2" Custom Shaped Poplar.....	11.26	0.67
06 46 36 00-0747 LF 2" x 7-1/2" Custom Shaped Poplar.....	12.59	0.67
06 46 36 00-0748 LF 2" x 8-1/2" Custom Shaped Poplar.....	13.98	0.72
06 46 36 00-0749 LF 2" x 9-1/2" Custom Shaped Poplar.....	15.32	0.72
06 46 36 00-0750 LF 2" x 10-1/2" Custom Shaped Poplar.....	16.66	0.77
06 46 36 00-0751 LF 2" x 11-1/2" Custom Shaped Poplar.....	18.08	0.81
06 46 36 00-0752 LF 2-1/2" x 1-1/2" Custom Shaped Poplar.....	5.35	0.58
06 46 36 00-0753 LF 2-1/2" x 2-1/2" Custom Shaped Poplar.....	7.13	0.58
06 46 36 00-0754 LF 2-1/2" x 3-1/2" Custom Shaped Poplar.....	8.90	0.62
06 46 36 00-0755 LF 2-1/2" x 4-1/2" Custom Shaped Poplar.....	10.71	0.62
06 46 36 00-0756 LF 2-1/2" x 5-1/2" Custom Shaped Poplar.....	12.48	0.62
06 46 36 00-0757 LF 2-1/2" x 6-1/2" Custom Shaped Poplar.....	14.34	0.67
06 46 36 00-0758 LF 2-1/2" x 7-1/2" Custom Shaped Poplar.....	16.12	0.72
06 46 36 00-0759 LF 2-1/2" x 8-1/2" Custom Shaped Poplar.....	17.94	0.72
06 46 36 00-0760 LF 2-1/2" x 9-1/2" Custom Shaped Poplar.....	19.71	0.77
06 46 36 00-0761 LF 2-1/2" x 10-1/2" Custom Shaped Poplar.....	21.48	0.77
06 46 36 00-0762 LF 2-1/2" x 11-1/2" Custom Shaped Poplar.....	23.34	0.81
06 46 36 00-0763 LF 3-1/2" x 3-1/2" Custom Shaped Poplar.....	11.95	0.62
06 46 36 00-0764 LF 3-1/2" x 4-1/2" Custom Shaped Poplar.....	14.51	0.62
06 46 36 00-0765 LF 3-1/2" x 5-1/2" Custom Shaped Poplar.....	17.04	0.67
06 46 36 00-0766 LF 3-1/2" x 6-1/2" Custom Shaped Poplar.....	19.68	0.72
06 46 36 00-0767 LF 3-1/2" x 7-1/2" Custom Shaped Poplar.....	22.16	0.72
06 46 36 00-0768 LF 3-1/2" x 8-1/2" Custom Shaped Poplar.....	24.74	0.77
06 46 36 00-0769 LF 3-1/2" x 9-1/2" Custom Shaped Poplar.....	27.26	0.77
06 46 36 00-0770 LF 3-1/2" x 10-1/2" Custom Shaped Poplar.....	29.78	0.77
06 46 36 00-0771 LF 3-1/2" x 11-1/2" Custom Shaped Poplar.....	32.40	0.81

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

**ARLINGTON**  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

06 46 36 00-0772		Clear Heart Redwood <small>(06 46 36)</small>		
06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	2.77	0.53
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	3.37	0.53
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	3.97	0.53
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	4.57	0.58
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	5.22	0.58
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	5.87	0.62
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	7.06	0.62
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	7.73	0.62
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	7.78	0.67
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	8.30	0.72
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	3.25	0.53
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	4.06	0.53
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	4.86	0.58
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	5.66	0.58
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	6.53	0.62
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	7.39	0.62
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	9.21	0.62
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	10.17	0.67
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	11.08	0.67
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	12.07	0.72
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	4.13	0.53
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	5.32	0.58
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	6.52	0.58
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	7.73	0.62
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	8.94	0.62
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	10.27	0.67
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	13.55	0.67
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	15.03	0.72
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	17.65	0.72
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	19.31	0.77
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	18.54	0.62
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	22.76	0.62
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	26.93	0.67
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	31.19	0.72
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	35.35	0.72
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	39.58	0.77
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	43.74	0.77
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	47.91	0.77
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	52.18	0.81
06 46 36 00-0812		Teak <small>(06 46 36)</small>		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	6.71	0.53
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	9.29	0.53
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	11.86	0.53
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	14.43	0.58
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	17.05	0.58
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	19.68	0.62
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	22.24	0.62
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	24.82	0.62
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	27.37	0.67
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	29.99	0.72
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	32.59	0.72
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	14.84	0.53
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	16.98	0.58
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	22.06	0.58
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	27.16	0.62
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	32.25	0.62
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	37.29	0.67
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	42.52	0.67
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	47.61	0.72
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	52.68	0.72
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	57.84	0.77
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	62.94	0.77
06 46 36 00-0835		Walnut <small>(06 46 36)</small>		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	3.92	0.53
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	5.10	0.53
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	6.26	0.53
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	7.44	0.58
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	8.66	0.58
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	9.89	0.62
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	11.06	0.62
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	12.24	0.62
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	13.39	0.67
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	14.61	0.72
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	15.81	0.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0847 LF 1" x 1-1/2" Custom Shaped Walnut .....	4.60	0.53
06 46 36 00-0848 LF 1" x 2-1/2" Custom Shaped Walnut .....	6.10	0.53
06 46 36 00-0849 LF 1" x 3-1/2" Custom Shaped Walnut .....	7.58	0.58
06 46 36 00-0850 LF 1" x 4-1/2" Custom Shaped Walnut .....	9.07	0.58
06 46 36 00-0851 LF 1" x 5-1/2" Custom Shaped Walnut .....	10.61	0.62
06 46 36 00-0852 LF 1" x 6-1/2" Custom Shaped Walnut .....	12.16	0.62
06 46 36 00-0853 LF 1" x 7-1/2" Custom Shaped Walnut .....	13.63	0.62
06 46 36 00-0854 LF 1" x 8-1/2" Custom Shaped Walnut .....	15.14	0.67
06 46 36 00-0855 LF 1" x 9-1/2" Custom Shaped Walnut .....	16.60	0.67
06 46 36 00-0856 LF 1" x 10-1/2" Custom Shaped Walnut .....	18.15	0.72
06 46 36 00-0857 LF 1" x 11-1/2" Custom Shaped Walnut .....	19.66	0.72
06 46 36 00-0858 LF 1-1/4" x 1-1/2" Custom Shaped Walnut .....	5.53	0.53
06 46 36 00-0859 LF 1-1/4" x 2-1/2" Custom Shaped Walnut .....	7.47	0.53
06 46 36 00-0860 LF 1-1/4" x 3-1/2" Custom Shaped Walnut .....	9.40	0.58
06 46 36 00-0861 LF 1-1/4" x 4-1/2" Custom Shaped Walnut .....	11.33	0.58
06 46 36 00-0862 LF 1-1/4" x 5-1/2" Custom Shaped Walnut .....	13.31	0.62
06 46 36 00-0863 LF 1-1/4" x 6-1/2" Custom Shaped Walnut .....	15.29	0.62
06 46 36 00-0864 LF 1-1/4" x 7-1/2" Custom Shaped Walnut .....	17.21	0.67
06 46 36 00-0865 LF 1-1/4" x 8-1/2" Custom Shaped Walnut .....	19.16	0.67
06 46 36 00-0866 LF 1-1/4" x 9-1/2" Custom Shaped Walnut .....	21.06	0.67
06 46 36 00-0867 LF 1-1/4" x 10-1/2" Custom Shaped Walnut .....	23.07	0.72
06 46 36 00-0868 LF 1-1/4" x 11-1/2" Custom Shaped Walnut .....	25.01	0.77
06 46 36 00-0869 LF 1-1/2" x 1-1/2" Custom Shaped Walnut .....	7.31	0.53
06 46 36 00-0870 LF 1-1/2" x 2-1/2" Custom Shaped Walnut .....	10.09	0.58
06 46 36 00-0871 LF 1-1/2" x 3-1/2" Custom Shaped Walnut .....	12.88	0.58
06 46 36 00-0872 LF 1-1/2" x 4-1/2" Custom Shaped Walnut .....	15.68	0.62
06 46 36 00-0873 LF 1-1/2" x 5-1/2" Custom Shaped Walnut .....	18.48	0.62
06 46 36 00-0874 LF 1-1/2" x 6-1/2" Custom Shaped Walnut .....	21.36	0.67
06 46 36 00-0875 LF 1-1/2" x 7-1/2" Custom Shaped Walnut .....	24.15	0.67
06 46 36 00-0876 LF 1-1/2" x 8-1/2" Custom Shaped Walnut .....	26.95	0.72
06 46 36 00-0877 LF 1-1/2" x 9-1/2" Custom Shaped Walnut .....	30.01	0.72
06 46 36 00-0878 LF 1-1/2" x 10-1/2" Custom Shaped Walnut .....	32.58	0.77
06 46 36 00-0879 LF 1-1/2" x 11-1/2" Custom Shaped Walnut .....	35.39	0.77
06 46 36 00-0880 LF 2" x 1-1/2" Custom Shaped Walnut .....	11.87	0.58
06 46 36 00-0881 LF 2" x 2-1/2" Custom Shaped Walnut .....	16.92	0.58
06 46 36 00-0882 LF 2" x 3-1/2" Custom Shaped Walnut .....	21.98	0.58
06 46 36 00-0883 LF 2" x 4-1/2" Custom Shaped Walnut .....	27.07	0.62
06 46 36 00-0884 LF 2" x 5-1/2" Custom Shaped Walnut .....	32.12	0.62
06 46 36 00-0885 LF 2" x 6-1/2" Custom Shaped Walnut .....	37.27	0.67
06 46 36 00-0886 LF 2" x 7-1/2" Custom Shaped Walnut .....	42.32	0.67
06 46 36 00-0887 LF 2" x 8-1/2" Custom Shaped Walnut .....	47.42	0.72
06 46 36 00-0888 LF 2" x 9-1/2" Custom Shaped Walnut .....	52.48	0.72
06 46 36 00-0889 LF 2" x 10-1/2" Custom Shaped Walnut .....	57.54	0.77
06 46 36 00-0890 LF 2" x 11-1/2" Custom Shaped Walnut .....	62.68	0.81
06 46 36 00-0891 LF 2-1/2" x 1-1/2" Custom Shaped Walnut .....	14.71	0.58
06 46 36 00-0892 LF 2-1/2" x 2-1/2" Custom Shaped Walnut .....	21.17	0.58
06 46 36 00-0893 LF 2-1/2" x 3-1/2" Custom Shaped Walnut .....	27.62	0.62
06 46 36 00-0894 LF 2-1/2" x 4-1/2" Custom Shaped Walnut .....	34.11	0.62
06 46 36 00-0895 LF 2-1/2" x 5-1/2" Custom Shaped Walnut .....	40.56	0.62
06 46 36 00-0896 LF 2-1/2" x 6-1/2" Custom Shaped Walnut .....	47.11	0.67
06 46 36 00-0897 LF 2-1/2" x 7-1/2" Custom Shaped Walnut .....	53.56	0.72
06 46 36 00-0898 LF 2-1/2" x 8-1/2" Custom Shaped Walnut .....	60.06	0.72
06 46 36 00-0899 LF 2-1/2" x 9-1/2" Custom Shaped Walnut .....	66.51	0.77
06 46 36 00-0900 LF 2-1/2" x 10-1/2" Custom Shaped Walnut .....	72.97	0.77
06 46 36 00-0901 LF 2-1/2" x 11-1/2" Custom Shaped Walnut .....	79.51	0.81

**06 48 Wood Frames** (06 40)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

**06 48 13 Exterior Wood Door Frames** (06 48)

**06 48 13 00-0001 Exterior Door Frames** (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002 EA 3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	201.89	27.27
<i>For Birch, Add</i>	51.59	
<i>For Mahogany, Add</i>	125.29	
06 48 13 00-0003 EA 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	212.64	28.58
<i>For Birch, Add</i>	54.51	
<i>For Mahogany, Add</i>	132.38	
06 48 13 00-0004 EA 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	223.39	29.69
<i>For Birch, Add</i>	57.42	
<i>For Mahogany, Add</i>	139.46	
06 48 13 00-0005 EA 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	244.29	31.78
<i>For Birch, Add</i>	63.25	
<i>For Mahogany, Add</i>	153.60	
06 48 13 00-0006 EA 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	265.49	34.05
<i>For Birch, Add</i>	69.08	
<i>For Mahogany, Add</i>	167.77	
06 48 13 00-0007 EA 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	325.47	27.37
06 48 13 00-0008 EA 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	330.13	28.58

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 48 Wood Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 13 00-0009	EA		4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	334.77	29.79
06 48 13 00-0010	EA		5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	343.16	31.73
06 48 13 00-0011	EA		6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	352.55	34.14
06 48 13 00-0012	EA		3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	244.38	27.37
06 48 13 00-0013	EA		3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	256.37	28.58
06 48 13 00-0014	EA		4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	268.39	29.79
06 48 13 00-0015	EA		5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	291.40	31.73
06 48 13 00-0016	EA		6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	315.38	34.14

**06 48 16 Interior Wood Door Frames (06 48)****06 48 16 00-0001 Interior Door Frames (06 48 16)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA		2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	102.23	12.98
			For Oak Or Maple, Add	23.65	
			For Birch, Add	26.70	
			For Mahogany, Add	64.85	
			For Walnut Frame, Add	34.33	
06 48 16 00-0003	EA		2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	103.00	13.03
			For Oak Or Maple, Add	23.85	
			For Birch, Add	26.93	
			For Mahogany, Add	65.39	
			For Walnut Frame, Add	34.62	
06 48 16 00-0004	EA		2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	104.09	13.27
			For Oak Or Maple, Add	24.03	
			For Birch, Add	27.13	
			For Mahogany, Add	65.88	
			For Walnut Frame, Add	34.88	
06 48 16 00-0005	EA		3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	105.52	13.61
			For Oak Or Maple, Add	24.26	
			For Birch, Add	27.39	
			For Mahogany, Add	66.53	
			For Walnut Frame, Add	35.22	
06 48 16 00-0006	EA		3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	107.87	13.95
			For Oak Or Maple, Add	24.78	
			For Birch, Add	27.98	
			For Mahogany, Add	67.94	
			For Walnut Frame, Add	35.97	
06 48 16 00-0007	EA		4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	113.82	14.82
			For Oak Or Maple, Add	26.09	
			For Birch, Add	29.46	
			For Mahogany, Add	71.54	
			For Walnut Frame, Add	37.87	
06 48 16 00-0008	EA		5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	120.49	16.03
			For Oak Or Maple, Add	27.40	
			For Birch, Add	30.94	
			For Mahogany, Add	75.14	
			For Walnut Frame, Add	39.78	
06 48 16 00-0009	EA		6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	126.67	17.05
			For Oak Or Maple, Add	28.71	
			For Birch, Add	32.42	
			For Mahogany, Add	78.73	
			For Walnut Frame, Add	41.68	
06 48 16 00-0010	LF		4-9/16", Pine Interior Door Frame .....	3.73	1.16
			For Oak Or Maple, Add	0.43	
			For Birch, Add	0.49	
			For Mahogany, Add	1.19	
			For Walnut Frame, Add	0.63	

**06 49 Wood Screens and Exterior Wood Shutters (06 40)****06 49 19 Exterior Wood Shutters (06 49)**

See CSI section 10 71 13 13-0000 for exterior shutters.

**06 50 Structural Plastics (06)****06 51 Structural Plastic Shapes And Plates (06 50)****06 51 13 Plastic Lumber (06 51)**

Note: Available in gray, redwood, black. Plastic lumber can be cut with saw for desired length or shape, drilled, screwed, nailed or stapled.

**06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)**

06 51 13 00-0002	LF		2" x 6", Beam Or Girder, Recycled Plastic Lumber .....	7.94	0.78
			For Reinforced Structural Plastic Lumber, Add	2.52	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.61	
			For White Color, Add	2.90	
			For All Other Colors (Except Black, Brown Or White), Add	2.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0003 LF 2" x 8", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.91 3.22 0.78 3.70 3.13	0.85
06 51 13 00-0004 LF 2" x 10", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	12.13 4.01 0.97 4.60 3.90	0.91
06 51 13 00-0005 LF 3" x 10", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	19.53 6.65 1.62 7.64 6.47	1.09
06 51 13 00-0006 LF 3" x 12", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	21.95 7.48 1.82 8.59 7.28	1.22
06 51 13 00-0007 LF 4" x 4", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.88 3.47 0.84 3.98 3.37	1.06
06 51 13 00-0008 LF 4" x 6", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.59 5.18 1.26 5.95 5.04	1.12
06 51 13 00-0009 LF 5" x 5", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.47 5.48 1.33 6.30 5.34	1.15
06 51 13 00-0010 LF 6" x 6", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	22.44 7.64 1.86 8.78 7.43	1.25
06 51 13 00-0011 LF 6" x 8", Beam Or Girder, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	30.50 10.58 2.57 12.16 10.30	1.32
<b>06 51 13 00-0012 Joists, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0013 LF 2" x 4", Joist, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.30 1.72 0.42 1.98 1.68	0.44
06 51 13 00-0014 LF 2" x 6", Joist, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.46 2.52 0.61 2.90 2.46	0.46
06 51 13 00-0015 LF 2" x 8", Joist, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.43 3.22 0.78 3.70 3.13	0.51
06 51 13 00-0016 LF 2" x 10", Joist, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.70 4.01 0.97 4.60 3.90	0.61

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0017	LF		3" x 10", Joist, Recycled Plastic Lumber .....	18.99	0.71
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.65	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.62	
			<i>For White Color, Add</i>	7.64	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.47	
06 51 13 00-0018	LF		3" x 12", Joist, Recycled Plastic Lumber .....	21.52	0.91
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.82	
			<i>For White Color, Add</i>	8.59	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.28	
06 51 13 00-0019	LF		4" x 4", Joist, Recycled Plastic Lumber .....	10.29	0.65
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.84	
			<i>For White Color, Add</i>	3.98	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37	
06 51 13 00-0020	LF		4" x 6", Joist, Recycled Plastic Lumber .....	14.95	0.68
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.26	
			<i>For White Color, Add</i>	5.95	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04	
06 51 13 00-0021	LF		5" x 5", Joist, Recycled Plastic Lumber .....	15.89	0.75
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.33	
			<i>For White Color, Add</i>	6.30	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34	
06 51 13 00-0022	LF		6" x 6", Joist, Recycled Plastic Lumber .....	21.86	0.85
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.86	
			<i>For White Color, Add</i>	8.78	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0023	LF		6" x 8", Joist, Recycled Plastic Lumber .....	29.91	0.91
			<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.57	
			<i>For White Color, Add</i>	12.16	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30	
<b>06 51 13 00-0024</b>			<b>Columns, Recycled Plastic Lumber</b> (06 51 13)		
06 51 13 00-0025	LF		4" x 4", Column, Recycled Plastic Lumber .....	11.36	1.39
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.84	
			<i>For White Color, Add</i>	3.98	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37	
06 51 13 00-0026	LF		4" x 6", Column, Recycled Plastic Lumber .....	16.80	1.97
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.26	
			<i>For White Color, Add</i>	5.95	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04	
06 51 13 00-0027	LF		5" x 5", Column, Recycled Plastic Lumber .....	17.97	2.20
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.33	
			<i>For White Color, Add</i>	6.30	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34	
06 51 13 00-0028	LF		6" x 6", Column, Recycled Plastic Lumber .....	24.23	2.51
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.86	
			<i>For White Color, Add</i>	8.78	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0029	LF		6" x 8", Column, Recycled Plastic Lumber .....	33.01	3.09
			<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.57	
			<i>For White Color, Add</i>	12.16	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30	
<b>06 51 13 00-0030</b>			<b>Walls, Recycled Plastic Lumber</b> (06 51 13)		
06 51 13 00-0031	LF		2" x 3", Walls, Recycled Plastic Lumber .....	4.72	0.44
			<i>For Reinforced Structural Plastic Lumber, Add</i>	1.51	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.37	
			<i>For White Color, Add</i>	1.73	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0032 LF 2" x 4", Walls, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.39 1.72  0.42 1.98 1.68	0.51
06 51 13 00-0033 LF 2" x 6", Walls, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.60 2.52  0.61 2.90 2.46	0.54
06 51 13 00-0034 LF 2" x 8", Walls, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.52 3.22  0.78 3.70 3.13	0.57
<b>06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0036 LF 5/4" x 4", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.49 1.44  0.35 1.66 1.40	0.39
06 51 13 00-0037 LF 5/4" x 6", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.10 2.02  0.49 2.32 1.97	0.44
06 51 13 00-0038 LF 5/4" x 8", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.98 2.35  0.57 2.70 2.29	0.44
06 51 13 00-0039 LF 1" x 4", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.65 0.76  0.19 0.88 0.74	0.39
06 51 13 00-0040 LF 1" x 6", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.81 1.18  0.29 1.35 1.14	0.44
06 51 13 00-0041 LF 1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.81 1.18  0.29 1.35 1.14	0.44
06 51 13 00-0042 LF 2" x 2", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.04 0.93  0.23 1.07 0.90	0.37
06 51 13 00-0043 LF 2" x 3", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.72 1.51  0.37 1.73 1.47	0.44
06 51 13 00-0044 LF 2" x 4", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.39 1.72  0.42 1.98 1.68	0.51
06 51 13 00-0045 LF 2" x 6", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.60 2.52  0.61 2.90 2.46	0.54

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0046	LF		2" x 8", Other Shapes, Recycled Plastic Lumber .....	9.52	0.57
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.22	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.78	
			<i>For White Color, Add</i>	3.70	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.13	
06 51 13 00-0047	LF		2" x 10", Other Shapes, Recycled Plastic Lumber .....	11.70	0.61
			<i>For Reinforced Structural Plastic Lumber, Add</i>	4.01	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.97	
			<i>For White Color, Add</i>	4.60	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.90	
06 51 13 00-0048	LF		2" x 12", Other Shapes, Recycled Plastic Lumber .....	15.80	0.65
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.51	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.34	
			<i>For White Color, Add</i>	6.33	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.36	
06 51 13 00-0049	LF		3" x 4", Other Shapes, Recycled Plastic Lumber .....	7.97	0.59
			<i>For Reinforced Structural Plastic Lumber, Add</i>	2.63	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.64	
			<i>For White Color, Add</i>	3.03	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.56	
06 51 13 00-0050	LF		3" x 6", Other Shapes, Recycled Plastic Lumber .....	11.32	0.64
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.86	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.94	
			<i>For White Color, Add</i>	4.43	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.75	
06 51 13 00-0051	LF		3" x 8", Other Shapes, Recycled Plastic Lumber .....	15.57	0.68
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.41	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.31	
			<i>For White Color, Add</i>	6.21	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.26	
06 51 13 00-0052	LF		3" x 10", Other Shapes, Recycled Plastic Lumber .....	18.99	0.71
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.65	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.62	
			<i>For White Color, Add</i>	7.64	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.47	
06 51 13 00-0053	LF		3" x 12", Other Shapes, Recycled Plastic Lumber .....	21.52	0.91
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.82	
			<i>For White Color, Add</i>	8.59	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.28	
06 51 13 00-0054	LF		4" x 4", Other Shapes, Recycled Plastic Lumber .....	10.29	0.65
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.84	
			<i>For White Color, Add</i>	3.98	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37	
06 51 13 00-0055	LF		4" x 6", Other Shapes, Recycled Plastic Lumber .....	14.95	0.68
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.26	
			<i>For White Color, Add</i>	5.95	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04	
06 51 13 00-0056	LF		4" x 8", Other Shapes, Recycled Plastic Lumber .....	21.49	0.74
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.56	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.84	
			<i>For White Color, Add</i>	8.69	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.36	
06 51 13 00-0057	LF		5" x 5", Other Shapes, Recycled Plastic Lumber .....	15.89	0.75
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.33	
			<i>For White Color, Add</i>	6.30	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34	
06 51 13 00-0058	LF		6" x 6", Other Shapes, Recycled Plastic Lumber .....	21.86	0.85
			<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.86	
			<i>For White Color, Add</i>	8.78	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0059	LF		6" x 8", Other Shapes, Recycled Plastic Lumber .....	29.91	0.91
			<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.57	
			<i>For White Color, Add</i>	12.16	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0060 LF 6" x 12", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	44.52 15.93 3.88 18.30 15.50	1.01
06 51 13 00-0061 LF 8" x 8", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	38.69 13.80 3.36 15.85 13.43	0.97
06 51 13 00-0062 LF 8" x 10", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	51.99 18.70 4.55 21.48 18.19	1.01
06 51 13 00-0063 LF 10" x 10", Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	71.92 26.05 6.34 29.92 25.34	1.07
06 51 13 00-0064 LF 2" Diameter, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.38 1.07 0.26 1.23 1.04	0.34
06 51 13 00-0065 LF 3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.31 3.58 0.87 4.11 3.48	0.44
06 51 13 00-0066 LF 4" Diameter, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.33 3.92 0.95 4.51 3.82	0.51
06 51 13 00-0067 LF 5" Diameter, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	14.05 4.88 1.19 5.60 4.74	0.61
06 51 13 00-0068 LF 6" Diameter, Other Shapes, Recycled Plastic Lumber ..... <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	31.77 11.38 2.77 13.07 11.07	0.71
06 51 13 00-0069 SF 1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	3.23	0.37
06 51 13 00-0070 SF 1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	5.47	0.39
06 51 13 00-0071 SF 3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	7.42	0.41
06 51 13 00-0072 SF 1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	11.57	0.43

06 53 Plastic Decking (06 50)

**06 53 16 Plastic Stair Treads (06 53)**

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads (06 53 16)  
*Note: Includes standard colors and anchors. Excludes stringers.*

06 53 16 00-0002 SF 12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread .....	33.41	2.63
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06 60 Plastic Fabrications (06)

06 65 Plastic Trim (06 60)

06 65 00 00-0001 Plastic Moldings (06 65)

*Note: All dimensions are nominal.*

06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0003 LF 3-1/2" High, Base, Plastic Molding.....	2.98	0.96
06 65 00 00-0004 LF 4-1/2" High, Base, Plastic Molding.....	3.61	1.19
06 65 00 00-0005 LF 3/4" x 1", Base Shoe, Plastic Molding.....	2.72	1.00

06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0007 LF 1" x 2" Cornice, Plastic Molding .....	2.71	0.96
06 65 00 00-0008 LF 1" x 4" Cornice, Plastic Molding .....	3.43	1.00

**06 Wood, Plastics, and Composites****06 60 Plastic Fabrications****06 65 Plastic Trim**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0009 LF 1" x 6" Cornice, Plastic Molding .....	4.82	1.05
06 65 00 00-0010 LF 1" x 8" Cornice, Plastic Molding .....	5.57	1.10
06 65 00 00-0011 LF 1" x 10" Cornice, Plastic Molding .....	6.45	1.15
06 65 00 00-0012 LF 1" x 12" Cornice, Plastic Molding .....	8.33	1.19
<b>06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0014 LF 9/16" x 1-5/8" Crown Or Bed, Plastic Molding.....	5.10	0.96
06 65 00 00-0015 LF 9/16" x 2-1/4" Crown Or Bed, Plastic Molding.....	6.85	1.19
06 65 00 00-0016 LF 9/16" x 3-1/2" Crown Or Bed, Plastic Molding.....	7.16	1.19
06 65 00 00-0017 LF 9/16" x 3-5/8" Crown Or Bed, Plastic Molding.....	7.47	1.19
06 65 00 00-0018 LF 5/8" x 4-1/4" Crown Or Bed, Plastic Molding.....	9.80	1.44
06 65 00 00-0019 LF 11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	11.70	1.44
<b>06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0021 LF 11/16" x 1-3/8" Dentil, Plastic Molding .....	4.29	0.96
06 65 00 00-0022 LF 5/8" x 2-1/2" Dentil, Plastic Molding .....	4.87	0.96
06 65 00 00-0023 LF 1-3/8" x 3-3/8" Dentil, Plastic Molding .....	6.18	0.96
06 65 00 00-0024 LF 1-1/2" x 4-1/2" Dentil, Plastic Molding .....	8.45	0.96
<b>06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0026 LF 3/8" x 3/8" Cove, Plastic Molding .....	1.60	0.53
06 65 00 00-0027 LF 1/2" x 1/2" Cove, Plastic Molding .....	1.75	0.53
06 65 00 00-0028 LF 5/8" x 5/8" Cove, Plastic Molding .....	2.32	0.62
06 65 00 00-0029 LF 3/4" x 3/4" Cove, Plastic Molding .....	2.32	0.62
06 65 00 00-0030 LF 15/16" x 15/16" Cove, Plastic Molding .....	3.00	0.62
06 65 00 00-0031 LF 9/16" x 1-3/4" Cove, Plastic Molding.....	3.96	0.72
06 65 00 00-0032 LF 11/16" x 2-3/4" Cove, Plastic Molding.....	5.40	0.72
<b>06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0034 LF 1/2" x 1-5/8" Chair Rail, Plastic Molding.....	2.72	0.72
06 65 00 00-0035 LF 5/8" x 2-1/2" Chair Rail, Plastic Molding.....	3.66	0.96
06 65 00 00-0036 LF 5/8" x 3-1/2" Chair Rail, Plastic Molding.....	4.54	0.96
<b>06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0038 LF 1-1/8" Wide, Door, Plastic Molding .....	2.25	0.86
06 65 00 00-0039 LF 1-1/8" Wide, Detailed Door, Plastic Molding .....	2.27	0.86
<b>06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)</b>		
06 65 00 00-0041 LF 1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	2.32	1.00
06 65 00 00-0042 LF 3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	2.65	1.00
06 65 00 00-0043 LF 1-1/4" x 2" Brick Mould, Plastic Molding.....	3.15	0.96
06 65 00 00-0044 LF 1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....	3.73	0.96
06 65 00 00-0045 LF 11/16" x 1-5/8" Drip Cap, Plastic Molding .....	2.59	0.96
06 65 00 00-0046 LF 2-3/4" x 2" Water Table, Plastic Molding.....	4.15	0.96
06 65 00 00-0047 LF 3/8" x 2" Garage Door Stop, Plastic Molding.....	2.91	0.96
<b>06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)</b>		
Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049 LF 1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	2.13	0.38
06 65 00 00-0050 LF 1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.11	0.43
06 65 00 00-0051 LF 1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.09	0.47
06 65 00 00-0052 LF 1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.97	0.49
06 65 00 00-0053 LF 1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.94	0.51
06 65 00 00-0054 LF 5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	2.65	0.38
06 65 00 00-0055 LF 5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.91	0.43
06 65 00 00-0056 LF 5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.98	0.47
06 65 00 00-0057 LF 5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.19	0.49
06 65 00 00-0058 LF 5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.30	0.51
06 65 00 00-0059 LF 3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board .....	5.91	0.49
06 65 00 00-0060 LF 5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board .....	7.91	0.51
06 65 00 00-0061 SF 1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	4.11	0.43
06 65 00 00-0062 SF 3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	5.96	0.47

**END OF SECTION 06**



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**07 Thermal And Moisture Protection**

**07 01 Operation And Maintenance Of Thermal And Moisture Protection** (07)

**07 01 20 Maintenance Of Thermal Protection** (07 01)

**07 01 20 00-0001 Stucco Repair** (07 01 20)  
Note: Per location.

**07 01 20 00-0002 Crack Repairs** (07 01 20 00-0001)  
Note: Includes plaster weld.

07 01 20 00-0003	LF	Up To 10', Chip, Clean And Repair Crack In Stucco .....	9.12	
07 01 20 00-0004	LF	>10' To 50', Chip, Clean And Repair Crack In Stucco .....	7.32	
07 01 20 00-0005	LF	>50' To 100', Chip, Clean And Repair Crack In Stucco .....	5.97	
07 01 20 00-0006	LF	>100' To 250', Chip, Clean And Repair Crack In Stucco .....	4.62	
07 01 20 00-0007	LF	>250' To 500', Chip, Clean And Repair Crack In Stucco .....	3.73	
07 01 20 00-0008	LF	>500', Chip, Clean And Repair Crack In Stucco .....	2.82	

**07 01 20 00-0009 Hole Repairs** (07 01 20 00-0001)  
Note: Includes plaster weld.

07 01 20 00-0010	SF	Up To 10 SF, Cut And Patch Hole In Stucco To Match Existing.....	8.81	
07 01 20 00-0011	SF	>10 To 50 SF, Cut And Patch Hole In Stucco To Match Existing .....	7.81	
07 01 20 00-0012	SF	>50 To 100 SF, Cut And Patch Hole In Stucco To Match Existing .....	7.21	
07 01 20 00-0013	SF	>100 To 250 SF, Cut And Patch Hole In Stucco To Match Existing .....	6.70	
07 01 20 00-0014	SF	>250 To 500 SF, Cut And Patch Hole In Stucco To Match Existing .....	6.27	
07 01 20 00-0015	SF	>500 SF, Cut And Patch Hole In Stucco To Match Existing .....	5.79	

**07 01 20 00-0016 Damage Repairs** (07 01 20 00-0001)  
Note: Includes plaster weld.

07 01 20 00-0017	SF	Up To 10 SF, Chip, Clean And Repair Stucco.....	16.51	
07 01 20 00-0018	SF	>10 To 50 SF, Chip, Clean And Repair Stucco .....	12.02	
07 01 20 00-0019	SF	>50 To 250 SF, Chip, Clean And Repair Stucco .....	8.87	
07 01 20 00-0020	SF	>250 SF, Chip, Clean And Repair Stucco.....	7.08	

**07 01 50 Maintenance Of Membrane Roofing** (07 01)

**07 01 50 19 Preparation For Re-Roofing** (07 01 50)

**07 01 50 19-0001 Preparation For Re-Roofing** (07 01 50 19)

07 01 50 19-0002	SQ	Remove Pea Gravel Ballast From Roof, Vacuum And Disposal.....	19.27	
07 01 50 19-0003	SQ	Remove Gravel Ballast From Roof, Vacuum And Disposal .....	32.11	

**07 05 Common Work Results For Thermal And Moisture Protection** (07)

**07 05 13 Small Quantities And Repairs For Roofing** (07 05)

**07 05 13 00-0001 Roof Repair** (07 05 13)  
Note: Less than 100 SF areas.

07 05 13 00-0002	LF	Heat Weld Roofing Seams For Repair.....	3.73	
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**07 05 13 00-0003 Small Quantity Labor Set-Up Charge** (07 05 13)

Note: For use with all roofing tasks where the total roof quantity is 4 squares or less. This adjustment is to allow for minimum charge for labor. Excludes material cost or labor to install material.

07 05 13 00-0004	EA	Labor Crew Up-Charge For 1 SQ Or Less.....	669.41	
07 05 13 00-0005	EA	Labor Crew Up-Charge For >1 To 2 SQ.....	500.85	
07 05 13 00-0006	EA	Labor Crew Up-Charge For >2 To 3 SQ.....	334.70	
07 05 13 00-0007	EA	Labor Crew Up-Charge For >3 To 4 SQ.....	166.95	

**07 05 13 00-0008 Emergency Roof Patch** (07 05 13)

Note: 4 Hour response time.

07 05 13 00-0009	EA	Mobilize For Emergency Roof Patching.....	222.42	
07 05 13 00-0010	EA	Granule Emergency Roof Patch Cover 16 SF.....	54.14	

**07 05 13 00-0011 Adhesives** (07 05 13)

Note: For repair of seams.

**07 05 13 00-0012 Mastic Sealer** (07 05 13 00-0011)

**07 05 13 00-0013 Applied At Joints Only** (07 05 13 00-0012)

07 05 13 00-0014	LF	Mastic Sealer, 1/4" Bead At Joint.....	2.25	0.95
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**07 Thermal And Moisture Protection****07 05 Common Work Results For Thermal And Moisture Protection****07 05 13 Small Quantities And Repairs For Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 10 Dampproofing And Waterproofing** <sup>(07)</sup>

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

**07 11 Dampproofing** <sup>(07 10)</sup>**07 11 13 Bituminous Dampproofing** <sup>(07 11)</sup>**07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray** <sup>(07 11 13)</sup>

07 11 13 00-0002 CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray ..... 87.28  
07 11 13 00-0003 CSF 2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray ..... 131.84

**07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On** <sup>(07 11 13)</sup>

07 11 13 00-0005 CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On ..... 152.12  
07 11 13 00-0006 CSF Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On ..... 239.15

**07 11 13 00-0007 Asphaltic Paint Dampproofing** <sup>(07 11 13)</sup>

07 11 13 00-0008 CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On ..... 69.22  
07 11 13 00-0009 CSF 2 Coats, Asphaltic Paint Dampproofing, Brushed On ..... 128.42

**07 11 19 Sheet Dampproofing** <sup>(07 11)</sup>**07 11 19 00-0001 Neoprene** <sup>(07 11 19)</sup>

07 11 19 00-0002 SF 1/16" Patch Neoprene Roof (5-20 SF) ..... 19.03

**07 13 Sheet Waterproofing** <sup>(07 10)</sup>**07 13 13 Bituminous Sheet Waterproofing** <sup>(07 13)</sup>**07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped** <sup>(07 13 13)</sup>

07 13 13 00-0002 CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped ..... 149.69 54.45  
*For 30 LB Felt, Add* 30.59  
*For Application To Horizontal Surfaces, Deduct* -16.34  
07 13 13 00-0003 CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped ..... 186.69 61.26  
*For 30 LB Felt, Add* 48.14  
*For Application To Horizontal Surfaces, Deduct* -18.38  
07 13 13 00-0004 CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped ..... 223.69 68.07  
*For 30 LB Felt, Add* 65.68  
*For Application To Horizontal Surfaces, Deduct* -20.42  
07 13 13 00-0005 CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped ..... 260.70 74.87  
*For 30 LB Felt, Add* 83.22  
*For Application To Horizontal Surfaces, Deduct* -22.46  
07 13 13 00-0006 CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped ..... 297.71 81.68  
*For 30 LB Felt, Add* 100.77  
*For Application To Horizontal Surfaces, Deduct* -24.50

**07 13 13 00-0007 Asphalt Coated Protective Board** <sup>(07 13 13)</sup>

07 13 13 00-0008 CSF 1/8" Asphalt Coated Protective Board ..... 136.64 53.63  
*For Application To Horizontal Surfaces, Deduct* -17.89  
07 13 13 00-0009 CSF 1/4" Asphalt Coated Protective Board ..... 189.55 55.69  
*For Application To Horizontal Surfaces, Deduct* -18.57  
07 13 13 00-0010 CSF 3/8" Asphalt Coated Protective Board ..... 253.38 58.04  
*For Application To Horizontal Surfaces, Deduct* -19.34  
07 13 13 00-0011 CSF 1/2" Asphalt Coated Protective Board ..... 285.30 60.37  
*For Application To Horizontal Surfaces, Deduct* -20.13

**07 13 53 Elastomeric Sheet Waterproofing** <sup>(07 13)</sup>**07 13 53 00-0001 Rubberized Membrane Sheet** <sup>(07 13 53)</sup>

07 13 53 00-0002 SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface ..... 3.98 0.55  
*For Floor Surfaces, Deduct* -0.56

**07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM)** <sup>(07 13 53)</sup>

07 13 53 00-0004 CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane ..... 276.77 77.97  
*For Application To Horizontal Surfaces, Deduct* -23.39  
07 13 53 00-0005 CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane ..... 332.55 77.97  
*For Application To Horizontal Surfaces, Deduct* -23.39

**07 13 53 00-0006 Butyl Sheet Waterproofing** <sup>(07 13 53)</sup>



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Dampproofing And Waterproofing</b>	<b>07 10</b>
<b>Sheet Waterproofing</b>	<b>07 13</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0007 CSF 1/32" Butyl Sheet Waterproofing.....	57.16	19.49
For Joint Taping, Add	7.35	
For Each Additional Ply, Add	41.97	
For Application To Horizontal Surfaces, Deduct	-2.93	
07 13 53 00-0008 CSF 1/16" Butyl Sheet Waterproofing.....	69.14	19.49
For Joint Taping, Add	7.95	
For Each Additional Ply, Add	50.35	
For Application To Horizontal Surfaces, Deduct	-2.93	
<b>07 13 53 00-0009 Butyl With Nylon (07 13 53)</b>		
07 13 53 00-0010 CSF 1/32" Butyl Elastomeric Waterproofing With Nylon .....	64.01	19.49
For Joint Taping, Add	7.69	
For Each Additional Ply, Add	46.76	
For Application To Horizontal Surfaces, Deduct	-2.93	
07 13 53 00-0011 CSF 1/16" Butyl Elastomeric Waterproofing With Nylon .....	71.71	19.49
For Joint Taping, Add	8.08	
For Each Additional Ply, Add	52.15	
For Application To Horizontal Surfaces, Deduct	-2.93	
<b>07 13 53 00-0012 Neoprene Sheet Waterproofing (07 13 53)</b>		
07 13 53 00-0013 CSF 1/32" Neoprene Sheet Waterproofing .....	103.40	19.49
For Joint Taping, Add	9.66	
For Each Additional Ply, Add	74.33	
For Application To Horizontal Surfaces, Deduct	-2.93	
07 13 53 00-0014 CSF 1/16" Neoprene Sheet Waterproofing .....	154.37	19.49
For Joint Taping, Add	12.21	
For Each Additional Ply, Add	110.01	
For Application To Horizontal Surfaces, Deduct	-2.93	
<b>07 13 53 00-0015 Neoprene With Nylon (07 13 53)</b>		
07 13 53 00-0016 CSF 1/32" Neoprene Elastomeric Waterproofing With Nylon .....	108.72	19.49
For Joint Taping, Add	9.93	
For Each Additional Ply, Add	78.06	
For Application To Horizontal Surfaces, Deduct	-2.93	
07 13 53 00-0017 CSF 1/16" Neoprene Elastomeric Waterproofing With Nylon .....	162.87	19.49
For Joint Taping, Add	12.64	
For Each Additional Ply, Add	115.96	
For Application To Horizontal Surfaces, Deduct	-2.93	
<b>07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) (07 13 53)</b>		
07 13 53 00-0019 CSF 4 Mil Polyethylene Vapor Barrier .....	14.91	5.83
For Joint Taping, Add	3.71	
For Each Additional Ply, Add	11.73	
For Application To Horizontal Surfaces, Deduct	-1.94	
07 13 53 00-0020 CSF 6 Mil Polyethylene Vapor Barrier .....	15.81	5.83
For Joint Taping, Add	3.76	
For Each Additional Ply, Add	12.36	
For Application To Horizontal Surfaces, Deduct	-1.94	
07 13 53 00-0021 CSF 10 Mil Polyethylene Vapor Barrier .....	18.48	5.83
For Joint Taping, Add	3.89	
For Each Additional Ply, Add	14.23	
For Application To Horizontal Surfaces, Deduct	-1.94	
07 13 53 00-0022 CSF 60 Mil Polyethylene Vapor Barrier With Bentonite .....	86.79	5.83
Note: Includes seam tape, liquid mastic, anchors and termination bar.		
For Joint Taping, Add	7.64	
For Each Additional Ply, Add	62.19	
For Application To Horizontal Surfaces, Deduct	-2.15	
<b>07 13 53 00-0023 Plastic Vapor Barrier (PVC) (07 13 53)</b>		
07 13 53 00-0024 CSF 10 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	28.23	6.45
For Joint Taping, Add	4.38	
For Each Additional Ply, Add	21.05	
For Application To Horizontal Surfaces, Deduct	-1.94	
07 13 53 00-0025 CSF 20 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	39.86	6.69
For Joint Taping, Add	5.08	
For Each Additional Ply, Add	29.24	
For Application To Horizontal Surfaces, Deduct	-2.01	
07 13 53 00-0026 CSF 30 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	55.64	6.93
For Joint Taping, Add	5.97	
For Each Additional Ply, Add	40.33	
For Application To Horizontal Surfaces, Deduct	-2.08	
<b>07 13 53 00-0027 Vinyl Plastic Vapor Barrier (07 13 53)</b>		
07 13 53 00-0028 CSF Tu-Tuf 4, 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints.....	20.20	5.97

**07 14 Fluid-Applied Waterproofing (07 10)**

**07 Thermal And Moisture Protection****07 10 Dampproofing And Waterproofing****07 14 Fluid-Applied Waterproofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing (07 14)</b>		
<b>07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)</b>		
07 14 13 00-0002 SF 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	1.20	
Note: Includes primer.		
For Application To Horizontal Surfaces, Deduct	-0.10	
For Reinforcing Fabric, Add	0.27	
07 14 13 00-0003 SF 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	1.42	
Note: Includes primer.		
For Application To Horizontal Surfaces, Deduct	-0.11	
For Reinforcing Fabric, Add	0.27	
<b>07 14 16 Cold Fluid-Applied Waterproofing (07 14)</b>		
<b>07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane (07 14 16)</b>		
07 14 16 00-0002 SF 60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	2.28	
For Application To Horizontal Surfaces, Deduct	-0.24	
07 14 16 00-0003 SF 90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	2.72	
For Application To Horizontal Surfaces, Deduct	-0.25	
07 14 16 00-0004 SF 120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	3.18	
For Application To Horizontal Surfaces, Deduct	-0.26	
<b>07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)</b>		
07 14 16 00-0006 SF Chlorosulfonated Polyethylene Polymer 1 Part Solution, 15 Mil, Finish Coat.....	1.38	
<b>07 14 16 00-0007 Copolymer Compound (07 14 16)</b>		
07 14 16 00-0008 SF Fluid Elastomeric Copolymer Compound For Slabs 32 Mil.....	2.16	
<b>07 14 16 00-0009 Fluid Applied Neoprene (07 14 16)</b>		
07 14 16 00-0010 CSF Fluid Neoprene, 1/8" Fiberglass Reinforced.....	262.07	
For Application To Horizontal Surfaces, Deduct	-28.40	
07 14 16 00-0011 CSF Fluid Neoprene, 50 Mil, 4 Coats.....	601.75	
For Application To Horizontal Surfaces, Deduct	-55.72	
07 14 16 00-0012 CSF Fluid Neoprene, 90 Mil, 4 Coats.....	1,017.48	
For Application To Horizontal Surfaces, Deduct	-83.54	
<b>07 16 Cementitious And Reactive Waterproofing (07 10)</b>		
<b>07 16 13 Polymer Modified Cement Waterproofing (07 16)</b>		
07 16 13 00-0001 SF Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	2.36	
Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		
<b>07 16 16 Crystalline Waterproofing (07 16)</b>		
07 16 16 00-0001 SF Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	3.07	
<b>07 16 19 Metal Oxide Waterproofing (07 16)</b>		
<b>07 16 19 00-0001 Metallic Oxide Waterproofing (07 16 19)</b>		
Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002 CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....	243.83	
For Application To Horizontal Surfaces, Deduct	-30.33	
<b>07 17 Bentonite Waterproofing (07 10)</b>		
<b>07 17 13 Bentonite Panel Waterproofing (07 17)</b>		
07 17 13 00-0001 CSF 3/16" Bentonite Waterproofing Panels.....	244.44	63.99
For Application To Horizontal Surfaces, Deduct	-19.20	
07 17 13 00-0002 CSF 1/4" Bentonite Waterproofing Panels.....	219.90	67.61
For Application To Horizontal Surfaces, Deduct	-20.78	
07 17 13 00-0003 CSF 5/8" Bentonite Waterproofing Panels.....	311.02	70.51
For Application To Horizontal Surfaces, Deduct	-21.15	
07 17 13 00-0004 CSF 3/8" Granular Bentonite, Troweled.....	250.29	58.65
For Application To Horizontal Surfaces, Deduct	-17.59	
<b>07 18 Traffic Coatings (07 10)</b>		
<b>07 18 13 Pedestrian Traffic Coatings (07 18)</b>		
07 18 13 00-0001 Coatings (07 18 13)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0002 SF Primer and Epoxy With Non Slip Aggregate Traffic Coating.....	2.48	
Note: General Polymers 3579 primer and 3744P topcoat with non-slip aggregate.		
07 18 13 00-0003 SF 100% Acrylic Emulsion Protective Wall Coating .....	2.48	
Note: Sikagard 550W		
07 18 13 00-0004 SF 100% Acrylic Emulsion Protective Wall Or Floor Coating.....	2.48	
Note: Sikagard 670W		
07 18 13 00-0005 SF Polymer Modified Portland Cement Coating.....	3.71	
Note: SikaTop 144		
07 18 13 00-0006 SF Epoxy Resin Mortar Protective Coating With Non Slip Aggregate.....	3.71	
Note: Sikadur 22 Lo-Mod		
07 18 13 00-0007 SF Concrete And Steel Primer.....	1.05	
Note: Sika Armatec 110 EpoCem.		
07 18 13 00-0008 SF Vehicular Traffic Bearing Epoxy Coating .....	4.38	
Note: Includes shot blasting, traffic coating, applying sand, removal of excess sand, second traffic coating, second sand application, and removal of excess sand. TAMMS Flexolith Virginia EP-5 Modified.		
	For Up To 5,000 SF, Add	0.65
	For >5,000 To 15,000 SF, Add	0.39
	For >15,000 To 25,000 SF, Add	0.13
	For >50,000 To 75,000 SF, Deduct	-0.08
	For >75,000 SF, Deduct	-0.15
07 18 13 00-0009 SF Pedestrian Traffic Bearing Urethane Coating .....	2.17	
Note: Includes water blasting, primer, basecoat, and topcoat. Pecora Deck.		
07 18 13 00-0010 SF Seal Painting Exposed Metal.....	1.60	
Note: Thortex Poly-nox. Two coats at minimum 13 mil thickness each.		

07 19 Water Repellents (07 10)

**07 19 13 Acrylic Sealer (07 19)**

Note: Per coat.

07 19 13 00-0001 SF Acrylic Sealer, Spray On Concrete .....	1.24
07 19 13 00-0002 SF Acrylic Sealer, Spray On Concrete Block/Brick.....	1.48
07 19 13 00-0003 SF Acrylic Sealer, Spray On Stone .....	1.62

**07 19 16 Silane Water Repellents (07 19)**

**07 19 16 00-0001 Silane Concrete Sealer (07 19 16)**

07 19 16 00-0002 SF Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....	0.36
07 19 16 00-0003 SF Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....	0.53

**07 19 16 00-0004 Silane/Siloxane Concrete Sealer (07 19 16)**

07 19 16 00-0005 SF Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40).....	0.65
Note: 40% silane, alcohol based.	
07 19 16 00-0006 SF Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40).....	0.95
Note: 40% silane, alcohol based.	
07 19 16 00-0007 SF Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....	0.24
Note: 200 SF/GAL	
07 19 16 00-0008 SF Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) .....	0.36

07 20 Thermal Protection (07)

07 21 Thermal Insulation (07 20)

**07 21 13 Board Insulation (07 21)**

Note: Types are stock sizes, mastic applied. See CSI section 07 22 16 00-0001 for rigid insulation for roofs.

**07 21 13 13 Foam Board Insulation (07 21 13)**

**07 21 13 13-0001 Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13)**

07 21 13 13-0002 SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation.....	2.11	0.16
For Horizontal Surface Application, Deduct		
	-0.03	
For Vapor Barrier, Integral With Insulation, Add		
	0.05	
For Mechanically Fastened To Wood Or Steel, Deduct		
	-0.14	
For Mechanically Fastened To Concrete, Add		
	-0.02	
For Mechanically Fastened To Gypsum, Add		
	0.13	
07 21 13 13-0003 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation .....	3.01	0.17
For Horizontal Surface Application, Deduct		
	-0.03	
For Vapor Barrier, Integral With Insulation, Add		
	0.05	
For Mechanically Fastened To Wood Or Steel, Deduct		
	-0.09	
For Mechanically Fastened To Concrete, Add		
	0.00	
For Mechanically Fastened To Gypsum, Add		
	0.13	
07 21 13 13-0004 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation.....	3.61	0.17
For Horizontal Surface Application, Deduct		
	-0.03	
For Vapor Barrier, Integral With Insulation, Add		
	0.05	
For Mechanically Fastened To Wood Or Steel, Deduct		
	-0.09	
For Mechanically Fastened To Concrete, Add		
	0.00	
For Mechanically Fastened To Gypsum, Add		
	0.15	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0005	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation.....	4.81	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
<b>07 21 13 13-0006</b>			<b>Expanded Polystyrene, Foam Board Insulation</b> (07 21 13 13)		
07 21 13 13-0007	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.85	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 13-0008	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.90	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 13-0009	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.05	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 13-0010	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.19	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 13-0011	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.77	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
07 21 13 13-0012	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.35	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 21 13 13-0013	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.92	0.18
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.25	
07 21 13 13-0014	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.50	0.18
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.17	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
07 21 13 13-0015	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.09	0.18
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.38	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.38	
<b>07 21 13 13-0016</b>			<b>Extruded Polystyrene, Foam Board Insulation</b> (07 21 13 13)		
			Note: 15 PSI compressive strength.		
07 21 13 13-0017	SF		3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation.....	0.98	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
			<i>For 25 PSI Compressive Strength, Add</i>	0.11	
			<i>For 40 PSI Compressive Strength, Add</i>	0.27	
			<i>For 60 PSI Compressive Strength, Add</i>	0.43	
			<i>For 115 PSI Compressive Strength, Add</i>	1.85	





<b>Thermal And Moisture Protection</b>			<b>07</b>
Thermal Protection			07 20
Thermal Insulation			07 21

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0018	SF	1/2"	Thick, R2.5, Extruded Polystyrene, Foam Board Insulation .....	1.17	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
			<i>For 25 PSI Compressive Strength, Add</i>	0.14	
			<i>For 40 PSI Compressive Strength, Add</i>	0.34	
			<i>For 60 PSI Compressive Strength, Add</i>	0.54	
			<i>For 115 PSI Compressive Strength, Add</i>	2.34	
07 21 13 13-0019	SF	3/4"	Thick, R3.7, Extruded Polystyrene, Foam Board Insulation .....	1.32	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
			<i>For 40 PSI Compressive Strength, Add</i>	0.40	
			<i>For 60 PSI Compressive Strength, Add</i>	0.62	
			<i>For 115 PSI Compressive Strength, Add</i>	2.73	
07 21 13 13-0020	SF	1"	Thick, R5.0, Extruded Polystyrene, Foam Board Insulation .....	1.40	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
			<i>For 25 PSI Compressive Strength, Add</i>	0.18	
			<i>For 40 PSI Compressive Strength, Add</i>	0.43	
			<i>For 60 PSI Compressive Strength, Add</i>	0.67	
			<i>For 115 PSI Compressive Strength, Add</i>	2.93	
07 21 13 13-0021	SF	2"	Thick, R10.0, Extruded Polystyrene, Foam Board Insulation .....	2.19	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
			<i>For 25 PSI Compressive Strength, Add</i>	0.31	
			<i>For 40 PSI Compressive Strength, Add</i>	0.73	
			<i>For 60 PSI Compressive Strength, Add</i>	1.12	
			<i>For 115 PSI Compressive Strength, Add</i>	4.94	
07 21 13 13-0022	SF	3"	Thick, R15.0, Extruded Polystyrene, Foam Board Insulation .....	2.98	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
			<i>For 40 PSI Compressive Strength, Add</i>	1.02	
			<i>For 60 PSI Compressive Strength, Add</i>	1.57	
			<i>For 115 PSI Compressive Strength, Add</i>	6.94	
07 21 13 13-0023	SF	4"	Thick, R20.0, Extruded Polystyrene, Foam Board Insulation .....	3.37	0.18
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.25	
			<i>For 25 PSI Compressive Strength, Add</i>	0.49	
			<i>For 40 PSI Compressive Strength, Add</i>	1.17	
			<i>For 60 PSI Compressive Strength, Add</i>	1.80	
			<i>For 115 PSI Compressive Strength, Add</i>	7.94	

**07 21 13 16 Fibrous Board Insulation (07 21 13)**

07 21 13 16-0001	<b>Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16)</b>				
07 21 13 16-0002	SF	1"	Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation .....	1.27	0.20
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
07 21 13 16-0003	SF	2"	Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation .....	1.93	0.24
			<i>For Horizontal Surface Application, Deduct</i>	-0.04	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.20	
07 21 13 16-0004	SF	3"	Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation .....	2.58	0.29
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0005			<b>Fiberglass, Fibrous Board Insulation</b> (07 21 13 16)		
07 21 13 16-0006	SF		1" Thick, R4.2, Fiberglass, Fibrous Board Insulation .....	2.45	0.16
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.02	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 16-0007	SF		1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation .....	2.76	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.13	
07 21 13 16-0008	SF		2" Thick, R8.0, Fiberglass, Fibrous Board Insulation .....	3.43	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
07 21 13 16-0009	SF		2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation .....	3.97	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.18	
07 21 13 16-0010	SF		3" Thick, R12.4, Fiberglass, Fibrous Board Insulation .....	4.09	0.17
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 21 13 19			<b>Mineral Board Insulation</b> (07 21 13)		
07 21 13 19-0001			<b>High-Density Fiberboard, Mineral Board Insulation</b> (07 21 13 19)		
07 21 13 19-0002	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation .....	0.94	0.18
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	-0.01	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.14	
07 21 13 19-0003	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation .....	1.14	0.19
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
07 21 13 19-0004	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation .....	1.34	0.20
			<i>For Horizontal Surface Application, Deduct</i>	-0.03	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.00	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.15	
07 21 13 19-0005	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation .....	1.70	0.22
			<i>For Horizontal Surface Application, Deduct</i>	-0.04	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.03	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.16	
07 21 13 19-0006	SF		2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation .....	2.07	0.24
			<i>For Horizontal Surface Application, Deduct</i>	-0.04	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.05	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.20	
07 21 13 19-0007	SF		3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation .....	0.83	0.29
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**07 21 16**

**Blanket Insulation (07 21)**

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

**07 21 16 00-0001**

**Fiberglass Flexible Insulation (07 21 16)**

Note: Rolls or batts.

**07 21 16 00-0002**

**Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)**

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation .....	0.89		0.24
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation .....	0.97		0.24
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation .....	1.00		0.24
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation .....	1.37		0.24
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation .....	1.10		0.24
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation .....	1.74		0.30
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	1.86		0.30

**07 21 16 00-0010**

**Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)**

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	0.83		0.24
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	0.93		0.24
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.29		0.24
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	1.31		0.24
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.06		0.24
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	1.62		0.30
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	1.79		0.30

**07 21 16 00-0018**

**Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)**

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation .....	1.04		0.24
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation .....	1.18		0.24
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation .....	1.29		0.24
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....	1.96		0.30
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....	2.13		0.30

**07 21 16 00-0024**

**Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)**

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation .....	0.92		0.24
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation .....	1.00		0.24
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation .....	1.42		0.24
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation .....	1.11		0.24
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation .....	1.74		0.30
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation .....	1.79		0.30

**07 21 16 00-0031**

**Mineral Wool Flexible Insulation (07 21 16)**

**07 21 16 00-0032**

**Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)**

07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....	1.01		0.24
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....	1.39		0.24
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....	2.29		0.24
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....	2.64		0.24

**07 21 16 00-0037**

**Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)**

07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....	0.93		0.24
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....	1.26		0.24
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....	2.04		0.24
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation.....	2.34		0.24

**07 21 16 00-0042**

**Natural Cotton Insulation (07 21 16)**

**07 21 16 00-0043**

**UltraTouch Natural Cotton Insulation (07 21 16 00-0042)**

Note: 85% recycled denim cotton.

07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch Natural Cotton Insulation.....	1.45		0.24
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch Natural Cotton Insulation.....	1.66		0.24
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch Natural Cotton Insulation.....	1.87		0.24
07 21 16 00-0047	SF	8", R-30 UltraTouch Natural Cotton Insulation.....	2.57		0.24

**07 21 19**

**Foamed-In-Place Insulation (07 21)**

**07 21 19 16**

**Polyurethane Foam Insulation (07 21 19)**

**07 21 19 16-0001**

**Foam Sprayed On Insulation (07 21 19 16)**

07 21 19 16-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	0.67		
07 21 19 16-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.15		
07 21 19 16-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.65		
07 21 19 16-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.13		
07 21 19 16-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.62		
07 21 19 16-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.11		
07 21 19 16-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	1.30		

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21	19 16-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	2.13	
07 21	19 16-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	2.97	
07 21	19 16-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	3.82	
07 21	19 16-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	4.66	
07 21	19 16-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	5.50	
<b>07 21 23 Loose-Fill Insulation (07 21)</b>					
<b>07 21 23 00-0001 Poured Type, Loose Fill Insulation (07 21 23)</b>					
07 21	23 00-0002	CF	R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation .....	3.83	1.40
07 21	23 00-0003	CF	R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation .....	4.19	1.40
<b>07 21 23 00-0004 Concrete Block Wall Cavity Insulation (07 21 23)</b>					
07 21	23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation .....	5.79	1.40
07 21	23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation .....	5.72	1.40
<b>07 21 26 Blown Insulation (07 21)</b>					
<b>07 21 26 00-0001 Fiberglass Blown-In Insulation (07 21 26)</b>					
<b>07 21 26 00-0002 Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)</b>					
07 21	26 00-0003	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation .....	0.86	0.60
07 21	26 00-0004	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation .....	1.11	0.72
07 21	26 00-0005	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation .....	1.22	0.77
07 21	26 00-0006	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation .....	1.46	0.84
07 21	26 00-0007	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation .....	1.70	0.90
07 21	26 00-0008	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation .....	1.84	0.95
07 21	26 00-0009	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation .....	1.89	0.95
07 21	26 00-0010	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation .....	2.00	0.95
07 21	26 00-0011	SF	19" Thick, R-56 Attic, Fiberglass Blown In Insulation .....	2.25	0.95
07 21	26 00-0012	SF	21" Thick, R-60 Attic, Fiberglass Blown In Insulation .....	2.26	0.95
<b>07 21 26 00-0013 New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)</b>					
07 21	26 00-0014	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation .....	1.31	0.60
07 21	26 00-0015	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation .....	1.78	0.72
07 21	26 00-0016	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation .....	2.14	0.77
07 21	26 00-0017	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation .....	2.59	0.84
<b>07 21 26 00-0018 Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)</b>					
Note: Includes drilling. Excludes patching.					
07 21	26 00-0019	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation .....	1.23	0.60
07 21	26 00-0020	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation .....	1.70	0.72
07 21	26 00-0021	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation .....	2.06	0.77
07 21	26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation .....	2.51	0.84
<b>07 21 26 00-0023 Cellulose Blown-In Insulation (07 21 26)</b>					
<b>07 21 26 00-0024 Attic, Cellulose Blown-In Insulation (07 21 26 00-0023)</b>					
07 21	26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation .....	0.88	0.60
07 21	26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation .....	1.08	0.66
07 21	26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation .....	1.22	0.72
07 21	26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation .....	1.44	0.77
07 21	26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation .....	1.48	0.77
07 21	26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation .....	1.76	0.84
07 21	26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation .....	1.82	0.84
07 21	26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation .....	2.16	0.90
07 21	26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation .....	2.48	0.95
<b>07 21 26 00-0034 New Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)</b>					
07 21	26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation .....	1.27	0.60
07 21	26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation .....	1.73	0.72
07 21	26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation .....	2.06	0.77
07 21	26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation .....	2.49	0.84
<b>07 21 26 00-0039 Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)</b>					
Note: Includes drilling. Excludes patching.					
07 21	26 00-0040	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation .....	1.19	0.60
07 21	26 00-0041	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation .....	1.65	0.72
07 21	26 00-0042	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation .....	1.98	0.77
07 21	26 00-0043	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation .....	2.41	0.84
<b>07 21 29 Sprayed Insulation (07 21)</b>					



<b>Thermal And Moisture Protection</b>			<b>07</b>
Thermal Protection			07 20
Thermal Insulation			07 21

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 21 29 00-0001</b> Fiber Sprayed On Insulation <small>(07 21 29)</small>		
07 21 29 00-0002 SF 1" Spray, R2.7 Perlite Insulation.....	1.35	0.31
07 21 29 00-0003 SF 1" Spray, R3.7 Fibrous/Cementitious Insulation .....	0.98	0.31
<b>07 21 29 00-0004</b> Cellulose Sprayed On Insulation <small>(07 21 29)</small>		
07 21 29 00-0005 SF 1" Thick - Cellulose Spray-on Insulation .....	2.08	0.31
<b>07 21 53 Reflective Insulation</b> <small>(07 21)</small>		
<b>07 21 53 00-0001</b> Reflective Barrier Insulation (Foil - Single Bubble - Foil) <small>(07 21 53)</small>		
07 21 53 00-0002 SF 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space.....	0.59	
<b>07 22 Roof And Deck Insulation</b> <small>(07 20)</small>		
<b>07 22 16 Roof Board Insulation</b> <small>(07 22)</small>		
Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
<b>07 22 16 00-0001</b> Rigid Board Roofing Insulation <small>(07 22 16)</small>		
<b>07 22 16 00-0002</b> High-Density Fiberboard, Roof Board Insulation <small>(07 22 16 00-0001)</small>		
07 22 16 00-0003 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation .....	1.23	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0004 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation .....	1.45	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.10	
For Mechanically Fastened To Gypsum, Add	0.25	
07 22 16 00-0005 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation .....	1.66	
For Hot-Mopped, Deduct	-0.16	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.11	
For Mechanically Fastened To Gypsum, Add	0.26	
07 22 16 00-0006 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation .....	2.06	
For Hot-Mopped, Deduct	-0.16	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.15	
For Mechanically Fastened To Gypsum, Add	0.28	
07 22 16 00-0007 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation .....	2.46	
For Hot-Mopped, Deduct	-0.15	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.17	
For Mechanically Fastened To Gypsum, Add	0.32	
<b>07 22 16 00-0008</b> Wood Fiber (Cellulosic-Fiber), Roof Board Insulation <small>(07 22 16 00-0001)</small>		
07 22 16 00-0009 SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.31	
For Hot-Mopped, Deduct	-0.16	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.11	
For Mechanically Fastened To Gypsum, Add	0.26	
07 22 16 00-0010 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.59	
For Hot-Mopped, Deduct	-0.16	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.11	
For Mechanically Fastened To Gypsum, Add	0.26	
<b>07 22 16 00-0011</b> Perlite, Roof Board Insulation <small>(07 22 16 00-0001)</small>		
07 22 16 00-0012 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation.....	1.20	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.06	
For Mechanically Fastened To Gypsum, Add	0.21	
07 22 16 00-0013 SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation.....	1.34	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.06	
For Mechanically Fastened To Gypsum, Add	0.21	
07 22 16 00-0014 SF 1" Thick, R2.78, Perlite, Roof Board Insulation.....	1.50	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.06	
For Mechanically Fastened To Gypsum, Add	0.21	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0015	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation.....	1.89	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	
07 22 16 00-0016	SF		2" Thick, R5.56, Perlite, Roof Board Insulation.....	2.13	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.24	
<b>07 22 16 00-0017</b>			<b>Basalt Rock Wool, Roof Board Insulation (07 22 16 00-0001)</b>		
07 22 16 00-0018	SF		1" Thick, R3.5, Basalt Rock Wool, Roof Board Insulation.....	1.71	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 22 16 00-0019	SF		2" Thick, R7.4, Basalt Rock Wool, Roof Board Insulation.....	2.33	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.24	
07 22 16 00-0020	SF		3" Thick, R11.1, Basalt Rock Wool, Roof Board Insulation.....	3.07	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
<b>07 22 16 00-0021</b>			<b>Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0001)</b>		
07 22 16 00-0022	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation.....	3.27	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	
07 22 16 00-0023	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation.....	3.87	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.24	
07 22 16 00-0024	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation.....	5.08	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
07 22 16 00-0025	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation.....	6.28	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
<b>07 22 16 00-0026</b>			<b>Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0001)</b>		
07 22 16 00-0027	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.03	
			<i>For Loose-Laid, Deduct</i>	-0.56	
			<i>For Hot-Mopped, Deduct</i>	-0.19	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 22 16 00-0028	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.08	
			<i>For Loose-Laid, Deduct</i>	-0.56	
			<i>For Hot-Mopped, Deduct</i>	-0.19	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 22 16 00-0029	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.23	
			<i>For Loose-Laid, Deduct</i>	-0.56	
			<i>For Hot-Mopped, Deduct</i>	-0.19	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 22 16 00-0030	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.37	
			<i>For Loose-Laid, Deduct</i>	-0.56	
			<i>For Hot-Mopped, Deduct</i>	-0.19	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 22 16 00-0031	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.96	
			<i>For Loose-Laid, Deduct</i>	-0.57	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.07	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Thermal Protection</b>	<b>07 20</b>
<b>Roof And Deck Insulation</b>	<b>07 22</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0032 SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS) .....	2.54	
For Loose-Laid, Deduct	-0.57	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.11	
For Mechanically Fastened To Gypsum, Add	0.27	
07 22 16 00-0033 SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS) .....	3.13	
For Loose-Laid, Deduct	-0.58	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	0.01	
For Mechanically Fastened To Concrete, Add	0.18	
For Mechanically Fastened To Gypsum, Add	0.32	
07 22 16 00-0034 SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS) .....	3.71	
For Loose-Laid, Deduct	-0.59	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.24	
For Mechanically Fastened To Gypsum, Add	0.37	
07 22 16 00-0035 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS) .....	4.30	
For Loose-Laid, Deduct	-0.59	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.45	
For Mechanically Fastened To Gypsum, Add	0.45	
<b>07 22 16 00-0036 Extruded Polystyrene, Roof Board Insulation</b> (07 22 16 00-0001)		
Note: 15 PSI compressive strength.		
07 22 16 00-0037 SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation .....	1.58	
For Loose-Laid, Deduct	-0.60	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.06	
For Mechanically Fastened To Gypsum, Add	0.21	
For 25 PSI Compressive Strength, Add	0.17	
For 40 PSI Compressive Strength, Add	0.40	
For 60 PSI Compressive Strength, Add	0.64	
For 115 PSI Compressive Strength, Add	2.75	
07 22 16 00-0038 SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation .....	1.66	
For Loose-Laid, Deduct	-0.60	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.06	
For Mechanically Fastened To Gypsum, Add	0.21	
For 25 PSI Compressive Strength, Add	0.18	
For 40 PSI Compressive Strength, Add	0.43	
For 60 PSI Compressive Strength, Add	0.68	
For 115 PSI Compressive Strength, Add	2.96	
07 22 16 00-0039 SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation .....	2.05	
For Loose-Laid, Deduct	-0.60	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.08	
For Mechanically Fastened To Gypsum, Add	0.21	
For 25 PSI Compressive Strength, Add	0.24	
For 40 PSI Compressive Strength, Add	0.58	
For 60 PSI Compressive Strength, Add	0.91	
For 100 PSI Compressive Strength, Add	1.17	
For 115 PSI Compressive Strength, Add	3.96	
07 22 16 00-0040 SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation .....	2.45	
For Loose-Laid, Deduct	-0.60	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
For 25 PSI Compressive Strength, Add	0.31	
For 40 PSI Compressive Strength, Add	0.73	
For 60 PSI Compressive Strength, Add	1.13	
For 115 PSI Compressive Strength, Add	4.96	
07 22 16 00-0041 SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation .....	2.84	
For Loose-Laid, Deduct	-0.60	
For Hot-Mopped, Deduct	-0.18	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.13	
For Mechanically Fastened To Gypsum, Add	0.27	
For 25 PSI Compressive Strength, Add	0.37	
For 40 PSI Compressive Strength, Add	0.87	
For 60 PSI Compressive Strength, Add	1.36	
For 100 PSI Compressive Strength, Add	1.75	
For 115 PSI Compressive Strength, Add	5.97	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0042	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation .....	3.25	
			<i>For Loose-Laid, Deduct</i>	-0.61	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
			<i>For 40 PSI Compressive Strength, Add</i>	1.02	
			<i>For 60 PSI Compressive Strength, Add</i>	1.59	
			<i>For 115 PSI Compressive Strength, Add</i>	6.97	
07 22 16 00-0043	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation .....	3.65	
			<i>For Loose-Laid, Deduct</i>	-0.62	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.20	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.34	
			<i>For 25 PSI Compressive Strength, Add</i>	0.49	
			<i>For 40 PSI Compressive Strength, Add</i>	1.17	
			<i>For 60 PSI Compressive Strength, Add</i>	1.81	
			<i>For 115 PSI Compressive Strength, Add</i>	7.97	
<b>07 22 16 00-0044</b>			<b>Polysocyanurate Board Roofing Insulation (07 22 16 00-0001)</b> .....	1.41	
07 22 16 00-0045	SF		3/4" Thick, R5.1, Polysocyanurate, Roof Board Insulation .....	1.41	
			<i>For Loose-Laid, Deduct</i>	-0.60	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.09	
07 22 16 00-0046	SF		1" Thick, R7.14, Polysocyanurate, Roof Board Insulation .....	1.46	
			<i>For Loose-Laid, Deduct</i>	-0.60	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.09	
07 22 16 00-0047	SF		1-1/2" Thick, R10.87, Polysocyanurate, Roof Board Insulation .....	1.55	
			<i>For Loose-Laid, Deduct</i>	-0.60	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.10	
07 22 16 00-0048	SF		2" Thick, R14.29, Polysocyanurate, Roof Board Insulation .....	1.77	
			<i>For Loose-Laid, Deduct</i>	-0.60	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.09	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.24	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.12	
07 22 16 00-0049	SF		2-1/2" Thick, R16.87, Polysocyanurate, Roof Board Insulation .....	2.00	
			<i>For Loose-Laid, Deduct</i>	-0.61	
			<i>For Hot-Mopped, Deduct</i>	-0.18	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.15	
07 22 16 00-0050	SF		3" Thick, R21.74, Polysocyanurate, Roof Board Insulation .....	2.23	
			<i>For Loose-Laid, Deduct</i>	-0.61	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
07 22 16 00-0051	SF		3-1/2" Thick, R25, Polysocyanurate, Roof Board Insulation .....	2.47	
			<i>For Loose-Laid, Deduct</i>	-0.61	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.19	
07 22 16 00-0052	SF		4" Thick, R28.8, Polysocyanurate, Roof Board Insulation .....	2.70	
			<i>For Loose-Laid, Deduct</i>	-0.62	
			<i>For Hot-Mopped, Deduct</i>	-0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.20	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.34	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.21	





<b>Thermal And Moisture Protection</b>			<b>07</b>
Thermal Protection			07 20
Roof And Deck Insulation			07 22

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 22 16 00-0053 High-Density Polyisocyanurate Cover Board And Roofing Insulation</b> (07 22 16 00-0001)		
07 22 16 00-0054 SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation.....	1.59	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
<b>07 22 16 00-0055 Gypsum-Fiber, Roof Board Insulation (USG Securock)</b> (07 22 16 00-0001)		
07 22 16 00-0056 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum) .....	1.51	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0057 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum) .....	1.60	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0058 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum) .....	1.66	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0059 SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum) .....	1.70	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
<b>07 22 16 00-0060 Glass-Mat, Roof Board Insulation (USG Securock)</b> (07 22 16 00-0001)		
07 22 16 00-0061 SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat) .....	1.48	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0062 SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat) .....	1.62	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
07 22 16 00-0063 SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat) .....	1.65	
For Hot-Mopped, Deduct	-0.17	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
For Mechanically Fastened To Concrete, Add	0.09	
For Mechanically Fastened To Gypsum, Add	0.24	
<b>07 22 16 00-0064 Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation</b> (07 22 16 00-0001)		
Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0065 SF 1.5" Thick, R6.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.57	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.17	
For Mechanically Fastened To Gypsum, Add	0.32	
07 22 16 00-0066 SF 2" Thick, R9.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.70	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
For Mechanically Fastened To Concrete, Add	0.17	
For Mechanically Fastened To Gypsum, Add	0.32	
07 22 16 00-0067 SF 2.5" Thick, R12.7, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.88	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.22	
For Mechanically Fastened To Gypsum, Add	0.36	
07 22 16 00-0068 SF 3" Thick, R15.9, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.99	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.22	
For Mechanically Fastened To Gypsum, Add	0.38	
07 22 16 00-0069 SF 3.5" Thick, R19.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.25	
For Mechanically Fastened To Wood Or Steel, Deduct	0.01	
For Mechanically Fastened To Concrete, Add	0.28	
For Mechanically Fastened To Gypsum, Add	0.39	
07 22 16 00-0070 SF 4" Thick, R22.3, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.36	
For Mechanically Fastened To Wood Or Steel, Deduct	0.01	
For Mechanically Fastened To Concrete, Add	0.29	
For Mechanically Fastened To Gypsum, Add	0.43	
07 22 16 00-0071 SF 4.5" Thick, R25.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.54	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.37	
For Mechanically Fastened To Gypsum, Add	0.50	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof And Deck Insulation**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0072			<b>Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation</b> (07 22 16 00-0001) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0073	SF		2.5" Thick, R6.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	2.59	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
			For Mechanically Fastened To Concrete, Add	0.21	
			For Mechanically Fastened To Gypsum, Add	0.35	
07 22 16 00-0074	SF		3" Thick, R9.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	2.83	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
			For Mechanically Fastened To Concrete, Add	0.21	
			For Mechanically Fastened To Gypsum, Add	0.37	
07 22 16 00-0075	SF		3.5" Thick, R12.1, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	3.11	
			For Mechanically Fastened To Wood Or Steel, Deduct	0.01	
			For Mechanically Fastened To Concrete, Add	0.28	
			For Mechanically Fastened To Gypsum, Add	0.39	
07 22 16 00-0076	SF		4" Thick, R15.3, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	3.28	
			For Mechanically Fastened To Wood Or Steel, Deduct	0.01	
			For Mechanically Fastened To Concrete, Add	0.28	
			For Mechanically Fastened To Gypsum, Add	0.42	
07 22 16 00-0077	SF		4.5" Thick, R18.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	3.52	
			For Mechanically Fastened To Wood Or Steel, Add	0.07	
			For Mechanically Fastened To Concrete, Add	0.34	
			For Mechanically Fastened To Gypsum, Add	0.47	
07 22 16 00-0078	SF		5" Thick, R21.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	3.77	
			For Mechanically Fastened To Wood Or Steel, Add	0.07	
			For Mechanically Fastened To Concrete, Add	0.35	
			For Mechanically Fastened To Gypsum, Add	0.48	
07 22 16 00-0079	SF		5.5" Thick, R25.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation .....	4.22	
			For Mechanically Fastened To Wood Or Steel, Add	0.28	
			For Mechanically Fastened To Concrete, Add	0.58	
			For Mechanically Fastened To Gypsum, Add	0.58	
07 22 16 00-0080			<b>Rigid Board Tapered Roofing Insulation</b> (07 22 16) Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0081			<b>Tapered Polyisocyanurate Board</b> (07 22 16 00-0080) Note: Includes polyurethane adhesive.		
07 22 16 00-0082			<b>1/8" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0081)		
07 22 16 00-0083	SF		2.25" Average Thickness (13.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	2.50	
			For 25 PSI Compressive Strength, Add	0.17	
			For Hot-Mopped, Deduct	-0.15	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
			For Mechanically Fastened To Concrete, Add	0.15	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.48	
07 22 16 00-0084	SF		2.75" Average Thickness (16.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	3.44	
			For 25 PSI Compressive Strength, Add	0.20	
			For Hot-Mopped, Deduct	-0.30	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
			For Mechanically Fastened To Concrete, Add	0.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.81	
07 22 16 00-0085	SF		3.25" Average Thickness (19.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	3.75	
			For 25 PSI Compressive Strength, Add	0.23	
			For Hot-Mopped, Deduct	-0.30	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
			For Mechanically Fastened To Concrete, Add	0.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.83	
07 22 16 00-0086	SF		3.75" Average Thickness (22.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	4.05	
			For 25 PSI Compressive Strength, Add	0.26	
			For Hot-Mopped, Deduct	-0.30	
			For Mechanically Fastened To Wood Or Steel, Add	0.01	
			For Mechanically Fastened To Concrete, Add	0.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.84	
07 22 16 00-0087	SF		4.25" Average Thickness (25.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	4.35	
			For 25 PSI Compressive Strength, Add	0.29	
			For Hot-Mopped, Deduct	-0.30	
			For Mechanically Fastened To Wood Or Steel, Add	0.01	
			For Mechanically Fastened To Concrete, Add	0.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.87	
07 22 16 00-0088	SF		4.75" Average Thickness (28.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	5.30	
			For 25 PSI Compressive Strength, Add	0.32	
			For Hot-Mopped, Deduct	-0.42	
			For Mechanically Fastened To Wood Or Steel, Add	0.07	
			For Mechanically Fastened To Concrete, Add	0.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	



<b>Thermal And Moisture Protection</b>			<b>07</b>
<b>Thermal Protection</b>			<b>07 20</b>
<b>Roof And Deck Insulation</b>			<b>07 22</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
07 22 16 00-0089 SF 5.25" Average Thickness (31.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	5.60	
For 25 PSI Compressive Strength, Add	0.35	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0090 SF 5.75" Average Thickness (34.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	5.90	
For 25 PSI Compressive Strength, Add	0.38	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0091 SF 6.25" Average Thickness (37.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	6.20	
For 25 PSI Compressive Strength, Add	0.41	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0092 SF 6.75" Average Thickness (40.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board .....	7.15	
For 25 PSI Compressive Strength, Add	0.44	
For Hot-Mopped, Deduct	-0.57	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	
<b>07 22 16 00-0093 1/4" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0081)</small>		
07 22 16 00-0094 SF 2" Average Thickness (12 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	2.35	
For 25 PSI Compressive Strength, Add	0.16	
For Hot-Mopped, Deduct	-0.15	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.15	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.48	
07 22 16 00-0095 SF 3" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	3.59	
For 25 PSI Compressive Strength, Add	0.22	
For Hot-Mopped, Deduct	-0.30	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.81	
07 22 16 00-0096 SF 4" Average Thickness (24 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	4.20	
For 25 PSI Compressive Strength, Add	0.28	
For Hot-Mopped, Deduct	-0.30	
For Mechanically Fastened To Wood Or Steel, Add	0.01	
For Mechanically Fastened To Concrete, Add	0.37	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.84	
07 22 16 00-0097 SF 5" Average Thickness (30 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	5.45	
For 25 PSI Compressive Strength, Add	0.34	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0098 SF 6" Average Thickness (36 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	6.05	
For 25 PSI Compressive Strength, Add	0.40	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0099 SF 7" Average Thickness (42 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board .....	7.30	
For 25 PSI Compressive Strength, Add	0.46	
For Hot-Mopped, Deduct	-0.57	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	
<b>07 22 16 00-0100 1/2" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0081)</small>		
07 22 16 00-0101 SF 3.5" Average Thickness (21 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board .....	3.90	
For 25 PSI Compressive Strength, Add	0.25	
For Hot-Mopped, Deduct	-0.30	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.83	
07 22 16 00-0102 SF 5.5" Average Thickness (33 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board .....	5.75	
For 25 PSI Compressive Strength, Add	0.37	
For Hot-Mopped, Deduct	-0.42	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0103 SF 7.5" Average Thickness (45 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board .....	7.60	
For 25 PSI Compressive Strength, Add	0.49	
For Hot-Mopped, Deduct	-0.57	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof And Deck Insulation**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0104	SF		9.5" Average Thickness (57 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board .....	9.46	
			<i>For 25 PSI Compressive Strength, Add</i>	0.61	
			<i>For Hot-Mopped, Deduct</i>	-0.71	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.67	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
07 22 16 00-0105			<b>Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0080)		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0106			<b>1/8" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0105)		
07 22 16 00-0107	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	2.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.48	
07 22 16 00-0108	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.11	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.81	
07 22 16 00-0109	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.34	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.83	
07 22 16 00-0110	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.56	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.84	
07 22 16 00-0111	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.79	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.87	
07 22 16 00-0112	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	4.74	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0113	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	4.97	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0114	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	5.20	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.80	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.32	
07 22 16 00-0115	SF		6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	5.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.80	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.32	
07 22 16 00-0116	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) .....	6.37	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.03	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.80	
07 22 16 00-0117			<b>1/4" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0105)		
07 22 16 00-0118	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	2.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.48	
07 22 16 00-0119	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.22	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.81	
07 22 16 00-0120	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.68	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.84	
07 22 16 00-0121	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	4.86	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0122	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	5.31	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.80	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.32	
07 22 16 00-0123	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) .....	6.48	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.03	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.80	
07 22 16 00-0124			<b>1/2" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0105)		
07 22 16 00-0125	SF		3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) .....	3.45	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.83	



<b>Thermal And Moisture Protection</b>			<b>07</b>
<b>Thermal Protection</b>			<b>07 20</b>
<b>Roof And Deck Insulation</b>			<b>07 22</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0126 SF 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) .....	5.08	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0127 SF 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) .....	6.71	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	
07 22 16 00-0128 SF 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) .....	8.57	
For Mechanically Fastened To Wood Or Steel, Add	0.67	
For Mechanically Fastened To Concrete, Add	1.51	
<b>07 22 16 00-0129 Tapered Extruded Polystyrene Board (XEPS)</b> (07 22 16 00-0080)		
Note: Includes polyurethane adhesive.		
<b>07 22 16 00-0130 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> (07 22 16 00-0129)		
07 22 16 00-0131 SF 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	2.43	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.15	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.48	
07 22 16 00-0132 SF 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	3.38	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.81	
07 22 16 00-0133 SF 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	3.66	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.83	
07 22 16 00-0134 SF 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	3.95	
For Mechanically Fastened To Wood Or Steel, Add	0.01	
For Mechanically Fastened To Concrete, Add	0.37	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.84	
07 22 16 00-0135 SF 4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	4.24	
For Mechanically Fastened To Wood Or Steel, Add	0.01	
For Mechanically Fastened To Concrete, Add	0.37	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.87	
07 22 16 00-0136 SF 4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	5.19	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0137 SF 5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	5.48	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0138 SF 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	5.76	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0139 SF 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	6.05	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0140 SF 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	6.99	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	
<b>07 22 16 00-0141 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> (07 22 16 00-0129)		
07 22 16 00-0142 SF 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	2.29	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.15	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.48	
07 22 16 00-0143 SF 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	3.52	
For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
For Mechanically Fastened To Concrete, Add	0.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.81	
07 22 16 00-0144 SF 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	4.09	
For Mechanically Fastened To Wood Or Steel, Add	0.01	
For Mechanically Fastened To Concrete, Add	0.37	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.84	
07 22 16 00-0145 SF 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	5.33	
For Mechanically Fastened To Wood Or Steel, Add	0.07	
For Mechanically Fastened To Concrete, Add	0.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.24	
07 22 16 00-0146 SF 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	5.91	
For Mechanically Fastened To Wood Or Steel, Add	0.28	
For Mechanically Fastened To Concrete, Add	0.80	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.32	
07 22 16 00-0147 SF 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) .....	7.14	
For Mechanically Fastened To Wood Or Steel, Add	0.35	
For Mechanically Fastened To Concrete, Add	1.03	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.80	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof And Deck Insulation**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0148			<b>1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0129)</small>		
07 22 16 00-0149	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	3.81	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.83	
07 22 16 00-0150	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	5.62	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0151	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	7.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.03	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.80	
07 22 16 00-0152	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	9.23	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.67	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.51	
07 22 16 00-0153			<b>Tapered Perlite Board</b> <small>(07 22 16 00-0080)</small>		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0154			<b>1/8" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0153)</small>		
07 22 16 00-0155	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	3.37	
			<i>For Hot-Mopped, Deduct</i>	-0.15	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.48	
07 22 16 00-0156	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	4.12	
			<i>For Hot-Mopped, Deduct</i>	-0.30	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.81	
07 22 16 00-0157	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	4.64	
			<i>For Hot-Mopped, Deduct</i>	-0.30	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.83	
07 22 16 00-0158	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	5.07	
			<i>For Hot-Mopped, Deduct</i>	-0.30	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.84	
07 22 16 00-0159	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	5.58	
			<i>For Hot-Mopped, Deduct</i>	-0.30	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.87	
07 22 16 00-0160	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	6.33	
			<i>For Hot-Mopped, Deduct</i>	-0.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0161	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	6.85	
			<i>For Hot-Mopped, Deduct</i>	-0.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.59	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.24	
07 22 16 00-0162	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	7.28	
			<i>For Hot-Mopped, Deduct</i>	-0.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.80	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.32	
07 22 16 00-0163	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	7.79	
			<i>For Hot-Mopped, Deduct</i>	-0.42	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.80	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.32	
07 22 16 00-0164	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board .....	8.54	
			<i>For Hot-Mopped, Deduct</i>	-0.57	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.03	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.80	
07 22 16 00-0165			<b>1/4" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0153)</small>		
07 22 16 00-0166	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board .....	3.12	
			<i>For Hot-Mopped, Deduct</i>	-0.15	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.48	
07 22 16 00-0167	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board .....	4.38	
			<i>For Hot-Mopped, Deduct</i>	-0.30	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.81	



<b>Thermal And Moisture Protection</b>			<b>07</b>
Thermal Protection			07 20
Roof And Deck Insulation			07 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0168	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	5.33 -0.30 0.01 0.37 0.84	
07 22 16 00-0169	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	6.59 -0.42 0.07 0.59 1.24	
07 22 16 00-0170	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	7.54 -0.42 0.28 0.80 1.32	
07 22 16 00-0171	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	8.80 -0.57 0.35 1.03 1.80	
<b>07 22 16 00-0172</b>			<b>1/2" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0153)</small>		
07 22 16 00-0173	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Deduct</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	4.89 -0.30 -0.05 0.31 0.83	
07 22 16 00-0174	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	7.10 -0.42 0.07 0.59 1.24	
07 22 16 00-0175	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	9.31 -0.57 0.35 1.03 1.80	
07 22 16 00-0176	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board ..... <i>For Hot-Mopped, Deduct</i> <i>For Mechanically Fastened To Wood Or Steel, Add</i> <i>For Mechanically Fastened To Concrete, Add</i>	11.52 -0.71 0.67 1.51	
<b>07 22 16 00-0177</b>			<b>Demolish Rigid Board Roofing Insulation</b> <small>(07 22 16)</small> Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 22 16 00-0178	SF		Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation .....	0.30	
07 22 16 00-0179	SF		Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation .....	0.30	
07 22 16 00-0180	SF		Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation .....	0.31	
07 22 16 00-0181	SF		Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation .....	0.32	
07 22 16 00-0182	SF		Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation .....	0.33	
07 22 16 00-0183	SF		Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation .....	0.33	
07 22 16 00-0184	SF		Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation .....	0.34	
07 22 16 00-0185	SF		Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation .....	0.35	
07 22 16 00-0186	SF		Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation .....	0.36	
07 22 16 00-0187	SF		Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation .....	0.37	
07 22 16 00-0188	SF		Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation .....	0.38	
07 22 16 00-0189	SF		Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation .....	0.38	
07 22 16 00-0190	SF		Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation .....	0.39	
<b>07 24</b>			<b>Exterior Insulation And Finish Systems</b> <small>(07 20)</small>		
<b>07 24 13</b>			<b>Polymer-Based Exterior Insulation And Finish System</b> <small>(07 24)</small>		
07 24 13 00-0001			Exterior Insulation Finishing System (EIFS) <small>(07 24 13)</small>		
07 24 13 00-0002			Insulation For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0003	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i> <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.00 0.37 0.19 -0.07 0.32 0.56	
07 24 13 00-0004	SF		1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i> <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.28 0.37 0.19 -0.07 0.34 0.57	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 24 Exterior Insulation And Finish Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0005	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	2.57	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.39	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.64	
07 24 13 00-0006	SF		2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	2.85	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.44	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.68	
07 24 13 00-0007	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	3.14	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.44	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.68	
07 24 13 00-0008	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	3.71	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.51	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.75	
<b>07 24 13 00-0009     Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>					
Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.					
07 24 13 00-0010	SF		4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat.....	2.50	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 500, Add</i>	0.38	
			<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0011	SF		6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat.....	2.80	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 500, Add</i>	0.38	
			<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0012	SF		15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat.....	3.59	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 500, Add</i>	0.38	
			<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0013	SF		20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat.....	3.83	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 500, Add</i>	0.38	
			<i>For &gt;5,000, Deduct</i>	-0.15	
<b>07 24 13 00-0014     Base Coats For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>					
07 24 13 00-0015	SF		Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	1.21	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
07 24 13 00-0016	SF		Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	1.43	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
07 24 13 00-0017	SF		Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	2.61	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
07 24 13 00-0018	SF		Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	3.54	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
<b>07 24 13 00-0019     Finish Coats For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>					
Note: Includes all standard manufacturers' colors.					
07 24 13 00-0020	SF		100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	2.03	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 500, Add</i>	0.38	
			<i>For &gt;5,000, Deduct</i>	-0.15	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0021 SF 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	2.07	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0022 SF Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	2.42	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0023 SF Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	2.73	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0024 SF Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	2.42	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0025 SF Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	2.73	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0026 SF Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....	2.12	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0027 SF Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	2.44	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
07 24 13 00-0028 SF 100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™).....	5.19	
<i>For Up To 100, Add</i>	0.75	
<i>For &gt;100 To 500, Add</i>	0.38	
<i>For &gt;5,000, Deduct</i>	-0.15	
<b>07 24 13 00-0029 Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)</b>		
07 24 13 00-0030 SF 100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....	0.61	
<i>For Up To 100, Add</i>	0.21	
<i>For &gt;100 To 500, Add</i>	0.11	
<i>For &gt;5,000, Deduct</i>	-0.04	
07 24 13 00-0031 SF 100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	0.63	
<i>For Up To 100, Add</i>	0.21	
<i>For &gt;100 To 500, Add</i>	0.11	
<i>For &gt;5,000, Deduct</i>	-0.04	
<b>07 24 13 00-0032 Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)</b>		
07 24 13 00-0033 SF Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	0.87	
<i>For Up To 100, Add</i>	0.21	
<i>For &gt;100 To 500, Add</i>	0.11	
<i>For &gt;5,000, Deduct</i>	-0.04	
07 24 13 00-0034 SF Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	1.09	
<i>For Up To 100, Add</i>	0.21	
<i>For &gt;100 To 500, Add</i>	0.11	
<i>For &gt;5,000, Deduct</i>	-0.04	
<b>07 24 13 00-0035 Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)</b>		
07 24 13 00-0036 SF 1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat).....	1.36	
<i>For Up To 100, Add</i>	0.23	
<i>For &gt;100 To 500, Add</i>	0.12	
<i>For &gt;5,000, Deduct</i>	-0.05	
<b>07 24 13 00-0037 Starter Tracks For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)</b>		
07 24 13 00-0038 LF 1" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.02	
07 24 13 00-0039 LF 1-1/2" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.18	
07 24 13 00-0040 LF 2" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.38	
07 24 13 00-0041 LF 3" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.78	
07 24 13 00-0042 LF 1" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	2.18	
07 24 13 00-0043 LF 1-1/2" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	2.38	
07 24 13 00-0044 LF 2" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	2.57	
07 24 13 00-0045 LF 3" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	3.01	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 24 Exterior Insulation And Finish Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>07 24 13 00-0046</b>	<b>Demolish Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>		
07 24 13 00-0047	SF Demolish Exterior Insulation Finishing Systems (EIFS).....	1.40	
	Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
	For Up To 100, Add	0.70	
	For >100 To 500, Add	0.35	
	For >5,000, Deduct	-0.14	

**07 25 Weather Barriers** (07)**07 26 Vapor Retarders** (07 25)**07 26 13 Above-Grade Vapor Retarders** (07 26)

07 26 13 00-0001	CSF Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....	13.81	
07 26 13 00-0002	CSF Asphalt Saturated Kraft Building Paper, Grade D, "Jumbo Tex".....	12.68	
07 26 13 00-0003	CSF 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Super Jumbo Tex 60 Minute".....	16.29	
07 26 13 00-0004	CSF Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Two Ply Super Jumbo Tex 60 Minute".....	21.60	
07 26 13 00-0005	CSF Regular Weight Red Rosin Sized Sheathing.....	22.55	
07 26 13 00-0006	CLF 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	38.46	
07 26 13 00-0007	CLF 4" Wide Self Adhering Butyl Sealing Tape.....	60.85	
07 26 13 00-0008	CLF 6" Wide Self Adhesive Butyl Sealing Tape.....	89.22	
07 26 13 00-0009	CLF 9" Wide Self Adhesive Butyl Sealing Tape.....	125.63	
07 26 13 00-0010	CSF Building Wrap (Tyvek).....	39.69	

**07 27 Air Barriers** (07 25)**07 27 23 Board Product Air Barriers** (07 27)**07 27 23 00-0001 Barriers For Plenums** (07 27 23)

07 27 23 00-0002	SF 0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....	6.29	1.44
	For Up To 50, Add	2.07	
	For >50 To 200, Add	1.19	
	For >200 To 500, Add	0.46	
	For >2,500, Deduct	-0.31	
07 27 23 00-0003	SF 0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....	6.78	1.44
	For Up To 50, Add	2.25	
	For >50 To 200, Add	1.29	
	For >200 To 500, Add	0.49	
	For >2,500, Deduct	-0.34	
07 27 23 00-0004	SF Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	2.16	0.96
	For Up To 50, Add	1.02	
	For >50 To 200, Add	0.56	
	For >200 To 500, Add	0.20	
	For >2,500, Deduct	-0.11	
07 27 23 00-0005	SF Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....	3.97	1.44
	For Up To 50, Add	1.83	
	For >50 To 200, Add	1.01	
	For >200 To 500, Add	0.35	
	For >2,500, Deduct	-0.20	
07 27 23 00-0006	SF Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	2.99	0.96
	For Up To 50, Add	1.14	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.24	
	For >2,500, Deduct	-0.15	
07 27 23 00-0007	SF 1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	5.05	0.96
	For Up To 50, Add	1.40	
	For >50 To 200, Add	0.83	
	For >200 To 500, Add	0.33	
	For >2,500, Deduct	-0.25	

**07 30 Steep Slope Roofing** (07)

Note: Includes starter strips and 15 year warranty unless otherwise noted and all warranties are No Dollar Limit (NDL) to include labor, material and equipment.

**07 31 Shingles And Shakes** (07 30)**07 31 13 Asphalt Shingles** (07 31)**07 31 13 00-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** (07 31 13)

Note: Excludes underlayment, drip edges, and ridge vent.

07 31 13 00-0002	SQ 200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20).....	178.66	97.71
	For >50 To 75, Deduct	-3.59	
	For >75 To 100, Deduct	-8.51	
	For >100 To 200, Deduct	-14.32	
	For >200, Deduct	-21.46	
	For Steep Roof, Over 7 To 12, Add	28.44	



<b>Thermal And Moisture Protection</b>			<b>07</b>
Steep Slope Roofing			07 30
Shingles And Shakes			07 31

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0003 SQ 220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25) .....	187.32	102.61
For >50 To 75, Deduct	-3.76	
For >75 To 100, Deduct	-8.91	
For >100 To 200, Deduct	-15.01	
For >200, Deduct	-22.49	
For Steep Roof, Over 7 To 12, Add	29.85	
07 31 13 00-0004 SQ 230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30) .....	221.86	107.73
For >50 To 75, Deduct	-4.96	
For >75 To 100, Deduct	-11.12	
For >100 To 200, Deduct	-18.53	
For >200, Deduct	-27.14	
For Steep Roof, Over 7 To 12, Add	31.35	
<b>07 31 13 00-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle</b> <small>(07 31 13)</small>		
Note: Excludes underlayment, drip edges, and ridge vent.		
07 31 13 00-0006 SQ 245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark) .....	221.52	124.74
For >50 To 75, Deduct	-4.33	
For >75 To 100, Deduct	-10.40	
For >100 To 200, Deduct	-17.56	
For >200, Deduct	-26.48	
For Steep Roof, Over 7 To 12, Add	36.28	
07 31 13 00-0007 SQ 240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate) .....	240.62	118.76
For >50 To 75, Deduct	-5.31	
For >75 To 100, Deduct	-11.98	
For >100 To 200, Deduct	-19.99	
For >200, Deduct	-29.37	
For Steep Roof, Over 7 To 12, Add	34.56	
07 31 13 00-0008 SQ 265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus) .....	259.61	130.98
For >50 To 75, Deduct	-5.62	
For >75 To 100, Deduct	-12.81	
For >100 To 200, Deduct	-21.41	
For >200, Deduct	-31.58	
For Steep Roof, Over 7 To 12, Add	38.11	
07 31 13 00-0009 SQ 235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras) .....	256.89	113.12
For >50 To 75, Deduct	-6.16	
For >75 To 100, Deduct	-13.35	
For >100 To 200, Deduct	-22.09	
For >200, Deduct	-31.85	
For Steep Roof, Over 7 To 12, Add	32.91	
07 31 13 00-0010 SQ 300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium) .....	283.77	137.53
For >50 To 75, Deduct	-6.35	
For >75 To 100, Deduct	-14.24	
For >100 To 200, Deduct	-23.71	
For >200, Deduct	-34.73	
For Steep Roof, Over 7 To 12, Add	40.00	
07 31 13 00-0011 SQ 300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence) .....	307.05	137.53
For >50 To 75, Deduct	-7.28	
For >75 To 100, Deduct	-15.87	
For >100 To 200, Deduct	-26.28	
For >200, Deduct	-37.99	
For Steep Roof, Over 7 To 12, Add	40.00	
07 31 13 00-0012 SQ 355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake) .....	334.63	151.60
For >50 To 75, Deduct	-7.87	
For >75 To 100, Deduct	-17.22	
For >100 To 200, Deduct	-28.54	
For >200, Deduct	-41.33	
For Steep Roof, Over 7 To 12, Add	44.11	
07 31 13 00-0013 SQ 340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL) .....	334.65	144.41
For >50 To 75, Deduct	-8.14	
For >75 To 100, Deduct	-17.52	
For >100 To 200, Deduct	-28.94	
For >200, Deduct	-41.60	
For Steep Roof, Over 7 To 12, Add	42.00	
07 31 13 00-0014 SQ 300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris) .....	335.66	137.53
For >50 To 75, Deduct	-8.43	
For >75 To 100, Deduct	-17.87	
For >100 To 200, Deduct	-29.42	
For >200, Deduct	-41.99	
For Steep Roof, Over 7 To 12, Add	40.00	
07 31 13 00-0015 SQ 355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate) .....	397.28	151.60
For >50 To 75, Deduct	-10.38	
For >75 To 100, Deduct	-21.61	
For >100 To 200, Deduct	-35.43	
For >200, Deduct	-50.11	
For Steep Roof, Over 7 To 12, Add	44.11	

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles And Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0016	SQ		355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	413.60	151.60
			<i>For &gt;50 To 75, Deduct</i>	-11.03	
			<i>For &gt;75 To 100, Deduct</i>	-22.75	
			<i>For &gt;100 To 200, Deduct</i>	-37.23	
			<i>For &gt;200, Deduct</i>	-52.39	
			<i>For Steep Roof, Over 7 To 12, Add</i>	44.11	
07 31 13 00-0017	SQ		480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	460.10	167.17
			<i>For &gt;50 To 75, Deduct</i>	-12.32	
			<i>For &gt;75 To 100, Deduct</i>	-25.37	
			<i>For &gt;100 To 200, Deduct</i>	-41.49	
			<i>For &gt;200, Deduct</i>	-58.33	
			<i>For Steep Roof, Over 7 To 12, Add</i>	48.63	
07 31 13 00-0018	SQ		425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	455.67	159.17
			<i>For &gt;50 To 75, Deduct</i>	-12.44	
			<i>For &gt;75 To 100, Deduct</i>	-25.38	
			<i>For &gt;100 To 200, Deduct</i>	-41.44	
			<i>For &gt;200, Deduct</i>	-58.00	
			<i>For Steep Roof, Over 7 To 12, Add</i>	46.31	
<b>07 31 13 00-0019</b>			<b>Accessories (07 31 13)</b>		
07 31 13 00-0020	LF		Hip And Ridge Roll Vent ..... Note: Excludes shingles.	4.36	0.59
07 31 13 00-0021	LF		Three Tab Hip And Ridge Shingles.....	2.40	1.46
07 31 13 00-0022	LF		Architectural Hip And Ridge Shingles .....	2.97	1.62
07 31 13 00-0023	SQ		Demolish Additional Layers Of Shingles .....	53.31	
<b>07 31 16</b>			<b>Metal Shingles (07 31)</b>		
<b>07 31 16 00-0001</b>			<b>Aluminum Shingles (07 31 16)</b>		
07 31 16 00-0002	SQ		Aluminum Shingles, Mill Finish, 0.020" Thick..... <i>For Colors, Anodized Finish, Add</i> <i>For Bonderized Finish, Add</i> <i>For 1" Factory Applied Polystyrene, Add</i>	386.54 30.00 47.00 37.00	92.85
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick..... <i>For Colors, Anodized Finish, Add</i> <i>For Bonderized Finish, Add</i> <i>For 1" Factory Applied Polystyrene, Add</i>	526.06 30.00 47.00 37.00	101.48
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick.....	7.06	1.34
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick.....	7.38	1.34
07 31 16 00-0006	LF		Aluminum Shingles, Valley Section For Above, 0.020" Thick .....	4.61	1.34
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section For Above, 0.030" Thick .....	5.26	1.34
<b>07 31 16 00-0008</b>			<b>Galvanized Steel Shingles (07 31 16)</b>		
07 31 16 00-0009	SQ		24 Gauge Steel Shingles, Galvanized ..... <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	286.26 24.75 -4.77 -12.52 -21.46 -29.21 53.48	83.54
07 31 16 00-0010	SQ		26 Gauge Steel Shingles, Galvanized ..... <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	275.02 24.75 -4.37 -11.80 -20.31 -27.73 53.02	82.87
07 31 16 00-0011	SQ		24 Gauge Steel Shingles, Galvanized And Bonderized..... <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	458.55 24.75 -11.71 -24.64 -40.50 -53.43 53.02	82.87
07 31 16 00-0012	SQ		26 Gauge Steel Shingles, Galvanized And Bonderized..... <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	422.44 24.75 -10.27 -22.11 -36.53 -48.37 53.02	82.87
07 31 16 00-0013	LF		Ridge Or Valley..... <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.69 24.75 -0.10 -0.23 -0.39 -0.51 0.70	1.12



<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Steep Slope Roofing</b>		<b>07 30</b>
<b>Shingles And Shakes</b>		<b>07 31</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**07 31 19 Mineral-Fiber Cement Shingles (07 31)**

**07 31 19 00-0001 Mineral Fiber Shingles (07 31 19)**

07 31 19 00-0002	SQ Mineral Fiber Strip Shingles, 14" X 30", 325 LB/SQ .....	355.17	55.69
	<i>For Steep Roof, Over 7 To 12, Add</i>	35.64	
07 31 19 00-0003	SQ Mineral Fiber, Shakes, 9.35" x 16", 500 LB/SQ .....	513.41	101.37
	<i>For Steep Roof, Over 7 To 12, Add</i>	64.87	
07 31 19 00-0004	SQ Mineral Fiber, Hexagonal Shape, 16" X 16", per SQ .....	358.46	74.35
	<i>For Steep Roof, Over 7 To 12, Add</i>	47.58	
07 31 19 00-0005	SQ Mineral Fiber, Square, 16" X 16", per SQ .....	335.78	74.35
	<i>For Steep Roof, Over 7 To 12, Add</i>	47.58	
07 31 19 00-0006	CLF Mineral Fiber, Strip Shingles, Starters, 8" x 30", 255 LB Per 100 LF .....	268.88	74.35
07 31 19 00-0007	CLF Mineral Fiber, Hip And Ridge Shingles, 4-3/4" x 14", 380 LB Per 100 LF .....	876.43	222.78
07 31 19 00-0008	CLF Mineral Fiber, Hip And Ridge Shingles, 5-3/8" X 14", per 100 LF .....	916.12	222.78

**07 31 26 Slate Shingles (07 31)**

Note: Includes 30 LB felt and fasteners.

**07 31 26 00-0001 Shingles Including 30 LB Felt And Nails (07 31 26)**

07 31 26 00-0002	SQ Slate Shingles, Buckingham, Virginia Black, 3/16" Thick .....	788.86	142.54
	<i>For &gt;50 To 75, Deduct</i>	-18.89	
	<i>For &gt;75 To 100, Deduct</i>	-40.97	
	<i>For &gt;100 To 200, Deduct</i>	-67.77	
	<i>For &gt;200, Deduct</i>	-89.85	
	<i>For Graduated Shapes, Add</i>	70.82	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0003	SQ Slate Shingles, Buckingham, Virginia Black, 1/4" Thick .....	920.33	142.54
	<i>For &gt;50 To 75, Deduct</i>	-24.14	
	<i>For &gt;75 To 100, Deduct</i>	-50.17	
	<i>For &gt;100 To 200, Deduct</i>	-82.23	
	<i>For &gt;200, Deduct</i>	-108.26	
	<i>For Graduated Shapes, Add</i>	90.54	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0004	SQ Slate Shingles, Penn Black Bangor .....	880.89	142.54
	<i>For &gt;50 To 75, Deduct</i>	-22.57	
	<i>For &gt;75 To 100, Deduct</i>	-47.41	
	<i>For &gt;100 To 200, Deduct</i>	-77.89	
	<i>For &gt;200, Deduct</i>	-102.74	
	<i>For Graduated Shapes, Add</i>	84.63	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0005	SQ Slate Shingles, Vermont, Unfading Colors, Green .....	894.04	142.54
	<i>For &gt;50 To 75, Deduct</i>	-23.09	
	<i>For &gt;75 To 100, Deduct</i>	-48.33	
	<i>For &gt;100 To 200, Deduct</i>	-79.34	
	<i>For &gt;200, Deduct</i>	-104.58	
	<i>For Graduated Shapes, Add</i>	86.60	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0006	SQ Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray .....	946.63	142.54
	<i>For &gt;50 To 75, Deduct</i>	-25.20	
	<i>For &gt;75 To 100, Deduct</i>	-52.01	
	<i>For &gt;100 To 200, Deduct</i>	-85.13	
	<i>For &gt;200, Deduct</i>	-111.94	
	<i>For Graduated Shapes, Add</i>	94.49	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0007	SQ Slate Shingles, Vermont, Unfading Color, Purple .....	880.89	142.54
	<i>For &gt;50 To 75, Deduct</i>	-22.57	
	<i>For &gt;75 To 100, Deduct</i>	-47.41	
	<i>For &gt;100 To 200, Deduct</i>	-77.89	
	<i>For &gt;200, Deduct</i>	-102.74	
	<i>For Graduated Shapes, Add</i>	84.63	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0008	SQ Slate Shingles, Vermont, Unfading Color, Black Or Gray .....	841.45	142.54
	<i>For &gt;50 To 75, Deduct</i>	-20.99	
	<i>For &gt;75 To 100, Deduct</i>	-44.65	
	<i>For &gt;100 To 200, Deduct</i>	-73.56	
	<i>For &gt;200, Deduct</i>	-97.22	
	<i>For Graduated Shapes, Add</i>	78.71	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0009	SQ Slate Shingles, Vermont, Unfading Color, Red .....	1,662.96	142.54
	<i>For &gt;50 To 75, Deduct</i>	-53.85	
	<i>For &gt;75 To 100, Deduct</i>	-102.15	
	<i>For &gt;100 To 200, Deduct</i>	-163.92	
	<i>For &gt;200, Deduct</i>	-212.23	
	<i>For Graduated Shapes, Add</i>	201.94	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	
07 31 26 00-0010	SQ Slate Shingles, Vermont, Unfading Color, Variegated Purple .....	880.89	142.54
	<i>For &gt;50 To 75, Deduct</i>	-22.57	
	<i>For &gt;75 To 100, Deduct</i>	-47.41	
	<i>For &gt;100 To 200, Deduct</i>	-77.89	
	<i>For &gt;200, Deduct</i>	-102.74	
	<i>For Graduated Shapes, Add</i>	84.63	
	<i>For Steep Roof, Over 7 To 12, Add</i>	101.35	

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles And Shakes**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**07 31 29 Wood Shingles And Shakes (07 31)****07 31 29 13 Wood Shingles (07 31 29)****07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)**

07 31 29 13-0003	SQ 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	430.05	95.59
	<i>For Steep Roof, Over 7 To 12, Add</i>	61.18	
	<i>For CCA Treated, Add</i>	35.83	
07 31 29 13-0004	SQ 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	310.60	71.69
	<i>For Steep Roof, Over 7 To 12, Add</i>	45.88	
	<i>For CCA Treated, Add</i>	25.08	
07 31 29 13-0005	SQ 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	383.45	81.25
	<i>For Steep Roof, Over 7 To 12, Add</i>	52.00	
	<i>For CCA Treated, Add</i>	33.14	
07 31 29 13-0006	SQ 5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	313.90	66.91
	<i>For Steep Roof, Over 7 To 12, Add</i>	42.83	
	<i>For CCA Treated, Add</i>	27.01	
07 31 29 13-0007	SQ 5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	427.66	63.33
	<i>For Steep Roof, Over 7 To 12, Add</i>	40.53	
	<i>For CCA Treated, Add</i>	45.15	
07 31 29 13-0008	SQ 7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	328.77	53.77
	<i>For Steep Roof, Over 7 To 12, Add</i>	34.41	
	<i>For CCA Treated, Add</i>	33.18	

**07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)**

07 31 29 13-0010	SQ 7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall .....	291.50	86.03
	<i>For CCA Treated, Add</i>	17.92	
07 31 29 13-0011	SQ 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall .....	286.69	81.25
	<i>For CCA Treated, Add</i>	18.63	
07 31 29 13-0012	SQ 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall .....	299.02	70.50
	<i>For CCA Treated, Add</i>	23.70	

**07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)**

07 31 29 13-0015	SQ 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	393.67	100.37
	<i>For Steep Roof, Over 7 To 12, Add</i>	64.24	
	<i>For CCA Treated, Add</i>	28.94	
07 31 29 13-0016	SQ 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	350.44	90.81
	<i>For Steep Roof, Over 7 To 12, Add</i>	58.12	
	<i>For CCA Treated, Add</i>	25.32	
07 31 29 13-0017	SQ 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	376.77	90.81
	<i>For Steep Roof, Over 7 To 12, Add</i>	58.12	
	<i>For CCA Treated, Add</i>	29.27	
07 31 29 13-0018	SQ 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	336.10	81.25
	<i>For Steep Roof, Over 7 To 12, Add</i>	52.00	
	<i>For CCA Treated, Add</i>	26.04	
07 31 29 13-0019	SQ 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	336.66	63.33
	<i>For Steep Roof, Over 7 To 12, Add</i>	40.53	
	<i>For CCA Treated, Add</i>	31.50	
07 31 29 13-0020	SQ 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	273.50	54.97
	<i>For Steep Roof, Over 7 To 12, Add</i>	35.18	
	<i>For CCA Treated, Add</i>	24.54	

**07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)**

07 31 29 13-0022	SQ 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall .....	278.09	90.81
	<i>For CCA Treated, Add</i>	14.47	
07 31 29 13-0023	SQ 7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall .....	269.64	86.03
	<i>For CCA Treated, Add</i>	14.64	
07 31 29 13-0024	SQ 9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall .....	263.20	76.47
	<i>For CCA Treated, Add</i>	16.54	

**07 31 29 16 Wood Shakes (07 31 29)****07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)****07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)**

07 31 29 16-0003	SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	309.69	77.67
	<i>For Steep Roof, Over 7 To 12, Add</i>	49.71	
	<i>For CCA Treated, Add</i>	23.15	
07 31 29 16-0004	SQ 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	361.14	77.67
	<i>For Steep Roof, Over 7 To 12, Add</i>	49.71	
	<i>For CCA Treated, Add</i>	30.87	
07 31 29 16-0005	SQ 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	338.89	63.33
	<i>For Steep Roof, Over 7 To 12, Add</i>	40.53	
	<i>For CCA Treated, Add</i>	31.83	



<b>Thermal And Moisture Protection</b>			<b>07</b>
<b>Steep Slope Roofing</b>			<b>07 30</b>
<b>Shingles And Shakes</b>			<b>07 31</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0006 SQ 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	360.75 40.53 35.11	63.33
<b>07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls</b> <small>(07 31 29 16-0001)</small>		
07 31 29 16-0008 SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For CCA Treated, Add</i>	321.63 23.15	83.65
07 31 29 16-0009 SQ 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For CCA Treated, Add</i>	373.08 30.87	83.65
07 31 29 16-0010 SQ 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For CCA Treated, Add</i>	355.62 31.83	71.69
07 31 29 16-0011 SQ 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For CCA Treated, Add</i>	377.48 35.11	71.69
<b>07 31 29 17 Wood Hip And Ridge Cap</b> <small>(07 31 29)</small>		
<b>07 31 29 17-0001 Accessories</b> <small>(07 31 29 17)</small>		
07 31 29 17-0002 LF Hip Or Ridge Cap For Wood Shingles Or Shakes ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated Ridge, Add</i>	5.52 0.46 0.61	0.62
<b>07 31 33 Composite Rubber Shingles</b> <small>(07 31)</small>		
<b>07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles</b> <small>(07 31 33)</small>		
<i>Note: As manufactured by EcoStar.</i>		
07 31 33 00-0002 SQ Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure ..... <i>Note: Gray or black.</i> <i>For Purple Or Green Color, Add</i> <i>For Brown Or Red Color, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	670.36 67.45 172.84 79.62 -10.54 -27.30 -44.06 -67.04 46.70 93.40	124.42
07 31 33 00-0003 SQ Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure ..... <i>Note: Fire resistant. Gray or black.</i> <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	951.39 105.39 79.62 -17.56 -41.35 -65.13 -95.14 66.77 133.54	124.42
07 31 33 00-0004 SQ Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure ..... <i>Note: Beaver tail, chisel point or beveled edges. Gray or black.</i> <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	786.07 193.41 79.62 -13.43 -33.08 -52.74 -78.61 54.96 109.93	124.42
07 31 33 00-0005 SQ Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure ..... <i>Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.</i> <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	1,009.25 83.65 79.62 -19.01 -44.24 -69.47 -100.93 70.91 141.81	124.42
07 31 33 00-0006 LF Hip Or Ridge Polymeric Rubber Slate Shingle..... <i>Note: Beveled or pointed edges, gray or black.</i>	9.47	0.83
<b>07 32 Roof Tiles</b> <small>(07 30)</small>		
<b>07 32 13 Clay Roof Tiles</b> <small>(07 32)</small>		
<i>Note: 8-1/4" x 11" exposure. Includes mortar, fasteners, felt underlayment and 90# cap sheet.</i>		
07 32 13 00-0001 <b>Clay Roofing Tile 8-1/4" x 11" Exposure</b> <small>(07 32 13)</small>		
<i>Note: Includes mortar, fasteners, felt underlayment and 90# cap sheet.</i>		

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 32 Roof Tiles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0002	SQ		Lanai Or Classic Tile, 158 Piece Per SQ .....	1,452.77	135.18
			<i>For &gt;25 To 50, Deduct</i>	-70.94	
			<i>For &gt;50 To 75, Deduct</i>	-125.00	
			<i>For &gt;75 To 100, Deduct</i>	-167.23	
			<i>For &gt;100 To 200, Deduct</i>	-197.64	
			<i>For &gt;200, Deduct</i>	-216.22	
			<i>For 20 Year Warranty, Add</i>	82.77	
07 32 13 00-0003	SQ		Americana (Most Colors) Tile Roofing, 158 Piece Per SQ .....	1,842.89	135.18
			<i>For &gt;25 To 50, Deduct</i>	-94.35	
			<i>For &gt;50 To 75, Deduct</i>	-164.01	
			<i>For &gt;75 To 100, Deduct</i>	-217.94	
			<i>For &gt;100 To 200, Deduct</i>	-256.15	
			<i>For &gt;200, Deduct</i>	-278.64	
			<i>For 20 Year Warranty, Add</i>	110.08	
07 32 13 00-0004	SQ		Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ .....	1,842.89	135.18
			<i>For &gt;25 To 50, Deduct</i>	-94.35	
			<i>For &gt;50 To 75, Deduct</i>	-164.01	
			<i>For &gt;75 To 100, Deduct</i>	-217.94	
			<i>For &gt;100 To 200, Deduct</i>	-256.15	
			<i>For &gt;200, Deduct</i>	-278.64	
			<i>For 20 Year Warranty, Add</i>	110.08	
07 32 13 00-0005	SQ		Americana (Blue) Tile, 158 Piece Per SQ .....	2,173.91	135.18
			<i>For &gt;25 To 50, Deduct</i>	-114.21	
			<i>For &gt;50 To 75, Deduct</i>	-197.11	
			<i>For &gt;75 To 100, Deduct</i>	-260.98	
			<i>For &gt;100 To 200, Deduct</i>	-305.81	
			<i>For &gt;200, Deduct</i>	-331.60	
			<i>For 20 Year Warranty, Add</i>	133.25	
07 32 13 00-0006	SQ		French Tile Roofing, Red, 133 Piece Per SQ .....	1,722.67	165.28
			<i>For &gt;25 To 50, Deduct</i>	-83.53	
			<i>For &gt;50 To 75, Deduct</i>	-147.48	
			<i>For &gt;75 To 100, Deduct</i>	-197.50	
			<i>For &gt;100 To 200, Deduct</i>	-233.61	
			<i>For &gt;200, Deduct</i>	-255.79	
			<i>For 20 Year Warranty, Add</i>	97.45	
07 32 13 00-0007	SQ		French Tile Roofing, Blue Or Green, 133 Piece Per SQ .....	2,304.99	165.28
			<i>For &gt;25 To 50, Deduct</i>	-118.47	
			<i>For &gt;50 To 75, Deduct</i>	-205.71	
			<i>For &gt;75 To 100, Deduct</i>	-273.21	
			<i>For &gt;100 To 200, Deduct</i>	-320.96	
			<i>For &gt;200, Deduct</i>	-348.97	
			<i>For 20 Year Warranty, Add</i>	138.21	
07 32 13 00-0008	SQ		Norman Tile Roofing, 317 Piece Per SQ .....	2,904.95	222.97
			<i>For &gt;25 To 50, Deduct</i>	-147.55	
			<i>For &gt;50 To 75, Deduct</i>	-257.06	
			<i>For &gt;75 To 100, Deduct</i>	-341.98	
			<i>For &gt;100 To 200, Deduct</i>	-402.31	
			<i>For &gt;200, Deduct</i>	-438.04	
			<i>For 20 Year Warranty, Add</i>	172.14	
07 32 13 00-0009	SQ		Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ .....	1,431.33	165.28
			<i>For &gt;25 To 50, Deduct</i>	-66.05	
			<i>For &gt;50 To 75, Deduct</i>	-118.34	
			<i>For &gt;75 To 100, Deduct</i>	-159.63	
			<i>For &gt;100 To 200, Deduct</i>	-189.91	
			<i>For &gt;200, Deduct</i>	-209.18	
			<i>For 20 Year Warranty, Add</i>	77.06	
07 32 13 00-0010	SQ		Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ .....	1,903.04	165.28
			<i>For &gt;25 To 50, Deduct</i>	-94.35	
			<i>For &gt;50 To 75, Deduct</i>	-165.51	
			<i>For &gt;75 To 100, Deduct</i>	-220.95	
			<i>For &gt;100 To 200, Deduct</i>	-260.67	
			<i>For &gt;200, Deduct</i>	-284.65	
			<i>For 20 Year Warranty, Add</i>	110.08	
07 32 13 00-0011	SQ		Spanish Tile Roofing, Red, 171 Piece Per SQ .....	1,288.04	123.75
			<i>For &gt;25 To 50, Deduct</i>	-62.43	
			<i>For &gt;50 To 75, Deduct</i>	-110.24	
			<i>For &gt;75 To 100, Deduct</i>	-147.64	
			<i>For &gt;100 To 200, Deduct</i>	-174.64	
			<i>For &gt;200, Deduct</i>	-191.23	
			<i>For 20 Year Warranty, Add</i>	72.84	
07 32 13 00-0012	SQ		Spanish Tile Roofing, Blend, 171 Piece Per SQ .....	1,796.39	123.75
			<i>For &gt;25 To 50, Deduct</i>	-92.93	
			<i>For &gt;50 To 75, Deduct</i>	-161.07	
			<i>For &gt;75 To 100, Deduct</i>	-213.73	
			<i>For &gt;100 To 200, Deduct</i>	-250.89	
			<i>For &gt;200, Deduct</i>	-272.57	
			<i>For 20 Year Warranty, Add</i>	108.42	
07 32 13 00-0013	SQ		Spanish Tile Roofing, Glazed White, 171 Piece Per SQ .....	2,233.80	123.75
			<i>For &gt;25 To 50, Deduct</i>	-119.18	
			<i>For &gt;50 To 75, Deduct</i>	-204.82	
			<i>For &gt;75 To 100, Deduct</i>	-270.59	
			<i>For &gt;100 To 200, Deduct</i>	-316.51	
			<i>For &gt;200, Deduct</i>	-342.56	
			<i>For 20 Year Warranty, Add</i>	139.04	





<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Steep Slope Roofing</b>		<b>07 30</b>
<b>Roof Tiles</b>		<b>07 32</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0014 SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 20 Year Warranty, Add</i>	2,551.56 -129.82 -226.06 -300.67 -353.64 -384.97 151.45	193.98
07 32 13 00-0015 SQ One Piece Mission Tile Roofing, 75 Piece Per SQ ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 20 Year Warranty, Add</i>	944.42 -40.44 -74.16 -101.14 -121.38 -134.88 47.18	135.18
07 32 13 00-0016 SQ One Piece Mission Tile Roofing, 134 Piece Per SQ ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,221.59 -50.02 -93.06 -127.77 -154.14 -172.18 58.35	193.98

**07 34 Roofing Underlayment** (07 30)

**07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment** (07 34)

Note: Standard slope.

07 34 00 00-0002 SQ 15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	16.95 2.57 -0.36 -0.83 -1.38 -2.05	4.01
07 34 00 00-0003 SQ 30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	25.95 3.53 -0.60 -1.32 -2.19 -3.19	5.51
07 34 00 00-0004 SQ 30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	28.76 3.53 -0.71 -1.52 -2.50 -3.59	5.51
07 34 00 00-0005 SQ Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt) ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	32.65 5.35 -0.64 -1.53 -2.59 -3.90	8.36
07 34 00 00-0006 SQ 17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	35.98 5.35 -0.77 -1.77 -2.96 -4.37	8.36
07 34 00 00-0007 SQ 25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	41.47 5.35 -0.99 -2.15 -3.56 -5.14	8.36
07 34 00 00-0008 SQ 30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	38.73 5.35 -0.88 -1.96 -3.26 -4.75	8.36

**07 34 00 00-0009 Self-Adhering, Roofing Underlayment** (07 34)

Note: Standard slope.

07 34 00 00-0010 SQ 48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat) ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i>	65.80 6.48 -1.82 -3.69 -6.02 -8.40	10.14
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**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 34 Roofing Underlayment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0011	SQ		60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	97.61	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-3.09	
			<i>For &gt;75 To 100, Deduct</i>	-5.92	
			<i>For &gt;100 To 200, Deduct</i>	-9.52	
			<i>For &gt;200, Deduct</i>	-12.86	
07 34 00 00-0012	SQ		53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G).....	69.73	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-1.98	
			<i>For &gt;75 To 100, Deduct</i>	-3.97	
			<i>For &gt;100 To 200, Deduct</i>	-6.45	
			<i>For &gt;200, Deduct</i>	-8.95	
07 34 00 00-0013	SQ		65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	65.80	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-1.82	
			<i>For &gt;75 To 100, Deduct</i>	-3.69	
			<i>For &gt;100 To 200, Deduct</i>	-6.02	
			<i>For &gt;200, Deduct</i>	-8.40	
07 34 00 00-0014	SQ		45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30).....	93.02	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-2.91	
			<i>For &gt;75 To 100, Deduct</i>	-5.60	
			<i>For &gt;100 To 200, Deduct</i>	-9.02	
			<i>For &gt;200, Deduct</i>	-12.21	
07 34 00 00-0015	SQ		25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	78.65	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-2.34	
			<i>For &gt;75 To 100, Deduct</i>	-4.59	
			<i>For &gt;100 To 200, Deduct</i>	-7.44	
			<i>For &gt;200, Deduct</i>	-10.20	
07 34 00 00-0016	SQ		40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®).....	115.68	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-3.82	
			<i>For &gt;75 To 100, Deduct</i>	-7.19	
			<i>For &gt;100 To 200, Deduct</i>	-11.51	
			<i>For &gt;200, Deduct</i>	-15.38	
07 34 00 00-0017	SQ		40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	131.90	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-4.47	
			<i>For &gt;75 To 100, Deduct</i>	-8.32	
			<i>For &gt;100 To 200, Deduct</i>	-13.29	
			<i>For &gt;200, Deduct</i>	-17.66	
07 34 00 00-0018	SQ		30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....	192.77	10.14
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.48	
			<i>For &gt;50 To 75, Deduct</i>	-6.90	
			<i>For &gt;75 To 100, Deduct</i>	-12.58	
			<i>For &gt;100 To 200, Deduct</i>	-19.99	
			<i>For &gt;200, Deduct</i>	-26.18	

**07 40 Roofing And Siding Panels** <sup>(07)</sup>

Note: Includes placement of materials on roof up to 2-1/2 stories. All new roof installations include flood testing.

**07 41 Roof Panels** <sup>(07 40)</sup>

Note: Includes standard fasteners, grommets, cleats for installation.

**07 41 13 Metal Roof Panels** <sup>(07 41)</sup>**07 41 13 00-0001 Exposed Fastener Metal Roofing** <sup>(07 41 13)</sup>

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

**07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing** <sup>(07 41 13 00-0001)</sup>**07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels** <sup>(07 41 13 00-0002)</sup>

07 41 13 00-0004	SF		18 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	5.25	0.52
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.74	
07 41 13 00-0005	SF		20 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.73	0.52
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.74	
07 41 13 00-0006	SF		22 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.37	0.52
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.74	
07 41 13 00-0007	SF		24 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.01	0.52
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.74	



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Roofing And Siding Panels</b>	<b>07 40</b>
<b>Roof Panels</b>	<b>07 41</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0008 SF 26 Gauge Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.72 0.64 0.74	0.52
07 41 13 00-0009 SF 29 Gauge Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.46 0.64 0.74	0.52
07 41 13 00-0010 SF 30 Gauge Galvanized Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.36 0.64 0.74	0.52
<b>07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories</b> (07 41 13 00-0002) See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012 LF Ridge Flashing For Galvanized Steel Exposed Fastener Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	26.13 2.94 1.69	2.32
07 41 13 00-0013 LF Eave Flashing For Galvanized Steel Exposed Fastener Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	19.23 2.94 1.00	2.32
07 41 13 00-0014 LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	32.79 2.94 2.36	2.32
07 41 13 00-0015 LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	26.73 2.94 1.75	2.32
<b>07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing</b> (07 41 13 00-0001)		
<b>07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels</b> (07 41 13 00-0016)		
07 41 13 00-0018 SF 0.0155" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.21 0.64 0.74	0.52
07 41 13 00-0019 SF 0.018" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.35 0.64 0.74	0.52
07 41 13 00-0020 SF 0.024" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	3.70 0.64 0.74	0.52
07 41 13 00-0021 SF 0.032" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.16 0.64 0.74	0.52
07 41 13 00-0022 SF 0.040" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.62 0.64 0.74	0.52
07 41 13 00-0023 SF 0.050" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.19 0.64 0.74	0.52
<b>07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories</b> (07 41 13 00-0016)		
07 41 13 00-0025 LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	26.80 1.85 2.10	2.32
07 41 13 00-0026 LF Eave Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	18.18 1.85 1.24	2.32
07 41 13 00-0027 LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	35.12 1.85 2.93	2.32
07 41 13 00-0028 LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	27.56 1.85 2.18	2.32
<b>07 41 13 00-0029 Standing Seam Roofs</b> (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
<b>07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume. Factory paint finish is Kynar 500, Hylar 5000 or equal PVC finish.		
<b>07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0030)		

**07 Thermal And Moisture Protection****07 40 Roofing And Siding Panels****07 41 Roof Panels**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0032	SF		Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	10.78	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.11	
			<i>For 140 MPH Wind Load, Add</i>	0.46	
			<i>For Up To 1,500, Add</i>	2.70	
			<i>For &gt;1,500 To 5,000, Add</i>	1.62	
			<i>For &gt;5,000 To 10,000, Add</i>	0.27	
07 41 13 00-0033	SF		Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	11.51	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.14	
			<i>For 140 MPH Wind Load, Add</i>	0.48	
			<i>For Up To 1,500, Add</i>	2.88	
			<i>For &gt;1,500 To 5,000, Add</i>	1.73	
			<i>For &gt;5,000 To 10,000, Add</i>	0.29	
07 41 13 00-0034	SF		Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	10.14	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.07	
			<i>For 140 MPH Wind Load, Add</i>	0.45	
			<i>For Up To 1,500, Add</i>	2.54	
			<i>For &gt;1,500 To 5,000, Add</i>	1.52	
			<i>For &gt;5,000 To 10,000, Add</i>	0.25	
07 41 13 00-0035	SF		Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	10.39	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.09	
			<i>For 140 MPH Wind Load, Add</i>	0.45	
			<i>For Up To 1,500, Add</i>	2.60	
			<i>For &gt;1,500 To 5,000, Add</i>	1.56	
			<i>For &gt;5,000 To 10,000, Add</i>	0.26	
07 41 13 00-0036	SF		Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	10.68	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.10	
			<i>For 140 MPH Wind Load, Add</i>	0.46	
			<i>For Up To 1,500, Add</i>	2.67	
			<i>For &gt;1,500 To 5,000, Add</i>	1.60	
			<i>For &gt;5,000 To 10,000, Add</i>	0.27	
07 41 13 00-0037	SF		Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....	11.74	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For Panels &lt;16" Wide, Add</i>	1.15	
			<i>For 140 MPH Wind Load, Add</i>	0.48	
			<i>For Up To 1,500, Add</i>	2.94	
			<i>For &gt;1,500 To 5,000, Add</i>	1.76	
			<i>For &gt;5,000 To 10,000, Add</i>	0.29	
<b>07 41 13 00-0038</b>			<b>Accessories For Galvanized Steel Standing Seam Roofing</b> (07 41 13 00-0030)		
07 41 13 00-0039	LF		Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	27.82	3.68
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.76	
			<i>For 140 MPH Wind Load, Add</i>	1.29	
07 41 13 00-0040	LF		Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	20.24	3.68
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.76	
			<i>For 140 MPH Wind Load, Add</i>	1.14	
07 41 13 00-0041	LF		Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing .....	35.14	3.68
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.76	
			<i>For 140 MPH Wind Load, Add</i>	1.44	
07 41 13 00-0042	LF		Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	28.49	3.68
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.76	
			<i>For 140 MPH Wind Load, Add</i>	1.31	
<b>07 41 13 00-0043</b>			<b>Aluminum Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0029)		
			Note: Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
<b>07 41 13 00-0044</b>			<b>Aluminum Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0043)		
07 41 13 00-0045	SF		Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	11.29	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For 140 MPH Wind Load, Add</i>	0.47	
			<i>For Up To 1,500, Add</i>	2.82	
			<i>For Panels &lt; 16" Wide, Add</i>	1.13	
			<i>For Up To 5000, Add</i>	0.47	
			<i>For &gt; 5000 To 10000, Add</i>	0.28	
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	11.91	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For 140 MPH Wind Load, Add</i>	0.48	
			<i>For Up To 1,500, Add</i>	2.98	
			<i>For Panels &lt; 16" Wide, Add</i>	1.16	
			<i>For Up To 5000, Add</i>	0.48	
			<i>For &gt; 5000 To 10000, Add</i>	0.30	
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing .....	10.94	1.22
			<i>For Steep Roof, Over 6 To 12, Add</i>	0.92	
			<i>For 140 MPH Wind Load, Add</i>	0.46	
			<i>For Up To 1,500, Add</i>	2.74	
			<i>For Panels &lt; 16" Wide, Add</i>	1.11	
			<i>For Up To 5000, Add</i>	0.46	
			<i>For &gt; 5000 To 10000, Add</i>	0.27	



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Roofing And Siding Panels</b>	<b>07 40</b>
<b>Roof Panels</b>	<b>07 41</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0048 SF Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing .....	12.07	1.22
For Steep Roof, Over 6 To 12, Add	0.92	
For 140 MPH Wind Load, Add	0.49	
For Up To 1,500, Add	3.02	
For Panels < 16" Wide, Add	1.17	
For Up To 5000, Add	0.49	
For > 5000 To 10000, Add	0.30	
<b>07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)</b>		
07 41 13 00-0050 LF Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	32.31	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	1.38	
07 41 13 00-0051 LF Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	22.83	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	1.19	
07 41 13 00-0052 LF Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing .....	41.46	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	1.56	
07 41 13 00-0053 LF Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	33.15	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	1.40	
<b>07 41 13 00-0054 Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)</b>		
<b>07 41 13 00-0055 Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)</b>		
07 41 13 00-0056 SF Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	29.76	1.84
For Steep Roof, Over 6 To 12, Add	1.38	
For 140 MPH Wind Load, Add	0.96	
For Up To 1,500, Add	7.44	
For Panels < 16" Wide, Add	2.34	
For Up To 5000, Add	2.98	
For > 5000 To 10000, Add	0.74	
07 41 13 00-0057 SF Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	36.05	1.84
For Steep Roof, Over 6 To 12, Add	1.38	
For 140 MPH Wind Load, Add	1.09	
For Up To 1,500, Add	9.01	
For Panels < 16" Wide, Add	2.65	
For Up To 5000, Add	3.61	
For > 5000 To 10000, Add	0.90	
<b>07 41 13 00-0058 Accessories For Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)</b>		
07 41 13 00-0059 LF Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	90.79	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	2.55	
07 41 13 00-0060 LF Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	51.27	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	1.76	
07 41 13 00-0061 LF Valley Flashing For Copper Standing Seam Concealed Fastener Roofing .....	128.16	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	3.30	
07 41 13 00-0062 LF Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	93.74	3.68
For Steep Roof, Over 6 To 12, Add	2.76	
For 140 MPH Wind Load, Add	2.61	
<b>07 41 13 00-0063 Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)</b>		
<b>07 41 13 00-0064 Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0063)</b>		
07 41 13 00-0065 SF Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....	22.35	1.84
For Steep Roof, Over 6 To 12, Add	1.38	
For 140 MPH Wind Load, Add	0.81	
For Up To 1,500, Add	5.59	
For Up To 5000, Add	2.24	
For > 5000 To 10000, Add	0.56	
For Panels < 16" Wide, Add	1.97	
07 41 13 00-0066 SF Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....	26.13	1.84
For Steep Roof, Over 6 To 12, Add	1.38	
For 140 MPH Wind Load, Add	0.89	
For Up To 1,500, Add	6.53	
For Up To 5000, Add	2.61	
For > 5000 To 10000, Add	0.65	
For Panels < 16" Wide, Add	2.16	
07 41 13 00-0067 SF Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing .....	30.61	1.84
For Steep Roof, Over 6 To 12, Add	1.38	
For 140 MPH Wind Load, Add	0.98	
For Up To 1,500, Add	7.65	
For Up To 5000, Add	3.06	
For > 5000 To 10000, Add	0.77	
For Panels < 16" Wide, Add	2.38	

**07 Thermal And Moisture Protection****07 40 Roofing And Siding Panels****07 41 Roof Panels**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 41 13 00-0068	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	36.35	1.84
		<i>For Steep Roof, Over 6 To 12, Add</i>	1.38	
		<i>For 140 MPH Wind Load, Add</i>	1.09	
		<i>For Up To 1,500, Add</i>	9.09	
		<i>For Up To 5000, Add</i>	3.64	
		<i>For &gt; 5000 To 10000, Add</i>	0.91	
		<i>For Panels &lt; 16" Wide, Add</i>	2.67	
<b>07 41 13 00-0069</b>		<b>Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0063)		
07 41 13 00-0070	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	79.70	3.68
		<i>For Steep Roof, Over 6 To 12, Add</i>	3.10	
		<i>For 140 MPH Wind Load, Add</i>	2.42	
07 41 13 00-0071	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	46.11	3.68
		<i>For Steep Roof, Over 6 To 12, Add</i>	3.10	
		<i>For 140 MPH Wind Load, Add</i>	1.75	
07 41 13 00-0072	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	111.46	3.68
		<i>For Steep Roof, Over 6 To 12, Add</i>	3.10	
		<i>For 140 MPH Wind Load, Add</i>	3.06	
07 41 13 00-0073	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	82.21	3.68
		<i>For Steep Roof, Over 6 To 12, Add</i>	3.10	
		<i>For 140 MPH Wind Load, Add</i>	2.47	
<b>07 41 13 00-0074</b>		<b>Metal Roof Surfacing</b> (07 41 13)		
07 41 13 00-0075	SF	Acrylic, Metal Roof Primer, One Coat.....	0.25	
		<i>For Steep Roof, Over 7 To 12, Add</i>	0.04	
07 41 13 00-0076	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat.....	0.37	
		Note: 55% solids by volume.		
		<i>For Steep Roof, Over 7 To 12, Add</i>	0.04	
<b>07 41 33</b>		<b>Plastic Roof Panels</b> (07 41)		
<b>07 41 33 00-0001</b>		<b>Polyvinyl Chloride (PVC) Roofing Panels</b> (07 41 33)		
<b>07 41 33 00-0002</b>		<b>Polyvinyl Chloride (PVC) Roofing Panels</b> (07 41 33 00-0001)		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide.....	3.17	1.12
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	3.01	1.01
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	3.27	1.12
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	3.09	1.01
<b>07 41 33 00-0007</b>		<b>Polyvinyl Chloride (PVC) Roofing Accessories</b> (07 41 33 00-0001)		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim.....	1.96	0.83
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim.....	2.75	0.83
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket.....	2.98	0.83
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket.....	2.37	0.83
<b>07 41 33 00-0012</b>		<b>Fiberglass Roofing Panel</b> (07 41 33)		
<b>07 41 33 00-0013</b>		<b>Corrugated Panels</b> (07 41 33 00-0012)		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel.....	3.50	0.90
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel.....	4.06	0.90
<b>07 42</b>		<b>Wall Panels</b> (07 40)		
<b>07 42 13</b>		<b>Metal Wall Panels</b> (07 42)		
<b>07 42 13 19</b>		<b>Insulated Metal Wall Panels</b> (07 42 13)		
<b>07 42 13 19-0001</b>		<b>Insulated Panels For Sash/Window Replacement</b> (07 42 13 19)		
		Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement.....	11.85	1.91
		<i>For Non-Insulated Panels, Deduct</i>	-2.00	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement.....	12.81	2.15
		<i>For Non-Insulated Panels, Deduct</i>	-2.14	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement.....	13.70	2.38
		<i>For Non-Insulated Panels, Deduct</i>	-2.28	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement.....	14.63	2.49
		<i>For Non-Insulated Panels, Deduct</i>	-2.41	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement.....	16.64	2.73
		<i>For Non-Insulated Panels, Deduct</i>	-2.80	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement.....	19.43	3.01
		<i>For Non-Insulated Panels, Deduct</i>	-3.37	
<b>07 42 63</b>		<b>Fabricated Wall Panel Assemblies</b> (07 42)		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0001				<b>24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels</b> <small>(07 42 63)</small> Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Mett-Span Corporation.		
07 42 63 00-0002	SF			2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels ..... 11.52		1.32
				<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> ..... 0.24		
				<i>For Premium Exterior Colors, Add</i> ..... 0.12		
07 42 63 00-0003	SF			2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels ..... 12.92		1.51
				<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> ..... 0.24		
				<i>For Premium Exterior Colors, Add</i> ..... 0.12		
07 42 63 00-0004	SF			3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels ..... 14.11		1.71
				<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> ..... 0.24		
				<i>For Premium Exterior Colors, Add</i> ..... 0.12		
07 42 63 00-0005	SF			4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels ..... 15.70		2.25
				<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> ..... 0.24		
				<i>For Premium Exterior Colors, Add</i> ..... 0.12		
07 46				<b>Siding</b> <small>(07 40)</small>		
07 46 16				<b>Aluminum Siding</b> <small>(07 46)</small> Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 16 00-0001				<b>Aluminum Coil Stock Cladding</b> <small>(07 46 16)</small> Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF			Aluminum Cladding, 0.016" Thick ..... 5.55		2.12
07 46 16 00-0003	SF			Aluminum Cladding, 0.019" Thick ..... 5.59		2.12
07 46 16 00-0004	SF			Aluminum Cladding, 0.024" Thick ..... 5.66		2.12
07 46 16 00-0005				<b>Aluminum Siding Panels For Structural Steel Framing</b> <small>(07 46 16)</small> Note: Includes fasteners.		
07 46 16 00-0006				<b>Corrugated</b> <small>(07 46 16 00-0005)</small>		
07 46 16 00-0007	SF			0.019" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners ..... 3.17		1.15
07 46 16 00-0008	SF			0.021" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners ..... 3.29		1.15
07 46 16 00-0009	SF			0.024" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners ..... 3.57		1.15
07 46 16 00-0010	SF			0.032" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners ..... 4.05		1.15
07 46 16 00-0011	SF			0.019" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners ..... 3.40		1.15
07 46 16 00-0012	SF			0.021" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners ..... 3.51		1.15
07 46 16 00-0013	SF			0.024" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners ..... 3.83		1.15
07 46 16 00-0014	SF			0.032" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners ..... 4.46		1.15
07 46 16 00-0015				<b>V- Beam</b> <small>(07 46 16 00-0005)</small>		
07 46 16 00-0016	SF			0.032" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners ..... 4.07		1.15
07 46 16 00-0017	SF			0.040" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners ..... 4.32		1.15
07 46 16 00-0018	SF			0.050" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners ..... 4.64		1.15
07 46 16 00-0019	SF			0.032" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners ..... 4.43		1.15
07 46 16 00-0020	SF			0.040" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners ..... 4.86		1.15
07 46 16 00-0021	SF			0.050" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners ..... 5.86		1.15
07 46 16 00-0022				<b>Rib</b> <small>(07 46 16 00-0005)</small>		
07 46 16 00-0023	SF			0.032" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners ..... 4.39		1.15
07 46 16 00-0024	SF			0.040" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners ..... 4.64		1.15
07 46 16 00-0025	SF			0.050" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners ..... 4.97		1.15
07 46 16 00-0026	SF			0.032" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners ..... 4.62		1.15
07 46 16 00-0027	SF			0.040" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners ..... 5.03		1.15
07 46 16 00-0028	SF			0.050" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners ..... 5.28		1.15
07 46 16 00-0029				<b>Aluminum Soffit And Fascia</b> <small>(07 46 16)</small> Note: Excludes J-channel.		
07 46 16 00-0030	LF			6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 2.10		0.68
				<i>For 0.015" Thick, Deduct</i> ..... -0.05		
07 46 16 00-0031	LF			10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 2.66		0.71
				<i>For 0.015" Thick, Deduct</i> ..... -0.09		
07 46 16 00-0032	LF			1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 2.96		0.73
				<i>For 0.015" Thick, Deduct</i> ..... -0.11		
07 46 16 00-0033	LF			1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 3.79		0.77
				<i>For 0.015" Thick, Deduct</i> ..... -0.16		
07 46 16 00-0034	LF			2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 4.69		0.84
				<i>For 0.015" Thick, Deduct</i> ..... -0.20		
07 46 16 00-0035	LF			3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit ..... 6.36		0.92
				<i>For 0.015" Thick, Deduct</i> ..... -0.31		

**07 Thermal And Moisture Protection****07 40 Roofing And Siding Panels****07 46 Siding**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 46 16 00-0036	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....		8.05	1.01
		<i>For 0.015" Thick, Deduct</i>		-0.42	
07 46 16 00-0037	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....		9.75	1.12
		<i>For 0.015" Thick, Deduct</i>		-0.53	
07 46 16 00-0038	LF	4" Exposure, 0.024" Thick, Aluminum Fascia .....		2.55	0.66
07 46 16 00-0039	LF	6" Exposure, 0.024" Thick, Aluminum Fascia .....		2.81	0.68
07 46 16 00-0040	LF	8" Exposure, 0.024" Thick, Aluminum Fascia .....		3.35	0.70
07 46 16 00-0041	LF	10" Exposure, 0.024" Thick, Aluminum Fascia .....		3.94	0.71
<b>07 46 16 00-0042 Aluminum Siding Accessories (07 46 16)</b>					
07 46 16 00-0043	LF	3/8" Pocket, Aluminum J-Channel .....		1.60	0.63
07 46 16 00-0044	LF	1/2" Pocket, Aluminum J-Channel .....		1.60	0.63
07 46 16 00-0045	LF	3/4" Pocket, Aluminum J-Channel .....		1.94	0.63
07 46 16 00-0046	LF	3/8" Pocket, Aluminum F-Channel .....		1.82	0.63
07 46 16 00-0047	LF	1/2" Pocket, Aluminum F-Channel .....		1.82	0.63
<b>07 46 19 Steel Siding (07 46)</b>					
Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.					
07 46 19 00-0001		<b>Steel Siding Panels For Structural Steel Framing (07 46 19)</b>			
Note: Included fasteners.					
07 46 19 00-0002		<b>Corrugated, Painted (07 46 19 00-0001)</b>			
Note: Factory applied.					
07 46 19 00-0003	SF	20 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		6.12	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.95	
07 46 19 00-0004	SF	22 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		5.61	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.82	
07 46 19 00-0005	SF	24 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		5.48	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.79	
07 46 19 00-0006	SF	26 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		3.99	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.42	
07 46 19 00-0007	SF	28 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		3.88	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.39	
07 46 19 00-0008	SF	30 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted .....		3.81	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.37	
<b>07 46 19 00-0009 Box Rib, Painted (07 46 19 00-0001)</b>					
Note: Factory applied.					
07 46 19 00-0010	SF	20 Gauge Box Rib Steel Siding Panel, Painted With Fasteners .....		5.74	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.86	
07 46 19 00-0011	SF	22 Gauge Box Rib Steel Siding Panel, Painted With Fasteners .....		5.51	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.80	
07 46 19 00-0012	SF	24 Gauge Box Rib Steel Siding Panel, Painted With Fasteners .....		5.36	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.76	
07 46 19 00-0013	SF	26 Gauge Box Rib Steel Siding Panel, Painted With Fasteners .....		5.10	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.70	
07 46 19 00-0014	SF	28 Gauge Box Rib Steel Siding Panel, Painted With Fasteners .....		4.56	1.15
		<i>For Galvanized Instead Of Painted Steel, Add</i>		0.56	
<b>07 46 19 00-0015 Steel Siding For Wood Frame (07 46 19)</b>					
Note: Horizontal clapboard, double 5" profiler, 1/2" deep butt, wood grain pattern. Includes fasteners, trim and all accessories.					
07 46 19 00-0016	SF	Horizontal Clapboard .....		4.71	0.58
<b>07 46 23 Wood Siding (07 46)</b>					
Note: Includes all necessary furring strips, trim for corners, windows and doors.					
07 46 23 00-0001		<b>Wood Lap Siding (07 46 23)</b>			
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding .....		1.67	0.67
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding .....		1.85	0.71
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding .....		2.04	0.77
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade .....		1.77	0.67
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better .....		1.94	0.67
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding .....		2.29	0.67
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding .....		2.43	0.67
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding .....		2.23	0.67
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin .....		2.19	0.71
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic .....		2.19	0.71
<b>07 46 23 00-0012 Tongue And Groove Siding (07 46 23)</b>					
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding .....		1.67	0.67
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding .....		1.82	0.67
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding .....		1.71	0.67
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding .....		2.12	0.67





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 46 29 Plywood Siding</b> <small>(07 46)</small>		
<small>Note: Includes all necessary furring strips, trim for corners, windows and doors.</small>		
<b>07 46 29 00-0001 T-111 Siding</b> <small>(07 46 29)</small>		
07 46 29 00-0002 SF 5/8" T-111 Fir, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud <i>For Pressure Treated, Add</i>	1.30 0.18	0.34
07 46 29 00-0003 SF 5/8" T-111 Cedar, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud <i>For Pressure Treated, Add</i>	1.28 0.18	0.34
<b>07 46 33 Plastic Siding</b> <small>(07 46)</small>		
<small>Note: Includes all necessary furring strips, trim for corners, windows and doors.</small>		
<b>07 46 33 00-0001 Vinyl Siding</b> <small>(07 46 33)</small>		
<small>Note: Includes standard manufacturer's colors.</small>		
<b>07 46 33 00-0002 Vinyl Siding Panels</b> <small>(07 46 33 00-0001)</small>		
<small>Note: Excludes J-channels, starter strips and trim.</small>		
<b>07 46 33 00-0003 Horizontal Vinyl Siding Panels</b> <small>(07 46 33 00-0002)</small>		
<small>Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.</small>		
07 46 33 00-0004 SF 7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	2.41 -0.11 0.07 0.33 0.04	0.82
07 46 33 00-0005 SF 8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	2.31 -0.11 0.07 0.33 0.04	0.78
07 46 33 00-0006 SF 9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	2.24 -0.11 0.07 0.33 0.04	0.74
07 46 33 00-0007 SF 10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	2.16 -0.11 0.07 0.33 0.04	0.71
07 46 33 00-0008 SF 12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	2.07 -0.11 0.07 0.33 0.04	0.66
<b>07 46 33 00-0009 Vertical Vinyl Siding Panels</b> <small>(07 46 33 00-0002)</small>		
07 46 33 00-0010 SF 7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel <i>For Manufacturer's Custom Colors, Add</i>	3.00 0.07	0.82
<b>07 46 33 00-0011 Vinyl Siding Accessories</b> <small>(07 46 33 00-0001)</small>		
07 46 33 00-0012 LF 3/4" Pocket, Outside Corner Post For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	2.76 0.08	0.63
07 46 33 00-0013 LF 1-1/8" Pocket, Outside Corner Post For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	5.35 0.20	0.63
07 46 33 00-0014 LF 3/4" Pocket, Inside Corner Post For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	2.31 0.05	0.63
07 46 33 00-0015 LF 1-1/8" Pocket, Inside Corner Post For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	2.80 0.08	0.63
07 46 33 00-0016 LF 3/8" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.58 0.02	0.63
07 46 33 00-0017 LF 1/2" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.54 0.02	0.63
07 46 33 00-0018 LF 5/8" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.55 0.02	0.63
07 46 33 00-0019 LF 3/4" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.58 0.02	0.63
07 46 33 00-0020 LF 1" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.72 0.02	0.63
07 46 33 00-0021 LF 1-1/4" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.74 0.02	0.63
07 46 33 00-0022 LF 2-1/2" Pocket, J-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	3.21 0.08	0.63
07 46 33 00-0023 LF 1/2" Pocket, F-Channel For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	1.38 0.02	0.63
07 46 33 00-0024 LF 3/4" Pocket, 3-3/4" Lineals For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	3.58 0.09	0.87
07 46 33 00-0025 LF 3/4" Pocket, 5" Lineals For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	3.65 0.10	0.87
07 46 33 00-0026 LF 1-1/8" Pocket, 3-1/2" Lineals For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	3.58 0.09	0.87

**07 Thermal And Moisture Protection****07 40 Roofing And Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0027	LF		3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	2.90	0.63
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0028	LF		Vinyl Starter Strip For Vinyl Siding.....	2.53	0.63
			<i>For Manufacturer's Custom Colors, Add</i>	0.06	
07 46 33 00-0029	LF		Undersill Trim For Vinyl Siding.....	1.69	0.63
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
<b>07 46 33 00-0030</b>			<b>Vinyl Soffit And Fascia</b> (07 46 33 00-0001)		
			Note: Excludes J-channel.		
07 46 33 00-0031	LF		6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	1.86	0.68
			<i>For 0.038" Thick, Deduct</i>	-0.10	
			<i>For 0.040" Thick, Deduct</i>	-0.06	
			<i>For 0.046" Thick, Add</i>	0.11	
			<i>For Manufacturer's Custom Colors, Add</i>	0.03	
07 46 33 00-0032	LF		10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	2.25	0.71
			<i>For 0.038" Thick, Deduct</i>	-0.18	
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.046" Thick, Add</i>	0.19	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0033	LF		1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	2.47	0.73
			<i>For 0.038" Thick, Deduct</i>	-0.23	
			<i>For 0.040" Thick, Deduct</i>	-0.15	
			<i>For 0.046" Thick, Add</i>	0.22	
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	
07 46 33 00-0034	LF		1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	3.05	0.77
			<i>For 0.038" Thick, Deduct</i>	-0.35	
			<i>For 0.040" Thick, Deduct</i>	-0.23	
			<i>For 0.046" Thick, Add</i>	0.34	
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0035	LF		2" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	3.71	0.84
			<i>For 0.038" Thick, Deduct</i>	-0.45	
			<i>For 0.040" Thick, Deduct</i>	-0.29	
			<i>For 0.046" Thick, Add</i>	0.45	
			<i>For Manufacturer's Custom Colors, Add</i>	0.10	
07 46 33 00-0036	LF		3" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	4.89	0.92
			<i>For 0.038" Thick, Deduct</i>	-0.70	
			<i>For 0.040" Thick, Deduct</i>	-0.46	
			<i>For 0.046" Thick, Add</i>	0.67	
			<i>For Manufacturer's Custom Colors, Add</i>	0.15	
07 46 33 00-0037	LF		4" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	6.08	1.01
			<i>For 0.038" Thick, Deduct</i>	-0.92	
			<i>For 0.040" Thick, Deduct</i>	-0.60	
			<i>For 0.046" Thick, Add</i>	0.89	
			<i>For Manufacturer's Custom Colors, Add</i>	0.20	
07 46 33 00-0038	LF		5" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	7.30	1.12
			<i>For 0.038" Thick, Deduct</i>	-1.17	
			<i>For 0.040" Thick, Deduct</i>	-0.77	
			<i>For 0.046" Thick, Add</i>	1.12	
			<i>For Manufacturer's Custom Colors, Add</i>	0.25	
07 46 33 00-0039	LF		4" Exposure, Vinyl Fascia.....	2.03	0.66
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0040	LF		6" Exposure, Vinyl Fascia.....	2.27	0.68
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	
07 46 33 00-0041	LF		8" Exposure, Vinyl Fascia.....	2.39	0.70
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	
07 46 33 00-0042	LF		10" Exposure, Vinyl Fascia.....	2.57	0.71
			<i>For Manufacturer's Custom Colors, Add</i>	0.06	
<b>07 46 33 00-0043</b>			<b>Fiberglass Siding</b> (07 46 33)		
<b>07 46 33 00-0044</b>			<b>Corrugated Panels</b> (07 46 33 00-0043)		
07 46 33 00-0045	SF		6 Ounce Corrugated Fiberglass Panels.....	3.23	0.96
07 46 33 00-0046	SF		8 Ounce Corrugated Fiberglass Panels.....	3.46	0.87
07 46 33 00-0047	SF		12 Ounce Corrugated Fiberglass Panels.....	3.89	0.87
<b>07 46 33 00-0048</b>			<b>Flat Panels</b> (07 46 33 00-0043)		
07 46 33 00-0049	SF		6 Ounce Flat Fiberglass Panels.....	3.08	0.87
07 46 33 00-0050	SF		8 Ounce Flat Fiberglass Panels.....	3.46	0.87
<b>07 46 46</b>			<b>Fiber-Cement Siding</b> (07 46)		
			Note: Smooth or patterns. Includes sealer and primer.		
<b>07 46 46 00-0001</b>			<b>5/16" Thick, Fiber Cement Lap Siding</b> (07 46 46)		
07 46 46 00-0002	SF		5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	3.34	1.01
07 46 46 00-0003	SF		6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	3.18	0.96
07 46 46 00-0004	SF		7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	3.11	0.94
07 46 46 00-0005	SF		8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	3.04	0.92
07 46 46 00-0006	SF		9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	2.91	0.87
07 46 46 00-0007	SF		12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	2.79	0.82
07 46 46 00-0008	LF		Starter Strip, Fiber Cement Lap Siding.....	0.74	0.25



<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Roofing And Siding Panels</b>		<b>07 40</b>
<b>Siding</b>		<b>07 46</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 46 46 00-0009</b> Fiber Cement Shingle Siding <small>(07 46 46)</small>		
07 46 46 00-0010 SF Fiber Cement Shingle Siding .....	5.78	0.89
<b>07 46 46 00-0011</b> Fiber Cement Vertical Panel Siding <small>(07 46 46)</small>		
07 46 46 00-0012 SF Fiber Cement Vertical Panel Siding .....	2.48	0.73
<b>07 46 46 00-0013</b> Fiber Cement Trim Boards <small>(07 46 46)</small>		
<b>07 46 46 00-0014</b> 7/16" Thick, Fiber Cement Trim Boards <small>(07 46 46 00-0013)</small>		
07 46 46 00-0015 LF 4" Wide, 7/16" Thick, Fiber Cement Trim Board .....	1.59	0.48
07 46 46 00-0016 LF 6" Wide, 7/16" Thick, Fiber Cement Trim Board .....	2.13	0.53
07 46 46 00-0017 LF 8" Wide, 7/16" Thick, Fiber Cement Trim Board .....	2.61	0.58
07 46 46 00-0018 LF 12" Wide, 7/16" Thick, Fiber Cement Trim Board .....	3.52	0.68
<b>07 46 46 00-0019</b> 3/4" Thick Fiber Cement Trim Boards <small>(07 46 46 00-0013)</small>		
07 46 46 00-0020 LF 4" Wide, 3/4" Thick, Fiber Cement Trim Board .....	1.70	0.48
07 46 46 00-0021 LF 6" Wide, 3/4" Thick, Fiber Cement Trim Board .....	2.29	0.53
07 46 46 00-0022 LF 8" Wide, 3/4" Thick, Fiber Cement Trim Board .....	2.88	0.58
07 46 46 00-0023 LF 12" Wide, 3/4" Thick, Fiber Cement Trim Board .....	2.94	0.68
<b>07 46 46 00-0024</b> 1" Thick Fiber Cement Trim Boards <small>(07 46 46 00-0013)</small>		
07 46 46 00-0025 LF 4" Wide, 1" Thick, Fiber Cement Trim Board .....	1.83	0.48
07 46 46 00-0026 LF 6" Wide, 1" Thick, Fiber Cement Trim Board .....	2.52	0.53
07 46 46 00-0027 LF 8" Wide, 1" Thick, Fiber Cement Trim Board .....	3.22	0.58
07 46 46 00-0028 LF 12" Wide, 1" Thick, Fiber Cement Trim Board .....	4.39	0.68
<b>07 46 46 00-0029</b> Fiber Cement Fascia Board <small>(07 46 46)</small>		
07 46 46 00-0030 LF 5/4" x 3-1/2" Fiber Cement Fascia Board.....	3.06	0.96
07 46 46 00-0031 LF 5/4" x 5-1/2" Fiber Cement Fascia Board.....	3.94	1.06
07 46 46 00-0032 LF 5/4" x 7-1/4" Fiber Cement Fascia Board.....	4.52	1.06
07 46 46 00-0033 LF 5/4" x 11-1/4" Fiber Cement Fascia Board.....	6.15	1.24
<b>07 46 46 00-0034</b> Fiber Cement Soffit Boards <small>(07 46 46)</small>		
07 46 46 00-0035 SF 1/4" Thick, Non Vented Fiber Cement Soffit .....	3.38	0.70
07 46 46 00-0036 SF 1/4" Thick, Vented Fiber Cement Soffit.....	3.64	0.70
<b>07 46 63 Fabricated Panel Assemblies With Siding</b> <small>(07 46)</small>		
<b>07 46 63 00-0001</b> Metal Liner Panels <small>(07 46 63)</small>		
<b>07 46 63 00-0002</b> Galvanized Metal Liner Panels <small>(07 46 63 00-0001)</small>		
07 46 63 00-0003 SF 24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel .....	5.41	1.03
07 46 63 00-0004 SF 22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel .....	5.94	1.03
07 46 63 00-0005 SF 20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel .....	6.89	1.03
07 46 63 00-0006 SF 18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel .....	6.98	1.03
<b>07 50 Membrane Roofing</b> <small>(07)</small>		
Note: Includes placement of materials on roof up to 2-1/2 stories. See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.		
<b>07 51 Built-Up Bituminous Roofing</b> <small>(07 50)</small>		
<b>07 51 13 Built-Up Asphalt Roofing</b> <small>(07 51)</small>		
<b>07 51 13 00-0001</b> Built-Up Asphalt Roofing Components <small>(07 51 13)</small>		
<b>07 51 13 00-0002</b> Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0001)</small>		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0066 for built-up roofing demolition.		
<b>07 51 13 00-0003</b> Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
Note: Includes applying cold adhesive and embedding the membrane.		
<b>07 51 13 00-0004</b> Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0003)</small>		
07 51 13 00-0005 SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied .....	49.08	
For Up To 10, Add	7.73	
For >10 To 25, Add	5.97	
07 51 13 00-0006 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied .....	130.69	
For Up To 10, Add	11.81	
For >10 To 25, Add	10.05	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

07 51 13 00-0007	Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)		
07 51 13 00-0008	SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied.....	3.22	
07 51 13 00-0009	Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
	Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010	Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)		
07 51 13 00-0011	SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	37.03	
	For Up To 10, Add	7.12	
	For >10 To 25, Add	5.37	
07 51 13 00-0012	SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	39.36	
	For Up To 10, Add	7.24	
	For >10 To 25, Add	5.48	
07 51 13 00-0013	SQ Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	42.01	
	For Up To 10, Add	7.37	
	For >10 To 25, Add	5.61	
07 51 13 00-0014	SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	71.33	
	For Up To 10, Add	8.84	
	For >10 To 25, Add	7.08	
07 51 13 00-0015	SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped .....	118.65	
	For Up To 10, Add	11.20	
	For >10 To 25, Add	9.45	
07 51 13 00-0016	SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped .....	90.94	
	For Up To 10, Add	10.32	
	For >10 To 25, Add	8.40	
07 51 13 00-0017	Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)		
07 51 13 00-0018	SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped .....	2.12	
07 51 13 00-0019	Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
	Note: Includes fasteners.		
07 51 13 00-0020	Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)		
07 51 13 00-0021	SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	37.23	
	For Up To 10, Add	4.50	
	For >10 To 25, Add	3.62	
07 51 13 00-0022	SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	69.20	
	For Up To 10, Add	6.09	
	For >10 To 25, Add	5.22	
07 51 13 00-0023	SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	116.52	
	For Up To 10, Add	8.46	
	For >10 To 25, Add	7.58	
07 51 13 00-0024	Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)		
07 51 13 00-0025	SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened .....	2.52	
07 51 13 00-0026	Asphalt Saturated Organic Felt (07 51 13 00-0001)		
07 51 13 00-0027	Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
	Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied .....	47.63	
	For Up To 10, Add	7.65	
	For >10 To 25, Add	5.90	
07 51 13 00-0029	SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied .....	53.63	
	For Up To 10, Add	7.95	
	For >10 To 25, Add	6.20	
07 51 13 00-0030	Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
	Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped .....	35.58	
	For Up To 10, Add	7.05	
	For >10 To 25, Add	5.29	
07 51 13 00-0032	SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped .....	41.58	
	For Up To 10, Add	7.35	
	For >10 To 25, Add	5.59	
07 51 13 00-0033	Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
	Note: Includes fasteners.		
07 51 13 00-0034	SQ 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	17.81	
	For Up To 10, Add	3.52	
	For >10 To 25, Add	2.65	
07 51 13 00-0035	SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	23.81	
	For Up To 10, Add	3.82	
	For >10 To 25, Add	2.95	



<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Membrane Roofing</b>		<b>07 50</b>
<b>Built-Up Bituminous Roofing</b>		<b>07 51</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 51 13 00-0036 Surfacing</b> <small>(07 51 13 00-0001)</small>		
07 51 13 00-0037 SQ 400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat .....	80.67	
For Up To 10, Add	17.21	
For >10 To 25, Add	12.82	
07 51 13 00-0038 SQ 400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	115.98	
For Up To 10, Add	18.98	
For >10 To 25, Add	14.59	
07 51 13 00-0039 CY Gravel Roofing Ballast, Spread To Desired Thickness .....	91.80	
Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040 SQ Protective Polypropylene Fabric Mat, Loose Laid.....	26.07	
Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
For Up To 10, Add	3.04	
For >10 To 25, Add	2.46	
07 51 13 00-0041 SQ Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat .....	54.08	
Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
For Up To 10, Add	5.87	
For >10 To 25, Add	4.81	
07 51 13 00-0042 SQ Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat.....	48.24	
Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
For Up To 10, Add	5.57	
For >10 To 25, Add	4.52	
07 51 13 00-0043 SQ Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat.....	64.18	
Note: Reflective coating for use over smooth-surfaced built-up roofs.		
For Up To 10, Add	6.37	
For >10 To 25, Add	5.32	
07 51 13 00-0044 SQ 100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....	64.70	
Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
For Up To 10, Add	6.40	
For >10 To 25, Add	5.34	
For Installation Over Granule Surfaced Asphalt Roof Systems, Add	18.90	
07 51 13 00-0045 SQ 100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....	66.84	
Note: Bleed blocking coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
For Up To 10, Add	6.50	
For >10 To 25, Add	5.45	
For Installation Over Granule Surfaced Asphalt Roof Systems, Add	19.61	
07 51 13 00-0046 SF Ceramic Coated Roofing Granules, Hand Broadcast .....	1.13	
Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047 SF Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast.....	2.49	
Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
<b>07 51 13 00-0048 Walkway Pads</b> <small>(07 51 13 00-0001)</small>		
Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0049 LF 5/16" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad .....	13.46	
07 51 13 00-0050 LF 1/2" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad .....	15.97	
<b>07 51 13 00-0051 Cant And Tapered Edge Strips</b> <small>(07 51 13 00-0001)</small>		
07 51 13 00-0052 LF 2" x 2" Perlite Cant Strip .....	2.07	
07 51 13 00-0053 LF 3" x 3" Perlite Cant Strip .....	2.13	
07 51 13 00-0054 LF 4" x 4" Perlite Cant Strip .....	2.40	
07 51 13 00-0055 LF 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally .....	2.24	
07 51 13 00-0056 LF 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally .....	2.34	
07 51 13 00-0057 LF 1/2" x 6" Perlite Tapered Edge Strip .....	2.31	
07 51 13 00-0058 LF 1/2" x 12" Perlite Tapered Edge Strip .....	2.62	
07 51 13 00-0059 LF 1" x 12" Perlite Tapered Edge Strip .....	2.71	
07 51 13 00-0060 LF 1" x 24" Perlite Tapered Edge Strip .....	3.04	
07 51 13 00-0061 LF 1-1/2" x 12" Perlite Tapered Edge Strip .....	3.01	
07 51 13 00-0062 LF 1-1/2" x 18" Perlite Tapered Edge Strip .....	3.60	
07 51 13 00-0063 LF 1-1/2" x 24" Perlite Tapered Edge Strip .....	4.03	
<b>07 51 13 00-0064 Asphalt Primer</b> <small>(07 51 13 00-0001)</small>		
07 51 13 00-0065 SQ Asphalt Primer For Roofing Systems .....	18.39	
Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		
<b>07 51 13 00-0066 Demolish Built-Up Roofing</b> <small>(07 51 13 00-0001)</small>		
Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0067 SQ Demolish Gravel/Slag Surfaced, Built Up Roofing System .....	186.57	
For Up To 10, Add	46.13	
For >10 To 25, Add	27.68	
07 51 13 00-0068 SQ Demolish Cap Sheet Surfaced, Built Up Roofing System .....	143.93	
Note: Includes protective surfacing.		
For Up To 10, Add	35.59	
For >10 To 25, Add	21.35	
<b>07 51 13 00-0069 Roofing System Warranty (07 51 13 00-0001)</b>		
Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0070 EA Up To 70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	350.00	
07 51 13 00-0071 SQ >70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	5.00	
07 51 13 00-0072 EA Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	400.00	
07 51 13 00-0073 SQ >50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	8.00	
07 51 13 00-0074 EA Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	550.00	
07 51 13 00-0075 SQ >50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	11.00	
<b>07 51 13 00-0076 Built-Up Roofing Components (Garland) (07 51 13)</b>		
Note: All tasks presented as a single layer. Adhesives are priced separately.		
<b>07 51 13 00-0077 Modified Cap Membranes (07 51 13 00-0076)</b>		
<b>07 51 13 00-0078 Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0077)</b>		
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0079 SQ Stressply® FR Mineral Dual Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane, Minimum 145 Mil .....	313.78	
07 51 13 00-0080 SQ Stressply® Plus Poly/Fiberglass Reinforced, Smooth SBS-Modified Membrane With Recycled Rubber, 105 Mil .....	220.11	
07 51 13 00-0081 SQ Stressply® Plus FR Mineral Poly/Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil .....	272.44	
07 51 13 00-0082 SQ Stressply® E Eco-Responsible, Smooth SBS/SIS Membrane With High Recycled Content And Renewable Materials .....	283.11	
07 51 13 00-0083 SQ Stressply® E FR Mineral Eco-Responsible, SBS/SIS Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil .....	401.78	
07 51 13 00-0084 SQ Stressply® EUV SPF Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 SBS/SIS-Modified Membrane With Recycled Rubber, 160 Mil .....	443.11	
07 51 13 00-0085 SQ Versiply® 80 Dual Fiberglass Reinforced SBS-Modified Membrane, 80 Mil .....	183.83	
Note: Low strength cap sheet for hot or cold modified systems used with gravel.		
07 51 13 00-0086 SQ Versiply® Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Minimum 145 Mil .....	232.44	
07 51 13 00-0087 SQ BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced SBS Modified Membrane, 140 Mil .....	179.11	
<b>07 51 13 00-0088 Modified Cap Membranes, Self-Adhering (07 51 13 00-0077)</b>		
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0089 SQ Stressply® SA FR Mineral SBS-Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil .....	278.11	
Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
<b>07 51 13 00-0090 Modified Cap Membranes, Torch-Applied (07 51 13 00-0077)</b>		
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0091 SQ Stressply® IV Dual Fiberglass Reinforced, Smooth SBS-Modified Membrane, Torch Applied, 180 Mil .....	343.11	
Note: Smooth surfaced SBS torch modified top ply of torch system with gravel.		
07 51 13 00-0092 SQ Stressply® IV Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Torch Applied, Minimum 195 Mil .....	372.44	
07 51 13 00-0093 SQ Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface SBS-Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil .....	393.78	
<b>07 51 13 00-0094 Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0077)</b>		
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0095 SQ Millennium® Poly/Fiberglass Reinforced, Smooth SBS-Modified Coal Tar Membrane, Minimum 120 Mil .....	315.64	
07 51 13 00-0096 SQ Millennium® FR Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil .....	499.11	
07 51 13 00-0097 SQ Millennium® Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Membrane, Minimum 160 Mil .....	407.11	
<b>07 51 13 00-0098 Base Plys (07 51 13 00-0076)</b>		
Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		
07 51 13 00-0099 SQ Flexbase® 120 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil .....	299.11	
07 51 13 00-0100 SQ Flexbase® 80 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil .....	176.11	
07 51 13 00-0101 SQ HPR® Aqua Shield Styrene-Butadiene Rubber (SBR)-Modified Fiberglass Reinforced Self-Adhering Underlayment For Ice And Water Protection, 60 Mil .....	111.33	
07 51 13 00-0102 SQ HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil .....	40.50	
Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0103 SQ HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil .....	27.03	
Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0104 SQ HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil .....	61.83	
07 51 13 00-0105 SQ HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil .....	35.83	
07 51 13 00-0106 SQ HPR® Tribase Premium Poly/Fiberglass Reinforced SBS-Modified Base Sheet, 60 Mil .....	108.64	
Note: Inner plies for cold applied modified, SBS modified, or 2 plies under cap sheet.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0107 SQ Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	180.31	
07 51 13 00-0108 SQ HPR® SA FR Base Sheet SBS Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil..... Note: Self adhering base ply for self adhering 2 ply system.	155.11	
07 51 13 00-0109 SQ HPR® Torch Base Sheet Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply For Torch Applied Membranes, 110 Mil..... Note: Torch base sheet used as base ply for torch applied system.	210.11	
07 51 13 00-0110 SQ StressBase® 120 Fiberglass Reinforced SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	156.83	
07 51 13 00-0111 SQ StressBase® 80 Fiberglass Reinforced, Smooth SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	130.50	
07 51 13 00-0112 LF Garmesh® 6" SBS Coated Woven Fiberglass Reinforcing Fabric.....	2.55	
07 51 13 00-0113 SQ Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	33.93	
07 51 13 00-0114 SQ Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	31.53	
07 51 13 00-0115 LF Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	3.31	
07 51 13 00-0116 LF Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	2.42	
07 51 13 00-0117 LF Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	2.49	
07 51 13 00-0118 SQ 4873 HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	68.53	
<b>07 51 13 00-0119</b> <b>Coatings And Mastics For Roof Installation, Restoration And Repairs</b> <small>(07 51 13 00-0078)</small>		
07 51 13 00-0120 SQ Water Based Roof Primer, GarlaPrime VOC Primer (1 GAL/SQ).....	27.31	
07 51 13 00-0121 SQ All-Knight™ Primer Bleed Blocker For Asphalt And Coal Tar Roofs Used With White-Knight, Garla-Brite And Pyramic Roof Systems (0.5 GAL/SQ).....	38.91	
07 51 13 00-0122 SQ Black-Knight® Primer (0.5 GAL/SQ).....	18.51	
07 51 13 00-0123 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply (1.5-2.0 GAL/SQ).....	72.71	
07 51 13 00-0124 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ).....	176.03	
07 51 13 00-0125 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ).....	280.99	
07 51 13 00-0126 SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply (30 LB/SQ).....	90.89	
07 51 13 00-0127 SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat (70 LB/SQ).....	202.59	
07 51 13 00-0128 SQ Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	82.23	
07 51 13 00-0129 SQ Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration (6 GAL/SQ).....	159.00	
07 51 13 00-0130 SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	202.19	
07 51 13 00-0131 SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration (6 GAL/SQ).....	399.01	
07 51 13 00-0132 SQ Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproofer, Interply (25 LB/SQ).....	72.45	
07 51 13 00-0133 SQ Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproofer, Flood Coat (60 LB/SQ).....	163.59	
07 51 13 00-0134 SQ Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With SBS Sheets Only (2-3 GAL/SQ).....	228.88	
07 51 13 00-0135 SQ Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With SBS Sheets Only (2.0-2.5 GAL/SQ).....	161.03	
07 51 13 00-0136 SQ HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply (25 LB/SQ).....	40.28	
07 51 13 00-0137 SQ HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat (60 LB/SQ).....	86.39	
07 51 13 00-0138 SQ Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel (150 SF/Cartridge).....	71.12	
07 51 13 00-0139 SQ Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers (150 SF/Cartridge).....	70.76	
07 51 13 00-0140 SQ Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products (150-200 SF/GAL)..... Note: Adheres all insulation layers for cold systems.	31.37	
07 51 13 00-0141 SQ Pyramic® White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required (1-1.5 GAL/SQ).....	57.07	
07 51 13 00-0142 SQ Pyramic® Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System, Top Coat Required (1-1.5 GAL/SQ).....	56.51	
07 51 13 00-0143 LF Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh (1 GAL/7 LF).....	9.32	
07 51 13 00-0144 SQ Solex® White, Kynar Acrylic Topcoat Roof Coating Used With Pyramic Base Coat (0.5 GAL/SQ).....	108.51	
07 51 13 00-0145 SQ Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric (2-2.5 GAL/SQ).....	161.37	
07 51 13 00-0146 SQ Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	103.39	
07 51 13 00-0147 SQ Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Restoration (6-8 GAL/SQ).....	145.80	
07 51 13 00-0148 SQ Weatherking® Cold Applied Rubber Modified Asphalt Interply Adhesive For Slopes Up To 3:12, Interply (2.5 GAL/SQ).....	63.03	
07 51 13 00-0149 SQ Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System (2-3 GAL/SQ).....	152.97	
07 51 13 00-0150 SQ Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply (2.5 GAL/SQ)..... Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	62.53	

07 52 Modified Bituminous Membrane Roofing (07 50)

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing (07 52)**

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

**07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)****07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13 11)**

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

**07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)**

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied.....	88.20
		<i>For Up To 10, Add</i>	9.68
		<i>For &gt;10 To 25, Add</i>	7.92
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	106.84
		<i>For Up To 10, Add</i>	10.61
		<i>For &gt;10 To 25, Add</i>	8.86
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	178.80
		<i>For Up To 10, Add</i>	14.21
		<i>For &gt;10 To 25, Add</i>	12.45
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	180.48
		<i>For Up To 10, Add</i>	14.80
		<i>For &gt;10 To 25, Add</i>	12.87
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	121.02
		<i>For Up To 10, Add</i>	11.82
		<i>For &gt;10 To 25, Add</i>	9.90
		<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	139.87
		<i>For Up To 10, Add</i>	12.77
		<i>For &gt;10 To 25, Add</i>	10.84
		<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	191.22
		<i>For Up To 10, Add</i>	15.33
		<i>For &gt;10 To 25, Add</i>	13.41
		<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37

**07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)**

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied.....	3.70
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied.....	3.81
		<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52

**07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)****07 52 13 13-0001 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13 13)**

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

**07 52 13 13-0002 Torch-Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)**

07 52 13 13-0003	SQ	80 Mil, APP Modified Bitumen Base Sheet, Torch-Applied.....	59.90
		<i>For Up To 10, Add</i>	6.95
		<i>For &gt;10 To 25, Add</i>	5.63
07 52 13 13-0004	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	78.54
		<i>For Up To 10, Add</i>	7.88
		<i>For &gt;10 To 25, Add</i>	6.56
07 52 13 13-0005	SQ	150 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	87.29
		<i>For Up To 10, Add</i>	8.32
		<i>For &gt;10 To 25, Add</i>	7.00
07 52 13 13-0006	SQ	160 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	92.06
		<i>For Up To 10, Add</i>	8.56
		<i>For &gt;10 To 25, Add</i>	7.24
07 52 13 13-0007	SQ	180 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	130.77
		<i>For Up To 10, Add</i>	10.49
		<i>For &gt;10 To 25, Add</i>	9.17
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	88.09
		<i>For Up To 10, Add</i>	8.60
		<i>For &gt;10 To 25, Add</i>	7.20
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	94.05
		<i>For Up To 10, Add</i>	8.89
		<i>For &gt;10 To 25, Add</i>	7.50
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	131.57
		<i>For Up To 10, Add</i>	10.77
		<i>For &gt;10 To 25, Add</i>	9.37





<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Membrane Roofing</b>		<b>07 50</b>
<b>Modified Bituminous Membrane Roofing</b>		<b>07 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0011 SQ 160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied .....	91.84	
For Up To 10, Add	8.78	
For >10 To 25, Add	7.39	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0012 SQ 170 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied .....	97.63	
For Up To 10, Add	9.07	
For >10 To 25, Add	7.68	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0013 SQ 160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	111.82	
For Up To 10, Add	9.78	
For >10 To 25, Add	8.39	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0014 SQ 170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	113.55	
For Up To 10, Add	9.87	
For >10 To 25, Add	8.47	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0015 SQ 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	162.04	
For Up To 10, Add	12.29	
For >10 To 25, Add	10.90	
For Factory Applied White Reflective Surfacing, Add	52.37	
<b>07 52 13 13-0016 Torch-Applied, APP Modified Bitumen Roofing Flashing (07 52 13 13-0001)</b>		
07 52 13 13-0017 SF 150 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied .....	1.54	
07 52 13 13-0018 SF 160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied .....	1.60	
07 52 13 13-0019 SF 180 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied .....	1.97	
07 52 13 13-0020 SF 170 Mil, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.64	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 13 13-0021 SF 170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.79	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 13 13-0022 SF 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.28	
For Factory Applied White Reflective Surfacing, Add	0.52	
<b>07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)</b>		
07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13 14)		
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 13 14-0002 Mechanically Fastened, APP Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)		
07 52 13 14-0003 SQ 90 Mil, APP Modified Bitumen Base Or Ply Sheet, Mechanically Fastened .....	92.66	
For Up To 10, Add	7.27	
For >10 To 25, Add	6.39	
<b>07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52)</b>		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.		
<b>07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)</b>		
07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 11)		
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07 52 16 11-0002 Cold Adhesive Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)		
07 52 16 11-0003 SQ 50 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	69.96	
For Up To 10, Add	8.77	
For >10 To 25, Add	7.01	
07 52 16 11-0004 SQ 80 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	90.65	
For Up To 10, Add	9.80	
For >10 To 25, Add	8.05	
07 52 16 11-0005 SQ 90 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	93.32	
For Up To 10, Add	9.94	
For >10 To 25, Add	8.18	
07 52 16 11-0006 SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied .....	126.32	
For Up To 10, Add	11.59	
For >10 To 25, Add	9.83	
07 52 16 11-0007 SQ 125 Mil, SBS Modified Bitumen Ply Sheet, Cold Adhesive Applied .....	159.72	
For Up To 10, Add	13.26	
For >10 To 25, Add	11.50	
07 52 16 11-0008 SQ 140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	133.71	
For Up To 10, Add	12.46	
For >10 To 25, Add	10.53	
07 52 16 11-0009 SQ 150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	137.30	
For Up To 10, Add	12.64	
For >10 To 25, Add	10.71	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	120.48	
			<i>For Up To 10, Add</i>	11.80	
			<i>For &gt;10 To 25, Add</i>	9.87	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	122.03	
			<i>For Up To 10, Add</i>	11.87	
			<i>For &gt;10 To 25, Add</i>	9.95	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	136.35	
			<i>For Up To 10, Add</i>	12.59	
			<i>For &gt;10 To 25, Add</i>	10.67	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	138.73	
			<i>For Up To 10, Add</i>	12.71	
			<i>For &gt;10 To 25, Add</i>	10.78	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	159.61	
			<i>For Up To 10, Add</i>	13.75	
			<i>For &gt;10 To 25, Add</i>	11.83	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	197.64	
			<i>For Up To 10, Add</i>	15.65	
			<i>For &gt;10 To 25, Add</i>	13.73	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	123.07	
			<i>For Up To 10, Add</i>	11.93	
			<i>For &gt;10 To 25, Add</i>	10.00	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	126.81	
			<i>For Up To 10, Add</i>	12.11	
			<i>For &gt;10 To 25, Add</i>	10.19	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	147.08	
			<i>For Up To 10, Add</i>	13.13	
			<i>For &gt;10 To 25, Add</i>	11.20	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	147.56	
			<i>For Up To 10, Add</i>	13.15	
			<i>For &gt;10 To 25, Add</i>	11.23	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	156.63	
			<i>For Up To 10, Add</i>	13.60	
			<i>For &gt;10 To 25, Add</i>	11.68	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
<b>07 52 16 11-0021</b>			<b>Cold Adhesive Applied, SBS Modified Bitumen Roofing Flashing (07 52 16 11-0001)</b>		
07 52 16 11-0022	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.27	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.10	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.12	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.29	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.49	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.87	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.13	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0029	SF		140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.17	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0030	SF		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.37	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0031	SF		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.46	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0032	SF		145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	4.21	
07 52 16 11-0033	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	6.89	
<b>07 52 16 12</b>			<b>Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)</b>		
07 52 16 12-0001			Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 12) Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002			Hot-Mopped, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 12-0001)		
07 52 16 12-0003	SQ		50 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped.....	57.91	
			<i>For Up To 10, Add</i>	8.17	
			<i>For &gt;10 To 25, Add</i>	6.41	



<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Membrane Roofing</b>		<b>07 50</b>
<b>Modified Bituminous Membrane Roofing</b>		<b>07 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0004 SQ 80 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped .....	78.60	
For Up To 10, Add	9.20	
For >10 To 25, Add	7.44	
07 52 16 12-0005 SQ 90 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped .....	81.27	
For Up To 10, Add	9.33	
For >10 To 25, Add	7.58	
07 52 16 12-0006 SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Hot-Mopped .....	114.27	
For Up To 10, Add	10.98	
For >10 To 25, Add	9.23	
07 52 16 12-0007 SQ 125 Mil, SBS Modified Bitumen Ply Sheet, Hot-Mopped .....	147.67	
For Up To 10, Add	12.65	
For >10 To 25, Add	10.90	
07 52 16 12-0008 SQ 140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	121.70	
For Up To 10, Add	11.86	
For >10 To 25, Add	9.93	
07 52 16 12-0009 SQ 150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	125.30	
For Up To 10, Add	12.04	
For >10 To 25, Add	10.11	
07 52 16 12-0010 SQ 125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	108.48	
For Up To 10, Add	11.20	
For >10 To 25, Add	9.27	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0011 SQ 140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	110.03	
For Up To 10, Add	11.27	
For >10 To 25, Add	9.35	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0012 SQ 150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	124.34	
For Up To 10, Add	11.99	
For >10 To 25, Add	10.07	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0013 SQ 160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	126.73	
For Up To 10, Add	12.11	
For >10 To 25, Add	10.18	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0014 SQ 170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	147.60	
For Up To 10, Add	13.15	
For >10 To 25, Add	11.23	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0015 SQ 180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	185.63	
For Up To 10, Add	15.05	
For >10 To 25, Add	13.13	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0016 SQ 125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	111.06	
For Up To 10, Add	11.33	
For >10 To 25, Add	9.40	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0017 SQ 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	114.80	
For Up To 10, Add	11.51	
For >10 To 25, Add	9.59	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0018 SQ 150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	135.08	
For Up To 10, Add	12.53	
For >10 To 25, Add	10.60	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0019 SQ 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	135.55	
For Up To 10, Add	12.55	
For >10 To 25, Add	10.63	
For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 16 12-0020 SQ 170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped .....	144.62	
For Up To 10, Add	13.00	
For >10 To 25, Add	11.08	
For Factory Applied White Reflective Surfacing, Add	52.37	
<b>07 52 16 12-0021 Hot-Mopped, SBS Modified Bitumen Roofing Flashing (07 52 16 12-0001)</b>		
07 52 16 12-0022 SF 150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.17	
07 52 16 12-0023 SF 125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.00	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0024 SF 140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.02	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0025 SF 150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.16	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0026 SF 160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.18	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0027 SF 170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.39	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0028 SF 180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.77	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0029 SF 125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.03	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0030 SF 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.06	
For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 16 12-0031 SF 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	2.23	
For Factory Applied White Reflective Surfacing, Add	0.52	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0032	SF		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped.....	2.36	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0033	SF		145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped .....	3.10	
07 52 16 12-0034	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped.....	5.79	
<b>07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)</b>					
<b>07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 13)</b>					
Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.					
<b>07 52 16 13-0002 Torch-Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 13-0001)</b>					
07 52 16 13-0003	SQ		120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	103.99	
			<i>For Up To 10, Add</i>	9.15	
			<i>For &gt;10 To 25, Add</i>	7.84	
07 52 16 13-0004	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied .....	93.22	
			<i>For Up To 10, Add</i>	8.85	
			<i>For &gt;10 To 25, Add</i>	7.46	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0005	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied .....	106.81	
			<i>For Up To 10, Add</i>	9.53	
			<i>For &gt;10 To 25, Add</i>	8.13	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied .....	168.46	
			<i>For Up To 10, Add</i>	12.61	
			<i>For &gt;10 To 25, Add</i>	11.22	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied.....	97.10	
			<i>For Up To 10, Add</i>	9.05	
			<i>For &gt;10 To 25, Add</i>	7.65	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied.....	113.14	
			<i>For Up To 10, Add</i>	9.85	
			<i>For &gt;10 To 25, Add</i>	8.45	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied.....	118.21	
			<i>For Up To 10, Add</i>	10.10	
			<i>For &gt;10 To 25, Add</i>	8.70	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied.....	155.63	
			<i>For Up To 10, Add</i>	11.97	
			<i>For &gt;10 To 25, Add</i>	10.58	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
<b>07 52 16 13-0011 Torch-Applied, SBS Modified Bitumen Roofing Flashing (07 52 16 13-0001)</b>					
07 52 16 13-0012	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Torch-Applied .....	1.74	
07 52 16 13-0013	SF		150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	1.73	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0014	SF		180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.34	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0015	SF		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied .....	1.80	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0016	SF		165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied .....	1.84	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0017	SF		180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied .....	2.22	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0018	SF		150 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.30	
07 52 16 13-0019	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	5.36	
<b>07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)</b>					
<b>07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 14)</b>					
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.					
<b>07 52 16 14-0002 Mechanically Fastened, SBS Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)</b>					
07 52 16 14-0003	SQ		35 Mil, SBS Modified Bitumen Ply Sheet, Mechanically Fastened.....	72.10	
			<i>For Up To 10, Add</i>	6.24	
			<i>For &gt;10 To 25, Add</i>	5.36	
07 52 16 14-0004	SQ		50 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened.....	55.78	
			<i>For Up To 10, Add</i>	5.42	
			<i>For &gt;10 To 25, Add</i>	4.55	
07 52 16 14-0005	SQ		80 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened.....	71.85	
			<i>For Up To 10, Add</i>	6.23	
			<i>For &gt;10 To 25, Add</i>	5.35	



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Membrane Roofing</b>	<b>07 50</b>
<b>Modified Bituminous Membrane Roofing</b>	<b>07 52</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 14-0006	SQ		90 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened .....	89.60	
			<i>For Up To 10, Add</i>	7.11	
			<i>For &gt;10 To 25, Add</i>	6.24	
07 52 16 14-0007	SQ		120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Mechanically Fastened .....	112.14	
			<i>For Up To 10, Add</i>	8.24	
			<i>For &gt;10 To 25, Add</i>	7.36	
<b>07 52 16 14-0008</b>			<b>Mechanically Fastened, SBS Modified Bitumen Roofing Flashing</b> (07 52 16 14-0001)		
07 52 16 14-0009	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened.....	1.48	
07 52 16 14-0010	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened .....	1.51	
<b>07 52 16 15</b>			<b>Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> (07 52 16)		
07 52 16 15-0001			<b>Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> (07 52 16 15)		
			Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002			<b>Self-Adhering, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets</b> (07 52 16 15-0001)		
07 52 16 15-0003	SQ		60 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering .....	58.33	
			<i>For Up To 10, Add</i>	6.08	
			<i>For &gt;10 To 25, Add</i>	5.02	
07 52 16 15-0004	SQ		70 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering .....	61.71	
			<i>For Up To 10, Add</i>	6.25	
			<i>For &gt;10 To 25, Add</i>	5.19	
07 52 16 15-0005	SQ		120 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering .....	103.17	
			<i>For Up To 10, Add</i>	8.56	
			<i>For &gt;10 To 25, Add</i>	7.42	
07 52 16 15-0006	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering.....	122.99	
			<i>For Up To 10, Add</i>	9.55	
			<i>For &gt;10 To 25, Add</i>	8.42	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 15-0007	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering.....	181.44	
			<i>For Up To 10, Add</i>	12.47	
			<i>For &gt;10 To 25, Add</i>	11.34	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 15-0008			<b>Self-Adhering, SBS Modified Bitumen Roofing Flashing</b> (07 52 16 15-0001)		
07 52 16 15-0009	SF		70 Mil, SBS Modified Bitumen Flashing, Self-Adhering .....	1.72	
07 52 16 15-0010	SF		150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering .....	1.92	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 15-0011	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering .....	2.50	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
<b>07 53</b>			<b>Elastomeric Membrane Roofing</b> (07 50)		
			Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
<b>07 53 16</b>			<b>Chlorosulfonate-Polyethylene Roofing</b> (07 53)		
07 53 16 00-0001			<b>Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes</b> (07 53 16)		
			Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ		45 Mil, Single Ply CSPE Roofing Membrane, Fully Adhered.....	237.27	42.64
			Note: Includes adhesive.		
			<i>For Up To 10, Add</i>	37.17	
			<i>For &gt;10 To 25, Add</i>	28.73	
			<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0003	SQ		45 Mil, Single Ply CSPE Roofing Membrane, Ballasted .....	169.19	21.33
			Note: Includes ballast.		
			<i>For Up To 10, Add</i>	21.11	
			<i>For &gt;10 To 25, Add</i>	16.89	
			<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0004	SQ		45 Mil, Single Ply CSPE Roofing Membrane, Mechanically Fastened.....	182.65	31.98
			Note: Includes fasteners.		
			<i>For Up To 10, Add</i>	28.11	
			<i>For &gt;10 To 25, Add</i>	21.78	
			<i>For 15 Year Warranty, Add</i>	3.00	
<b>07 53 23</b>			<b>Ethylene-Propylene-Diene-Monomer Roofing</b> (07 53)		
07 53 23 00-0001			<b>Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes</b> (07 53 23)		
			Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).		

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0002	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	127.90	21.33
			Note: Includes ballast.		
			For Up To 10, Add	19.05	
			For >10 To 25, Add	14.83	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	144.00	22.65
			Note: Includes ballast.		
			For Up To 10, Add	20.64	
			For >10 To 25, Add	16.16	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	216.47	23.98
			Note: Includes ballast.		
			For Up To 10, Add	25.06	
			For >10 To 25, Add	20.31	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	151.29	31.98
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	26.54	
			For >10 To 25, Add	20.22	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.21	
			For Low VOC Adhesive, Add	18.80	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	58.70	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	167.40	33.32
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	28.14	
			For >10 To 25, Add	21.55	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Low VOC Adhesive, Add	18.80	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	64.87	
07 53 23 00-0007	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	239.86	34.65
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	32.55	
			For >10 To 25, Add	25.70	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Low VOC Adhesive, Add	18.80	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	71.60	
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered .....	199.83	42.64
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	35.30	
			For >10 To 25, Add	26.86	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For Low VOC Adhesive, Add	46.99	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	58.70	
07 53 23 00-0009	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered .....	215.92	43.98
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	36.89	
			For >10 To 25, Add	28.19	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For Low VOC Adhesive, Add	46.99	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	64.87	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0010 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	288.39	45.31
Note: Includes adhesive and fasteners.		
For Up To 10, Add	41.31	
For >10 To 25, Add	32.34	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Low Slope Fire Rated, Add	4.21	
For Low VOC Adhesive, Add	46.99	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
For Integral Polyester Fleece-Backing, Add	71.60	
07 53 23 00-0011 SQ 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	141.24	31.98
Note: Includes fasteners.		
For Up To 10, Add	26.04	
For >10 To 25, Add	19.71	
For 15 Year Warranty, Add	3.00	
For Low Slope Fire Rated, Add	4.21	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
07 53 23 00-0012 SQ 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	157.35	33.32
Note: Includes fasteners.		
For Up To 10, Add	27.64	
For >10 To 25, Add	21.05	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Low Slope Fire Rated, Add	4.21	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
07 53 23 00-0013 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	229.81	34.65
Note: Includes fasteners.		
For Up To 10, Add	32.05	
For >10 To 25, Add	25.20	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Low Slope Fire Rated, Add	4.21	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
<b>07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane</b>		
<b>Accessories (07 53 23)</b>		
07 53 23 00-0015 SQ Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat.....	35.28	
For Up To 10, Add	4.93	
For >10 To 25, Add	3.87	
07 53 23 00-0016 SQ Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price		
Per Coat .....	36.51	
Note: 55% solids by volume.		
For Up To 10, Add	4.99	
For >10 To 25, Add	3.93	
07 53 23 00-0017 EA Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	22.08	5.07
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018 EA >4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	31.80	5.07
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019 EA >8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	59.84	5.07
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020 EA 6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket .....	79.42	5.60
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021 LF 30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad .....	17.24	3.09
Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing.....	3.23	0.80
07 53 23 00-0023 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing .....	4.02	1.20
<b>07 53 29 Polyisobutylene Roofing (07 53)</b>		
<b>07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)</b>		
Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002 SQ 100 Mil, Single Ply PIB Roofing Membrane, Ballasted .....	257.64	23.98
Note: Includes ballast.		
For Up To 10, Add	27.12	
For >10 To 25, Add	22.37	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
07 53 29 00-0003 SQ 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) .....	287.05	34.65
Note: Includes adhesive.		
For Up To 10, Add	34.91	
For >10 To 25, Add	28.06	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0004	SQ		100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered .....	344.63	45.31
			Note: Includes adhesive.		
			For Up To 10, Add	44.12	
			For >10 To 25, Add	35.16	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
<b>07 54</b>			<b>Thermoplastic Membrane Roofing</b> <sup>(07 50)</sup>		
			Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
<b>07 54 19</b>			<b>Polyvinyl-Chloride Roofing</b> <sup>(07 54)</sup>		
<b>07 54 19 00-0001</b>			<b>Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes</b> <sup>(07 54 19)</sup>		
			Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0002	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	162.05	21.33
			Note: Includes ballast.		
			For Up To 10, Add	20.75	
			For >10 To 25, Add	16.54	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0003	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	186.00	22.65
			Note: Includes ballast.		
			For Up To 10, Add	22.74	
			For >10 To 25, Add	18.26	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0004	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	214.54	23.32
			Note: Includes ballast.		
			For Up To 10, Add	24.57	
			For >10 To 25, Add	19.95	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0005	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	227.70	23.98
			Note: Includes ballast.		
			For Up To 10, Add	25.62	
			For >10 To 25, Add	20.88	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0006	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	216.80	42.64
			Note: Includes adhesive.		
			For Up To 10, Add	36.15	
			For >10 To 25, Add	27.71	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	33.61	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0007	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	240.75	43.98
			Note: Includes adhesive.		
			For Up To 10, Add	38.13	
			For >10 To 25, Add	29.43	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	33.61	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	269.28	44.64
			Note: Includes adhesive.		
			For Up To 10, Add	39.95	
			For >10 To 25, Add	31.12	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	33.61	
			For Integral Polyester Fleece-Backing, Add	40.70	





<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Membrane Roofing</b>	<b>07 50</b>
<b>Thermoplastic Membrane Roofing</b>	<b>07 54</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0009 SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	282.44	45.31
Note: Includes adhesive.		
For Up To 10, Add	41.01	
For >10 To 25, Add	32.05	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Colors, Add	26.00	
For Low VOC Adhesive, Add	33.61	
For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0010 SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....	171.41	31.98
Note: Includes fasteners.		
For Up To 10, Add	27.55	
For >10 To 25, Add	21.22	
For 15 Year Warranty, Add	3.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0011 SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....	195.36	33.32
Note: Includes fasteners.		
For Up To 10, Add	29.54	
For >10 To 25, Add	22.95	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0012 SQ 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....	223.88	33.99
Note: Includes fasteners.		
For Up To 10, Add	31.36	
For >10 To 25, Add	24.64	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0013 SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....	237.05	34.65
Note: Includes fasteners.		
For Up To 10, Add	32.41	
For >10 To 25, Add	25.56	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	6.00	
For 25 Year Warranty, Add	8.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	40.70	
<b>07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)</b>		
07 54 19 00-0015 SQ Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat .....	35.28	
For Up To 10, Add	4.93	
For >10 To 25, Add	3.87	
07 54 19 00-0016 SQ Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	36.51	
Note: 55% solids by volume.		
For Up To 10, Add	4.99	
For >10 To 25, Add	3.93	
07 54 19 00-0017 EA Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	36.92	4.53
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018 EA >3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	51.94	5.07
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019 EA >7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	66.51	5.60
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020 EA 6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket .....	84.75	5.60
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021 LF 36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad .....	14.73	3.09
07 54 19 00-0022 SF Polyvinyl Chloride (PVC) Membrane Base Flashing.....	3.87	0.80
07 54 19 00-0023 SF Polyvinyl Chloride (PVC) Membrane Curb Flashing .....	4.66	1.20
07 54 19 00-0024 SF Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	5.28	0.80
Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
<b>07 54 23 Thermoplastic-Polyolefin Roofing (07 54)</b>		
<b>07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)</b>		
Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002 SQ 45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered .....	192.59	42.64
Note: Includes adhesive.		
For Up To 10, Add	34.93	
For >10 To 25, Add	26.50	
For 15 Year Warranty, Add	3.00	
For Low VOC Adhesive, Add	46.99	
For Integral Polyester Fleece-Backing, Add	33.25	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0003	SQ		60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	205.85	43.98
			Note: Includes adhesive.		
			For Up To 10, Add	36.39	
			For >10 To 25, Add	27.69	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low VOC Adhesive, Add	46.99	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ		80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	262.96	45.31
			Note: Includes adhesive.		
			For Up To 10, Add	40.03	
			For >10 To 25, Add	31.07	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low VOC Adhesive, Add	46.99	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0005	SQ		45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	130.02	31.98
			Note: Includes fasteners.		
			For Up To 10, Add	25.48	
			For >10 To 25, Add	19.15	
			For 15 Year Warranty, Add	3.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0006	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	143.29	33.32
			Note: Includes fasteners.		
			For Up To 10, Add	26.93	
			For >10 To 25, Add	20.34	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0007	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	200.39	34.65
			Note: Includes fasteners.		
			For Up To 10, Add	30.58	
			For >10 To 25, Add	23.73	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
<b>07 54 23 00-0008</b>			<b>Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)</b>		
07 54 23 00-0009	SQ		Acrylic, TPO Roofing Primer, Price Per Coat.....	42.05	
			For Up To 10, Add	5.26	
			For >10 To 25, Add	4.21	
07 54 23 00-0010	SQ		Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat.....	36.51	
			Note: 55% solids by volume.		
			For Up To 10, Add	4.99	
			For >10 To 25, Add	3.93	
			For Tan Or Gray Color, Add	1.29	
07 54 23 00-0011	EA		Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot.....	31.75	4.53
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0012	EA		>3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot.....	34.26	5.07
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0013	EA		6" Diameter, Prefabricated TPO Penetration Pocket.....	63.22	5.60
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 23 00-0014	LF		30" Wide, TPO Walkway Protection Pad.....	14.54	3.09
07 54 23 00-0015	SF		TPO Membrane Base Flashing.....	4.04	0.80
07 54 23 00-0016	SF		TPO Curb Flashing.....	3.43	0.80
			For Tan Or Gray Color, Add	0.05	
07 54 23 00-0017	SF		TPO Clad Edge Metal Or Base Flashing.....	5.99	0.80
			Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		
<b>07 56 Fluid-Applied Roofing (07 50)</b>					
<b>07 56 00 00-0001</b>			<b>Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)</b>		
07 56 00 00-0002	SQ		60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing.....	640.23	71.09
			For Each Additional Coat, Add	96.03	
<b>07 56 00 00-0003</b>			<b>Vinyl Spray Liquid Roofing (07 56)</b>		
07 56 00 00-0004	SQ		2 Mil Vinyl Liquid Roofing.....	588.33	74.92
07 56 00 00-0005	SQ		4 Mil Vinyl Liquid Roofing.....	658.37	83.66
<b>07 56 00 00-0006</b>			<b>Silicone Elastomeric Liquid Roofing (07 56)</b>		
07 56 00 00-0007	SQ		65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	221.37	42.93
07 56 00 00-0008	SQ		65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	262.99	42.93
07 56 00 00-0009	SQ		65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	294.28	42.93



<b>Thermal And Moisture Protection</b>			<b>07</b>
<b>Membrane Roofing</b>			<b>07 50</b>
<b>Fluid-Applied Roofing</b>			<b>07 56</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 56 00 00-0010</b> <b>Elastomeric Asphalt/Urethane Liquid Roofing Membrane</b> <small>(07 56)</small>		
07 56 00 00-0011    SQ    90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....	646.54	42.93
Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.		
<b>07 56 00 00-0012</b> <b>Urethane Liquid Roofing Membrane</b> <small>(07 56)</small>		
Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0013    SQ    Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	42.01	
07 56 00 00-0014    LF    Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	2.49	
07 56 00 00-0015    SQ    White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	197.23	
07 56 00 00-0016    SQ    White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System (0.25 GAL/SQ).....	40.69	
07 56 00 00-0017    SQ    White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	234.43	
07 56 00 00-0018    SQ    White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (0.5 GAL/SQ).....	64.11	
07 56 00 00-0019    SQ    White-Knight® WC Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	247.23	
07 56 00 00-0020    SQ    White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	240.03	
<b>07 57    Coated Foamed Roofing</b> <small>(07 50)</small>		
<b>07 57 13    Sprayed Polyurethane Foam Roofing</b> <small>(07 57)</small>		
Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.		
07 57 13 00-0001 <b>Sprayed Polyurethane Foam Roofing Systems</b> <small>(07 57 13)</small>		
07 57 13 00-0002 <b>Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating</b> <small>(07 57 13 00-0001)</small>		
07 57 13 00-0003 <b>Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating</b> <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004    SQ    1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	211.76	25.99
07 57 13 00-0005    SQ    2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	304.25	29.70
07 57 13 00-0006    SQ    3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	406.36	33.41
07 57 13 00-0007    SQ    4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	489.21	37.13
07 57 13 00-0008    SQ    5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	581.69	40.85
07 57 13 00-0009    SQ    6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....	674.16	44.56
07 57 13 00-0010 <b>Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating</b> <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0011    SQ    1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	219.25	25.99
07 57 13 00-0012    SQ    2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	311.74	29.70
07 57 13 00-0013    SQ    3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	404.22	33.41
07 57 13 00-0014    SQ    4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	496.70	37.13
07 57 13 00-0015    SQ    5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	589.18	40.85
07 57 13 00-0016    SQ    6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....	681.65	44.56
07 57 13 00-0017 <b>Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating</b> <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0018    SQ    1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	237.44	25.99
07 57 13 00-0019    SQ    2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	326.73	29.70
07 57 13 00-0020    SQ    3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	419.20	33.41

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0021	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	551.71	37.13
07 57 13 00-0022	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	652.33	40.85
07 57 13 00-0023	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	752.94	44.56
07 57 13 00-0024			<b>Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating</b> (07 57 13 00-0001)		
07 57 13 00-0025			<b>Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating</b> (07 57 13 00-0024) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0026	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	242.80	25.99
07 57 13 00-0027	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	343.42	29.70
07 57 13 00-0028	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	444.03	33.41
07 57 13 00-0029	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	544.65	37.13
07 57 13 00-0030	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	645.26	40.85
07 57 13 00-0031	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	745.87	44.56
07 57 13 00-0032			<b>Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating</b> (07 57 13 00-0024) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0033	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	253.39	25.99
07 57 13 00-0034	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	354.02	29.70
07 57 13 00-0035	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	454.63	33.41
07 57 13 00-0036	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	555.24	37.13
07 57 13 00-0037	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	655.86	40.85
07 57 13 00-0038	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	756.47	44.56
07 57 13 00-0039			<b>Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating</b> (07 57 13 00-0024) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0040	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	261.63	25.99
07 57 13 00-0041	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	362.26	29.70
07 57 13 00-0042	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	462.87	33.41
07 57 13 00-0043	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	563.48	37.13
07 57 13 00-0044	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	664.10	40.85
07 57 13 00-0045	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	764.71	44.56
07 58			<b>Roll Roofing</b> (07 50)		
07 58 00 00-0001			<b>Prepared Roll Roofing</b> (07 58) Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.		
07 58 00 00-0002	SQ		Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	107.66	16.71
07 59			<b>Membrane Roofing Accessories</b> (07 50)		
07 59 00 00-0001			<b>Membrane Roofing Accessories</b> (07 59)		
07 59 00 00-0002	LF		Roofing Membrane Termination Bar..... Note: Includes fasteners and caulking.	2.46	0.77

**07 60 Flashing And Sheet Metal** (07)



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Flashing And Sheet Metal</b>	<b>07 60</b>
<b>Membrane Roofing Accessories</b>	<b>07 59</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Includes placement of materials on roof up to 2-1/2 stories.

**07 62 Sheet Metal Flashing And Trim (07 60)**

**07 62 00 00-0001 Lead Flashing And Trim (07 62)**

07 62 00 00-0002	SF	2.5 LB/SF Sheet Lead Flashing .....	15.34	3.07
07 62 00 00-0003	SF	4 LB/SF Sheet Lead Flashing .....	20.14	3.07

**07 62 00 00-0004 Copper Flashing And Trim (07 62)**

**07 62 00 00-0005 Copper Flashing And Trim (07 62 00 00-0004)**

07 62 00 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim .....	13.49	3.00
		<i>For &gt;500 To 2,000, Deduct</i>	-1.87	
		<i>For &gt;2,000, Deduct</i>	-2.25	
		<i>For Copper Valley For Steep Slope Roofing, Add</i>	1.19	
		<i>For Wrap Around Window Panning, Add</i>	5.94	
07 62 00 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim .....	13.95	3.07
		<i>For &gt;500 To 2,000, Deduct</i>	-1.94	
		<i>For &gt;2,000, Deduct</i>	-2.32	
		<i>For Copper Valley For Steep Slope Roofing, Add</i>	1.24	
		<i>For Wrap Around Window Panning, Add</i>	6.21	
07 62 00 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim .....	15.79	3.28
		<i>For &gt;500 To 2,000, Deduct</i>	-2.18	
		<i>For &gt;2,000, Deduct</i>	-2.65	
		<i>For Copper Valley For Steep Slope Roofing, Add</i>	1.30	
		<i>For Wrap Around Window Panning, Add</i>	6.51	
07 62 00 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim .....	19.21	3.42
		<i>For &gt;500 To 2,000, Deduct</i>	-2.63	
		<i>For &gt;2,000, Deduct</i>	-3.25	
		<i>For Copper Valley For Steep Slope Roofing, Add</i>	1.37	
		<i>For Wrap Around Window Panning, Add</i>	6.83	

**07 62 00 00-0010 Stainless Steel Flashing And Trim (07 62)**

**07 62 00 00-0011 Stainless Steel Flashing And Trim (07 62 00 00-0010)**

07 62 00 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim .....	6.68	1.64
		<i>For Wrap Around Window Panning, Add</i>	4.21	
		<i>For Mechanically Keyed Flashing, Add</i>	0.99	
07 62 00 00-0013	SF	28 Gauge, 0.015" Thick, Stainless Steel Flashing And Trim .....	7.91	1.92
		<i>For Wrap Around Window Panning, Add</i>	4.21	
		<i>For Mechanically Keyed Flashing, Add</i>	1.48	
07 62 00 00-0014	SF	26 Gauge, 0.018" Thick, Stainless Steel Flashing And Trim .....	9.12	2.26
		<i>For Wrap Around Window Panning, Add</i>	4.50	
		<i>For Mechanically Keyed Flashing, Add</i>	1.85	
07 62 00 00-0015	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim .....	10.91	2.39
		<i>For Wrap Around Window Panning, Add</i>	4.75	
		<i>For Mechanically Keyed Flashing, Add</i>	2.46	

**07 62 00 00-0016 Stainless Steel Drip Edge (07 62 00 00-0010)**

Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

**07 62 00 00-0017 26 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)**

07 62 00 00-0018	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge .....	4.04	0.55
07 62 00 00-0019	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge .....	5.01	0.55
07 62 00 00-0020	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge .....	5.74	0.55
07 62 00 00-0021	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge .....	6.95	0.55
07 62 00 00-0022	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge .....	8.90	0.55

**07 62 00 00-0023 24 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)**

07 62 00 00-0024	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge .....	4.95	0.55
07 62 00 00-0025	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge .....	6.23	0.55
07 62 00 00-0026	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge .....	7.20	0.55
07 62 00 00-0027	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge .....	8.79	0.55
07 62 00 00-0028	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge .....	11.34	0.55

**07 62 00 00-0029 22 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)**

07 62 00 00-0030	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge .....	6.03	0.55
07 62 00 00-0031	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge .....	7.67	0.55
07 62 00 00-0032	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge .....	8.90	0.55
07 62 00 00-0033	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge .....	10.95	0.55
07 62 00 00-0034	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge .....	14.22	0.55

**07 62 00 00-0035 Aluminum Flashing And Trim (07 62)**

**07 62 00 00-0036 Aluminum Flashing And Trim (07 62 00 00-0035)**

07 62 00 00-0037	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim .....	6.82	2.12
		<i>For Baked Aluminum Colors, Add</i>	0.21	
		<i>For Wrap Around Window Panning, Add</i>	4.71	

**07 Thermal And Moisture Protection****07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0038	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim .....	7.28	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.26	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
07 62 00 00-0039	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim .....	7.64	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.29	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
07 62 00 00-0040	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim .....	8.17	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.35	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
07 62 00 00-0041	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim .....	8.91	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.42	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
07 62 00 00-0042	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim .....	9.36	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.47	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
07 62 00 00-0043	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim .....	9.73	2.12
			<i>For Baked Aluminum Colors, Add</i> .....	0.50	
			<i>For Wrap Around Window Panning, Add</i> .....	4.71	
<b>07 62 00 00-0044</b>			<b>Aluminum Drip Edge</b> <small>(07 62 00 00-0035)</small>		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
<b>07 62 00 00-0045</b>			<b>KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0044)</small>		
<b>07 62 00 00-0046</b>			<b>0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0047	LF		Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	2.86	0.55
07 62 00 00-0048	LF		>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.49	0.55
07 62 00 00-0049	LF		>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.86	0.55
07 62 00 00-0050	LF		>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.60	0.55
07 62 00 00-0051	LF		>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.92	0.55
<b>07 62 00 00-0052</b>			<b>0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0053	LF		Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.07	0.55
07 62 00 00-0054	LF		>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.72	0.55
07 62 00 00-0055	LF		>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.21	0.55
07 62 00 00-0056	LF		>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.02	0.55
07 62 00 00-0057	LF		>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.32	0.55
<b>07 62 00 00-0058</b>			<b>0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0059	LF		Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.28	0.55
07 62 00 00-0060	LF		>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.00	0.55
07 62 00 00-0061	LF		>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.54	0.55
07 62 00 00-0062	LF		>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.44	0.55
07 62 00 00-0063	LF		>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.87	0.55
<b>07 62 00 00-0064</b>			<b>0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0065	LF		Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.70	0.55
07 62 00 00-0066	LF		>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.55	0.55
07 62 00 00-0067	LF		>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.20	0.55
07 62 00 00-0068	LF		>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.27	0.55
07 62 00 00-0069	LF		>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	7.99	0.55
<b>07 62 00 00-0070</b>			<b>0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0071	LF		Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	3.83	0.55
07 62 00 00-0072	LF		>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.76	0.55
07 62 00 00-0073	LF		>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.42	0.55
07 62 00 00-0074	LF		>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.55	0.55
07 62 00 00-0075	LF		>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	8.36	0.55
<b>07 62 00 00-0076</b>			<b>0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0077	LF		Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	4.32	0.55
07 62 00 00-0078	LF		>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.39	0.55
07 62 00 00-0079	LF		>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.19	0.55
07 62 00 00-0080	LF		>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	7.52	0.55
07 62 00 00-0081	LF		>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	9.66	0.55
<b>07 62 00 00-0082</b>			<b>0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
07 62 00 00-0083	LF		Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	5.02	0.55
07 62 00 00-0084	LF		>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	6.32	0.55
07 62 00 00-0085	LF		>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	7.29	0.55
07 62 00 00-0086	LF		>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	8.92	0.55
07 62 00 00-0087	LF		>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	11.51	0.55



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 62 00 00-0088</b>				<b>0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0045)</small>		
			LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	5.85	0.55
			LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	7.43	0.55
			LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	8.61	0.55
			LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	10.59	0.55
			LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	13.74	0.55
<b>07 62 00 00-0094</b>				<b>Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0044)</small>		
<b>07 62 00 00-0095</b>				<b>0.016" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	2.32	0.55
			LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	2.75	0.55
			LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	3.01	0.55
			LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	3.52	0.55
			LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	4.43	0.55
<b>07 62 00 00-0101</b>				<b>0.019" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	2.46	0.55
			LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	2.91	0.55
			LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	3.25	0.55
			LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	3.81	0.55
			LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	4.70	0.55
<b>07 62 00 00-0107</b>				<b>0.025" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	2.61	0.55
			LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	3.10	0.55
			LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	3.48	0.55
			LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	4.10	0.55
			LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	5.09	0.55
<b>07 62 00 00-0113</b>				<b>0.032" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	2.90	0.55
			LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	3.49	0.55
			LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	3.94	0.55
			LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	4.67	0.55
			LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	5.86	0.55
<b>07 62 00 00-0119</b>				<b>0.040" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	2.99	0.55
			LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	3.63	0.55
			LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	4.09	0.55
			LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	4.86	0.55
			LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	6.11	0.55
<b>07 62 00 00-0125</b>				<b>0.050" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	3.33	0.55
			LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	4.06	0.55
			LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	4.62	0.55
			LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	5.54	0.55
			LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	7.01	0.55
<b>07 62 00 00-0131</b>				<b>0.063" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	3.81	0.55
			LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	4.70	0.55
			LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	5.38	0.55
			LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	6.50	0.55
			LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	8.29	0.55
<b>07 62 00 00-0137</b>				<b>0.080" Thick, Mill Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0094)</small>		
			LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	4.38	0.55
			LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	5.47	0.55
			LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	6.29	0.55
			LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	7.65	0.55
			LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	9.82	0.55
<b>07 62 00 00-0143</b>				<b>Clear Anodized Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0044)</small>		
<b>07 62 00 00-0144</b>				<b>0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> <small>(07 62 00 00-0143)</small>		
			LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	2.96	0.55
			LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.63	0.55

**07 Thermal And Moisture Protection****07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0147 LF >7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.02	0.55
07 62 00 00-0148 LF >9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.81	0.55
07 62 00 00-0149 LF >12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.21	0.55
<b>07 62 00 00-0150 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0151 LF Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.19	0.55
07 62 00 00-0152 LF >5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.87	0.55
07 62 00 00-0153 LF >7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.39	0.55
07 62 00 00-0154 LF >9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.25	0.55
07 62 00 00-0155 LF >12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.63	0.55
<b>07 62 00 00-0156 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0157 LF Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.41	0.55
07 62 00 00-0158 LF >5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.17	0.55
07 62 00 00-0159 LF >7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.75	0.55
07 62 00 00-0160 LF >9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.69	0.55
07 62 00 00-0161 LF >12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.22	0.55
<b>07 62 00 00-0162 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0163 LF Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.85	0.55
07 62 00 00-0164 LF >5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.76	0.55
07 62 00 00-0165 LF >7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.45	0.55
07 62 00 00-0166 LF >9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.58	0.55
07 62 00 00-0167 LF >12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.40	0.55
<b>07 62 00 00-0168 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0169 LF Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.00	0.55
07 62 00 00-0170 LF >5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.98	0.55
07 62 00 00-0171 LF >7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.68	0.55
07 62 00 00-0172 LF >9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.87	0.55
07 62 00 00-0173 LF >12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.79	0.55
<b>07 62 00 00-0174 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0175 LF Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.51	0.55
07 62 00 00-0176 LF >5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.64	0.55
07 62 00 00-0177 LF >7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.49	0.55
07 62 00 00-0178 LF >9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.91	0.55
07 62 00 00-0179 LF >12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	10.17	0.55
<b>07 62 00 00-0180 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0181 LF Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.25	0.55
07 62 00 00-0182 LF >5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.63	0.55
07 62 00 00-0183 LF >7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.66	0.55
07 62 00 00-0184 LF >9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.38	0.55
07 62 00 00-0185 LF >12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.14	0.55
<b>07 62 00 00-0186 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 00 00-0143)		
07 62 00 00-0187 LF Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.14	0.55
07 62 00 00-0188 LF >5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.81	0.55
07 62 00 00-0189 LF >7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.06	0.55
07 62 00 00-0190 LF >9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	11.15	0.55
07 62 00 00-0191 LF >12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.50	0.55
<b>07 62 00 00-0192 Steel Flashing And Trim</b> (07 62)		
<b>07 62 00 00-0193 Galvanized Steel Flashing And Trim</b> (07 62 00 00-0192)		
07 62 00 00-0194 SF 26 Gauge, Galvanized Steel Flashing.....	8.64	2.19
For Wrap Around Window Panning, Add	4.75	
07 62 00 00-0195 SF 24 Gauge, Galvanized Steel Flashing.....	8.95	2.19
For Wrap Around Window Panning, Add	4.75	
<b>07 62 00 00-0196 Galvanized Steel Drip Edge</b> (07 62 00 00-0192)		
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
<b>07 62 00 00-0197 Galvanized Steel Drip Edge</b> (07 62 00 00-0196)		
<b>07 62 00 00-0198 26 Gauge, Galvanized Steel Drip Edge</b> (07 62 00 00-0197)		
07 62 00 00-0199 LF Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	2.67	0.55
07 62 00 00-0200 LF >5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.20	0.55
07 62 00 00-0201 LF >7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.58	0.55
07 62 00 00-0202 LF >9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	4.22	0.55





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0203 LF >12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	5.25	0.55
<b>07 62 00 00-0204 24 Gauge, Galvanized Steel Drip Edge (07 62 00 00-0197)</b>		
07 62 00 00-0205 LF Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge .....	2.90	0.55
07 62 00 00-0206 LF >5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	3.51	0.55
07 62 00 00-0207 LF >7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	3.95	0.55
07 62 00 00-0208 LF >9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	4.69	0.55
07 62 00 00-0209 LF >12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	5.87	0.55
<b>07 62 00 00-0210 KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0196)</b>		
<b>07 62 00 00-0211 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0210)</b>		
07 62 00 00-0212 LF Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	3.37	0.55
07 62 00 00-0213 LF >5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.14	0.55
07 62 00 00-0214 LF >7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.68	0.55
07 62 00 00-0215 LF >9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.62	0.55
07 62 00 00-0216 LF >12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	7.11	0.55
<b>07 62 00 00-0217 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0210)</b>		
07 62 00 00-0218 LF Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	3.71	0.55
07 62 00 00-0219 LF >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.59	0.55
07 62 00 00-0220 LF >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.22	0.55
07 62 00 00-0221 LF >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	6.29	0.55
07 62 00 00-0222 LF >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	8.01	0.55
<b>07 63 Sheet Metal Roofing Specialties (07 60)</b>		
<b>07 63 00 00-0001 Pitch Pockets (07 63)</b>		
Note: Cut into deck, filled with non-shrink grout, includes blocking.		
<b>07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)</b>		
07 63 00 00-0003 EA 4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	42.27	
For Pourable Sealer Filled, Add	22.31	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	11.16	
07 63 00 00-0004 EA 6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	48.09	
For Pourable Sealer Filled, Add	50.21	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	25.12	
07 63 00 00-0005 EA 8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	55.29	
For Pourable Sealer Filled, Add	89.25	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.53	
07 63 00 00-0006 EA 8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	59.38	
For Pourable Sealer Filled, Add	111.56	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	55.82	
07 63 00 00-0007 EA 8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	63.02	
For Pourable Sealer Filled, Add	133.87	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	66.94	
07 63 00 00-0008 SF 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	69.31	
For Pourable Sealer Filled, Add	200.80	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	100.18	
<b>07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)</b>		
07 63 00 00-0010 EA 4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	63.18	
For Pourable Sealer Filled, Add	22.31	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	11.16	
07 63 00 00-0011 EA 6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	72.36	
For Pourable Sealer Filled, Add	50.21	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	25.12	
07 63 00 00-0012 EA 8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	83.92	
For Pourable Sealer Filled, Add	89.25	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.53	
07 63 00 00-0013 EA 8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	90.75	
For Pourable Sealer Filled, Add	111.56	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	55.82	
07 63 00 00-0014 EA 8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	95.58	
For Pourable Sealer Filled, Add	133.87	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	66.94	
07 63 00 00-0015 SF 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	104.08	
For Pourable Sealer Filled, Add	200.80	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	100.18	
<b>07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)</b>		
07 63 00 00-0017 EA 4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	53.67	
For Pourable Sealer Filled, Add	22.31	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	11.16	

**07 Thermal And Moisture Protection****07 60 Flashing And Sheet Metal****07 63 Sheet Metal Roofing Specialties**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0018	EA		6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	60.95	
			<i>For Pourable Sealer Filled, Add</i>	50.21	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0019	EA		8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	66.90	
			<i>For Pourable Sealer Filled, Add</i>	89.25	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0020	EA		8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	70.76	
			<i>For Pourable Sealer Filled, Add</i>	111.56	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0021	EA		8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	74.11	
			<i>For Pourable Sealer Filled, Add</i>	133.87	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	
07 63 00 00-0022	SF		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	79.64	
			<i>For Pourable Sealer Filled, Add</i>	200.80	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	
<b>07 63 00 00-0023</b>			<b>Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout <small>(07 63 00 00-0021)</small></b>		
			Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA		Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....	34.46	
			<i>For Pourable Sealer Filled, Add</i>	22.31	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.16	
07 63 00 00-0025	EA		Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	36.89	
			<i>For Pourable Sealer Filled, Add</i>	50.21	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0026	EA		Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	39.85	
			<i>For Pourable Sealer Filled, Add</i>	89.25	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0027	EA		Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	42.01	
			<i>For Pourable Sealer Filled, Add</i>	111.56	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0028	EA		Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	44.17	
			<i>For Pourable Sealer Filled, Add</i>	133.87	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	
07 63 00 00-0029	SF		Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	48.44	
			<i>For Pourable Sealer Filled, Add</i>	200.80	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	
<b>07 63 00 00-0030</b>			<b>Lead Pipe Flashing For Roofs <small>(07 63)</small></b>		
			Note: Includes 6" skirt base.		
07 63 00 00-0031	EA		1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....	61.10	17.70
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	61.10	17.70
07 63 00 00-0033	EA		2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	75.51	17.70
07 63 00 00-0034	EA		3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	83.74	17.70
07 63 00 00-0035	EA		4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe.....	87.86	17.70
07 63 00 00-0036	EA		4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	89.92	17.70
07 63 00 00-0037	EA		6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	110.50	17.70
07 63 00 00-0038	EA		8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	119.76	17.70
<b>07 63 00 00-0039</b>			<b>Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing <small>(07 63)</small></b>		
07 63 00 00-0040	EA		2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	41.35	11.44
07 63 00 00-0041	EA		3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	41.88	11.44
07 63 00 00-0042	EA		4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	43.75	11.44
07 63 00 00-0043	EA		6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	53.12	11.44
<b>07 65 Flexible Flashing <small>(07 60)</small></b>					
<b>07 65 16 Modified Bituminous Sheet Flashing <small>(07 65)</small></b>					
<b>07 65 16 00-0001</b>			<b>Liquid Flashing System For Modified And BUR Systems <small>(07 65 16)</small></b>		
			See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF		60 Mil, Urethane Elastomer Liquid Applied Flashing.....	6.08	1.06
			Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		
<b>07 65 19 Plastic Sheet Flashing <small>(07 65)</small></b>					
<b>07 65 19 00-0001</b>			<b>Plastic Flashing And Trim <small>(07 65 19)</small></b>		
<b>07 65 19 00-0002</b>			<b>Neoprene Flashing <small>(07 65 19 00-0001)</small></b>		
<b>07 65 19 00-0003</b>			<b>60 Mil Thick <small>(07 65 19 00-0002)</small></b>		
07 65 19 00-0004	LF		6" Wide Strip, 60 Mil, Neoprene Flashing.....	4.78	1.51
07 65 19 00-0005	LF		12" Wide Strip, 60 Mil, Neoprene Flashing.....	6.39	1.62
07 65 19 00-0006	LF		18" Wide Strip, 60 Mil, Neoprene Flashing.....	8.19	1.78
07 65 19 00-0007	LF		24" Wide Strip, 60 Mil, Neoprene Flashing.....	10.07	2.00
<b>07 65 33 Plastic Flashing <small>(07 65)</small></b>					



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 33 00-0001				<b>Neoprene Roof Boot</b> <small>(07 65 33)</small>		
	07 65 33 00-0002	EA		Neoprene Roof Boot For 2" Diameter Pipe.....	20.82	4.63
	07 65 33 00-0003	EA		Neoprene Roof Boot For 3" Diameter Pipe.....	24.41	5.18
	07 65 33 00-0004	EA		Neoprene Roof Boot For 4" Diameter Pipe.....	27.07	5.57

**07 70 Roof And Wall Specialties And Accessories** (07)

Note: Includes placement of materials on roof up to 2-1/2 stories.

**07 71 Roof Specialties** (07 70)

**07 71 13 Manufactured Copings** (07 71)

**07 71 13 00-0001 Galvanized Steel Copings** (07 71 13)

**07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats** (07 71 13 00-0001)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	17.04	1.21
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	17.98	1.31
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	20.50	1.37
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	23.81	1.51
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats.....	28.78	1.57

**07 71 13 00-0008 Aluminum Copings** (07 71 13)

**07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

**07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0009)

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	13.53	1.21
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	14.45	1.31
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	16.84	1.37
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	20.10	1.51
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	24.98	1.57

**07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0009)

07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	14.68	1.21
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	15.68	1.31
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	18.29	1.37
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	21.86	1.51
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	27.21	1.57

**07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0009)

07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	15.63	1.21
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	16.77	1.31
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	20.10	1.37
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	25.10	1.51
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	32.46	1.57

**07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

**07 71 13 00-0029 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0028)

07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	18.72	1.21
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	19.98	1.31
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	23.39	1.37
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	28.02	1.51

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0034	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	35.04	1.57
<b>07 71 13 00-0035</b>			<b>0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0028)</small>		
07 71 13 00-0036	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	20.39	1.21
07 71 13 00-0037	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	21.76	1.31
07 71 13 00-0038	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	25.50	1.37
07 71 13 00-0039	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	30.57	1.51
07 71 13 00-0040	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	38.28	1.57
<b>07 71 13 00-0041</b>			<b>0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0028)</small>		
07 71 13 00-0042	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	21.77	1.21
07 71 13 00-0043	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	23.35	1.31
07 71 13 00-0044	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	28.13	1.37
07 71 13 00-0045	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	35.28	1.51
07 71 13 00-0046	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	45.89	1.57
<b>07 71 13 00-0047</b>			<b>Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0008)</small>		
			Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 13 00-0048</b>			<b>0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0047)</small>		
07 71 13 00-0049	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	19.72	1.21
07 71 13 00-0050	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	21.04	1.31
07 71 13 00-0051	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	24.66	1.37
07 71 13 00-0052	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	29.55	1.51
07 71 13 00-0053	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	36.98	1.57
<b>07 71 13 00-0054</b>			<b>0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0047)</small>		
07 71 13 00-0055	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	21.50	1.21
07 71 13 00-0056	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	22.93	1.31
07 71 13 00-0057	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	26.89	1.37
07 71 13 00-0058	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	32.26	1.51
07 71 13 00-0059	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	40.42	1.57
<b>07 71 13 00-0060</b>			<b>0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0047)</small>		
07 71 13 00-0061	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	22.95	1.21
07 71 13 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	24.62	1.31
07 71 13 00-0063	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	29.68	1.37
07 71 13 00-0064	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	37.24	1.51
07 71 13 00-0065	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	48.49	1.57
<b>07 71 13 00-0066</b>			<b>Remove And Reinstall Metal Coping</b> <small>(07 71 13)</small>		
07 71 13 00-0067	LF		Remove And Reinstall Metal Coping .....	4.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 71 19      Manufactured Gravel Stops And Fasciae (07 71)</b>		
07 71 19 00-0001      Gravel Stop (07 71 19)		
07 71 19 00-0002      Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003      Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004      KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005      0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006    LF    4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	9.84	1.01
07 71 19 00-0007    LF    >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	9.97	1.04
07 71 19 00-0008    LF    >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	10.15	1.07
07 71 19 00-0009      0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010    LF    4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	10.42	1.01
07 71 19 00-0011    LF    >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	10.57	1.04
07 71 19 00-0012    LF    >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	10.78	1.07
07 71 19 00-0013      0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0014    LF    4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.17	1.01
07 71 19 00-0015    LF    >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.29	1.04
07 71 19 00-0016    LF    >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.58	1.07
07 71 19 00-0017      0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018    LF    4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.68	1.01
07 71 19 00-0019    LF    >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.82	1.04
07 71 19 00-0020    LF    >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.14	1.07
07 71 19 00-0021      Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0022      0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023    LF    4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	6.64	1.01
07 71 19 00-0024    LF    >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	6.93	1.04
07 71 19 00-0025    LF    >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	7.26	1.07
07 71 19 00-0026      0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027    LF    4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	7.12	1.01
07 71 19 00-0028    LF    >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	7.35	1.04
07 71 19 00-0029    LF    >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	7.58	1.07
07 71 19 00-0030      0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0031    LF    4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	7.60	1.01
07 71 19 00-0032    LF    >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	7.83	1.04
07 71 19 00-0033    LF    >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	8.10	1.07
07 71 19 00-0034      0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0035    LF    4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	8.12	1.01
07 71 19 00-0036    LF    >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	8.31	1.04
07 71 19 00-0037    LF    >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	8.49	1.07
07 71 19 00-0038      Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0039      0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0040    LF    4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	11.61	1.01
07 71 19 00-0041    LF    >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	11.82	1.04
07 71 19 00-0042    LF    >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.02	1.07
07 71 19 00-0043      0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0044    LF    4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.31	1.01
07 71 19 00-0045    LF    >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.55	1.04
07 71 19 00-0046    LF    >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.78	1.07
07 71 19 00-0047      0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0048    LF    4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.21	1.01
07 71 19 00-0049    LF    >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.41	1.04
07 71 19 00-0050    LF    >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.58	1.07

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0051			<b>0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop</b> <small>(07 71 19 00-0038)</small>		
07 71 19 00-0052	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	13.82	1.01
07 71 19 00-0053	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	14.05	1.04
07 71 19 00-0054	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	14.24	1.07
07 71 19 00-0055			<b>Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0002)</small>		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056			<b>KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0055)</small>		
07 71 19 00-0057			<b>0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0056)</small>		
07 71 19 00-0058	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	12.22	1.67
07 71 19 00-0059	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	12.71	1.73
07 71 19 00-0060	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	13.33	1.78
07 71 19 00-0061			<b>0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0056)</small>		
07 71 19 00-0062	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	12.80	1.67
07 71 19 00-0063	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	13.31	1.73
07 71 19 00-0064	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	13.96	1.78
07 71 19 00-0065			<b>0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0056)</small>		
07 71 19 00-0066	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	13.55	1.67
07 71 19 00-0067	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	14.03	1.73
07 71 19 00-0068	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	14.76	1.78
07 71 19 00-0069			<b>0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0056)</small>		
07 71 19 00-0070	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	14.06	1.67
07 71 19 00-0071	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	14.56	1.73
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....	15.32	1.78
07 71 19 00-0073			<b>Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0055)</small>		
07 71 19 00-0074			<b>0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0073)</small>		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	9.46	1.67
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	9.84	1.73
07 71 19 00-0077	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.32	1.78
07 71 19 00-0078			<b>0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0073)</small>		
07 71 19 00-0079	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	9.86	1.67
07 71 19 00-0080	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.25	1.73
07 71 19 00-0081	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.76	1.78
07 71 19 00-0082			<b>0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0073)</small>		
07 71 19 00-0083	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.38	1.67
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.75	1.73
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	11.28	1.78
07 71 19 00-0086			<b>0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0073)</small>		
07 71 19 00-0087	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	10.73	1.67
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	11.11	1.73
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....	11.67	1.78



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0090				<b>Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0055)</small>		
07 71 19 00-0091				<b>0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0090)</small>		
	07 71 19 00-0092	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	13.99	1.67
	07 71 19 00-0093	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	14.56	1.73
	07 71 19 00-0094	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.20	1.78
07 71 19 00-0095				<b>0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0090)</small>		
	07 71 19 00-0096	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	14.69	1.67
	07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.29	1.73
	07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.96	1.78
07 71 19 00-0099				<b>0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0090)</small>		
	07 71 19 00-0100	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.59	1.67
	07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.15	1.73
	07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.76	1.78
07 71 19 00-0103				<b>0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0090)</small>		
	07 71 19 00-0104	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.20	1.67
	07 71 19 00-0105	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.79	1.73
	07 71 19 00-0106	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.42	1.78
07 71 19 00-0107				<b>Stainless Steel Gravel Stop</b> <small>(07 71 19 00-0001)</small>		
07 71 19 00-0108				<b>Stainless Steel Gravel Stop</b> <small>(07 71 19 00-0107)</small>		
07 71 19 00-0109				<b>26 Gauge, Stainless Steel Gravel Stop</b> <small>(07 71 19 00-0108)</small>		
	07 71 19 00-0110	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	7.96	1.01
	07 71 19 00-0111	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	10.04	1.04
	07 71 19 00-0112	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	14.42	1.07
07 71 19 00-0113				<b>24 Gauge, Stainless Steel Gravel Stop</b> <small>(07 71 19 00-0108)</small>		
	07 71 19 00-0114	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	9.69	1.01
	07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	12.35	1.04
	07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	17.87	1.07
07 71 19 00-0117				<b>22 Gauge, Stainless Steel Gravel Stop</b> <small>(07 71 19 00-0108)</small>		
	07 71 19 00-0118	LF		4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	11.52	1.01
	07 71 19 00-0119	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	14.80	1.04
	07 71 19 00-0120	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	21.54	1.07
07 71 19 00-0121				<b>Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0107)</small>		
	Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.					
07 71 19 00-0122				<b>26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		
	07 71 19 00-0123	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	10.47	1.67
	07 71 19 00-0124	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	12.95	1.73
	07 71 19 00-0125	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	17.82	1.78
07 71 19 00-0126				<b>24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		
	07 71 19 00-0127	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	12.20	1.67
	07 71 19 00-0128	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	15.26	1.73
	07 71 19 00-0129	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	21.27	1.78
07 71 19 00-0130				<b>22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0131 LF 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	14.03	1.67
07 71 19 00-0132 LF >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	17.71	1.73
07 71 19 00-0133 LF >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	24.94	1.78
<b>07 71 19 00-0134 Galvanized Steel Gravel Stop (07 71 19 00-0001)</b>		
<b>07 71 19 00-0135 Galvanized Steel Gravel Stop (07 71 19 00-0134)</b>		
<b>07 71 19 00-0136 KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)</b>		
<b>07 71 19 00-0137 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0136)</b>		
07 71 19 00-0138 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop .....	8.86	1.01
07 71 19 00-0139 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop .....	8.97	1.04
07 71 19 00-0140 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop .....	9.18	1.07
<b>07 71 19 00-0141 Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134)</b>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0142 KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)</b>		
<b>07 71 19 00-0143 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)</b>		
07 71 19 00-0144 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat .....	11.24	1.67
07 71 19 00-0145 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat .....	11.71	1.73
07 71 19 00-0146 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat .....	12.36	1.78
<b>07 71 19 00-0147 Copper Gravel Stop (07 71 19 00-0001)</b>		
<b>07 71 19 00-0148 Copper Gravel Stop (07 71 19 00-0147)</b>		
<b>07 71 19 00-0149 20 Ounce, Copper Gravel Stop (07 71 19 00-0148)</b>		
07 71 19 00-0150 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop .....	36.15	1.01
07 71 19 00-0151 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop .....	41.04	1.04
07 71 19 00-0152 LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop .....	47.25	1.07
<b>07 71 19 00-0153 16 Ounce, Copper Gravel Stop (07 71 19 00-0148)</b>		
07 71 19 00-0154 LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop .....	44.25	1.01
07 71 19 00-0155 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop .....	50.94	1.04
07 71 19 00-0156 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop .....	58.05	1.07
<b>07 71 19 00-0157 Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147)</b>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0158 20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)</b>		
07 71 19 00-0159 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat .....	38.66	1.67
07 71 19 00-0160 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat .....	43.95	1.73
07 71 19 00-0161 LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat .....	50.65	1.78
<b>07 71 19 00-0162 16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)</b>		
07 71 19 00-0163 LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat .....	46.76	1.67
07 71 19 00-0164 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat .....	53.85	1.73
07 71 19 00-0165 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat .....	61.45	1.78
<b>07 71 19 00-0166 Fascia (07 71 19)</b>		
<b>07 71 19 00-0167 Snap-On Cover Fascia (07 71 19 00-0166)</b>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0168 Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)</b>		
<b>07 71 19 00-0169 KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)</b>		
<b>07 71 19 00-0170 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)</b>		
07 71 19 00-0171 LF 3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat .....	11.47	1.39
07 71 19 00-0172 LF >5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat .....	12.77	1.45
07 71 19 00-0173 LF >7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat .....	13.63	1.51





	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems <small>(07 71 19 00-0169)</small>		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems <small>(07 71 19 00-0174)</small>		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	71.70	1.95
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	76.44	1.95
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	79.42	1.95
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems <small>(07 71 19 00-0174)</small>		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	58.78	1.95
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	61.18	1.95
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	62.63	1.95
07 71 19 00-0183		Aluminum Snap-On Cover Fascia <small>(07 71 19 00-0167)</small>		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <small>(07 71 19 00-0183)</small>		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <small>(07 71 19 00-0184)</small>		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	12.43	1.39
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	14.06	1.45
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	14.92	1.51
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <small>(07 71 19 00-0184)</small>		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	13.06	1.39
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	14.87	1.45
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	15.83	1.51
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems <small>(07 71 19 00-0184)</small>		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems <small>(07 71 19 00-0193)</small>		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	80.61	1.95
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	87.42	1.95
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	90.40	1.95
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems <small>(07 71 19 00-0193)</small>		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	63.81	1.95
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	67.21	1.95
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	68.69	1.95
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <small>(07 71 19 00-0183)</small>		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <small>(07 71 19 00-0202)</small>		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	14.36	1.39
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	16.29	1.45
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	17.30	1.51

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0207			<b>0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat</b> (07 71 19 00-0202)		
07 71 19 00-0208	LF		3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	15.11	1.39
07 71 19 00-0209	LF		>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	17.26	1.45
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	18.39	1.51
07 71 19 00-0211			<b>Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems</b> (07 71 19 00-0202)		
07 71 19 00-0212			<b>Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems</b> (07 71 19 00-0211)		
07 71 19 00-0213	EA		Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	99.78	1.95
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	108.30	1.95
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	112.02	1.95
07 71 19 00-0216			<b>Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems</b> (07 71 19 00-0211)		
07 71 19 00-0217	EA		Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	78.79	1.95
07 71 19 00-0218	EA		Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	83.03	1.95
07 71 19 00-0219	EA		Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	84.89	1.95
<b>07 71 23</b>			<b>Manufactured Gutters And Downspouts</b> (07 71)		
			Note: Includes all necessary support straps.		
07 71 23 00-0001			<b>Aluminum Gutters And Downspouts</b> (07 71 23)		
07 71 23 00-0002			<b>Aluminum Gutters</b> (07 71 23 00-0001)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003			<b>K-Style Aluminum Gutters</b> (07 71 23 00-0002)		
07 71 23 00-0004	LF		5", 0.027" Thick, K-Style Aluminum Gutter.....	4.53	1.70
			For Kynar 500® Finish, Add.....	0.76	
07 71 23 00-0005	LF		6", 0.027" Thick, K-Style Aluminum Gutter.....	5.00	1.70
			For Kynar 500® Finish, Add.....	0.97	
07 71 23 00-0006	LF		5", 0.032" Thick, K-Style Aluminum Gutter.....	4.78	1.70
			For Kynar 500® Finish, Add.....	0.87	
07 71 23 00-0007	LF		6", 0.032" Thick, K-Style Aluminum Gutter.....	5.31	1.70
			For Kynar 500® Finish, Add.....	1.11	
07 71 23 00-0008	LF		7", 0.032" Thick, K-Style Aluminum Gutter.....	10.80	1.70
			For Kynar 500® Finish, Add.....	3.58	
07 71 23 00-0009	LF		8", 0.032" Thick, K-Style Aluminum Gutter.....	11.54	1.70
			For Kynar 500® Finish, Add.....	3.91	
07 71 23 00-0010	LF		8", 0.040" Thick, K-Style Aluminum Gutter.....	13.21	1.70
			For Kynar 500® Finish, Add.....	4.66	
07 71 23 00-0011			<b>Half Round Aluminum Gutters</b> (07 71 23 00-0002)		
07 71 23 00-0012	LF		5", 0.027" Thick, Half Round Aluminum Gutter.....	9.39	1.70
			For Kynar 500® Finish, Add.....	2.94	
07 71 23 00-0013	LF		6", 0.032" Thick, Half Round Aluminum Gutter.....	11.37	1.70
			For Kynar 500® Finish, Add.....	3.83	
07 71 23 00-0014			<b>Box Style Aluminum Gutters</b> (07 71 23 00-0002)		
07 71 23 00-0015	LF		6", 0.027" Thick, Box Style Aluminum Gutter.....	8.92	1.70
			For Kynar 500® Finish, Add.....	2.73	
07 71 23 00-0016	LF		6", 0.032" Thick, Box Style Aluminum Gutter.....	8.95	1.70
			For Kynar 500® Finish, Add.....	2.75	
07 71 23 00-0017	LF		7", 0.032" Thick, Box Style Aluminum Gutter.....	10.45	1.70
			For Kynar 500® Finish, Add.....	3.42	
07 71 23 00-0018	LF		8", 0.032" Thick, Box Style Aluminum Gutter.....	11.80	1.70
			For Kynar 500® Finish, Add.....	4.03	
07 71 23 00-0019			<b>Aluminum Gutter End Caps</b> (07 71 23 00-0001)		
07 71 23 00-0020			<b>K-Style, Aluminum Gutter End Caps</b> (07 71 23 00-0019)		
07 71 23 00-0021	EA		5", K-Style Aluminum Gutter End Cap.....	1.96	
			For Kynar 500® Finish, Add.....	0.27	
07 71 23 00-0022	EA		6", K-Style Aluminum Gutter End Cap.....	2.43	
			For Kynar 500® Finish, Add.....	0.48	
07 71 23 00-0023	EA		7", K-Style Aluminum Gutter End Cap.....	5.32	
			For Kynar 500® Finish, Add.....	1.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0024 EA 8", K-Style Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	6.21 2.18	
<b>07 71 23 00-0025 Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)</b>		
07 71 23 00-0026 EA 5", Half Round Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	3.17 0.81	
07 71 23 00-0027 EA 6", Half Round Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	4.93 1.60	
<b>07 71 23 00-0028 Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)</b>		
07 71 23 00-0029 EA 6", Box Style Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	5.81 2.00	
07 71 23 00-0030 EA 7", Box Style Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	6.32 2.23	
07 71 23 00-0031 EA 8", Box Style Aluminum Gutter End Cap ..... <i>For Kynar 500® Finish, Add</i>	7.42 2.72	
<b>07 71 23 00-0032 Aluminum Gutter Miters (07 71 23 00-0001)</b> Note: Inside or outside miters.		
<b>07 71 23 00-0033 K-Style, Aluminum Gutter Miters (07 71 23 00-0032)</b>		
07 71 23 00-0034 EA 5", K-Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	7.02 2.08	
07 71 23 00-0035 EA 6", K-Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	10.40 3.60	
07 71 23 00-0036 EA 7", K-Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	40.93 17.34	
07 71 23 00-0037 EA 8", K-Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	44.36 18.89	
<b>07 71 23 00-0038 Half Round, Aluminum Gutter Miters (07 71 23 00-0032)</b>		
07 71 23 00-0039 EA 5", Half Round Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	15.51 5.90	
07 71 23 00-0040 EA 6", Half Round Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	26.55 10.87	
<b>07 71 23 00-0041 Box Style, Aluminum Gutter Miters (07 71 23 00-0032)</b>		
07 71 23 00-0042 EA 6", Box Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	32.60 13.59	
07 71 23 00-0043 EA 7", Box Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	50.57 21.68	
07 71 23 00-0044 EA 8", Box Style Aluminum Gutter Miter ..... <i>For Kynar 500® Finish, Add</i>	54.85 23.61	
<b>07 71 23 00-0045 Aluminum Gutter Wire Strainers (07 71 23 00-0001)</b>		
07 71 23 00-0046 EA 3" Diameter, Round Aluminum Wire Strainer ..... <i>For Kynar 500® Finish, Add</i>	8.18 2.08	1.70
07 71 23 00-0047 EA 4" Diameter, Round Aluminum Wire Strainer ..... <i>For Kynar 500® Finish, Add</i>	12.07 3.83	1.70
<b>07 71 23 00-0048 Aluminum Downspouts (07 71 23 00-0001)</b> Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0049 Round Aluminum Downspouts (07 71 23 00-0048)</b>		
07 71 23 00-0050 LF 3" Diameter, Round Aluminum Downspout ..... <i>For Kynar 500® Finish, Add</i>	4.08 1.04	1.64
07 71 23 00-0051 LF 4" Diameter, Round Aluminum Downspout ..... <i>For Kynar 500® Finish, Add</i>	4.62 1.28	1.64
<b>07 71 23 00-0052 Rectangular Aluminum Downspouts (07 71 23 00-0048)</b>		
07 71 23 00-0053 LF 2" x 3", Rectangular Aluminum Downspout ..... <i>For Kynar 500® Finish, Add</i>	2.95 0.53	1.64
07 71 23 00-0054 LF 3" x 4", Rectangular Aluminum Downspout ..... <i>For Kynar 500® Finish, Add</i>	3.64 0.84	1.64
07 71 23 00-0055 LF 4" x 5", Rectangular Aluminum Downspout ..... <i>For Kynar 500® Finish, Add</i>	6.54 2.15	1.64
<b>07 71 23 00-0056 Aluminum Devices (07 71 23 00-0001)</b>		
07 71 23 00-0057 EA Thru-Wall Aluminum Scupper Outlet ..... <i>For Kynar 500® Finish, Add</i>	86.43 20.10	12.53
07 71 23 00-0058 EA Aluminum Leader/Conductor Head ..... <i>For Kynar 500® Finish, Add</i>	128.25 45.18	13.92

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 71 23 00-0059	Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060	Copper Gutters (07 71 23 00-0059) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061	K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF 4", 16 Ounce, K-Style Copper Gutter.....	11.51	1.70
07 71 23 00-0063	LF 5", 16 Ounce, K-Style Copper Gutter.....	16.91	1.70
07 71 23 00-0064	LF 6", 16 Ounce, K-Style Copper Gutter.....	20.37	1.70
07 71 23 00-0065	LF 5", 20 Ounce, K-Style Copper Gutter.....	21.97	1.70
07 71 23 00-0066	LF 6", 20 Ounce, K-Style Copper Gutter.....	27.53	1.70
07 71 23 00-0067	LF 7", 20 Ounce, K-Style Copper Gutter.....	32.05	1.70
07 71 23 00-0068	LF 8", 20 Ounce, K-Style Copper Gutter.....	35.38	1.70
07 71 23 00-0069	Half Round Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0070	LF 5", 16 Ounce, Half Round Copper Gutter.....	14.28	1.70
07 71 23 00-0071	LF 6", 16 Ounce, Half Round Copper Gutter.....	18.41	1.70
07 71 23 00-0072	LF 7", 16 Ounce, Half Round Copper Gutter.....	32.14	1.70
07 71 23 00-0073	LF 5", 20 Ounce, Half Round Copper Gutter.....	17.04	1.70
07 71 23 00-0074	LF 6", 20 Ounce, Half Round Copper Gutter.....	21.34	1.70
07 71 23 00-0075	LF 7", 20 Ounce, Half Round Copper Gutter.....	33.93	1.70
07 71 23 00-0076	LF 8", 20 Ounce, Half Round Copper Gutter.....	38.36	1.70
07 71 23 00-0077	Copper Gutter End Caps (07 71 23 00-0059)		
07 71 23 00-0078	K-Style, Copper Gutter End Caps (07 71 23 00-0077)		
07 71 23 00-0079	EA 4", K-Style Copper Gutter End Cap .....	4.35	
07 71 23 00-0080	EA 5", K-Style Copper Gutter End Cap .....	4.68	
07 71 23 00-0081	EA 6", K-Style Copper Gutter End Cap .....	5.01	
07 71 23 00-0082	EA 7", K-Style Copper Gutter End Cap .....	13.84	
07 71 23 00-0083	EA 8", K-Style Copper Gutter End Cap .....	16.94	
07 71 23 00-0084	Half Round, Copper Gutter End Caps (07 71 23 00-0077)		
07 71 23 00-0085	EA 4", Half Round Copper Gutter End Cap .....	5.33	
07 71 23 00-0086	EA 5", Half Round Copper Gutter End Cap .....	6.03	
07 71 23 00-0087	EA 6", Half Round Copper Gutter End Cap .....	9.26	
07 71 23 00-0088	EA 7", Half Round Copper Gutter End Cap .....	28.50	
07 71 23 00-0089	EA 8", Half Round Copper Gutter End Cap .....	33.72	
07 71 23 00-0090	Copper Gutter Miters (07 71 23 00-0059) Note: Inside or outside miters.		
07 71 23 00-0091	K-Style, Copper Gutter Miters (07 71 23 00-0090)		
07 71 23 00-0092	EA 4", K-Style Copper Gutter Miter .....	24.52	
07 71 23 00-0093	EA 5", K-Style Copper Gutter Miter .....	27.91	
07 71 23 00-0094	EA 6", K-Style Copper Gutter Miter .....	42.27	
07 71 23 00-0095	EA 7", K-Style Copper Gutter Miter .....	61.98	
07 71 23 00-0096	EA 8", K-Style Copper Gutter Miter .....	73.30	
07 71 23 00-0097	Half Round, Copper Gutter Miters (07 71 23 00-0090)		
07 71 23 00-0098	EA 4", Half Round Copper Gutter Miter .....	41.38	
07 71 23 00-0099	EA 5", Half Round Copper Gutter Miter .....	37.26	
07 71 23 00-0100	EA 6", Half Round Copper Gutter Miter .....	55.79	
07 71 23 00-0101	EA 7", Half Round Copper Gutter Miter .....	67.23	
07 71 23 00-0102	EA 8", Half Round Copper Gutter Miter .....	80.10	
07 71 23 00-0103	Copper Gutter Wire Strainers (07 71 23 00-0059)		
07 71 23 00-0104	EA 2" Diameter, Round Copper Wire Strainer .....	10.55	1.70
07 71 23 00-0105	EA 3" Diameter, Round Copper Wire Strainer .....	12.84	1.70
07 71 23 00-0106	EA 4" Diameter, Round Copper Wire Strainer .....	20.33	1.70
07 71 23 00-0107	EA 5" Diameter, Round Copper Wire Strainer .....	26.86	1.70
07 71 23 00-0108	EA 6" Diameter, Round Copper Wire Strainer .....	32.33	1.70
07 71 23 00-0109	Copper Downspouts (07 71 23 00-0059) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0110	Round Copper Downspouts (07 71 23 00-0109)		
07 71 23 00-0111	LF 2" Diameter, 16 Ounce, Round Copper Downspout .....	18.87	1.64
07 71 23 00-0112	LF 3" Diameter, 16 Ounce, Round Copper Downspout .....	13.03	1.64
07 71 23 00-0113	LF 4" Diameter, 16 Ounce, Round Copper Downspout .....	16.52	1.64
07 71 23 00-0114	LF 5" Diameter, 16 Ounce, Round Copper Downspout .....	26.61	1.64
07 71 23 00-0115	LF 6" Diameter, 16 Ounce, Round Copper Downspout .....	34.32	1.64
07 71 23 00-0116	LF 3" Diameter, 20 Ounce, Round Copper Downspout .....	17.76	1.64



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0117 LF 4" Diameter, 20 Ounce, Round Copper Downspout .....	23.15	1.64
07 71 23 00-0118 LF 5" Diameter, 20 Ounce, Round Copper Downspout .....	35.37	1.64
<b>07 71 23 00-0119 Square Copper Downspouts (07 71 23 00-0109)</b>		
07 71 23 00-0120 LF 3" Diameter, 16 Ounce, Square Copper Downspout .....	8.91	1.64
07 71 23 00-0121 LF 4" Diameter, 16 Ounce, Square Copper Downspout .....	11.23	1.64
07 71 23 00-0122 LF 5" Diameter, 16 Ounce, Square Copper Downspout .....	16.23	1.64
07 71 23 00-0123 LF 3" Diameter, 20 Ounce, Square Copper Downspout .....	10.35	1.64
07 71 23 00-0124 LF 4" Diameter, 20 Ounce, Square Copper Downspout .....	13.24	1.64
07 71 23 00-0125 LF 5" Diameter, 20 Ounce, Square Copper Downspout .....	19.17	1.64
<b>07 71 23 00-0126 Rectangular Copper Downspouts (07 71 23 00-0109)</b>		
07 71 23 00-0127 LF 2" x 3", 16 Ounce, Rectangular Copper Downspout .....	13.39	1.64
07 71 23 00-0128 LF 3" x 4", 16 Ounce, Rectangular Copper Downspout .....	17.03	1.64
07 71 23 00-0129 LF 4" x 5", 16 Ounce, Rectangular Copper Downspout .....	24.38	1.64
07 71 23 00-0130 LF 2" x 3", 20 Ounce, Rectangular Copper Downspout .....	15.66	1.64
07 71 23 00-0131 LF 3" x 4", 20 Ounce, Rectangular Copper Downspout .....	20.17	1.64
07 71 23 00-0132 LF 4" x 5", 20 Ounce, Rectangular Copper Downspout .....	29.12	1.64
<b>07 71 23 00-0133 Copper Devices And Accessories (07 71 23 00-0059)</b>		
07 71 23 00-0134 EA Thru-Wall Copper Scupper Outlet.....	139.08	12.53
07 71 23 00-0135 EA Copper Leader/Conductor Head.....	213.11	13.92
07 71 23 00-0136 EA Copper Eave Box.....	96.17	10.25
<b>07 71 23 00-0137 Galvanized Steel Gutters And Downspouts (07 71 23)</b>		
<b>07 71 23 00-0138 Galvanized Steel Gutters (07 71 23 00-0137)</b>		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
<b>07 71 23 00-0139 K-Style Galvanized Steel Gutters (07 71 23 00-0138)</b>		
07 71 23 00-0140 LF 5", 26 Gauge, K-Style Galvanized Steel Gutter .....	5.55	1.70
For Kynar 500® Finish, Add		1.22
07 71 23 00-0141 LF 6", 26 Gauge, K-Style Galvanized Steel Gutter .....	6.37	1.70
For Kynar 500® Finish, Add		1.58
07 71 23 00-0142 LF 7", 26 Gauge, K-Style Galvanized Steel Gutter .....	13.68	1.70
For Kynar 500® Finish, Add		4.87
07 71 23 00-0143 LF 8", 24 Gauge, K-Style Galvanized Steel Gutter .....	14.09	1.70
For Kynar 500® Finish, Add		5.06
<b>07 71 23 00-0144 Half Round Galvanized Steel Gutters (07 71 23 00-0138)</b>		
07 71 23 00-0145 LF 5", 26 Gauge, Half Round Galvanized Steel Gutter.....	8.33	1.70
For Kynar 500® Finish, Add		2.47
07 71 23 00-0146 LF 6", 26 Gauge, Half Round Galvanized Steel Gutter.....	10.47	1.70
For Kynar 500® Finish, Add		3.43
07 71 23 00-0147 LF 7", 26 Gauge, Half Round Galvanized Steel Gutter.....	27.13	1.70
For Kynar 500® Finish, Add		10.93
07 71 23 00-0148 LF 8", 26 Gauge, Half Round Galvanized Steel Gutter.....	28.63	1.70
For Kynar 500® Finish, Add		11.60
<b>07 71 23 00-0149 Box Style Galvanized Steel Gutters (07 71 23 00-0138)</b>		
07 71 23 00-0150 LF 5", 24 Gauge, Box Style Galvanized Steel Gutter.....	9.58	1.70
For Kynar 500® Finish, Add		3.03
For 22 Gauge, Add		1.01
07 71 23 00-0151 LF 6", 24 Gauge, Box Style Galvanized Steel Gutter.....	11.08	1.70
For Kynar 500® Finish, Add		3.70
For 22 Gauge, Add		1.23
07 71 23 00-0152 LF 7", 24 Gauge, Box Style Galvanized Steel Gutter.....	14.75	1.70
For Kynar 500® Finish, Add		5.36
For 22 Gauge, Add		1.79
07 71 23 00-0153 LF 8", 24 Gauge, Box Style Galvanized Steel Gutter.....	15.77	1.70
For Kynar 500® Finish, Add		5.81
For 22 Gauge, Add		1.94
<b>07 71 23 00-0154 Galvanized Steel Gutter End Caps (07 71 23 00-0137)</b>		
<b>07 71 23 00-0155 K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0154)</b>		
07 71 23 00-0156 EA 5", K-Style Galvanized Steel Gutter End Cap .....	2.98	
For Kynar 500® Finish, Add		0.72
07 71 23 00-0157 EA 6", K-Style Galvanized Steel Gutter End Cap .....	3.41	
For Kynar 500® Finish, Add		0.92
07 71 23 00-0158 EA 7", K-Style Galvanized Steel Gutter End Cap .....	7.18	
For Kynar 500® Finish, Add		2.61
07 71 23 00-0159 EA 8", K-Style Galvanized Steel Gutter End Cap .....	10.34	
For Kynar 500® Finish, Add		4.04

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0160			<b>Half Round, Galvanized Steel Gutter End Caps</b> (07 71 23 00-0154)		
07 71 23 00-0161	EA		5", Half Round Galvanized Steel Gutter End Cap.....	3.79	
			<i>For Kynar 500® Finish, Add</i>	1.09	
07 71 23 00-0162	EA		6", Half Round Galvanized Steel Gutter End Cap.....	4.33	
			<i>For Kynar 500® Finish, Add</i>	1.33	
07 71 23 00-0163	EA		7", Half Round Galvanized Steel Gutter End Cap.....	7.91	
			<i>For Kynar 500® Finish, Add</i>	2.94	
07 71 23 00-0164	EA		8", Half Round Galvanized Steel Gutter End Cap.....	10.62	
			<i>For Kynar 500® Finish, Add</i>	4.16	
07 71 23 00-0165			<b>Box Style, Galvanized Steel Gutter End Caps</b> (07 71 23 00-0154)		
07 71 23 00-0166	EA		5", Box Style Galvanized Steel Gutter End Cap.....	6.64	
			<i>For Kynar 500® Finish, Add</i>	2.37	
07 71 23 00-0167	EA		6", Box Style Galvanized Steel Gutter End Cap.....	7.96	
			<i>For Kynar 500® Finish, Add</i>	2.97	
07 71 23 00-0168	EA		7", Box Style Galvanized Steel Gutter End Cap.....	8.89	
			<i>For Kynar 500® Finish, Add</i>	3.38	
07 71 23 00-0169	EA		8", Box Style Galvanized Steel Gutter End Cap.....	11.85	
			<i>For Kynar 500® Finish, Add</i>	4.72	
07 71 23 00-0170			<b>Galvanized Steel Gutter Miters</b> (07 71 23 00-0137)		
			Note: Inside or outside miters.		
07 71 23 00-0171			<b>K-Style, Galvanized Steel Gutter Miters</b> (07 71 23 00-0170)		
07 71 23 00-0172	EA		5", K-Style Galvanized Steel Gutter Miter.....	13.34	
			<i>For Kynar 500® Finish, Add</i>	4.93	
07 71 23 00-0173	EA		6", K-Style Galvanized Steel Gutter Miter.....	23.34	
			<i>For Kynar 500® Finish, Add</i>	9.43	
07 71 23 00-0174	EA		7", K-Style Galvanized Steel Gutter Miter.....	39.24	
			<i>For Kynar 500® Finish, Add</i>	16.58	
07 71 23 00-0175	EA		8", K-Style Galvanized Steel Gutter Miter.....	44.17	
			<i>For Kynar 500® Finish, Add</i>	18.80	
07 71 23 00-0176			<b>Half Round, Galvanized Steel Gutter Miters</b> (07 71 23 00-0170)		
07 71 23 00-0177	EA		5", Half Round Galvanized Steel Gutter Miter.....	19.53	
			<i>For Kynar 500® Finish, Add</i>	7.71	
07 71 23 00-0178	EA		6", Half Round Galvanized Steel Gutter Miter.....	21.97	
			<i>For Kynar 500® Finish, Add</i>	8.81	
07 71 23 00-0179	EA		7", Half Round Galvanized Steel Gutter Miter.....	68.98	
			<i>For Kynar 500® Finish, Add</i>	29.97	
07 71 23 00-0180	EA		8", Half Round Galvanized Steel Gutter Miter.....	72.68	
			<i>For Kynar 500® Finish, Add</i>	31.63	
07 71 23 00-0181			<b>Box Style, Galvanized Steel Gutter Miters</b> (07 71 23 00-0170)		
07 71 23 00-0182	EA		5", Box Style Galvanized Steel Gutter Miter.....	18.29	
			<i>For Kynar 500® Finish, Add</i>	7.16	
07 71 23 00-0183	EA		6", Box Style Galvanized Steel Gutter Miter.....	31.53	
			<i>For Kynar 500® Finish, Add</i>	13.11	
07 71 23 00-0184	EA		7", Box Style Galvanized Steel Gutter Miter.....	41.70	
			<i>For Kynar 500® Finish, Add</i>	17.69	
07 71 23 00-0185	EA		8", Box Style Galvanized Steel Gutter Miter.....	44.17	
			<i>For Kynar 500® Finish, Add</i>	18.80	
07 71 23 00-0186			<b>Galvanized Steel Gutter Wire Strainers</b> (07 71 23 00-0137)		
07 71 23 00-0187	EA		3" Diameter, Round Galvanized Steel Wire Strainer.....	7.24	1.70
			<i>For Kynar 500® Finish, Add</i>	1.66	
07 71 23 00-0188	EA		4" Diameter, Round Galvanized Steel Wire Strainer.....	10.37	1.70
			<i>For Kynar 500® Finish, Add</i>	3.06	
07 71 23 00-0189			<b>Galvanized Steel Downspouts</b> (07 71 23 00-0137)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0190			<b>Round Galvanized Steel Downspouts</b> (07 71 23 00-0189)		
07 71 23 00-0191	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	3.74	1.64
			<i>For Kynar 500® Finish, Add</i>	0.89	
07 71 23 00-0192	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	4.58	1.64
			<i>For Kynar 500® Finish, Add</i>	1.26	
07 71 23 00-0193	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	6.14	1.64
			<i>For Kynar 500® Finish, Add</i>	1.97	
07 71 23 00-0194	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	13.34	1.64
			<i>For Kynar 500® Finish, Add</i>	5.21	
07 71 23 00-0195			<b>Square Galvanized Steel Downspouts</b> (07 71 23 00-0189)		
07 71 23 00-0196	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout.....	4.21	1.64
			<i>For Kynar 500® Finish, Add</i>	1.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0197 LF 5" x 5", 26 Gauge, Square Galvanized Steel Downspout ..... <i>For Kynar 500® Finish, Add</i>	5.32 1.60	1.64
<b>07 71 23 00-0198 Rectangular Galvanized Steel Downspouts</b> (07 71 23 00-0189)		
07 71 23 00-0199 LF 2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout..... <i>For Kynar 500® Finish, Add</i>	3.80 0.91	1.64
07 71 23 00-0200 LF 3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout..... <i>For Kynar 500® Finish, Add</i>	4.78 1.35	1.64
07 71 23 00-0201 LF 4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout..... <i>For Kynar 500® Finish, Add</i>	8.64 3.09	1.64
<b>07 71 23 00-0202 Galvanized Steel Devices</b> (07 71 23 00-0137)		
07 71 23 00-0203 EA Galvanized Steel Leader/Conductor Head ..... <i>For Kynar 500® Finish, Add</i>	153.65 56.61	13.92
07 71 23 00-0204 EA Thru-Wall Galvanized Steel Scupper Outlet ..... <i>For Kynar 500® Finish, Add</i>	88.46 21.01	12.53
<b>07 71 23 00-0205 Stainless Steel Gutters And Downspouts</b> (07 71 23)		
Note: AISI type 304 stainless steel.		
<b>07 71 23 00-0206 Stainless Steel Gutters</b> (07 71 23 00-0205)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
<b>07 71 23 00-0207 K-Style Stainless Steel Gutters</b> (07 71 23 00-0206)		
07 71 23 00-0208 LF 5", 0.018" Thick, K-Style Stainless Steel Gutter.....	14.94	1.70
07 71 23 00-0209 LF 6", 0.018" Thick, K-Style Stainless Steel Gutter.....	17.96	1.70
<b>07 71 23 00-0210 Half Round Stainless Steel Gutters</b> (07 71 23 00-0206)		
07 71 23 00-0211 LF 5", 0.018" Thick, Half Round Stainless Steel Gutter .....	21.15	1.70
07 71 23 00-0212 LF 6", 0.018" Thick, Half Round Stainless Steel Gutter .....	25.69	1.70
<b>07 71 23 00-0213 Stainless Steel Gutter End Caps</b> (07 71 23 00-0205)		
<b>07 71 23 00-0214 K-Style, Stainless Steel Gutter End Caps</b> (07 71 23 00-0213)		
07 71 23 00-0215 EA 5", K-Style Stainless Steel Gutter End Cap .....	5.15	
07 71 23 00-0216 EA 6", K-Style Stainless Steel Gutter End Cap .....	5.91	
<b>07 71 23 00-0217 Half Round, Stainless Steel Gutter End Caps</b> (07 71 23 00-0213)		
07 71 23 00-0218 EA 5", Half Round Stainless Steel Gutter End Cap .....	6.10	
07 71 23 00-0219 EA 6", Half Round Stainless Steel Gutter End Cap .....	7.04	
<b>07 71 23 00-0220 Stainless Steel Gutter Miters</b> (07 71 23 00-0205)		
Note: Inside or outside box miters.		
<b>07 71 23 00-0221 K-Style, Stainless Steel Gutter Miters</b> (07 71 23 00-0220)		
07 71 23 00-0222 EA 5", K-Style Stainless Steel Gutter Miter .....	21.92	
07 71 23 00-0223 EA 6", K-Style Stainless Steel Gutter Miter .....	37.05	
<b>07 71 23 00-0224 Half Round, Stainless Steel Gutter Miters</b> (07 71 23 00-0220)		
07 71 23 00-0225 EA 5", Half Round Stainless Steel Gutter Miter .....	59.73	
07 71 23 00-0226 EA 6", Half Round Stainless Steel Gutter Miter .....	73.57	
<b>07 71 23 00-0227 Stainless Steel Gutter Wire Strainers</b> (07 71 23 00-0205)		
07 71 23 00-0228 EA 3" Diameter, Round Stainless Steel Wire Strainer .....	23.34	1.70
07 71 23 00-0229 EA 4" Diameter, Round Stainless Steel Wire Strainer .....	23.88	1.70
<b>07 71 23 00-0230 Stainless Steel Downspouts</b> (07 71 23 00-0205)		
Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0231 Round Stainless Steel Downspouts</b> (07 71 23 00-0230)		
07 71 23 00-0232 LF 3" Diameter, 0.018" Thick, Round Stainless Steel Downspout .....	14.76	1.64
07 71 23 00-0233 LF 4" Diameter, 0.018" Thick, Round Stainless Steel Downspout .....	26.56	1.64
07 71 23 00-0234 LF 5" Diameter, 0.018" Thick, Round Stainless Steel Downspout .....	41.00	1.64
<b>07 71 23 00-0235 Rectangular Stainless Steel Downspouts</b> (07 71 23 00-0230)		
07 71 23 00-0236 LF 2" x 3", 0.018" Thick, Rectangular Stainless Steel Downspout.....	9.80	1.64
07 71 23 00-0237 LF 3" x 4", 0.018" Thick, Rectangular Stainless Steel Downspout.....	13.06	1.64
07 71 23 00-0238 LF 4" x 5", 0.018" Thick, Rectangular Stainless Steel Downspout.....	32.25	1.64

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0239			<b>Stainless Steel Devices</b> (07 71 23 00-0205)		
07 71 23 00-0240	EA		Thru-Wall Stainless Steel Scupper Outlet.....	171.66	15.37
07 71 23 00-0241	EA		Stainless Steel Leader/Conductor Head.....	210.28	15.37
07 71 23 00-0242			<b>Vinyl Gutters And Downspouts</b> (07 71 23)		
07 71 23 00-0243			<b>Vinyl Gutters</b> (07 71 23 00-0242) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0244			<b>K-Style Vinyl Gutters</b> (07 71 23 00-0243)		
07 71 23 00-0245	LF		4", K-Style Vinyl Gutter .....	6.17	1.70
07 71 23 00-0246	LF		5", K-Style Vinyl Gutter .....	7.88	1.70
07 71 23 00-0247			<b>Half Round Vinyl Gutters</b> (07 71 23 00-0243)		
07 71 23 00-0248	LF		4", Half Round Vinyl Gutter .....	6.37	1.70
07 71 23 00-0249	LF		5", Half Round Vinyl Gutter .....	6.68	1.70
07 71 23 00-0250			<b>Vinyl Gutter End Caps</b> (07 71 23 00-0242)		
07 71 23 00-0251			<b>K-Style, Vinyl Gutter End Caps</b> (07 71 23 00-0250)		
07 71 23 00-0252	EA		4", K-Style Vinyl Gutter End Cap .....	3.78	
07 71 23 00-0253	EA		5", K-Style Vinyl Gutter End Cap .....	5.20	
07 71 23 00-0254			<b>Half Round, Vinyl Gutter End Caps</b> (07 71 23 00-0250)		
07 71 23 00-0255	EA		4", Half Round Vinyl Gutter End Cap .....	4.30	
07 71 23 00-0256	EA		5", Half Round Vinyl Gutter End Cap .....	4.07	
07 71 23 00-0257			<b>Vinyl Gutter Miters</b> (07 71 23 00-0242) Note: Inside or outside miters.		
07 71 23 00-0258			<b>K-Style, Vinyl Gutter Miters</b> (07 71 23 00-0257)		
07 71 23 00-0259	EA		4", K-Style Vinyl Gutter Miter .....	9.32	
07 71 23 00-0260	EA		5", K-Style Vinyl Gutter Miter .....	13.90	
07 71 23 00-0261			<b>Half Round, Vinyl Gutter Miters</b> (07 71 23 00-0257)		
07 71 23 00-0262	EA		4", Half Round Vinyl Gutter Miter .....	9.32	
07 71 23 00-0263	EA		5", Half Round Vinyl Gutter Miter .....	10.11	
07 71 23 00-0264			<b>Vinyl Downspouts</b> (07 71 23 00-0242) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0265			<b>Round Vinyl Downspouts</b> (07 71 23 00-0264)		
07 71 23 00-0266	LF		2-1/2" Diameter, Round Vinyl Downspout.....	4.04	1.64
07 71 23 00-0267	LF		3" Diameter, Round Vinyl Downspout.....	4.20	1.64
07 71 23 00-0268			<b>Square Vinyl Downspouts</b> (07 71 23 00-0264)		
07 71 23 00-0269	LF		2-1/2", Square Vinyl Downspout.....	3.97	1.64
07 71 23 00-0270			<b>Rectangular Vinyl Downspouts</b> (07 71 23 00-0264)		
07 71 23 00-0271	LF		2" x 3", Rectangular Vinyl Downspout.....	5.04	1.64
07 71 23 00-0272			<b>Gutter And Downspout Boot</b> (07 71 23)		
07 71 23 00-0273			<b>Cast Iron Roof Drainage Downspout Boots</b> (07 71 23 00-0272)		
07 71 23 00-0274	EA		2" x 3" Cast Iron Roof Drainage Downspout Boot.....	209.23	2.46
07 71 23 00-0275	EA		3" x 4" Cast Iron Roof Drainage Downspout Boot.....	219.77	2.46
07 71 23 00-0276	EA		4" x 5" Cast Iron Roof Drainage Downspout Boot.....	262.34	2.46
07 71 23 00-0277			<b>Leaf Guards And Cleaning</b> (07 71 23)		
07 71 23 00-0278	LF		Aluminum Mesh Gutter Leaf Guard .....	1.30	0.38
07 71 23 00-0279	LF		Vinyl Mesh Gutter Leaf Guard.....	1.36	0.38
07 71 23 00-0280	LF		6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....	10.65	0.47
07 71 23 00-0281	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....	15.51	0.47
07 71 23 00-0282	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....	8.09	0.47
07 71 23 00-0283	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....	12.75	0.47
07 71 23 00-0284	EA		Cleanout Roof Drain .....	83.51	
			Note: Includes removing dome and flushing.		
07 71 23 00-0285	LF		Clean Gutters And Downspouts.....	0.75	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**07 71 26 Reglets** (07 71)

07 71 26 00-0001			Counter Flashing With Reglet <small>(07 71 26)</small> Note: Includes reglet cut.		
07 71 26 00-0002			Galvanized Steel Counter Flashing With Reglet <small>(07 71 26 00-0001)</small>		
07 71 26 00-0003			Galvanized Steel Counter Flashing With Reglet <small>(07 71 26 00-0002)</small>		
07 71 26 00-0004	LF		28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	7.61	2.47
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	7.68	2.47
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	7.81	2.47
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	8.29	2.47
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	8.56	2.47
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	8.87	2.47

07 71 26 00-0010			KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet <small>(07 71 26 00-0002)</small>		
07 71 26 00-0011	LF		28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	8.80	2.47
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	8.90	2.47
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	9.09	2.47
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	9.78	2.47
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	10.18	2.47
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	10.64	2.47

07 71 26 00-0017			Aluminum Counter Flashing With Reglet <small>(07 71 26 00-0001)</small>		
07 71 26 00-0018			KYNAR 500® Finish, Aluminum Counter Flashing With Reglet <small>(07 71 26 00-0017)</small>		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	8.53	2.47
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	9.09	2.47
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	9.66	2.47
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	10.07	2.47
07 71 26 00-0023	LF		0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	10.97	2.47
07 71 26 00-0024	LF		0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	12.29	2.47

07 71 26 00-0025			Mill Finish, Aluminum Counter Flashing With Reglet <small>(07 71 26 00-0017)</small>		
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	7.24	2.47
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	7.60	2.47
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	7.96	2.47
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	8.22	2.47
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	8.80	2.47
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	9.64	2.47

07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet <small>(07 71 26 00-0017)</small>		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	8.27	2.47
07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	8.79	2.47
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	9.31	2.47
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	9.69	2.47
07 71 26 00-0037	LF		0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	10.53	2.47
07 71 26 00-0038	LF		0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	11.75	2.47

07 71 26 00-0039			Stainless Steel Counter Flashing With Reglet <small>(07 71 26 00-0001)</small>		
07 71 26 00-0040			Stainless Steel Counter Flashing With Reglet <small>(07 71 26 00-0039)</small>		
07 71 26 00-0041	LF		24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	11.48	2.47
07 71 26 00-0042	LF		20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	12.64	2.47

07 71 26 00-0043			Copper Counter Flashing With Reglet <small>(07 71 26 00-0001)</small>		
07 71 26 00-0044			Copper Counter Flashing With Reglet <small>(07 71 26 00-0043)</small>		
07 71 26 00-0045	LF		16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	22.12	2.47

**07 72 Roof Accessories** (07 70)

**07 72 13 Manufactured Curbs** (07 72)

07 72 13 00-0001			Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13)</small>		
07 72 13 00-0002			Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0001)</small> Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003			18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0002)</small>		
07 72 13 00-0004			9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0003)</small>		

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0005	EA		26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	238.92	48.96
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	42.89	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	19.00	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0006	EA		26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	244.92	48.96
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	44.09	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	19.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0007	EA		26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	260.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	46.52	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.51	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0008	EA		26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	283.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	51.12	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.81	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	
07 72 13 00-0009	EA		26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	300.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	54.52	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.51	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0010	EA		26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	380.40	61.20
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	69.96	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.92	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0011	EA		38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	246.92	48.96
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	44.49	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	19.80	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0012	EA		38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	261.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	46.72	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.61	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	
07 72 13 00-0013	EA		38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	274.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	49.32	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.91	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0014	EA		38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	279.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	50.32	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.41	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0015	EA		38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	364.40	61.20
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	66.76	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.32	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0016	EA		38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	397.64	67.32
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	72.80	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.03	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	
07 72 13 00-0017	EA		50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	307.16	55.08
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	55.92	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	25.21	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0018	EA		50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	332.40	61.20
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	60.36	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.12	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.75	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	50.75	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.75	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0019	EA			50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	343.40	61.20
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	62.56	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	28.22	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0020	EA			50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	376.64	67.32
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	68.60	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.93	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0021	EA			51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	400.88	73.44
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	72.83	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.74	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0022	EA			51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	433.12	79.56
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	78.67	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.36	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	
07 72 13 00-0023	EA			62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	343.40	61.20
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	62.56	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	28.22	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0024	EA			62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	365.64	67.32
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	66.40	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.83	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0025	EA			62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	399.88	73.44
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	72.63	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.64	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0026	EA			62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	409.88	73.44
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	74.63	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.64	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0027	EA			62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	444.12	79.56
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	80.87	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.46	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	
07 72 13 00-0028				<b>12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0003)</small>		
07 72 13 00-0029	EA			26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	251.92	48.96
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	45.49	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.30	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0030	EA			26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	254.92	48.96
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	46.09	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.60	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0031	EA			26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	270.16	55.08
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	48.52	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.51	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0032	EA			26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	296.16	55.08
				<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	53.72	
				<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.11	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
				<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
				<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0033	EA		26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	315.16 57.52 26.01 9.15 58.15 64.15	55.08
07 72 13 00-0034	EA		26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	392.40 72.36 33.12 10.95 55.95 74.95	61.20
07 72 13 00-0035	EA		38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	255.92 46.29 20.70 5.25 45.25 63.25	48.96
07 72 13 00-0036	EA		38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	288.16 52.12 23.31 6.30 48.30 65.30	55.08
07 72 13 00-0037	EA		38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	308.16 56.12 25.31 7.80 51.80 65.80	55.08
07 72 13 00-0038	EA		38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.16 60.72 27.61 9.30 57.30 70.30	55.08
07 72 13 00-0039	EA		38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	380.40 69.96 31.92 12.00 65.00 85.00	61.20
07 72 13 00-0040	EA		38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	417.64 76.80 35.03 14.70 75.70 99.70	67.32
07 72 13 00-0041	EA		50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	319.16 58.32 26.41 8.10 52.10 63.10	55.08
07 72 13 00-0042	EA		50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	342.40 62.36 28.12 9.75 50.75 70.75	61.20
07 72 13 00-0043	EA		50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	358.40 65.56 29.72 11.55 46.55 80.55	61.20
07 72 13 00-0044	EA		50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	392.64 71.80 32.53 13.50 58.50 90.50	67.32
07 72 13 00-0045	EA		51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	419.88 76.63 34.64 15.45 71.45 96.45	73.44
07 72 13 00-0046	EA		51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	455.12 83.07 37.56 18.60 81.60 115.60	79.56



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0047 EA 62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	358.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	65.56	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.72	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0048 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	381.64	67.32
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	69.60	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.43	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0049 EA 62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	416.88	73.44
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	76.03	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.34	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0050 EA 62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	429.88	73.44
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	78.63	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.64	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0051 EA 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	466.12	79.56
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	85.27	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.66	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	
<b>07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b>		
<small>(07 72 13 00-0003)</small>		
07 72 13 00-0053 EA 26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	258.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	46.89	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.00	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0054 EA 26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	261.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	47.49	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0055 EA 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	275.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	49.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.01	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0056 EA 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	304.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	55.32	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.91	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	
07 72 13 00-0057 EA 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	326.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	59.72	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.11	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0058 EA 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	406.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	75.16	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0059 EA 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	261.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	47.49	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0060 EA 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	275.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	49.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.01	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0061	EA		38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	326.16 59.72 27.11 7.80 51.80 65.80	55.08
07 72 13 00-0062	EA		38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	350.16 64.52 29.51 9.30 57.30 70.30	55.08
07 72 13 00-0063	EA		38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	392.40 72.36 33.12 12.00 65.00 85.00	61.20
07 72 13 00-0064	EA		38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	430.64 79.40 36.33 14.70 75.70 99.70	67.32
07 72 13 00-0065	EA		50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	327.16 59.92 27.21 8.10 52.10 63.10	55.08
07 72 13 00-0066	EA		50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	353.40 64.56 29.22 9.75 50.75 70.75	61.20
07 72 13 00-0067	EA		50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	368.40 67.56 30.72 11.55 46.55 80.55	61.20
07 72 13 00-0068	EA		50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	404.64 74.20 33.73 13.50 58.50 90.50	67.32
07 72 13 00-0069	EA		51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	431.88 79.03 35.84 15.45 71.45 96.45	73.44
07 72 13 00-0070	EA		51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	469.12 85.87 38.96 18.60 81.60 115.60	79.56
07 72 13 00-0071	EA		62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	368.40 67.56 30.72 12.30 45.30 83.30	61.20
07 72 13 00-0072	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	392.64 71.80 32.53 14.10 63.10 94.10	67.32
07 72 13 00-0073	EA		62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	429.88 78.63 35.64 18.30 67.30 96.30	73.44
07 72 13 00-0074	EA		62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	442.88 81.23 36.94 18.30 67.30 117.30	73.44



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0075 EA 62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	481.12	79.56
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	88.27	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	
<b>07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)</b>		
<b>07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)</b>		
07 72 13 00-0078 EA 26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	227.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	40.69	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	17.90	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0079 EA 26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	240.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	43.29	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	19.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0080 EA 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	278.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	50.12	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.31	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0081 EA 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	308.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	56.12	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	25.31	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	
07 72 13 00-0082 EA 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	330.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	60.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.51	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0083 EA 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	422.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	78.36	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0084 EA 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	264.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	48.09	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0085 EA 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	286.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	51.72	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.11	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	
07 72 13 00-0086 EA 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	296.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	53.72	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	24.11	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0087 EA 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	305.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	55.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	25.01	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0088 EA 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	398.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	73.56	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.72	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0089 EA 38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	437.64	67.32
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	80.80	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.03	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0090	EA		50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.16 60.72 27.61 8.10 52.10 63.10	55.08
07 72 13 00-0091	EA		50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	357.40 65.36 29.62 9.75 50.75 70.75	61.20
07 72 13 00-0092	EA		50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	373.40 68.56 31.22 11.55 46.55 80.55	61.20
07 72 13 00-0093	EA		50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	410.64 75.40 34.33 13.50 58.50 90.50	67.32
07 72 13 00-0094	EA		51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	437.88 80.23 36.44 15.45 71.45 96.45	73.44
07 72 13 00-0095	EA		51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	476.12 87.27 39.66 18.60 81.60 115.60	79.56
07 72 13 00-0096	EA		62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	373.40 68.56 31.22 12.30 45.30 83.30	61.20
07 72 13 00-0097	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	397.64 72.80 33.03 14.10 63.10 94.10	67.32
07 72 13 00-0098	EA		62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	435.88 79.83 36.24 18.30 67.30 96.30	73.44
07 72 13 00-0099	EA		62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	449.88 82.63 37.64 18.30 67.30 117.30	73.44
07 72 13 00-0100	EA		62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	489.12 89.87 40.96 23.10 73.10 137.10	79.56
07 72 13 00-0101			<b>12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0076)</small>		
07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	236.92 42.49 18.80 3.30 24.30 35.30	48.96
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	251.92 45.49 20.30 4.05 32.05 42.05	48.96





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0104 EA 26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	293.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	53.12	
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0105 EA 26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	326.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.72	
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	58.60	
07 72 13 00-0106 EA 26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	353.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	65.12	
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0107 EA 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	426.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	79.16	
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	10.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	55.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	74.95	
07 72 13 00-0108 EA 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	277.92	48.96
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	50.69	
For Sloped Roofs Up To 1 In 12 Pitch, Add	22.90	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	5.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.25	
07 72 13 00-0109 EA 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	302.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.92	
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	48.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.30	
07 72 13 00-0110 EA 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	315.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	57.52	
For Sloped Roofs Up To 1 In 12 Pitch, Add	26.01	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0111 EA 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	327.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.92	
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0112 EA 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	422.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	78.36	
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0113 EA 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	466.64	67.32
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	86.60	
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.93	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.70	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	75.70	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	99.70	
07 72 13 00-0114 EA 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	349.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.32	
For Sloped Roofs Up To 1 In 12 Pitch, Add	29.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0115 EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	377.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.36	
For Sloped Roofs Up To 1 In 12 Pitch, Add	31.62	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	50.75	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.75	
07 72 13 00-0116 EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	396.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.16	
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0117 EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	434.64	67.32
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	80.20	
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	13.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.50	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	90.50	

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0118	EA		51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	465.88 85.83 39.24 15.45 71.45 96.45	73.44
07 72 13 00-0119	EA		51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	508.12 93.67 42.86 18.60 81.60 115.60	79.56
07 72 13 00-0120	EA		62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	396.40 73.16 33.52 12.30 45.30 83.30	61.20
07 72 13 00-0121	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	423.64 78.00 35.63 14.10 63.10 94.10	67.32
07 72 13 00-0122	EA		62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	463.88 85.43 39.04 18.30 67.30 96.30	73.44
07 72 13 00-0123	EA		62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	478.88 88.43 40.54 18.30 67.30 117.30	73.44
07 72 13 00-0124	EA		62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	523.12 96.67 44.36 23.10 73.10 137.10	79.56
07 72 13 00-0125			<b>14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0076)</small>		
07 72 13 00-0126	EA		26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	243.92 43.89 19.50 3.30 24.30 35.30	48.96
07 72 13 00-0127	EA		26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	259.92 47.09 21.10 4.05 32.05 42.05	48.96
07 72 13 00-0128	EA		26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	302.16 54.92 24.71 4.95 39.95 46.95	55.08
07 72 13 00-0129	EA		26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	338.16 62.12 28.31 6.60 51.60 58.60	55.08
07 72 13 00-0130	EA		26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	368.16 68.12 31.31 9.15 58.15 64.15	55.08
07 72 13 00-0131	EA		26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	458.40 85.56 39.72 10.95 55.95 74.95	61.20



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0132 EA 38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	287.92	48.96
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.69	
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.90	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	5.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.25	
07 72 13 00-0133 EA 38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	319.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	58.32	
For Sloped Roofs Up To 1 In 12 Pitch, Add	26.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	48.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.30	
07 72 13 00-0134 EA 38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	337.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	61.92	
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0135 EA 38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	341.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	62.72	
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.61	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0136 EA 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	440.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.96	
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0137 EA 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	486.64	67.32
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	90.60	
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.93	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.70	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	75.70	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	99.70	
07 72 13 00-0138 EA 50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	361.16	55.08
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.72	
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.61	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0139 EA 50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	390.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.96	
For Sloped Roofs Up To 1 In 12 Pitch, Add	32.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	50.75	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.75	
07 72 13 00-0140 EA 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	411.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.16	
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.02	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0141 EA 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	452.64	67.32
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.80	
For Sloped Roofs Up To 1 In 12 Pitch, Add	38.53	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	13.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.50	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	90.50	
07 72 13 00-0142 EA 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	483.88	73.44
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.43	
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0143 EA 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	530.12	79.56
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	98.07	
For Sloped Roofs Up To 1 In 12 Pitch, Add	45.06	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	81.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	115.60	
07 72 13 00-0144 EA 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	411.40	61.20
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.16	
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.02	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0145 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	441.64	67.32
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.60	
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 72</b>	<b>Roof Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0146	EA		62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	480.88 88.83 40.74 18.30 67.30 96.30	73.44
07 72 13 00-0147	EA		62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	498.88 92.43 42.54 18.30 67.30 117.30	73.44
07 72 13 00-0148	EA		62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	545.12 101.07 46.56 23.10 73.10 137.10	79.56
07 72 13 00-0149			<b>Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs</b> <sup>(07 72 13 00-0001)</sup> Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.		
07 72 13 00-0150			<b>6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs</b> <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0151	EA		14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	285.56 52.22 23.66	48.96
07 72 13 00-0152	EA		23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	368.86 68.88 31.99	48.96
07 72 13 00-0153	EA		32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	427.42 79.98 37.23	55.08
07 72 13 00-0154	EA		41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	493.94 93.28 43.89	55.08
07 72 13 00-0155	EA		50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	544.85 102.85 48.37	61.20
07 72 13 00-0156			<b>12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs</b> <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0157	EA		14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	407.53 76.61 35.86	48.96
07 72 13 00-0158	EA		23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	520.58 99.22 47.16	48.96
07 72 13 00-0159	EA		32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	536.01 101.69 48.09	55.08
07 72 13 00-0160	EA		41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	578.51 110.19 52.34	55.08
07 72 13 00-0161	EA		50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	650.25 123.93 58.91	61.20
07 72 13 00-0162	EA		64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	826.12 158.49 75.88	67.32
07 72 13 00-0163			<b>18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs</b> <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0164	EA		17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	607.92 116.69 55.90	48.96



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0165 EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	723.52	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	139.81	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.46	
07 72 13 00-0166 EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	873.04	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	169.10	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	81.80	
<b>07 72 13 00-0167 Wood, Prefabricated Roof Curbs</b> <small>(07 72 13)</small>		
<small>Note: Includes Douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.</small>		
<b>07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0167)</small>		
<b>07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0168)</small>		
07 72 13 00-0170 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	178.92	48.96
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	30.89	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	13.00	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0171 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	197.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	33.92	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	14.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0172 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	223.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	39.12	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	16.81	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0173 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	220.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	38.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	16.51	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0174 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	227.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	39.92	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	17.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0175 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	256.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	45.16	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	19.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0176 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	225.16	55.08
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	39.52	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	17.01	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0177 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	265.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	46.96	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.42	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0178 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	289.88	73.44
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	50.63	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.64	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0179 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	247.40	61.20
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	43.36	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	18.62	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0180 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	271.64	67.32
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	47.60	
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	20.43	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0181	EA		62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	309.88 54.63 23.64 18.30 67.30 117.30	73.44
<b>07 72 13 00-0182</b>			<b>2 x 8 Wood Framed, Prefabricated Roof Curbs</b> (07 72 13 00-0182)		
07 72 13 00-0183	EA		26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	184.92 32.09 13.60 3.30 24.30 35.30	48.96
07 72 13 00-0184	EA		26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	204.16 35.32 14.91 4.95 39.95 46.95	55.08
07 72 13 00-0185	EA		26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.16 42.92 18.71 9.15 58.15 64.15	55.08
07 72 13 00-0186	EA		38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	232.16 40.92 17.71 7.80 51.80 65.80	55.08
07 72 13 00-0187	EA		38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	242.16 42.92 18.71 9.30 57.30 70.30	55.08
07 72 13 00-0188	EA		38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	271.40 48.16 21.02 12.00 65.00 85.00	61.20
07 72 13 00-0189	EA		50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	236.16 41.72 18.11 8.10 52.10 63.10	55.08
07 72 13 00-0190	EA		50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	279.40 49.76 21.82 11.55 46.55 80.55	61.20
07 72 13 00-0191	EA		51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	303.88 53.43 23.04 15.45 71.45 96.45	73.44
07 72 13 00-0192	EA		62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	258.40 45.56 19.72 12.30 45.30 83.30	61.20
07 72 13 00-0193	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	284.64 50.20 21.73 14.10 63.10 94.10	67.32
07 72 13 00-0194	EA		62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	323.88 57.43 25.04 18.30 67.30 117.30	73.44
<b>07 72 13 00-0195</b>			<b>2 x 10 Wood Framed, Prefabricated Roof Curbs</b> (07 72 13 00-0195)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0196 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	188.92 32.89 14.00 3.30 24.30 35.30	48.96
07 72 13 00-0197 EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.16 36.72 15.61 4.95 39.95 46.95	55.08
07 72 13 00-0198 EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	244.16 43.32 18.91 9.15 58.15 64.15	55.08
07 72 13 00-0199 EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	239.16 42.32 18.41 7.80 51.80 65.80	55.08
07 72 13 00-0200 EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	251.16 44.72 19.61 9.30 57.30 70.30	55.08
07 72 13 00-0201 EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	281.40 50.16 22.02 12.00 65.00 85.00	61.20
07 72 13 00-0202 EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	243.16 43.12 18.81 8.10 52.10 63.10	55.08
07 72 13 00-0203 EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	288.40 51.56 22.72 11.55 46.55 80.55	61.20
07 72 13 00-0204 EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	312.88 55.23 23.94 15.45 71.45 96.45	73.44
07 72 13 00-0205 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	265.40 46.96 20.42 12.30 45.30 83.30	61.20
07 72 13 00-0206 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	292.64 51.80 22.53 14.10 63.10 94.10	67.32
07 72 13 00-0207 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	333.88 59.43 26.04 18.30 67.30 117.30	73.44
<b>07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0196)</small></b>		
07 72 13 00-0209 EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	193.92 33.89 14.50 3.30 24.30 35.30	48.96

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0210	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	215.16 37.52 16.01 4.95 39.95 46.95	55.08
07 72 13 00-0211	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	253.16 45.12 19.81 9.15 58.15 64.15	55.08
07 72 13 00-0212	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	261.16 46.72 20.61 9.30 57.30 70.30	55.08
07 72 13 00-0213	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	292.40 52.36 23.12 12.00 65.00 85.00	61.20
07 72 13 00-0214	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.16 44.92 19.71 8.10 52.10 63.10	55.08
07 72 13 00-0215	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	298.40 53.56 23.72 11.55 46.55 80.55	61.20
07 72 13 00-0216	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	324.88 57.63 25.14 15.45 71.45 96.45	73.44
07 72 13 00-0217	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	300.64 53.40 23.33 14.10 63.10 94.10	67.32
07 72 13 00-0218			Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0219			2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0220	EA		26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.92 32.49 13.80 3.30 24.30 35.30	48.96
07 72 13 00-0221	EA		26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	204.16 35.32 14.91 4.95 39.95 46.95	55.08
07 72 13 00-0222	EA		26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	236.16 41.72 18.11 9.15 58.15 64.15	55.08
07 72 13 00-0223	EA		38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	229.16 40.32 17.41 7.80 51.80 65.80	55.08
07 72 13 00-0224	EA		38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	238.16 42.12 18.31 9.30 57.30 70.30	55.08





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0225 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	268.40 47.56 20.72 12.00 65.00 85.00	61.20
07 72 13 00-0226 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	234.16 41.32 17.91 8.10 52.10 63.10	55.08
07 72 13 00-0227 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	276.40 49.16 21.52 11.55 46.55 80.55	61.20
07 72 13 00-0228 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	300.88 52.83 22.74 15.45 71.45 96.45	73.44
07 72 13 00-0229 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	259.40 45.76 19.82 12.30 45.30 83.30	61.20
07 72 13 00-0230 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	282.64 49.80 21.53 14.10 63.10 94.10	67.32
07 72 13 00-0231 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	323.88 57.43 25.04 18.30 67.30 117.30	73.44
<b>07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)</b>		
07 72 13 00-0233 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	193.92 33.89 14.50 3.30 24.30 35.30	48.96
07 72 13 00-0234 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	212.16 36.92 15.71 4.95 39.95 46.95	55.08
07 72 13 00-0235 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	248.16 44.12 19.31 9.15 58.15 64.15	55.08
07 72 13 00-0236 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	241.16 42.72 18.61 7.80 51.80 65.80	55.08
07 72 13 00-0237 EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	254.16 45.32 19.91 9.30 57.30 70.30	55.08
07 72 13 00-0238 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	286.40 51.16 22.52 12.00 65.00 85.00	61.20

**07 Thermal And Moisture Protection**  
**07 70 Roof And Wall Specialties And Accessories**  
**07 72 Roof Accessories**



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0239	EA		50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	248.16 44.12 19.31 8.10 52.10 63.10	55.08
07 72 13 00-0240	EA		50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	293.40 52.56 23.22 11.55 46.55 80.55	61.20
07 72 13 00-0241	EA		51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	319.88 56.63 24.64 15.45 71.45 96.45	73.44
07 72 13 00-0242	EA		62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	272.40 48.36 21.12 12.30 45.30 83.30	61.20
07 72 13 00-0243	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	297.64 52.80 23.03 14.10 63.10 94.10	67.32
07 72 13 00-0244	EA		62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	340.88 60.83 26.74 18.30 67.30 117.30	73.44
<b>07 72 13 00-0245</b>			<b>2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small></b>		
07 72 13 00-0246	EA		26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	199.92 35.09 15.10 3.30 24.30 35.30	48.96
07 72 13 00-0247	EA		26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	220.16 38.52 16.51 4.95 39.95 46.95	55.08
07 72 13 00-0248	EA		26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	260.16 46.52 20.51 9.15 58.15 64.15	55.08
07 72 13 00-0249	EA		38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	250.16 44.52 19.51 7.80 51.80 65.80	55.08
07 72 13 00-0250	EA		38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	266.16 47.72 21.11 9.30 57.30 70.30	55.08
07 72 13 00-0251	EA		38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	299.40 53.76 23.82 12.00 65.00 85.00	61.20
07 72 13 00-0252	EA		50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For Sloped Roofs Up To 1 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	257.16 45.92 20.21 8.10 52.10 63.10	55.08



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0253 EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	304.40 54.76 24.32 11.55 46.55 80.55	61.20
07 72 13 00-0254 EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	331.88 59.03 25.84 15.45 71.45 96.45	73.44
07 72 13 00-0255 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	282.40 50.36 22.12 12.30 45.30 83.30	61.20
07 72 13 00-0256 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	308.64 55.00 24.13 14.10 63.10 94.10	67.32
07 72 13 00-0257 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	353.88 63.43 28.04 18.30 67.30 117.30	73.44
<b>07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small></b>		
07 72 13 00-0259 EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.92 37.49 16.30 3.30 24.30 35.30	48.96
07 72 13 00-0260 EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	226.16 39.72 17.11 4.95 39.95 46.95	55.08
07 72 13 00-0261 EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	269.16 48.32 21.41 9.15 58.15 64.15	55.08
07 72 13 00-0262 EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	276.16 49.72 22.11 9.30 57.30 70.30	55.08
07 72 13 00-0263 EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	337.40 61.36 27.62 12.00 65.00 85.00	61.20
07 72 13 00-0264 EA 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	286.16 51.72 23.11 8.10 52.10 63.10	55.08
07 72 13 00-0265 EA 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	339.40 61.76 27.82 11.55 46.55 80.55	61.20
07 72 13 00-0266 EA 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb ..... <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	371.88 67.03 29.84 15.45 71.45 96.45	73.44

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 72</b>	<b>Roof Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0267	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	345.64	67.32
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	62.40	
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.83	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
<b>07 72 23 Relief Vents (07 72)</b>					
07 72 23 00-0001			<b>Wind Driven Turbine Ventilators (07 72 23)</b>		
			Note: Excludes curb or flange base.		
07 72 23 00-0002			<b>Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)</b>		
07 72 23 00-0003	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	85.05	19.13
			<i>For Curb Or Flange Base, Add</i>	97.57	
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	101.83	21.18
			<i>For Curb Or Flange Base, Add</i>	107.43	
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	110.42	25.27
			<i>For Curb Or Flange Base, Add</i>	120.28	
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	208.00	28.01
			<i>For Curb Or Flange Base, Add</i>	188.32	
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	285.13	31.42
			<i>For Curb Or Flange Base, Add</i>	204.40	
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	343.23	34.16
			<i>For Curb Or Flange Base, Add</i>	221.73	
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	437.48	38.25
			<i>For Curb Or Flange Base, Add</i>	270.26	
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	720.48	51.23
			<i>For Curb Or Flange Base, Add</i>	438.74	
07 72 23 00-0011			<b>Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)</b>		
07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	89.56	19.13
			<i>For Curb Or Flange Base, Add</i>	107.54	
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	111.64	21.18
			<i>For Curb Or Flange Base, Add</i>	118.46	
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	125.05	25.27
			<i>For Curb Or Flange Base, Add</i>	131.52	
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	222.52	28.01
			<i>For Curb Or Flange Base, Add</i>	224.04	
07 72 23 00-0016	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	287.11	31.42
			<i>For Curb Or Flange Base, Add</i>	239.52	
07 72 23 00-0017	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	363.13	34.16
			<i>For Curb Or Flange Base, Add</i>	269.79	
07 72 23 00-0018	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	490.27	38.25
			<i>For Curb Or Flange Base, Add</i>	325.73	
07 72 23 00-0019	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	730.20	51.23
			<i>For Curb Or Flange Base, Add</i>	489.39	
07 72 23 00-0020			<b>Stationary Siphon Ventilators (07 72 23)</b>		
			Note: Excludes curb or flange base.		
07 72 23 00-0021			<b>Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)</b>		
07 72 23 00-0022	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	72.38	19.13
			<i>For Curb Or Flange Base, Add</i>	97.57	
07 72 23 00-0023	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	94.58	21.18
			<i>For Curb Or Flange Base, Add</i>	107.43	
07 72 23 00-0024	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	104.48	25.27
			<i>For Curb Or Flange Base, Add</i>	120.28	
07 72 23 00-0025	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	175.47	28.01
			<i>For Curb Or Flange Base, Add</i>	188.32	
07 72 23 00-0026	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	202.81	31.42
			<i>For Curb Or Flange Base, Add</i>	204.40	
07 72 23 00-0027	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	285.05	34.16
			<i>For Curb Or Flange Base, Add</i>	221.73	
07 72 23 00-0028	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	370.06	38.25
			<i>For Curb Or Flange Base, Add</i>	270.26	
07 72 23 00-0029	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	535.51	51.23
			<i>For Curb Or Flange Base, Add</i>	438.74	
07 72 23 00-0030			<b>Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)</b>		
07 72 23 00-0031	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	86.11	19.13
			<i>For Curb Or Flange Base, Add</i>	107.54	
07 72 23 00-0032	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	113.70	21.18
			<i>For Curb Or Flange Base, Add</i>	118.46	
07 72 23 00-0033	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	126.79	25.27
			<i>For Curb Or Flange Base, Add</i>	131.52	
07 72 23 00-0034	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	206.25	28.01
			<i>For Curb Or Flange Base, Add</i>	224.04	
07 72 23 00-0035	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	259.45	31.42
			<i>For Curb Or Flange Base, Add</i>	239.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0036 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	318.18 269.79	34.16
07 72 23 00-0037 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	455.71 325.73	38.25
07 72 23 00-0038 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... <i>For Curb Or Flange Base, Add</i>	686.03 489.39	51.23
<b>07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators</b> (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040 EA 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	175.48 93.87 137.67	30.74
07 72 23 00-0041 EA 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	216.81 102.71 150.57	34.16
07 72 23 00-0042 EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	244.94 140.26 191.07	40.98
07 72 23 00-0043 EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	299.36 160.14 221.55	45.09
07 72 23 00-0044 EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	804.19 201.00 291.57	61.48
07 72 23 00-0045 EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	982.71 237.44 348.70	71.05
07 72 23 00-0046 EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	1,341.35 237.44 362.25	81.97
07 72 23 00-0047 EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	1,889.63 248.49 375.12	88.81
07 72 23 00-0048 EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... <i>For Backdraft Damper, Add</i> <i>For Curb Base, Add</i>	2,723.97 276.10 422.25	95.63
<b>07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators</b> (07 72 23) Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050 EA 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	297.57	34.16
07 72 23 00-0051 EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	349.91	45.09
07 72 23 00-0052 EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	503.22	61.48
07 72 23 00-0053 EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	776.80	71.05
<b>07 72 26 Ridge Vents</b> (07 72)		
<b>07 72 26 00-0001 Aluminum Ridge Vents</b> (07 72 26)		
07 72 26 00-0002 LF Aluminum Ridge Vent Strips.....	6.32	1.99
07 72 26 00-0003 EA Aluminum Ridge Univent Connectors.....	29.40	12.30
07 72 26 00-0004 EA Aluminum Ridge Univent End Cap.....	28.25	12.30
<b>07 72 26 00-0005 Galvanized Ridge Vents</b> (07 72 26)		
07 72 26 00-0006 LF Galvanized Sheet Metal Ridge Vent Strips.....	7.53	2.12
<b>07 72 29 Rafter Vent</b> (07 72)		
<b>07 72 29 00-0001 Rafter Vent</b> (07 72 29) Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002 EA 22" x 4' Rafter Vent.....	5.61	
07 72 29 00-0003 EA 14" x 4' Rafter Vent.....	5.07	
<b>07 72 33 Roof Hatches</b> (07 72) Note: Includes curb with integral insulation, lockable hatch and gaskets.		
<b>07 72 33 00-0001 Galvanized Steel Cover And Curb</b> (07 72 33)		
07 72 33 00-0002 EA 2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20).....	809.21	83.22
07 72 33 00-0003 EA 2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20).....	1,201.67	92.47
07 72 33 00-0004 EA 2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20).....	2,139.75	126.10
07 72 33 00-0005 EA 3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20).....	1,186.93	92.47
07 72 33 00-0006 EA 4'-0" x 4'-0" Galvanized Steel Roof Hatch.....	1,340.31	102.75
07 72 33 00-0007 EA 3'-0" x 8'-0" Galvanized Steel Roof Hatch.....	2,212.06	140.15
<b>07 72 33 00-0008 Aluminum Cover And Curb</b> (07 72 33)		
07 72 33 00-0009 EA 2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50).....	924.50	83.22
07 72 33 00-0010 EA 2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50).....	1,219.20	92.47
07 72 33 00-0011 EA 2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50).....	2,263.01	126.10

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 72</b>	<b>Roof Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0012	EA		3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50) .....	1,198.08	92.47
07 72 33 00-0013	EA		4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50).....	2,200.49	102.75
07 72 33 00-0014	EA		3'-0" x 8'-0" Aluminum Roof Hatch .....	2,390.05	140.15
07 72 33 00-0015	EA		3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50) .....	1,358.04	92.47
<b>07 72 33 00-0016</b>			<b>Steel, Plain, Primed</b> (07 72 33)		
07 72 33 00-0017	EA		2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20).....	774.34	83.22
07 72 33 00-0018	EA		2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20) .....	1,056.85	92.47
07 72 33 00-0019	EA		2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20) .....	1,448.10	126.10
07 72 33 00-0020	EA		3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20) .....	981.05	92.47
07 72 33 00-0021	EA		4'-0" x 4'-0" Plain Steel Roof Hatch.....	1,207.49	102.75
07 72 33 00-0022	EA		3'-0" x 8'-0" Plain Steel Roof Hatch Primed.....	1,640.92	140.15
<b>07 72 33 00-0023</b>			<b>Stainless Steel</b> (07 72 33)		
07 72 33 00-0024	EA		2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90).....	2,170.42	83.22
07 72 33 00-0025	EA		2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90) .....	4,228.54	92.47
07 72 33 00-0026	EA		2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90) .....	6,373.37	126.10
07 72 33 00-0027	EA		3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90).....	3,380.54	92.47
07 72 33 00-0028	EA		4'-0" x 4'-0" Stainless Steel Roof Hatch .....	7,241.88	102.75
07 72 33 00-0029	EA		3'-0" x 8'-0" Stainless Steel Roof Hatch .....	8,086.14	140.15
<b>07 72 33 00-0030</b>			<b>Remove And Reinstall Roof Hatch</b> (07 72 33) Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA		Remove And Reinstall Roof Hatch (All Types) .....	255.97	
<b>07 72 33 00-0032</b>			<b>Aluminum Cover And Galvanized Steel Curb</b> (07 72 33)		
07 72 33 00-0033	EA		Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40) .....	892.62	92.47
07 72 33 00-0034	EA		Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40).....	1,187.32	102.75
07 72 33 00-0035	EA		Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40) .....	2,180.13	140.09
07 72 33 00-0036	EA		Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40) .....	1,172.58	95.35
07 72 33 00-0037	EA		Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40).....	2,130.36	105.65
<b>07 72 33 00-0038</b>			<b>Roof Hatch Accessories</b> (07 72 33)		
07 72 33 00-0039	EA		Roof Hatch Ladderup Safety Post (Bilco LU-1).....	537.71	43.35
<b>07 72 36</b>			<b>Smoke Vents</b> (07 72)		
<b>07 72 36 00-0001</b>			<b>Fire Vent</b> (07 72 36)		
<b>07 72 36 00-0002</b>			<b>Galvanized Steel Covers And Curb</b> (07 72 36 00-0001)		
07 72 36 00-0003	EA		4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848).....	2,187.66	77.09
07 72 36 00-0004	EA		4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872).....	2,509.94	105.99
07 72 36 00-0005	EA		4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890).....	2,863.09	115.64
07 72 36 00-0006	EA		4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896).....	2,918.25	121.42
07 72 36 00-0007	EA		5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060).....	3,399.87	105.99
07 72 36 00-0008	EA		5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072).....	3,613.55	115.64
07 72 36 00-0009	EA		5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084).....	3,813.93	125.29
07 72 36 00-0010	EA		5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096).....	4,346.40	134.94
07 72 36 00-0011	EA		5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120).....	5,403.53	144.54
07 72 36 00-0012	EA		5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666).....	3,608.05	125.29
07 72 36 00-0013	EA		5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114).....	7,636.15	154.19
07 72 36 00-0014	EA		6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272).....	4,150.67	163.84
<b>07 72 36 00-0015</b>			<b>Aluminum Covers And Galvanized Steel Curb</b> (07 72 36 00-0001)		
07 72 36 00-0016	EA		4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A) .....	2,181.28	77.09
07 72 36 00-0017	EA		4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A) .....	2,486.03	105.99
07 72 36 00-0018	EA		4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A) .....	2,800.13	115.64
07 72 36 00-0019	EA		4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A) .....	2,898.06	121.42
07 72 36 00-0020	EA		5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A) .....	2,823.94	105.99
07 72 36 00-0021	EA		5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A) .....	3,622.58	115.64
07 72 36 00-0022	EA		5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A) .....	3,872.91	125.29
07 72 36 00-0023	EA		5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A) .....	3,759.84	134.94
07 72 36 00-0024	EA		5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A) .....	5,317.19	144.54
07 72 36 00-0025	EA		5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A) .....	3,649.76	125.29
07 72 36 00-0026	EA		5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A) .....	7,002.05	154.19
07 72 36 00-0027	EA		6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A) .....	3,548.17	163.84
<b>07 72 36 00-0028</b>			<b>Aluminum Covers And Curb</b> (07 72 36 00-0001)		
07 72 36 00-0029	EA		4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B) .....	2,385.30	77.09
07 72 36 00-0030	EA		4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B) .....	2,823.94	105.99
07 72 36 00-0031	EA		4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B) .....	3,099.78	115.64
07 72 36 00-0032	EA		4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B) .....	3,280.59	121.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0033 EA 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B) .....	2,976.96	105.99
07 72 36 00-0034 EA 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B) .....	3,781.97	115.64
07 72 36 00-0035 EA 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B) .....	4,013.17	125.29
07 72 36 00-0036 EA 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B) .....	4,142.38	134.94
07 72 36 00-0037 EA 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B) .....	5,043.04	144.54
07 72 36 00-0038 EA 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B) .....	3,828.28	125.29
07 72 36 00-0039 EA 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B) .....	7,658.73	154.19
07 72 36 00-0040 EA 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B) .....	3,930.71	163.84
<b>07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb</b> (07 72 36)		
07 72 36 00-0042 EA 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B).....	2,359.80	76.86
07 72 36 00-0043 EA 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B).....	2,983.32	105.99
07 72 36 00-0044 EA 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B).....	3,146.69	121.42
07 72 36 00-0045 EA 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B).....	3,397.74	105.99
07 72 36 00-0046 EA 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B).....	3,568.59	134.94
<b>07 72 46 Roof Walkways</b> (07 72)		
<b>07 72 46 00-0001 Recycled Rubber Walkway Pads</b> (07 72 46)		
07 72 46 00-0002 SF 3/8" Thick, Button Surface, Recycled Rubber Walkway Pad .....	5.99	1.37
<i>For Diamond Surface, Add</i>	0.55	
07 72 46 00-0003 SF 1/2" Thick, Button Surface, Recycled Rubber Walkway Pad .....	6.69	1.64
<i>For Diamond Surface, Add</i>	0.64	
07 72 46 00-0004 SF 3/4" Thick, Button Surface, Recycled Rubber Walkway Pad .....	7.40	1.64
<i>For Diamond Surface, Add</i>	0.72	
<b>07 72 53 Snow Guards</b> (07 72)		
<b>07 72 53 00-0001 Snow Guards For Metal Roofs</b> (07 72 53)		
Note: Aluminum construction.		
07 72 53 00-0002 EA Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) .....	14.90	2.44
07 72 53 00-0003 EA Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) .....	16.66	2.44
07 72 53 00-0004 EA Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) .....	25.01	2.44
07 72 53 00-0005 EA Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) .....	24.64	2.44
07 72 53 00-0006 EA Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516) .....	22.95	2.85
07 72 53 00-0007 EA Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516).....	25.17	2.85
07 72 53 00-0008 EA Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516).....	31.70	2.85
07 72 53 00-0009 EA Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) .....	13.02	2.14
<i>For Mechanically Fastened, Add</i>	4.27	
07 72 53 00-0010 EA Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) .....	14.85	2.14
<i>For Mechanically Fastened, Add</i>	4.27	
07 72 53 00-0011 EA Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM).....	21.08	2.14
<i>For Mechanically Fastened, Add</i>	4.27	
07 72 53 00-0012 EA Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15) .....	7.15	2.14
Note: Can be used for metal, rubber, PVC, TPO or glass roofing.		
<i>For Mechanically Fastened, Add</i>	5.70	
<b>07 72 53 00-0013 Pipe Style, Snow Guards For Metal Roofs</b> (07 72 53)		
<b>07 72 53 00-0014 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps</b> (07 72 53 00-0013)		
Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0015 EA Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	34.95	8.54
07 72 53 00-0016 EA Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	41.83	8.54
07 72 53 00-0017 EA Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000) .....	47.32	8.54
07 72 53 00-0018 EA Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000).....	59.14	8.54
07 72 53 00-0019 EA Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000).....	60.76	10.25
<b>07 72 53 00-0020 Tubing For Snow Guard Clamps</b> (07 72 53 00-0013)		
07 72 53 00-0021 LF 1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	7.20	2.05
Note: Includes end caps, collars and couplings.		
07 72 53 00-0022 LF 1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	14.50	2.05
Note: Includes end caps, collars and couplings.		
<b>07 72 56 Snow/Ice Melt</b> (07 72)		
<b>07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters</b> (07 72 56)		
07 72 56 00-0002 LF 12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters.....	8.61	0.69
Note: Nickel-coated copper braided cable with weatherproof jacket.		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof And Wall Specialties And Accessories</b>
<b>07 72</b>	<b>Roof Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 56 00-0003	LF		12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters.....	9.26	0.69
			Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0004	EA		Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters.....	140.32	51.74
07 72 56 00-0005	EA		Splice Kit For Self Regulating Heating Cable For Roofs And Gutters.....	106.88	37.95
07 72 56 00-0006	EA		Roof Clips For Self Regulating Heating Cable For Roofs And Gutters.....	15.25	2.07
			For >5, Deduct	-2.07	
07 72 56 00-0007	EA		Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters.....	57.47	5.17
07 72 56 00-0008	EA		120 Volt AC, Snow Switch, Automatic Control For Melting Snow.....	544.67	41.39
07 72 56 00-0009	EA		Automatic Gutter Ice Melting Control.....	746.61	51.74

## 07 73 Roof Protection Board (07 70)

## 07 73 00 00-0001 Roof Protection Board (Georgia-Pacific DensDeck®) (07 73)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 73 00 00-0002	SF		1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	1.96	0.28
			For No Adhesive, Deduct	-0.44	
			For Hot-Mopped, Deduct	-0.12	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.26	
			For Mechanically Fastened To Gypsum, Add	0.41	
07 73 00 00-0003	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	2.21	0.30
			For No Adhesive, Deduct	-0.45	
			For Hot-Mopped, Deduct	-0.11	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.30	
			For Mechanically Fastened To Gypsum, Add	0.45	
07 73 00 00-0004	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	2.33	0.33
			For No Adhesive, Deduct	-0.46	
			For Hot-Mopped, Deduct	-0.10	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.33	
			For Mechanically Fastened To Gypsum, Add	0.48	
07 73 00 00-0005	SF		1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	1.99	0.28
			For No Adhesive, Deduct	-0.44	
			For Hot-Mopped, Deduct	-0.12	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.26	
			For Mechanically Fastened To Gypsum, Add	0.41	
07 73 00 00-0006	SF		1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	2.26	0.30
			For No Adhesive, Deduct	-0.45	
			For Hot-Mopped, Deduct	-0.11	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.30	
			For Mechanically Fastened To Gypsum, Add	0.45	
07 73 00 00-0007	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	2.38	0.33
			For No Adhesive, Deduct	-0.46	
			For Hot-Mopped, Deduct	-0.10	
			For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
			For Mechanically Fastened To Concrete, Add	0.33	
			For Mechanically Fastened To Gypsum, Add	0.48	

## 07 76 Roof Pavers (07 70)

## 07 76 16 Roof Decking Pavers (07 76)

## 07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF		Up To 100 SF, 2" Concrete Roof Paver.....	7.54	3.55
			For 1-1/2" Thickness, Deduct	-0.62	
			For 2-1/2" Thickness, Add	0.62	
			For 3" Thickness, Add	1.23	
07 76 16 00-0003	SF		>100 To 200 SF, 2" Concrete Roof Paver.....	6.43	2.68
			For 1-1/2" Thickness, Deduct	-0.51	
			For 2-1/2" Thickness, Add	0.51	
			For 3" Thickness, Add	1.03	
07 76 16 00-0004	SF		>200 To 400 SF, 2" Concrete Roof Paver.....	5.52	2.13
			For 1-1/2" Thickness, Deduct	-0.43	
			For 2-1/2" Thickness, Add	0.43	
			For 3" Thickness, Add	0.86	
07 76 16 00-0005	SF		>400 To 1,000 SF, 2" Concrete Roof Paver.....	4.95	1.86
			For 1-1/2" Thickness, Deduct	-0.38	
			For 2-1/2" Thickness, Add	0.38	
			For 3" Thickness, Add	0.76	





<b>Thermal And Moisture Protection</b>		<b>07</b>
<b>Roof And Wall Specialties And Accessories</b>		<b>07 70</b>
<b>Roof Pavers</b>		<b>07 76</b>

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0006	SF		>1,000 SF, 2" Concrete Roof Paver ..... <i>For 1-1/2" Thickness, Deduct</i> <i>For 2-1/2" Thickness, Add</i> <i>For 3" Thickness, Add</i>	4.56 -0.35 0.35 0.70	1.70
<b>07 76 16 00-0007 Roof Paver Pedestal (07 76 16)</b>					
07 76 16 00-0008	EA		2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator) .....	12.64	0.55
07 76 16 00-0009	EA		3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator) .....	13.20	0.55
07 76 16 00-0010	EA		4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator) .....	13.76	0.55
07 76 16 00-0011	EA		Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	7.07	0.55
07 76 16 00-0012	EA		Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator).....	6.15	0.55
07 76 16 00-0013	EA		5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal)..... Note: Stackable.	6.30	0.55
07 76 16 00-0014	EA		1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal..... Note: Used with High Tab and Elevator pedestals.	3.56	0.55
07 76 16 00-0015	EA		Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator)..... Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	4.65	0.55
<b>07 76 19 Composite Insulation Concrete Protection Board (07 76)</b>					
Note: Manufactured by T. Clear Corp. 25 year warranty.					
<b>07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19)</b>					
Note: Manufactured by T. Clear Corp. 25 year warranty.					
07 76 19 00-0002	SF		2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF..... <i>For 20 Year Warranty, Deduct</i> <i>For 15 Year Warranty, Deduct</i> <i>For 10 Year Warranty, Deduct</i> <i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	2.96 -0.18 -0.36 -0.49 0.10	
07 76 19 00-0003	SF		3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF..... <i>For 20 Year Warranty, Deduct</i> <i>For 15 Year Warranty, Deduct</i> <i>For 10 Year Warranty, Deduct</i> <i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	3.88 -0.26 -0.52 -0.70 0.10	
07 76 19 00-0004	SF		2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... <i>For 20 Year Warranty, Deduct</i> <i>For 15 Year Warranty, Deduct</i> <i>For 10 Year Warranty, Deduct</i> <i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	4.56 -0.30 -0.60 -0.81 0.10	
07 76 19 00-0005	SF		3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... <i>For 20 Year Warranty, Deduct</i> <i>For 15 Year Warranty, Deduct</i> <i>For 10 Year Warranty, Deduct</i> <i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	5.52 -0.37 -0.75 -1.02 0.10	
<b>07 80 Fire And Smoke Protection (07)</b>					
<b>07 81 Applied Fireproofing (07 80)</b>					
Note: Includes bonding agents as required.					
<b>07 81 16 Cementitious Fireproofing (07 81)</b>					
<b>07 81 16 00-0001 Cementitious Fireproofing (07 81 16)</b>					
<b>07 81 16 00-0002 Spray On Ceiling (Metal Decking Corrugated Or Fluted) (07 81 16 00-0001)</b>					
07 81 16 00-0003	SF		Spray Fireproofing For Ceiling, 1 Hour Rated 1/2" Thick Coverage.....	0.73	0.34
07 81 16 00-0004	SF		Spray Fireproofing For Ceiling, 2 Hour Rated 7/8" Thick Coverage.....	1.05	0.41
<b>07 81 16 00-0005 Spray On Roofs And Beams (07 81 16 00-0001)</b>					
07 81 16 00-0006	SF		Spray Fireproofing For Beams And Roofs, 1 Hour Rated 1-3/8" Thick Coverage .....	1.63	0.50
07 81 16 00-0007	SF		Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-1/2" Thick Coverage .....	1.77	0.55
07 81 16 00-0008	SF		Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-5/8" Thick Coverage .....	1.86	0.57
<b>07 81 16 00-0009 Spray On Beams (Min. W8x24) (07 81 16 00-0001)</b>					
07 81 16 00-0010	SF		Spray Fireproofing For Beams, 1 Hour Rated 7/16" Thick Coverage (Min W8x24) .....	0.64	0.27
07 81 16 00-0011	SF		Spray Fireproofing For Beams, 2 Hour Rated 1/2" Thick Coverage (Min W8x24) .....	0.78	0.34
07 81 16 00-0012	SF		Spray Fireproofing For Beams, 3 Hour Rated 7/8" Thick Coverage (Min W8x24) .....	1.15	0.41
07 81 16 00-0013	SF		Spray Fireproofing For Beams, 4 Hour Rated 1-1/4" Thick Coverage (Min W8x24).....	1.55	0.47
<b>07 81 16 00-0014 Spray On Columns (W10x49) (07 81 16 00-0001)</b>					
07 81 16 00-0015	SF		Spray Fireproofing For Columns, 1 Hour Rated 1-3/16" Thick Coverage (W10x49).....	1.55	0.45
07 81 16 00-0016	SF		Spray Fireproofing For Columns, 2 Hour Rated 1-1/4" Thick Coverage (W10x49).....	1.68	0.47
07 81 16 00-0017	SF		Spray Fireproofing For Columns, 3 Hour Rated 1-7/8" Thick Coverage (W10x49).....	2.24	0.57
07 81 16 00-0018	SF		Spray Fireproofing For Columns, 4 Hour Rated 2-1/2" Thick Coverage (W10x49).....	2.95	0.68
<b>07 81 16 00-0019 Spray On Columns (W14x228) (07 81 16 00-0001)</b>					
07 81 16 00-0020	SF		Spray Fireproofing For Columns, 2 Hour Rated 5/8" Thick Coverage (W14x228).....	0.96	0.34

**07 Thermal And Moisture Protection****07 80 Fire And Smoke Protection****07 81 Applied Fireproofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 16 00-0021	SF		Spray Fireproofing For Columns, 3 Hour Rated 7/8" Thick Coverage (W14x228).....	1.25	0.41
07 81 16 00-0022	SF		Spray Fireproofing For Columns, 4 Hour Rated 1-1/4" Thick Coverage (W14x228).....	1.68	0.50
<b>07 81 16 00-0023</b>			<b>Gunite Fireproofing (07 81 16)</b>		
07 81 16 00-0024	SF		Fireproofing, Gunite, Non Reinforced, 1" Thick.....	1.94	0.33
07 81 16 00-0025	SF		Fireproofing, Gunite, Reinforced, 1" Thick.....	2.85	0.33
<b>07 81 16 00-0026</b>			<b>Monokote Fireproofing (07 81 16)</b>		
07 81 16 00-0027	CSF		Monokote Fireproofing For Structural Steel..... Note: Per inch of thickness.	156.97	52.27
07 81 16 00-0028	CSF		Monokote Fireproofing For Columns..... Note: Per inch of thickness.	147.81	0.68
07 81 16 00-0029	CSF		Monokote Fireproofing For Ceiling/Decking..... Note: Per inch of thickness.	117.38	35.00
<b>07 81 23 Intumescent Fireproofing (07 81)</b>					
07 81 23 00-0001			<b>Intumescent Thin Film Fireproofing (Albi Clad TF) (07 81 23)</b>		
07 81 23 00-0002			<b>Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) (07 81 23 00-0001)</b> Note: Excludes primer.		
07 81 23 00-0003	SF		1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	8.62	
			For > 10,000 SF, Deduct	-0.83	
07 81 23 00-0004	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	13.91	
			For > 10,000 SF, Deduct	-1.36	
<b>07 81 23 00-0005</b>			<b>Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) (07 81 23 00-0001)</b> Note: Excludes primer.		
07 81 23 00-0006	SF		1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	5.54	
			For > 10,000 SF, Deduct	-0.52	
07 81 23 00-0007	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	12.44	
			For > 10,000 SF, Deduct	-1.21	
07 81 23 00-0008	SF		2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	28.34	
			For > 10,000 SF, Deduct	-2.80	
07 81 23 00-0009	SF		2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	39.06	
			For > 10,000 SF, Deduct	-3.87	
07 81 23 00-0010	SF		3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	49.79	
			For > 10,000 SF, Deduct	-4.94	
07 81 23 00-0011	SF		3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	60.52	
			For > 10,000 SF, Deduct	-6.01	
<b>07 81 23 00-0012</b>			<b>Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) (07 81 23 00-0001)</b> Note: Excludes primer.		
07 81 23 00-0013	SF		1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	11.33	
			For > 10,000 SF, Deduct	-1.10	
07 81 23 00-0014	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	21.16	
			For > 10,000 SF, Deduct	-2.08	
07 81 23 00-0015	SF		2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	33.68	
			For > 10,000 SF, Deduct	-3.33	
07 81 23 00-0016	SF		2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	47.09	
			For > 10,000 SF, Deduct	-4.67	
07 81 23 00-0017	SF		3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	59.60	
			For > 10,000 SF, Deduct	-5.92	
<b>07 81 23 00-0018</b>			<b>Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)</b>		
<b>07 81 23 00-0019</b>			<b>Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)</b> Note: Excludes primer.		
07 81 23 00-0020	SF		1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	5.43	
			For > 10,000 SF, Deduct	-0.52	
07 81 23 00-0021	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	12.47	
			For > 10,000 SF, Deduct	-1.22	
07 81 23 00-0022	SF		2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	28.71	
			For > 10,000 SF, Deduct	-2.85	
07 81 23 00-0023	SF		2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	39.65	
			For > 10,000 SF, Deduct	-3.94	
07 81 23 00-0024	SF		3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	50.60	
			For > 10,000 SF, Deduct	-5.03	



<b>Thermal And Moisture Protection</b>	<b>07</b>	<b>07</b>
<b>Fire And Smoke Protection</b>	<b>07 80</b>	
<b>Applied Fireproofing</b>	<b>07 81</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 81 33 Mineral-Fiber Fireproofing</b> (07 81)		
<b>07 81 33 00-0001 Cellulose Fireproofing</b> (07 81 33)		
07 81 33 00-0002 SF Cellulose Fireproofing, Per Inch Of Thickness.....	1.30	0.33
<b>07 82 Board Fireproofing</b> (07 80)		
Note: Type A: 1 hour rating. See CSI section 09 23 13 00-0001 for plaster casing and corner bead, 09 29 00 00-0072 for gypsum board casing and corner bead.		
<b>07 82 00 00-0001 Fireproofing On Columns</b> (07 82)		
<b>07 82 00 00-0002 Up To 4,500 SF, Fireproofing On Columns</b> (07 82 00 00-0001)		
07 82 00 00-0003 CSF Lath And Cement Plaster, 1 Hour, Mk A, Up To 4,500 SF, Fireproofing On Columns.....	732.82	490.03
07 82 00 00-0004 CSF Lath And Cement Plaster, 2 Hour, Mk B, Up To 4,500 SF, Fireproofing On Columns.....	1,325.86	875.05
07 82 00 00-0005 CSF Lath And Vermiculite Concrete, 4 Hour, Mk C, Up To 4,500, Fireproofing On Columns.....	1,180.69	770.06
07 82 00 00-0006 CSF Lath And Gypsum Plaster, 4 Hour, Mk D, Up To 4,500 SF, Fireproofing On Columns.....	825.07	455.03
07 82 00 00-0007 CSF Lath And Gypsum Plaster, 4 Hour, Mk E, Up To 4,500 SF, Fireproofing On Columns.....	626.28	385.02
07 82 00 00-0008 CSF Gypsum Board, 2 Hour, Mk F, Up To 4,500 SF, Fireproofing On Columns.....	961.38	595.04
07 82 00 00-0009 CSF Gypsum Board, 2 Hour, Mk G, Up To 4,500 SF, Fireproofing On Columns.....	571.79	315.02
<b>07 82 00 00-0010 &gt;4,500 SF, Fireproofing On Columns</b> (07 82 00 00-0001)		
07 82 00 00-0011 CSF Lath And Cement Plaster, 1 Hour, Mk A >4,500 SF, Fireproofing On Columns.....	753.94	490.03
07 82 00 00-0012 CSF Lath And Cement Plaster, 2 Hour, Mk B, >4,500 SF, Fireproofing On Columns.....	1,368.09	875.05
07 82 00 00-0013 CSF Lath And Vermiculite Concrete, 4 Hour, Mk C, >4,500 SF, Fireproofing On Columns.....	1,221.47	770.06
07 82 00 00-0014 CSF Lath And Gypsum Plaster, 4 Hour, Mk D, >4,500 SF, Fireproofing On Columns.....	710.45	455.03
07 82 00 00-0015 CSF Lath And Gypsum Plaster, 2 Hour, Mk E, >4,500 SF, Fireproofing On Columns.....	567.17	385.02
07 82 00 00-0016 CSF Gypsum Board, 2 Hour, Mk F, >4,500 SF, Fireproofing On Columns.....	942.75	595.04
07 82 00 00-0017 CSF Gypsum Board, 2 Hour, Mk G, >4,500 SF, Fireproofing On Columns.....	554.92	315.02
<b>07 84 Firestopping</b> (07 80)		
<b>07 84 13 Penetration Firestopping</b> (07 84)		
<b>07 84 13 16 Penetration Firestopping Devices</b> (07 84 13)		
<b>07 84 13 16-0001 Firestopping Systems For Cable Penetrations</b> (07 84 13 16)		
<b>07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations</b> (07 84 13 16-0001)		
Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003 EA 1" Diameter Intumescent Firestop Sleeve (STI FS100).....	38.35	
07 84 13 16-0004 EA 2" Diameter Intumescent Firestop Sleeve (STI FS201).....	54.75	
07 84 13 16-0005 EA 4" Diameter Intumescent Firestop Sleeve (STI FS401).....	94.67	
<b>07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations</b> (07 84 13 16-0001)		
Note: Includes putty and mounting plates.		
07 84 13 16-0007 EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22).....	78.46	
07 84 13 16-0008 EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS).....	143.33	
07 84 13 16-0009 EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44).....	269.44	
<b>07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device</b> (07 84 13 16)		
07 84 13 16-0011 EA 2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	177.87	
07 84 13 16-0012 EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD).....	163.38	
07 84 13 16-0013 EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	168.88	
<b>07 84 13 16-0014 Intumescent Firestopping Pipe Collar</b> (07 84 13 16)		
07 84 13 16-0015 EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5).....	26.07	6.73
07 84 13 16-0016 EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0).....	32.14	6.73
07 84 13 16-0017 EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0).....	37.62	7.40
07 84 13 16-0018 EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0).....	60.50	8.41
07 84 13 16-0019 EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8").....	313.25	10.09
07 84 13 16-0020 EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10").....	405.69	11.10
<b>07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.)</b> (07 84 13 16)		
Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022 EA 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9).....	77.39	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023 EA 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9).....	82.65	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024 EA 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH).....	169.51	
Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		

**07 Thermal And Moisture Protection****07 80 Fire And Smoke Protection****07 84 Firestopping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0025	EA		14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)..... Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	105.79	
<b>07 84 13 16-0026</b>			<b>Intumescent Firestopping Wrap Strips</b> <small>(07 84 13 16)</small>		
07 84 13 16-0027	LF		1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series).....	4.59	
<b>07 84 13 19</b>			<b>Penetration Firestopping Caulk</b> <small>(07 84 13)</small>		
<b>07 84 13 19-0001</b>			<b>Intumescent Firestopping For Sealing Pipe Penetrations</b> <small>(07 84 13 19)</small> Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA		1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	9.69	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.05	
07 84 13 19-0003	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	12.16	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.28	
07 84 13 19-0004	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant .....	11.98	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.20	
07 84 13 19-0005	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant .....	11.69	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.09	
07 84 13 19-0006	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	14.38	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.59	
07 84 13 19-0007	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	14.21	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.52	
07 84 13 19-0008	EA		2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant .....	13.92	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.40	
07 84 13 19-0009	EA		2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant .....	13.47	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.22	
07 84 13 19-0010	EA		2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	13.08	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.07	
07 84 13 19-0011	EA		2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	17.76	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.99	
07 84 13 19-0012	EA		2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	17.59	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.92	
07 84 13 19-0013	EA		2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant.....	17.30	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.80	
07 84 13 19-0014	EA		2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant .....	16.85	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.62	
07 84 13 19-0015	EA		2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	16.47	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.47	
07 84 13 19-0016	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant.....	15.56	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.11	
07 84 13 19-0017	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	25.78	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.66	
07 84 13 19-0018	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	22.65	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.41	
07 84 13 19-0019	EA		3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant .....	22.36	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.30	
07 84 13 19-0020	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant .....	21.91	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.12	
07 84 13 19-0021	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	21.53	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.96	
07 84 13 19-0022	EA		3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant .....	20.62	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.60	
07 84 13 19-0023	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	19.45	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.13	
07 84 13 19-0024	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	36.20	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.92	
07 84 13 19-0025	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	35.88	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.79	
07 84 13 19-0026	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant .....	35.36	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.58	
07 84 13 19-0027	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant .....	34.55	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.26	
07 84 13 19-0028	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	33.86	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	3.98	
07 84 13 19-0029	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant .....	28.53	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.85	
07 84 13 19-0030	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	27.36	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.38	
07 84 13 19-0031	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant .....	25.57	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.67	
07 84 13 19-0032	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	61.83	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.35	
07 84 13 19-0033	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	61.52	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.22	
07 84 13 19-0034	EA		6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant .....	61.00	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.02	
07 84 13 19-0035	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant .....	60.19	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	10.69	
07 84 13 19-0036	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant .....	59.50	
			<i>For Intumescent Sealant For Plastic Pipe, Add</i>	10.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0037 EA 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	57.87 9.76	
07 84 13 19-0038 EA 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	55.76 8.92	
07 84 13 19-0039 EA 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	52.56 7.64	
07 84 13 19-0040 EA 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	40.50 2.82	
07 84 13 19-0041 EA 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	85.44 17.92	
07 84 13 19-0042 EA 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	82.23 16.64	
07 84 13 19-0043 EA 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	75.80 14.07	
07 84 13 19-0044 EA 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	49.58 3.58	
07 84 13 19-0045 EA 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	111.92 25.65	
07 84 13 19-0046 EA 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	82.85 18.02	
07 84 13 19-0047 EA 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant ..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	59.20 4.56	

**07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations** (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049 EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	11.71	
07 84 13 19-0050 EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	11.64	
07 84 13 19-0051 EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	11.55	
07 84 13 19-0052 EA 2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	13.40	
07 84 13 19-0053 EA 2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	13.33	
07 84 13 19-0054 EA 2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	13.24	
07 84 13 19-0055 EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	13.10	
07 84 13 19-0056 EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	12.98	
07 84 13 19-0057 EA 2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	16.14	
07 84 13 19-0058 EA 2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	16.08	
07 84 13 19-0059 EA 2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	15.98	
07 84 13 19-0060 EA 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	15.85	
07 84 13 19-0061 EA 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	15.72	
07 84 13 19-0062 EA 2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	15.41	
07 84 13 19-0063 EA 3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	20.38	
07 84 13 19-0064 EA 3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	20.32	
07 84 13 19-0065 EA 3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	20.23	
07 84 13 19-0066 EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	20.08	
07 84 13 19-0067 EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.96	
07 84 13 19-0068 EA 3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.65	
07 84 13 19-0069 EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.22	
07 84 13 19-0070 EA 4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.25	
07 84 13 19-0071 EA 4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.18	
07 84 13 19-0072 EA 4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.09	
07 84 13 19-0073 EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.94	
07 84 13 19-0074 EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.79	
07 84 13 19-0075 EA 4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.48	
07 84 13 19-0076 EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.08	

**07 Thermal And Moisture Protection****07 80 Fire And Smoke Protection****07 84 Firestopping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0077	EA		4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	24.46	
07 84 13 19-0078	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.87	
07 84 13 19-0079	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.80	
07 84 13 19-0080	EA		6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.71	
07 84 13 19-0081	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.57	
07 84 13 19-0082	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.45	
07 84 13 19-0083	EA		6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	38.14	
07 84 13 19-0084	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.70	
07 84 13 19-0085	EA		6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.12	
07 84 13 19-0086	EA		6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.85	
07 84 13 19-0087	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	49.18	
07 84 13 19-0088	EA		8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	48.59	
07 84 13 19-0089	EA		8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.32	
07 84 13 19-0090	EA		8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	43.73	
07 84 13 19-0091	EA		10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.03	
07 84 13 19-0092	EA		10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	56.44	
07 84 13 19-0093	EA		10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	51.68	
<b>07 84 16</b>			<b>Annular Space Protection (07 84)</b>		
07 84 16 00-0001			Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)		
07 84 16 00-0002			Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)		
07 84 16 00-0003	EA		1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	19.20	
07 84 16 00-0004	EA		2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	29.79	
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	30.75	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	31.71	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	32.66	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	43.27	
07 84 16 00-0009			Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)		
07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....	7.11	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....	7.51	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272).....	6.76	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	7.54	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	7.24	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265).....	6.81	
07 84 16 00-0016			Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA		2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249).....	25.79	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	27.77	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....	30.21	
07 84 16 00-0020			Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
			Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA		16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....	216.25	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....	317.65	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....	440.98	
07 84 16 00-0024			Endothermic Mat Wrap Fire Barrier (07 84 16)		
			Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF		0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....	30.18	
07 84 16 00-0026			Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL		Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+).....	124.06	
07 84 16 00-0028			Firestopping Mortar For Filling Opening (07 84 16)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0029 CF Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	118.16	
<b>07 84 23 Silicone Firestopping Foams (07 84)</b>		
<b>07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings (07 84 23)</b>		
07 84 23 00-0002 EA 2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	23.40	
07 84 23 00-0003 EA 4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	62.50	
07 84 23 00-0004 EA 6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	118.51	
07 84 23 00-0005 EA 8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	190.31	
07 84 23 00-0006 EA 10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	280.34	
07 84 23 00-0007 EA 12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	386.24	
<b>07 84 43 Joint Firestopping (07 84)</b>		
<b>07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (07 84 43)</b>		
07 84 43 00-0002 CLF 1/4" x 1/4" Joint, Intumescent Firestop Sealant	221.22	76.47
07 84 43 00-0003 CLF 1/4" x 3/8" Joint, Intumescent Firestop Sealant	264.90	81.25
07 84 43 00-0004 CLF 1/4" x 1/2" Joint, Intumescent Firestop Sealant	299.03	81.25
07 84 43 00-0005 CLF 3/8" x 3/8" Joint, Intumescent Firestop Sealant	316.10	81.25
07 84 43 00-0006 CLF 3/8" x 1/2" Joint, Intumescent Firestop Sealant	367.31	81.25
07 84 43 00-0007 CLF 3/8" x 5/8" Joint, Intumescent Firestop Sealant	428.10	86.04
07 84 43 00-0008 CLF 3/8" x 3/4" Joint, Intumescent Firestop Sealant	488.83	90.81
07 84 43 00-0009 CLF 1/2" x 1/2" Joint, Intumescent Firestop Sealant	445.17	86.04
07 84 43 00-0010 CLF 1/2" x 5/8" Joint, Intumescent Firestop Sealant	532.56	95.59
07 84 43 00-0011 CLF 1/2" x 3/4" Joint, Intumescent Firestop Sealant	610.40	100.38
07 84 43 00-0012 CLF 1/2" x 7/8" Joint, Intumescent Firestop Sealant	688.22	105.15
07 84 43 00-0013 CLF 1/2" x 1" Joint, Intumescent Firestop Sealant	833.02	143.38
07 84 43 00-0014 CLF 3/4" x 3/4" Joint, Intumescent Firestop Sealant	920.39	152.96
07 84 43 00-0015 CLF 1" x 1" Joint, Intumescent Firestop Sealant	1,407.84	157.72
<b>07 84 43 00-0016 Passive Smoke And Fire Protection Sealant For Joints (07 84 43)</b>		
07 84 43 00-0017 CLF 1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	192.55	76.47
07 84 43 00-0018 CLF 1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	221.87	81.25
07 84 43 00-0019 CLF 1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	241.66	81.25
07 84 43 00-0020 CLF 3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	251.56	81.25
07 84 43 00-0021 CLF 3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	281.25	81.25
07 84 43 00-0022 CLF 3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	320.54	86.04
07 84 43 00-0023 CLF 3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	359.75	90.81
07 84 43 00-0024 CLF 1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	330.44	86.04
07 84 43 00-0025 CLF 1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	389.14	95.59
07 84 43 00-0026 CLF 1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	438.30	100.38
07 84 43 00-0027 CLF 1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	487.43	105.15
07 84 43 00-0028 CLF 1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	603.55	143.38
07 84 43 00-0029 CLF 3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	662.23	152.96
07 84 43 00-0030 CLF 1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	948.90	157.72
<b>07 84 56 Fire Safing (07 84)</b>		
<b>07 84 56 13 Fibrous Fire Safing (07 84 56)</b>		
<b>07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)</b>		
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
07 84 56 13-0002 SF 1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	6.86	
<i>For Work In Restricted Working Space, Add</i>		
	0.77	
07 84 56 13-0003 SF 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	11.51	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
<i>For Work In Restricted Working Space, Add</i>		
	0.77	
07 84 56 13-0004 SF 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	12.63	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
<i>For Work In Restricted Working Space, Add</i>		
	0.77	
07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)		

**07 Thermal And Moisture Protection****07 80 Fire And Smoke Protection****07 84 Firestopping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0006	SF	1/2"	Thermal Ceramics FireMaster Blanket Wrap <i>For Work In Restricted Working Space, Add</i> <i>For &gt;500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	10.00 2.10 -1.04 -1.81	5.22
07 84 56 13-0007	SF	1"	Thermal Ceramics FireMaster Blanket Wrap <i>For Work In Restricted Working Space, Add</i> <i>For &gt;500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	12.48 2.10 -1.61 -2.73	5.22
07 84 56 13-0008	SF	1-1/2"	Thermal Ceramics FireMaster Blanket Wrap <i>For Work In Restricted Working Space, Add</i> <i>For &gt;500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	15.20 2.10 -2.24 -3.73	5.22
07 84 56 13-0009	SF	2"	Thermal Ceramics FireMaster Blanket Wrap <i>For Work In Restricted Working Space, Add</i> <i>For &gt;500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	17.92 2.10 -2.86 -4.74	5.22

**07 90 Joint Protection** (07)**07 91 Preformed Joint Seals** (07 90)**07 91 23 Backer Rods** (07 91)**07 91 23 00-0001 Backer Rods** (07 91 23)

07 91 23 00-0002	LF	1/4"	Polyethylene Or Polyurethane Backer Rod	0.91	0.28
07 91 23 00-0003	LF	3/8"	Polyethylene Or Polyurethane Backer Rod	0.97	0.28
07 91 23 00-0004	LF	1/2"	Polyethylene Or Polyurethane Backer Rod	1.05	0.28
07 91 23 00-0005	LF	5/8"	Polyethylene Or Polyurethane Backer Rod	1.13	0.28
07 91 23 00-0006	LF	3/4"	Polyethylene Or Polyurethane Backer Rod	1.17	0.33
07 91 23 00-0007	LF	7/8"	Polyethylene Or Polyurethane Backer Rod	1.25	0.33
07 91 23 00-0008	LF	1"	Polyethylene Or Polyurethane Backer Rod	1.39	0.33
07 91 23 00-0009	LF	1-1/4"	Polyethylene Or Polyurethane Backer Rod	1.55	0.39
07 91 23 00-0010	LF	1-1/2"	Polyethylene Or Polyurethane Backer Rod	1.74	0.44
07 91 23 00-0011	LF	2"	Polyethylene Or Polyurethane Backer Rod	2.08	0.50
07 91 23 00-0012	LF	3"	Polyethylene Or Polyurethane Backer Rod	3.32	0.61

**07 91 26 Joint Fillers** (07 91)**07 91 26 00-0001 Butyl Rubber Fillers** (07 91 26)

07 91 26 00-0002	LF	1/4" x 1/4"	Butyl Rubber Filler <i>For Coloring, Add</i>	1.13 0.00	0.33
07 91 26 00-0003	LF	1/2" x 1/2"	Butyl Rubber Filler <i>For Coloring, Add</i>	3.25 0.02	0.95
07 91 26 00-0004	LF	1/2" x 3/4"	Butyl Rubber Filler <i>For Coloring, Add</i>	3.71 0.03	1.01
07 91 26 00-0005	LF	3/4" x 3/4"	Butyl Rubber Filler	3.79	1.06
07 91 26 00-0006	LF	1" x 1"	Butyl Rubber Filler	3.49	1.17

**07 91 26 00-0007 Closed Cell Neoprene** (07 91 26)

07 91 26 00-0008	CLF	1/8" x 3"	Neoprene Gasket Closed Cell, Adhesive	227.38	64.27
07 91 26 00-0009	CLF	1/8" x 6"	Neoprene Gasket Closed Cell, Adhesive	388.40	92.85
07 91 26 00-0010	CLF	1/4" x 3"	Neoprene Gasket Closed Cell, Adhesive	298.35	79.59
07 91 26 00-0011	CLF	1/4" x 6"	Neoprene Gasket Closed Cell, Adhesive	361.84	83.54
07 91 26 00-0012	CLF	1/2" x 6"	Neoprene Gasket Closed Cell, Adhesive	550.69	128.54
07 91 26 00-0013	CLF	1/2" x 9"	Neoprene Gasket Closed Cell, Adhesive	646.96	139.24
07 91 26 00-0014	CLF	1/2" x 12"	Neoprene Gasket Closed Cell, Adhesive	641.47	101.26

**07 91 26 00-0015 Closed Cell Polyvinyl Chloride** (07 91 26)

07 91 26 00-0016	CLF	1/8" x 3"	Polyethylene Joint Backing, Closed Cell	227.95	79.59
07 91 26 00-0017	CLF	1/8" x 6"	Polyethylene Joint Backing, Closed Cell	391.83	128.54
07 91 26 00-0018	CLF	1/4" x 3"	Polyethylene Joint Backing, Closed Cell	299.81	109.72
07 91 26 00-0019	CLF	1/4" x 6"	Polyethylene Joint Backing, Closed Cell	365.47	115.84
07 91 26 00-0020	CLF	1/2" x 6"	Polyethylene Joint Backing, Closed Cell	556.08	177.67
07 91 26 00-0021	CLF	1/2" x 9"	Polyethylene Joint Backing, Closed Cell	654.91	192.82
07 91 26 00-0022	CLF	1/2" x 12"	Polyethylene Joint Backing, Closed Cell	873.67	231.13

**07 91 26 00-0023 Silicon RTV Foam Penetration Seal** (07 91 26)

07 91 26 00-0024	CLF	1/4" x 1/2"	Silicon RTV Foam Seal	101.14	12.75
07 91 26 00-0025	CLF	1/2" x 1/2"	Silicon RTV Foam Seal	202.28	25.45
07 91 26 00-0026	CLF	1/2" x 3/4"	Silicon RTV Foam Seal	302.00	37.82
07 91 26 00-0027	CLF	3/4" x 3/4"	Silicon RTV Foam Seal	433.95	50.97
07 91 26 00-0028	CLF	1/8" x 1"	Silicon RTV Foam Seal	101.14	12.75
07 91 26 00-0029	CLF	1/8" x 3"	Silicon RTV Foam Seal	301.78	37.71
07 91 26 00-0030	CLF	1/4" x 3"	Silicon RTV Foam Seal	540.84	56.64
07 91 26 00-0031	CLF	1/4" x 6"	Silicon RTV Foam Seal	1,080.73	112.89
07 91 26 00-0032	CLF	1/2" x 6"	Silicon RTV Foam Seal	2,084.73	203.79
07 91 26 00-0033	CLF	1/2" x 9"	Silicon RTV Foam Seal	3,168.04	318.35





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0034 CLF 1/2" x 12" Silicon RTV Foam Seal .....	4,515.60	509.38
<b>07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" (07 91 26)</b>		
07 91 26 00-0036 LF 1/4" Seals O-Ring Cord, J-Seal .....	2.39	0.72
07 91 26 00-0037 LF 1/2" Seals O-Ring Cord, J-Seal .....	2.53	0.72
07 91 26 00-0038 LF 3/4" Seals O-Ring Cord, J-Seal .....	2.68	0.78
07 91 26 00-0039 LF 1" Seals O-Ring Cord, J-Seal .....	2.85	0.83
07 91 26 00-0040 LF 1-1/4" Seals O-Ring Cord, J-Seal .....	3.07	0.90
07 91 26 00-0041 LF 1-1/2" Seals O-Ring Cord, J-Seal .....	3.24	0.90
07 91 26 00-0042 LF 1-3/4" Seals O-Ring Cord, J-Seal .....	3.45	0.95
07 91 26 00-0043 LF 2" Seals O-Ring Cord, J-Seal .....	3.60	0.95
<b>07 91 33 Expansion Joint Seal Systems (07 91)</b>		
<b>07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) (07 91 33)</b>		
<b>07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)</b>		
Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.		
07 91 33 00-0003 LF 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH) .....	44.60	3.05
07 91 33 00-0004 LF 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH) .....	60.71	3.20
07 91 33 00-0005 LF 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH) .....	77.69	3.34
07 91 33 00-0006 LF 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH) .....	96.61	3.49
07 91 33 00-0007 LF 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH) .....	126.38	3.63
07 91 33 00-0008 LF 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH) .....	145.63	3.78
07 91 33 00-0009 LF 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH) .....	169.53	3.93
<b>07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)</b>		
Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011 LF 0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162) .....	21.05	3.05
07 91 33 00-0012 LF 0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175) .....	23.25	3.10
07 91 33 00-0013 LF 0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200) .....	28.84	3.14
07 91 33 00-0014 LF 0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225) .....	30.76	3.20
07 91 33 00-0015 LF 1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250) .....	33.07	3.24
07 91 33 00-0016 LF 1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300) .....	41.35	3.28
07 91 33 00-0017 LF 1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350) .....	51.85	3.34
07 91 33 00-0018 LF 1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400) .....	61.87	3.49
07 91 33 00-0019 LF 1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500) .....	70.42	3.63
<b>07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)</b>		
Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021 LF 0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100) .....	17.04	3.05
07 91 33 00-0022 LF 0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225) .....	23.06	3.20
07 91 33 00-0023 LF 1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250) .....	28.96	3.34
07 91 33 00-0024 LF 1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300) .....	30.72	3.41
07 91 33 00-0025 LF 1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400) .....	34.43	3.49
07 91 33 00-0026 LF 1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500) .....	51.01	3.63
07 91 33 00-0027 LF 1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600) .....	71.56	3.78
<b>07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)</b>		
Note: Includes a pre-compressed foam seal and silicone sealant.		

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 91 Preformed Joint Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0029	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	16.95	1.21
07 91 33 00-0030	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	28.98	1.26
07 91 33 00-0031	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	44.04	1.31
07 91 33 00-0032	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	55.75	1.35
07 91 33 00-0033	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	73.62	1.40
07 91 33 00-0034	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	97.69	1.46
07 91 33 00-0035	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	120.01	1.50
07 91 33 00-0036	LF		2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	162.19	1.55
07 91 33 00-0037	LF		3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	189.51	1.60
<b>07 91 33 00-0038</b>			<b>Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II)</b> (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF		0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	16.52	1.21
07 91 33 00-0040	LF		1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	22.04	1.26
07 91 33 00-0041	LF		1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	29.83	1.31
07 91 33 00-0042	LF		1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	40.78	1.35
07 91 33 00-0043	LF		2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	46.62	1.40
07 91 33 00-0044	LF		2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	65.05	1.46
07 91 33 00-0045	LF		3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	87.69	1.50
07 91 33 00-0046	LF		3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	94.74	1.55
<b>07 92 Joint Sealants</b> (07 90)					
<b>07 92 13 Elastomeric Joint Sealants</b> (07 92)					
<b>07 92 13 00-0001 Silicone Sealants And Caulking</b> (07 92 13)					
07 92 13 00-0002	CLF		1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	194.51	76.47
			For Coloring, Add	14.96	
			For 1 Part Mildew Resistant, Add	14.55	
			For High-Modulus Non-Acid Curing, Add	8.31	
07 92 13 00-0003	CLF		1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	220.07	78.87
			For Coloring, Add	22.44	
			For 1 Part Mildew Resistant, Add	21.82	
			For High-Modulus Non-Acid Curing, Add	12.47	
07 92 13 00-0004	CLF		1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	245.60	81.25
			For Coloring, Add	29.92	
			For 1 Part Mildew Resistant, Add	29.09	
			For High-Modulus Non-Acid Curing, Add	16.62	
07 92 13 00-0005	CLF		3/8" x 3/8" Joint, Silicone Sealant And Caulking.....	255.99	81.25
			For Coloring, Add	33.66	
			For 1 Part Mildew Resistant, Add	32.73	
			For High-Modulus Non-Acid Curing, Add	18.70	
07 92 13 00-0006	CLF		3/8" x 1/2" Joint, Silicone Sealant And Caulking.....	291.97	83.65
			For Coloring, Add	44.88	
			For 1 Part Mildew Resistant, Add	43.63	
			For High-Modulus Non-Acid Curing, Add	24.93	
07 92 13 00-0007	CLF		3/8" x 5/8" Joint, Silicone Sealant And Caulking.....	327.91	86.04
			For Coloring, Add	56.10	
			For 1 Part Mildew Resistant, Add	54.54	
			For High-Modulus Non-Acid Curing, Add	31.17	
07 92 13 00-0008	CLF		3/8" x 3/4" Joint, Silicone Sealant And Caulking.....	368.60	90.81
			For Coloring, Add	67.32	
			For 1 Part Mildew Resistant, Add	65.45	
			For High-Modulus Non-Acid Curing, Add	37.40	
07 92 13 00-0009	CLF		1/2" x 1/2" Joint, Silicone Sealant And Caulking.....	338.30	86.04
			For Coloring, Add	59.84	
			For 1 Part Mildew Resistant, Add	58.18	
			For High-Modulus Non-Acid Curing, Add	33.25	
07 92 13 00-0010	CLF		1/2" x 5/8" Joint, Silicone Sealant And Caulking.....	398.97	95.59
			For Coloring, Add	74.80	
			For 1 Part Mildew Resistant, Add	72.73	
			For High-Modulus Non-Acid Curing, Add	41.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0011 CLF 1/2" x 3/4" Joint, Silicone Sealant And Caulking .....	450.10	100.38
For Coloring, Add	89.77	
For 1 Part Mildew Resistant, Add	87.27	
For High-Modulus Non-Acid Curing, Add	49.87	
07 92 13 00-0012 CLF 1/2" x 7/8" Joint, Silicone Sealant And Caulking .....	501.20	105.15
For Coloring, Add	104.73	
For 1 Part Mildew Resistant, Add	101.82	
For High-Modulus Non-Acid Curing, Add	58.18	
07 92 13 00-0013 CLF 1/2" x 1" Joint, Silicone Sealant And Caulking .....	547.53	107.54
For Coloring, Add	119.69	
For 1 Part Mildew Resistant, Add	116.36	
For High-Modulus Non-Acid Curing, Add	66.49	
07 92 13 00-0014 CLF 3/4" x 3/4" Joint, Silicone Sealant And Caulking .....	593.91	109.93
For Coloring, Add	134.65	
For 1 Part Mildew Resistant, Add	130.91	
For High-Modulus Non-Acid Curing, Add	74.80	
07 92 13 00-0015 CLF 1" x 1" Joint, Silicone Sealant And Caulking .....	903.91	119.49
For Coloring, Add	239.37	
For 1 Part Mildew Resistant, Add	232.73	
For High-Modulus Non-Acid Curing, Add	132.99	
<b>07 92 13 00-0016 Acrylic/Latex Sealant And Caulking (07 92 13)</b>		
07 92 13 00-0017 CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking .....	174.19	76.47
07 92 13 00-0018 CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking .....	189.57	78.87
07 92 13 00-0019 CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	204.94	81.25
07 92 13 00-0020 CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking .....	210.25	81.25
07 92 13 00-0021 CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	230.99	83.65
07 92 13 00-0022 CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking .....	251.69	86.04
07 92 13 00-0023 CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	277.13	90.81
07 92 13 00-0024 CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	257.00	86.04
07 92 13 00-0025 CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking .....	297.34	95.59
07 92 13 00-0026 CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	328.14	100.38
07 92 13 00-0027 CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking .....	358.91	105.15
07 92 13 00-0028 CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking .....	384.91	107.54
07 92 13 00-0029 CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	410.97	109.93
07 92 13 00-0030 CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking .....	578.68	119.49
<b>07 92 13 00-0031 Polyurethane Sealant And Caulking (07 92 13)</b>		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0032 CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking .....	184.83	76.47
07 92 13 00-0033 CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking .....	205.53	79.34
07 92 13 00-0034 CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking .....	226.23	81.25
07 92 13 00-0035 CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking .....	234.20	81.25
07 92 13 00-0036 CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking .....	262.92	83.65
07 92 13 00-0037 CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking .....	291.60	86.04
07 92 13 00-0038 CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking .....	325.02	90.81
07 92 13 00-0039 CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking .....	299.56	86.04
07 92 13 00-0040 CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking .....	350.55	95.59
07 92 13 00-0041 CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking .....	391.99	100.38
07 92 13 00-0042 CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking .....	433.41	105.15
07 92 13 00-0043 CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking .....	470.05	107.54
07 92 13 00-0044 CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking .....	506.75	109.93
07 92 13 00-0045 CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking .....	621.46	119.49
<b>07 92 13 00-0046 Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)</b>		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0047 CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking .....	187.86	76.47
07 92 13 00-0048 CLF 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking .....	210.08	79.82
07 92 13 00-0049 CLF 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking .....	232.29	81.25
07 92 13 00-0050 CLF 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking .....	241.02	81.25
07 92 13 00-0051 CLF 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking .....	272.03	83.65
07 92 13 00-0052 CLF 3/8" x 5/8" Joint, Polysulfide Sealant And Caulking .....	302.97	86.04
07 92 13 00-0053 CLF 3/8" x 3/4" Joint, Polysulfide Sealant And Caulking .....	338.66	90.81
07 92 13 00-0054 CLF 1/2" x 1/2" Joint, Polysulfide Sealant And Caulking .....	311.69	86.04
07 92 13 00-0055 CLF 1/2" x 5/8" Joint, Polysulfide Sealant And Caulking .....	365.72	95.59
07 92 13 00-0056 CLF 1/2" x 3/4" Joint, Polysulfide Sealant And Caulking .....	410.19	100.38
07 92 13 00-0057 CLF 1/2" x 7/8" Joint, Polysulfide Sealant And Caulking .....	454.64	105.15
07 92 13 00-0058 CLF 1/2" x 1" Joint, Polysulfide Sealant And Caulking .....	494.31	107.54
07 92 13 00-0059 CLF 3/4" x 3/4" Joint, Polysulfide Sealant And Caulking .....	534.05	109.93
07 92 13 00-0060 CLF 3/4" x 1" Joint, Polysulfide Sealant And Caulking .....	657.85	119.49

**07 95 Expansion Control (07 90)**

**07 95 13 Expansion Joint Cover Assemblies (07 95)**

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 00-0001 Floor Assembly Type (07 95 13)

07 95 13 00-0002 With 1" Space (07 95 13 00-0001)

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 95 Expansion Control**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 00-0003	LF		Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type.....	31.75	4.15
07 95 13 00-0004	LF		Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type .....	59.95	4.15
07 95 13 00-0005	LF		Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type .....	66.56	4.15
<b>07 95 13 00-0006</b>			<b>With 2" Space</b> (07 95 13 00-0001)		
07 95 13 00-0007	LF		Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type.....	38.52	4.15
07 95 13 00-0008	LF		Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type .....	73.86	4.15
07 95 13 00-0009	LF		Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type .....	90.74	4.15
<b>07 95 13 00-0010</b>			<b>Ceiling And Wall Assembly Type</b> (07 95 13)		
<b>07 95 13 00-0011</b>			<b>With 1" Space</b> (07 95 13 00-0010)		
07 95 13 00-0012	LF		Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	24.98	4.15
07 95 13 00-0013	LF		Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type .....	46.04	4.15
07 95 13 00-0014	LF		Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type .....	54.47	4.15
<b>07 95 13 00-0015</b>			<b>With 2" Space</b> (07 95 13 00-0010)		
07 95 13 00-0016	LF		Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	29.04	4.15
07 95 13 00-0017	LF		Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type .....	52.99	4.15
07 95 13 00-0018	LF		Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type .....	66.56	4.15
<b>07 95 13 00-0019</b>			<b>Exterior Roof Aluminum Expansion Assemblies</b> (07 95 13)		
<b>07 95 13 00-0020</b>			<b>Roof To Roof</b> (07 95 13 00-0019)		
07 95 13 00-0021	LF		Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies .....	33.63	2.76
07 95 13 00-0022	LF		Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies .....	39.33	2.76
07 95 13 00-0023	LF		Exterior Roof To Roof Expansion Joint, 3" Opening Aluminum Assemblies .....	43.26	2.76
<b>07 95 13 00-0024</b>			<b>Roof To Wall</b> (07 95 13 00-0019)		
07 95 13 00-0025	LF		Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies.....	27.12	2.76
07 95 13 00-0026	LF		Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies.....	34.09	2.76
<b>07 95 13 00-0027</b>			<b>Flat Wall To Wall</b> (07 95 13 00-0019)		
07 95 13 00-0028	LF		Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies .....	21.29	2.76
07 95 13 00-0029	LF		Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies .....	25.48	2.76
07 95 13 00-0030	LF		Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies .....	30.53	2.76
<b>07 95 13 00-0031</b>			<b>Corner To Flat Wall</b> (07 95 13 00-0019)		
07 95 13 00-0032	LF		Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies .....	20.95	2.76
07 95 13 00-0033	LF		Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies .....	23.74	2.76
07 95 13 00-0034	LF		Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies .....	31.58	2.76

**END OF SECTION 07**



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 08 Openings

### 08 01 Operation And Maintenance Of Openings <sup>(08)</sup>

#### 08 01 10 Operation And Maintenance Of Doors And Frames <sup>(08 01)</sup>

##### 08 01 11 Operation and Maintenance of Metal Doors and Frames <sup>(08 01 10)</sup>

08 01 11 00-0001	Hollow Metal Door Repair <sup>(08 01 11)</sup>		
	Note: Repairs are based on holes or damage of less than 1/2 of a square foot.		
08 01 11 00-0002	SF Patch Small Drill Holes .....		3.89
08 01 11 00-0003	LF Patch Deep Scrapes Or Cuts In Doors .....		19.45
08 01 11 00-0004	IN Patch Holes Larger Than Normal Drill Holes (By Diameter Of Holes) .....		5.84

#### 08 01 50 Operation And Maintenance Of Windows <sup>(08 01)</sup>

##### 08 01 52 Operation and Maintenance of Wood Windows <sup>(08 01 50)</sup>

##### 08 01 52 61 Wood Window Repairs <sup>(08 01 52)</sup>

08 01 52 61-0001	Window Restoration And Replacement <sup>(08 01 52 61)</sup>		
08 01 52 61-0002	EA Remove And Replace Window Arms .....		16.45
08 01 52 61-0003	EA Remove And Replace Window Crank Operator .....		18.63
08 01 52 61-0004	EA Remove And Replace Brass Window Sash Pull .....		11.62
08 01 52 61-0005	EA Remove And Replace Brass Window Sash Lock .....		10.11
08 01 52 61-0006	EA Remove And Replace Sash Guides .....		5.58
08 01 52 61-0007	EA Remove And Replace Window Balance, Removable Sash Window .....		12.45
	Note: Channel, spiral or coil balance.		
08 01 52 61-0008	EA Remove And Replace Window Balance, Sash Window Requiring The Removal And Replacement Of Wooden Stops And/Or Casing .....		36.36
	Note: Channel, spiral or coil balance.		
	<i>For Replacing Two Balances In One Window, Deduct</i>		-13.20

#### 08 01 80 Maintenance of Glazing <sup>(08 01)</sup>

##### 08 01 81 Maintenance of Glass Glazing <sup>(08 01 80)</sup>

08 01 81 00-0001	Glazing Compound Repair <sup>(08 01 81)</sup>		
08 01 81 00-0002	LF Remove And Replace Damaged, Broken Or Cracked Window Glazing Up To 1/2" Wide .....		2.83

## 08 05 Common Work Results For Openings <sup>(08)</sup>

### 08 05 13 Door Options And Modifications <sup>(08 05)</sup>

Note: Excludes removal and reinstallation of door.

#### 08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) <sup>(08 05 13)</sup>

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		73.12
			36.56
08 05 13 00-0003	EA For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		92.56
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		46.28
08 05 13 00-0004	EA For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		107.37
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		53.69
08 05 13 00-0005	EA For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		136.98
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		68.49
08 05 13 00-0006	EA For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		177.71
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		88.86
08 05 13 00-0007	EA For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		226.76
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		113.38
08 05 13 00-0008	EA For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		240.65
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		120.33
08 05 13 00-0009	EA For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		114.30
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		33.24
08 05 13 00-0010	EA For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		136.76
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		42.07
08 05 13 00-0011	EA For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....		155.00
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		48.81

**08 Openings****08 05 Common Work Results For Openings****08 05 13 Door Options And Modifications**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0012	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	186.70	
			For 9/16" To 1-1/16" Glazing Pocket, Add .....	62.27	
08 05 13 00-0013	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	228.51	
			For 9/16" To 1-1/16" Glazing Pocket, Add .....	80.78	
08 05 13 00-0014	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	277.89	
			For 9/16" To 1-1/16" Glazing Pocket, Add .....	103.08	
08 05 13 00-0015	EA		For >10 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	295.29	
			For 9/16" To 1-1/16" Glazing Pocket, Add .....	109.39	
<b>08 05 13 00-0016</b>			<b>Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)</b>		
			Note: Factory primed or powder coated.		
08 05 13 00-0017	EA		For Up To 1 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	90.71	
08 05 13 00-0018	EA		For >1 To 2 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	101.81	
08 05 13 00-0019	EA		For >2 To 4 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	135.13	
08 05 13 00-0020	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	214.73	
08 05 13 00-0021	EA		For >6 To 8 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	284.15	
08 05 13 00-0022	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	353.57	
08 05 13 00-0023	EA		For >10 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	402.62	
08 05 13 00-0024	EA		For Up To 1 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	126.58	
08 05 13 00-0025	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	141.27	
08 05 13 00-0026	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	178.18	
08 05 13 00-0027	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	261.36	
08 05 13 00-0028	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	334.37	
08 05 13 00-0029	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	407.38	
08 05 13 00-0030	EA		For >10 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add .....	460.01	
<b>08 05 13 00-0031</b>			<b>Door Hardware Preparation (08 05 13)</b>		
08 05 13 00-0032	EA		Prepare Existing Wood Door (Rated) For Mortise Hardware .....	88.42	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0033	EA		Prepare Existing Wood Door (Non Rated) For Mortise Hardware .....	40.63	
08 05 13 00-0034	EA		Prepare Existing Wood Door (Rated) For Cylindrical Hardware .....	71.70	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0035	EA		Prepare Existing Wood Door (Non Rated) For Cylindrical Hardware .....	11.94	
08 05 13 00-0036	EA		Prepare Existing Wood Door (Rated) For Concealed Vertical Rod .....	131.46	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0037	EA		Prepare Existing Wood Door (Non Rated) For Concealed Vertical Rod .....	83.65	
08 05 13 00-0038	EA		Prepare Existing Wood Door (Rated) For Electric Hardware .....	88.42	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0039	EA		Prepare Existing Door (Non Rated) For Electric Hardware .....	40.63	
<b>08 05 13 00-0040</b>			<b>Door Modifications (08 05 13)</b>		
08 05 13 00-0041	EA		Remove And Reinstall Door .....	40.65	
08 05 13 00-0042	EA		Remove And Reinstall Metal Door Frame .....	79.72	
08 05 13 00-0043	EA		Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile .....	43.05	
			Note: Excludes removal and reinstallation of door.		
08 05 13 00-0044	EA		Modify Metal Door Frame For Door Swing .....	584.83	
			Note: Includes removal of door, blank hinge plates, continuous hinge, blank strike plate, new strike plate and reinstallation of door.		
08 05 13 00-0045	EA		For Factory Installed Sound Proofing (STC 28) In Metal Door, Add .....	68.06	
08 05 13 00-0046	SF		For 16 Gauge Steel Metal Plate Bolted On Door .....	12.82	
			Note: Includes mounting hardware.		
08 05 13 00-0047	EA		Remove And Reinstall Wood Door Frame .....	48.43	
08 05 13 00-0048	EA		Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile .....	21.79	
			Note: Excludes removal and reinstallation of door.		

**08 10 Doors And Frames (08)****08 11 Metal Doors And Frames (08 10)****08 11 63 Metal Screen And Storm Doors And Frames (08 11)**



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors And Frames	08 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**08 11 63 13 Steel Screen And Storm Doors And Frames** (08 11 63)

08 11 63 13-0001	Steel Screen Door (08 11 63 13)		
	Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA 2'-8" x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware.....	457.73	65.76
08 11 63 13-0003	EA 3' x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware.....	462.53	68.16
08 11 63 13-0004	EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware.....	614.40	68.16

**08 11 63 23 Aluminum Screen And Storm Doors And Frames** (08 11 63)

08 11 63 23-0001	Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23)		
	Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002	EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware ..... <i>For Special Finished, Add</i>	316.65 26.52	38.27
08 11 63 23-0003	EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware.....	331.56	38.27
08 11 63 23-0004	EA Aluminum Screen Door.....	216.32	23.90
08 11 63 23-0005	SF Repair Screen Door.....	4.25	

**08 12 Metal Frames** (08 10)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

**08 12 13 Hollow Metal Frames** (08 12)

**08 12 13 13 Standard Hollow Metal Frames** (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001	4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13)		
08 12 13 13-0002	6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0001)		
08 12 13 13-0003	EA 2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	173.80	35.87
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	15.31	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	12.25	
	<i>For Type 304 Stainless Steel Frame, Add</i>	187.30	
	<i>For Type 316 Stainless Steel Frame, Add</i>	217.91	
	<i>For Baked Enamel Finish, Add</i>	41.38	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-10.21	
	<i>For 14 Gauge Frame, Add</i>	25.52	
	<i>For 12 Gauge Frame, Add</i>	38.78	
08 12 13 13-0004	EA 2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	200.42	39.46
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.23	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	14.58	
	<i>For Type 304 Stainless Steel Frame, Add</i>	222.65	
	<i>For Type 316 Stainless Steel Frame, Add</i>	259.10	
	<i>For Baked Enamel Finish, Add</i>	48.29	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-12.15	
	<i>For 14 Gauge Frame, Add</i>	30.38	
	<i>For 12 Gauge Frame, Add</i>	46.17	
08 12 13 13-0005	EA 2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	207.14	41.85
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.52	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	14.81	
	<i>For Type 304 Stainless Steel Frame, Add</i>	226.38	
	<i>For Type 316 Stainless Steel Frame, Add</i>	263.41	
	<i>For Baked Enamel Finish, Add</i>	49.59	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-12.34	
	<i>For 14 Gauge Frame, Add</i>	30.86	
	<i>For 12 Gauge Frame, Add</i>	46.91	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0006	EA		2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	214.31	45.44
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.52	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	14.81	
			<i>For Type 304 Stainless Steel Frame, Add</i>	226.74	
			<i>For Type 316 Stainless Steel Frame, Add</i>	263.77	
			<i>For Baked Enamel Finish, Add</i>	50.66	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-12.34	
			<i>For 14 Gauge Frame, Add</i>	30.86	
			<i>For 12 Gauge Frame, Add</i>	46.91	
08 12 13 13-0007	EA		2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	218.66	46.63
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.81	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	15.05	
			<i>For Type 304 Stainless Steel Frame, Add</i>	230.37	
			<i>For Type 316 Stainless Steel Frame, Add</i>	267.98	
			<i>For Baked Enamel Finish, Add</i>	51.61	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-12.54	
			<i>For 14 Gauge Frame, Add</i>	31.35	
			<i>For 12 Gauge Frame, Add</i>	47.65	
08 12 13 13-0008	EA		3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	222.98	47.83
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	19.10	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	15.28	
			<i>For Type 304 Stainless Steel Frame, Add</i>	233.98	
			<i>For Type 316 Stainless Steel Frame, Add</i>	272.18	
			<i>For Baked Enamel Finish, Add</i>	52.55	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-12.73	
			<i>For 14 Gauge Frame, Add</i>	31.83	
			<i>For 12 Gauge Frame, Add</i>	48.39	
08 12 13 13-0009	EA		3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	236.52	50.22
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.41	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	249.97	
			<i>For Type 316 Stainless Steel Frame, Add</i>	290.79	
			<i>For Baked Enamel Finish, Add</i>	55.89	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.61	
			<i>For 14 Gauge Frame, Add</i>	34.02	
			<i>For 12 Gauge Frame, Add</i>	51.71	
08 12 13 13-0010	EA		3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	241.30	52.62
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.41	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	250.21	
			<i>For Type 316 Stainless Steel Frame, Add</i>	291.03	
			<i>For Baked Enamel Finish, Add</i>	56.61	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.61	
			<i>For 14 Gauge Frame, Add</i>	34.02	
			<i>For 12 Gauge Frame, Add</i>	51.71	
08 12 13 13-0011	EA		4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	250.94	55.00
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	21.14	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.91	
			<i>For Type 304 Stainless Steel Frame, Add</i>	259.19	
			<i>For Type 316 Stainless Steel Frame, Add</i>	301.47	
			<i>For Baked Enamel Finish, Add</i>	58.78	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-14.09	
			<i>For 14 Gauge Frame, Add</i>	35.24	
			<i>For 12 Gauge Frame, Add</i>	53.56	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0012 EA 5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	260.59	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	21.87	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	17.50	
For Type 304 Stainless Steel Frame, Add	268.18	
For Type 316 Stainless Steel Frame, Add	311.92	
For Baked Enamel Finish, Add	60.96	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-14.58	
For 14 Gauge Frame, Add	36.45	
For 12 Gauge Frame, Add	55.40	
08 12 13 13-0013 EA 5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	265.37	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	21.87	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	17.50	
For Type 304 Stainless Steel Frame, Add	268.42	
For Type 316 Stainless Steel Frame, Add	312.16	
For Baked Enamel Finish, Add	61.68	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-14.58	
For 14 Gauge Frame, Add	36.45	
For 12 Gauge Frame, Add	55.40	
08 12 13 13-0014 EA 5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	270.19	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	22.23	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	17.79	
For Type 304 Stainless Steel Frame, Add	272.91	
For Type 316 Stainless Steel Frame, Add	317.38	
For Baked Enamel Finish, Add	62.76	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-14.82	
For 14 Gauge Frame, Add	37.06	
For 12 Gauge Frame, Add	56.33	
08 12 13 13-0015 EA 6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	275.01	62.17
For Auxiliary Frame Reinforcement For Hinges, Add	22.60	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.08	
For Type 304 Stainless Steel Frame, Add	277.41	
For Type 316 Stainless Steel Frame, Add	322.60	
For Baked Enamel Finish, Add	63.85	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.07	
For 14 Gauge Frame, Add	37.67	
For 12 Gauge Frame, Add	57.25	
08 12 13 13-0016 EA 7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	287.12	63.38
For Auxiliary Frame Reinforcement For Hinges, Add	24.06	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	19.25	
For Type 304 Stainless Steel Frame, Add	295.02	
For Type 316 Stainless Steel Frame, Add	343.14	
For Baked Enamel Finish, Add	67.13	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-16.04	
For 14 Gauge Frame, Add	40.10	
For 12 Gauge Frame, Add	60.94	
08 12 13 13-0017 EA 8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	299.24	64.57
For Auxiliary Frame Reinforcement For Hinges, Add	25.52	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	20.41	
For Type 304 Stainless Steel Frame, Add	312.64	
For Type 316 Stainless Steel Frame, Add	363.67	
For Baked Enamel Finish, Add	70.40	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-17.01	
For 14 Gauge Frame, Add	42.53	
For 12 Gauge Frame, Add	64.64	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door  
Frames (08 12 13 13-0001)

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 12</b>	<b>Metal Frames</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0019	EA	2' x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	185.14	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	17.01	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	13.61	
			<i>For Type 304 Stainless Steel Frame, Add</i>	207.71	
			<i>For Type 316 Stainless Steel Frame, Add</i>	241.73	
			<i>For Baked Enamel Finish, Add</i>	44.78	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-11.34	
			<i>For 14 Gauge Frame, Add</i>	28.35	
			<i>For 12 Gauge Frame, Add</i>	43.09	
08 12 13 13-0020	EA	2'-4" x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	213.92	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.25	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.20	
			<i>For Type 304 Stainless Steel Frame, Add</i>	246.95	
			<i>For Type 316 Stainless Steel Frame, Add</i>	287.45	
			<i>For Baked Enamel Finish, Add</i>	52.34	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.50	
			<i>For 14 Gauge Frame, Add</i>	33.75	
			<i>For 12 Gauge Frame, Add</i>	51.30	
08 12 13 13-0021	EA	2'-6" x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	220.86	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.57	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.46	
			<i>For Type 304 Stainless Steel Frame, Add</i>	251.07	
			<i>For Type 316 Stainless Steel Frame, Add</i>	292.22	
			<i>For Baked Enamel Finish, Add</i>	53.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.72	
			<i>For 14 Gauge Frame, Add</i>	34.29	
			<i>For 12 Gauge Frame, Add</i>	52.12	
08 12 13 13-0022	EA	2'-8" x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	228.03	45.44
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.57	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.46	
			<i>For Type 304 Stainless Steel Frame, Add</i>	251.43	
			<i>For Type 316 Stainless Steel Frame, Add</i>	292.58	
			<i>For Baked Enamel Finish, Add</i>	54.78	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.72	
			<i>For 14 Gauge Frame, Add</i>	34.29	
			<i>For 12 Gauge Frame, Add</i>	52.12	
08 12 13 13-0023	EA	2'-10" x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	232.59	46.63
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.90	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.72	
			<i>For Type 304 Stainless Steel Frame, Add</i>	255.44	
			<i>For Type 316 Stainless Steel Frame, Add</i>	297.24	
			<i>For Baked Enamel Finish, Add</i>	55.79	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.93	
			<i>For 14 Gauge Frame, Add</i>	34.83	
			<i>For 12 Gauge Frame, Add</i>	52.94	
08 12 13 13-0024	EA	3' x >7'-2"	Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	237.13	47.83
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	21.22	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.98	
			<i>For Type 304 Stainless Steel Frame, Add</i>	259.45	
			<i>For Type 316 Stainless Steel Frame, Add</i>	301.89	
			<i>For Baked Enamel Finish, Add</i>	56.79	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-14.15	
			<i>For 14 Gauge Frame, Add</i>	35.37	
			<i>For 12 Gauge Frame, Add</i>	53.76	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0025 EA 3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	251.64	50.22
For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.14	
For Type 304 Stainless Steel Frame, Add	277.18	
For Type 316 Stainless Steel Frame, Add	322.54	
For Baked Enamel Finish, Add	60.43	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.12	
For 14 Gauge Frame, Add	37.80	
For 12 Gauge Frame, Add	57.46	
08 12 13 13-0026 EA 3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	256.42	52.62
For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.14	
For Type 304 Stainless Steel Frame, Add	277.42	
For Type 316 Stainless Steel Frame, Add	322.78	
For Baked Enamel Finish, Add	61.14	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.12	
For 14 Gauge Frame, Add	37.80	
For 12 Gauge Frame, Add	57.46	
08 12 13 13-0027 EA 4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	266.60	55.00
For Auxiliary Frame Reinforcement For Hinges, Add	23.49	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.79	
For Type 304 Stainless Steel Frame, Add	287.38	
For Type 316 Stainless Steel Frame, Add	334.36	
For Baked Enamel Finish, Add	63.48	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.66	
For 14 Gauge Frame, Add	39.15	
For 12 Gauge Frame, Add	59.51	
08 12 13 13-0028 EA 5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	276.79	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	19.44	
For Type 304 Stainless Steel Frame, Add	297.34	
For Type 316 Stainless Steel Frame, Add	345.94	
For Baked Enamel Finish, Add	65.82	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-16.20	
For 14 Gauge Frame, Add	40.50	
For 12 Gauge Frame, Add	61.56	
08 12 13 13-0029 EA 5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	281.57	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	19.44	
For Type 304 Stainless Steel Frame, Add	297.58	
For Type 316 Stainless Steel Frame, Add	346.18	
For Baked Enamel Finish, Add	66.54	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-16.20	
For 14 Gauge Frame, Add	40.50	
For 12 Gauge Frame, Add	61.56	
08 12 13 13-0030 EA 5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	286.66	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	24.71	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	19.76	
For Type 304 Stainless Steel Frame, Add	302.56	
For Type 316 Stainless Steel Frame, Add	351.97	
For Baked Enamel Finish, Add	67.70	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-16.47	
For 14 Gauge Frame, Add	41.18	
For 12 Gauge Frame, Add	62.59	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 12</b>	<b>Metal Frames</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0031	EA		6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	291.75	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	25.11	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	20.09	
			<i>For Type 304 Stainless Steel Frame, Add</i>	307.54	
			<i>For Type 316 Stainless Steel Frame, Add</i>	357.76	
			<i>For Baked Enamel Finish, Add</i>	68.87	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.74	
			<i>For 14 Gauge Frame, Add</i>	41.85	
			<i>For 12 Gauge Frame, Add</i>	63.61	
08 12 13 13-0032	EA		7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	304.94	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	26.73	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	21.38	
			<i>For Type 304 Stainless Steel Frame, Add</i>	327.10	
			<i>For Type 316 Stainless Steel Frame, Add</i>	380.56	
			<i>For Baked Enamel Finish, Add</i>	72.47	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-17.82	
			<i>For 14 Gauge Frame, Add</i>	44.55	
			<i>For 12 Gauge Frame, Add</i>	67.72	
08 12 13 13-0033	EA		8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	318.14	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.35	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	22.68	
			<i>For Type 304 Stainless Steel Frame, Add</i>	346.66	
			<i>For Type 316 Stainless Steel Frame, Add</i>	403.36	
			<i>For Baked Enamel Finish, Add</i>	76.07	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-18.90	
			<i>For 14 Gauge Frame, Add</i>	47.25	
			<i>For 12 Gauge Frame, Add</i>	71.82	
08 12 13 13-0034			5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13)</small>		
08 12 13 13-0035			6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0034)</small>		
08 12 13 13-0036	EA		2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	185.14	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	17.01	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	13.61	
			<i>For Type 304 Stainless Steel Frame, Add</i>	207.71	
			<i>For Type 316 Stainless Steel Frame, Add</i>	241.73	
			<i>For Baked Enamel Finish, Add</i>	44.78	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-11.34	
			<i>For 14 Gauge Frame, Add</i>	28.35	
			<i>For 12 Gauge Frame, Add</i>	43.09	
08 12 13 13-0037	EA		2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	213.92	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.25	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.20	
			<i>For Type 304 Stainless Steel Frame, Add</i>	246.95	
			<i>For Type 316 Stainless Steel Frame, Add</i>	287.45	
			<i>For Baked Enamel Finish, Add</i>	52.34	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.50	
			<i>For 14 Gauge Frame, Add</i>	33.75	
			<i>For 12 Gauge Frame, Add</i>	51.30	
08 12 13 13-0038	EA		2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	220.86	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.57	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	16.46	
			<i>For Type 304 Stainless Steel Frame, Add</i>	251.07	
			<i>For Type 316 Stainless Steel Frame, Add</i>	292.22	
			<i>For Baked Enamel Finish, Add</i>	53.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-13.72	
			<i>For 14 Gauge Frame, Add</i>	34.29	
			<i>For 12 Gauge Frame, Add</i>	52.12	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0039 EA 2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	228.03	45.44
For Auxiliary Frame Reinforcement For Hinges, Add	20.57	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	16.46	
For Type 304 Stainless Steel Frame, Add	251.43	
For Type 316 Stainless Steel Frame, Add	292.58	
For Baked Enamel Finish, Add	54.78	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-13.72	
For 14 Gauge Frame, Add	34.29	
For 12 Gauge Frame, Add	52.12	
08 12 13 13-0040 EA 2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	232.59	46.63
For Auxiliary Frame Reinforcement For Hinges, Add	20.90	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	16.72	
For Type 304 Stainless Steel Frame, Add	255.44	
For Type 316 Stainless Steel Frame, Add	297.24	
For Baked Enamel Finish, Add	55.79	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-13.93	
For 14 Gauge Frame, Add	34.83	
For 12 Gauge Frame, Add	52.94	
08 12 13 13-0041 EA 3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	237.13	47.83
For Auxiliary Frame Reinforcement For Hinges, Add	21.22	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	16.98	
For Type 304 Stainless Steel Frame, Add	259.45	
For Type 316 Stainless Steel Frame, Add	301.89	
For Baked Enamel Finish, Add	56.79	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-14.15	
For 14 Gauge Frame, Add	35.37	
For 12 Gauge Frame, Add	53.76	
08 12 13 13-0042 EA 3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	251.64	50.22
For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.14	
For Type 304 Stainless Steel Frame, Add	277.18	
For Type 316 Stainless Steel Frame, Add	322.54	
For Baked Enamel Finish, Add	60.43	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.12	
For 14 Gauge Frame, Add	37.80	
For 12 Gauge Frame, Add	57.46	
08 12 13 13-0043 EA 3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	256.42	52.62
For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.14	
For Type 304 Stainless Steel Frame, Add	277.42	
For Type 316 Stainless Steel Frame, Add	322.78	
For Baked Enamel Finish, Add	61.14	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.12	
For 14 Gauge Frame, Add	37.80	
For 12 Gauge Frame, Add	57.46	
08 12 13 13-0044 EA 4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	266.60	55.00
For Auxiliary Frame Reinforcement For Hinges, Add	23.49	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.79	
For Type 304 Stainless Steel Frame, Add	287.38	
For Type 316 Stainless Steel Frame, Add	334.36	
For Baked Enamel Finish, Add	63.48	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.66	
For 14 Gauge Frame, Add	39.15	
For 12 Gauge Frame, Add	59.51	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0045	EA		5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	276.79	57.39
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	24.30	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	19.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	297.34	
			<i>For Type 316 Stainless Steel Frame, Add</i>	345.94	
			<i>For Baked Enamel Finish, Add</i>	65.82	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.20	
			<i>For 14 Gauge Frame, Add</i>	40.50	
			<i>For 12 Gauge Frame, Add</i>	61.56	
08 12 13 13-0046	EA		5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	281.57	59.79
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	24.30	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	19.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	297.58	
			<i>For Type 316 Stainless Steel Frame, Add</i>	346.18	
			<i>For Baked Enamel Finish, Add</i>	66.54	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.20	
			<i>For 14 Gauge Frame, Add</i>	40.50	
			<i>For 12 Gauge Frame, Add</i>	61.56	
08 12 13 13-0047	EA		5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	286.66	60.98
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	24.71	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	19.76	
			<i>For Type 304 Stainless Steel Frame, Add</i>	302.56	
			<i>For Type 316 Stainless Steel Frame, Add</i>	351.97	
			<i>For Baked Enamel Finish, Add</i>	67.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.47	
			<i>For 14 Gauge Frame, Add</i>	41.18	
			<i>For 12 Gauge Frame, Add</i>	62.59	
08 12 13 13-0048	EA		6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	291.75	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	25.11	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	20.09	
			<i>For Type 304 Stainless Steel Frame, Add</i>	307.54	
			<i>For Type 316 Stainless Steel Frame, Add</i>	357.76	
			<i>For Baked Enamel Finish, Add</i>	68.87	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.74	
			<i>For 14 Gauge Frame, Add</i>	41.85	
			<i>For 12 Gauge Frame, Add</i>	63.61	
08 12 13 13-0049	EA		7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	304.94	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	26.73	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	21.38	
			<i>For Type 304 Stainless Steel Frame, Add</i>	327.10	
			<i>For Type 316 Stainless Steel Frame, Add</i>	380.56	
			<i>For Baked Enamel Finish, Add</i>	72.47	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-17.82	
			<i>For 14 Gauge Frame, Add</i>	44.55	
			<i>For 12 Gauge Frame, Add</i>	67.72	
08 12 13 13-0050	EA		8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	318.14	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.35	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	22.68	
			<i>For Type 304 Stainless Steel Frame, Add</i>	346.66	
			<i>For Type 316 Stainless Steel Frame, Add</i>	403.36	
			<i>For Baked Enamel Finish, Add</i>	76.07	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-18.90	
			<i>For 14 Gauge Frame, Add</i>	47.25	
			<i>For 12 Gauge Frame, Add</i>	71.82	
08 12 13 13-0051			>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0034)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0052 EA 2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	197.74	35.87
For Auxiliary Frame Reinforcement For Hinges, Add	18.90	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	15.12	
For Type 304 Stainless Steel Frame, Add	230.39	
For Type 316 Stainless Steel Frame, Add	268.19	
For Baked Enamel Finish, Add	48.56	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-12.60	
For 14 Gauge Frame, Add	31.50	
For 12 Gauge Frame, Add	47.88	
08 12 13 13-0053 EA 2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	228.92	39.46
For Auxiliary Frame Reinforcement For Hinges, Add	22.50	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.00	
For Type 304 Stainless Steel Frame, Add	273.95	
For Type 316 Stainless Steel Frame, Add	318.95	
For Baked Enamel Finish, Add	56.84	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.00	
For 14 Gauge Frame, Add	37.50	
For 12 Gauge Frame, Add	57.00	
08 12 13 13-0054 EA 2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	236.10	41.85
For Auxiliary Frame Reinforcement For Hinges, Add	22.86	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.29	
For Type 304 Stainless Steel Frame, Add	278.51	
For Type 316 Stainless Steel Frame, Add	324.23	
For Baked Enamel Finish, Add	58.28	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.24	
For 14 Gauge Frame, Add	38.10	
For 12 Gauge Frame, Add	57.91	
08 12 13 13-0055 EA 2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	243.27	45.44
For Auxiliary Frame Reinforcement For Hinges, Add	22.86	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.29	
For Type 304 Stainless Steel Frame, Add	278.86	
For Type 316 Stainless Steel Frame, Add	324.58	
For Baked Enamel Finish, Add	59.35	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.24	
For 14 Gauge Frame, Add	38.10	
For 12 Gauge Frame, Add	57.91	
08 12 13 13-0056 EA 2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	248.07	46.63
For Auxiliary Frame Reinforcement For Hinges, Add	23.22	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.58	
For Type 304 Stainless Steel Frame, Add	283.30	
For Type 316 Stainless Steel Frame, Add	329.74	
For Baked Enamel Finish, Add	60.43	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.48	
For 14 Gauge Frame, Add	38.70	
For 12 Gauge Frame, Add	58.82	
08 12 13 13-0057 EA 3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	252.85	47.83
For Auxiliary Frame Reinforcement For Hinges, Add	23.58	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	18.86	
For Type 304 Stainless Steel Frame, Add	287.74	
For Type 316 Stainless Steel Frame, Add	334.90	
For Baked Enamel Finish, Add	61.51	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-15.72	
For 14 Gauge Frame, Add	39.30	
For 12 Gauge Frame, Add	59.74	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	268.44	50.22
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	25.20	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	20.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	307.42	
			<i>For Type 316 Stainless Steel Frame, Add</i>	357.82	
			<i>For Baked Enamel Finish, Add</i>	65.47	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.80	
			<i>For 14 Gauge Frame, Add</i>	42.00	
			<i>For 12 Gauge Frame, Add</i>	63.84	
08 12 13	13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	273.22	52.62
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	25.20	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	20.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	307.66	
			<i>For Type 316 Stainless Steel Frame, Add</i>	358.06	
			<i>For Baked Enamel Finish, Add</i>	66.18	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-16.80	
			<i>For 14 Gauge Frame, Add</i>	42.00	
			<i>For 12 Gauge Frame, Add</i>	63.84	
08 12 13	13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	284.00	55.00
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	26.10	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	20.88	
			<i>For Type 304 Stainless Steel Frame, Add</i>	318.70	
			<i>For Type 316 Stainless Steel Frame, Add</i>	370.90	
			<i>For Baked Enamel Finish, Add</i>	68.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-17.40	
			<i>For 14 Gauge Frame, Add</i>	43.50	
			<i>For 12 Gauge Frame, Add</i>	66.12	
08 12 13	13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	294.79	57.39
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	27.00	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	21.60	
			<i>For Type 304 Stainless Steel Frame, Add</i>	329.74	
			<i>For Type 316 Stainless Steel Frame, Add</i>	383.74	
			<i>For Baked Enamel Finish, Add</i>	71.22	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-18.00	
			<i>For 14 Gauge Frame, Add</i>	45.00	
			<i>For 12 Gauge Frame, Add</i>	68.40	
08 12 13	13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	299.57	59.79
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	27.00	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	21.60	
			<i>For Type 304 Stainless Steel Frame, Add</i>	329.98	
			<i>For Type 316 Stainless Steel Frame, Add</i>	383.98	
			<i>For Baked Enamel Finish, Add</i>	71.94	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-18.00	
			<i>For 14 Gauge Frame, Add</i>	45.00	
			<i>For 12 Gauge Frame, Add</i>	68.40	
08 12 13	13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	304.96	60.98
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	27.45	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	21.96	
			<i>For Type 304 Stainless Steel Frame, Add</i>	335.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	390.40	
			<i>For Baked Enamel Finish, Add</i>	73.19	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-18.30	
			<i>For 14 Gauge Frame, Add</i>	45.75	
			<i>For 12 Gauge Frame, Add</i>	69.54	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0064 EA 6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	310.35	62.17
For Auxiliary Frame Reinforcement For Hinges, Add	27.90	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	22.32	
For Type 304 Stainless Steel Frame, Add	341.02	
For Type 316 Stainless Steel Frame, Add	396.82	
For Baked Enamel Finish, Add	74.45	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-18.60	
For 14 Gauge Frame, Add	46.50	
For 12 Gauge Frame, Add	70.68	
08 12 13 13-0065 EA 7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	324.74	63.38
For Auxiliary Frame Reinforcement For Hinges, Add	29.70	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	23.76	
For Type 304 Stainless Steel Frame, Add	362.74	
For Type 316 Stainless Steel Frame, Add	422.14	
For Baked Enamel Finish, Add	78.41	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-19.80	
For 14 Gauge Frame, Add	49.50	
For 12 Gauge Frame, Add	75.24	
08 12 13 13-0066 EA 8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	339.14	64.57
For Auxiliary Frame Reinforcement For Hinges, Add	31.50	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	25.20	
For Type 304 Stainless Steel Frame, Add	384.46	
For Type 316 Stainless Steel Frame, Add	447.46	
For Baked Enamel Finish, Add	82.37	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-21.00	
For 14 Gauge Frame, Add	52.50	
For 12 Gauge Frame, Add	79.80	
<b>08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13)</b>		
<b>08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0067)</b>		
08 12 13 13-0069 EA 2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	251.26	35.87
For Auxiliary Frame Reinforcement For Hinges, Add	26.93	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	21.54	
For Type 304 Stainless Steel Frame, Add	326.72	
For Type 316 Stainless Steel Frame, Add	380.58	
For Baked Enamel Finish, Add	64.62	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-17.95	
For 14 Gauge Frame, Add	44.88	
For 12 Gauge Frame, Add	68.22	
08 12 13 13-0070 EA 2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	292.64	39.46
For Auxiliary Frame Reinforcement For Hinges, Add	32.06	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	25.65	
For Type 304 Stainless Steel Frame, Add	388.64	
For Type 316 Stainless Steel Frame, Add	452.76	
For Baked Enamel Finish, Add	75.95	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-21.37	
For 14 Gauge Frame, Add	53.43	
For 12 Gauge Frame, Add	81.21	
08 12 13 13-0071 EA 2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	300.84	41.85
For Auxiliary Frame Reinforcement For Hinges, Add	32.57	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	26.06	
For Type 304 Stainless Steel Frame, Add	395.04	
For Type 316 Stainless Steel Frame, Add	460.18	
For Baked Enamel Finish, Add	77.70	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-21.71	
For 14 Gauge Frame, Add	54.29	
For 12 Gauge Frame, Add	82.51	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	308.01		45.44
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		32.57	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		26.06	
		<i>For Type 304 Stainless Steel Frame, Add</i>		395.40	
		<i>For Type 316 Stainless Steel Frame, Add</i>		460.54	
		<i>For Baked Enamel Finish, Add</i>		78.77	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-21.71	
		<i>For 14 Gauge Frame, Add</i>		54.29	
		<i>For 12 Gauge Frame, Add</i>		82.51	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	313.83		46.63
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		33.08	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		26.47	
		<i>For Type 304 Stainless Steel Frame, Add</i>		401.67	
		<i>For Type 316 Stainless Steel Frame, Add</i>		467.84	
		<i>For Baked Enamel Finish, Add</i>		80.16	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-22.06	
		<i>For 14 Gauge Frame, Add</i>		55.14	
		<i>For 12 Gauge Frame, Add</i>		83.81	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	319.63		47.83
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		33.60	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		26.88	
		<i>For Type 304 Stainless Steel Frame, Add</i>		407.95	
		<i>For Type 316 Stainless Steel Frame, Add</i>		475.14	
		<i>For Baked Enamel Finish, Add</i>		81.54	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-22.40	
		<i>For 14 Gauge Frame, Add</i>		56.00	
		<i>For 12 Gauge Frame, Add</i>		85.11	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	339.81		50.22
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		35.91	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		28.72	
		<i>For Type 304 Stainless Steel Frame, Add</i>		435.89	
		<i>For Type 316 Stainless Steel Frame, Add</i>		507.70	
		<i>For Baked Enamel Finish, Add</i>		86.88	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-23.94	
		<i>For 14 Gauge Frame, Add</i>		59.84	
		<i>For 12 Gauge Frame, Add</i>		90.96	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	344.59		52.62
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		35.91	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		28.72	
		<i>For Type 304 Stainless Steel Frame, Add</i>		436.13	
		<i>For Type 316 Stainless Steel Frame, Add</i>		507.94	
		<i>For Baked Enamel Finish, Add</i>		87.59	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-23.94	
		<i>For 14 Gauge Frame, Add</i>		59.84	
		<i>For 12 Gauge Frame, Add</i>		90.96	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	357.91		55.00
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>		37.19	
		<i>For Welded Frames, Add</i>		59.50	
		<i>For Galvanized Frames, Add</i>		29.75	
		<i>For Type 304 Stainless Steel Frame, Add</i>		451.74	
		<i>For Type 316 Stainless Steel Frame, Add</i>		526.11	
		<i>For Baked Enamel Finish, Add</i>		90.87	
		<i>For 3/4 Hour Rating, Add</i>		36.84	
		<i>For 1-1/2 Hour Rating, Add</i>		42.10	
		<i>For 3 Hour Rating, Add</i>		52.63	
		<i>For 18 Gauge Frame, Deduct</i>		-24.79	
		<i>For 14 Gauge Frame, Add</i>		61.98	
		<i>For 12 Gauge Frame, Add</i>		94.21	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0078 EA 5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	371.25	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	38.47	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	30.78	
For Type 304 Stainless Steel Frame, Add	467.37	
For Type 316 Stainless Steel Frame, Add	544.31	
For Baked Enamel Finish, Add	94.16	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.65	
For 14 Gauge Frame, Add	64.12	
For 12 Gauge Frame, Add	97.45	
08 12 13 13-0079 EA 5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	376.03	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	38.47	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	30.78	
For Type 304 Stainless Steel Frame, Add	467.61	
For Type 316 Stainless Steel Frame, Add	544.54	
For Baked Enamel Finish, Add	94.87	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.65	
For 14 Gauge Frame, Add	64.12	
For 12 Gauge Frame, Add	97.45	
08 12 13 13-0080 EA 5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	382.70	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	39.11	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.29	
For Type 304 Stainless Steel Frame, Add	475.43	
For Type 316 Stainless Steel Frame, Add	553.65	
For Baked Enamel Finish, Add	96.52	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.07	
For 14 Gauge Frame, Add	65.19	
For 12 Gauge Frame, Add	99.08	
08 12 13 13-0081 EA 6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	389.36	62.17
For Auxiliary Frame Reinforcement For Hinges, Add	39.75	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.80	
For Type 304 Stainless Steel Frame, Add	483.24	
For Type 316 Stainless Steel Frame, Add	562.74	
For Baked Enamel Finish, Add	98.16	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.50	
For 14 Gauge Frame, Add	66.25	
For 12 Gauge Frame, Add	100.70	
08 12 13 13-0082 EA 7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	408.85	63.38
For Auxiliary Frame Reinforcement For Hinges, Add	42.32	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	33.85	
For Type 304 Stainless Steel Frame, Add	514.14	
For Type 316 Stainless Steel Frame, Add	598.77	
For Baked Enamel Finish, Add	103.64	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.21	
For 14 Gauge Frame, Add	70.53	
For 12 Gauge Frame, Add	107.20	
08 12 13 13-0083 EA 8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	428.35	64.57
For Auxiliary Frame Reinforcement For Hinges, Add	44.88	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	35.91	
For Type 304 Stainless Steel Frame, Add	545.04	
For Type 316 Stainless Steel Frame, Add	634.80	
For Baked Enamel Finish, Add	109.13	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-29.92	
For 14 Gauge Frame, Add	74.80	
For 12 Gauge Frame, Add	113.70	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door  
Frames (08 12 13 13-0067)

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	271.21	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	29.92	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	23.94	
			<i>For Type 304 Stainless Steel Frame, Add</i>	362.63	
			<i>For Type 316 Stainless Steel Frame, Add</i>	422.47	
			<i>For Baked Enamel Finish, Add</i>	70.60	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-19.95	
			<i>For 14 Gauge Frame, Add</i>	49.87	
			<i>For 12 Gauge Frame, Add</i>	75.80	
08 12 13	13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	316.39	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.62	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.50	
			<i>For Type 304 Stainless Steel Frame, Add</i>	431.39	
			<i>For Type 316 Stainless Steel Frame, Add</i>	502.63	
			<i>For Baked Enamel Finish, Add</i>	83.08	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-23.75	
			<i>For 14 Gauge Frame, Add</i>	59.37	
			<i>For 12 Gauge Frame, Add</i>	90.24	
08 12 13	13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	324.97	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.19	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.95	
			<i>For Type 304 Stainless Steel Frame, Add</i>	438.47	
			<i>For Type 316 Stainless Steel Frame, Add</i>	510.85	
			<i>For Baked Enamel Finish, Add</i>	84.94	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.13	
			<i>For 14 Gauge Frame, Add</i>	60.32	
			<i>For 12 Gauge Frame, Add</i>	91.68	
08 12 13	13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	332.14	45.44
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.19	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.95	
			<i>For Type 304 Stainless Steel Frame, Add</i>	438.83	
			<i>For Type 316 Stainless Steel Frame, Add</i>	511.21	
			<i>For Baked Enamel Finish, Add</i>	86.01	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.13	
			<i>For 14 Gauge Frame, Add</i>	60.32	
			<i>For 12 Gauge Frame, Add</i>	91.68	
08 12 13	13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	338.34	46.63
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.76	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	29.41	
			<i>For Type 304 Stainless Steel Frame, Add</i>	445.79	
			<i>For Type 316 Stainless Steel Frame, Add</i>	519.31	
			<i>For Baked Enamel Finish, Add</i>	87.51	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.51	
			<i>For 14 Gauge Frame, Add</i>	61.27	
			<i>For 12 Gauge Frame, Add</i>	93.13	
08 12 13	13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	344.51	47.83
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	37.33	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	29.86	
			<i>For Type 304 Stainless Steel Frame, Add</i>	452.73	
			<i>For Type 316 Stainless Steel Frame, Add</i>	527.39	
			<i>For Baked Enamel Finish, Add</i>	89.01	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.89	
			<i>For 14 Gauge Frame, Add</i>	62.22	
			<i>For 12 Gauge Frame, Add</i>	94.57	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0091 EA 3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	366.40	50.22
For Auxiliary Frame Reinforcement For Hinges, Add	39.89	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.92	
For Type 304 Stainless Steel Frame, Add	483.75	
For Type 316 Stainless Steel Frame, Add	563.54	
For Baked Enamel Finish, Add	94.85	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.60	
For 14 Gauge Frame, Add	66.49	
For 12 Gauge Frame, Add	101.06	
08 12 13 13-0092 EA 3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	371.18	52.62
For Auxiliary Frame Reinforcement For Hinges, Add	39.89	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.92	
For Type 304 Stainless Steel Frame, Add	483.99	
For Type 316 Stainless Steel Frame, Add	563.78	
For Baked Enamel Finish, Add	95.57	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.60	
For 14 Gauge Frame, Add	66.49	
For 12 Gauge Frame, Add	101.06	
08 12 13 13-0093 EA 4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	385.46	55.00
For Auxiliary Frame Reinforcement For Hinges, Add	41.32	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	33.06	
For Type 304 Stainless Steel Frame, Add	501.33	
For Type 316 Stainless Steel Frame, Add	583.97	
For Baked Enamel Finish, Add	99.14	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-27.55	
For 14 Gauge Frame, Add	68.87	
For 12 Gauge Frame, Add	104.67	
08 12 13 13-0094 EA 5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	399.75	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	42.74	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	34.20	
For Type 304 Stainless Steel Frame, Add	518.67	
For Type 316 Stainless Steel Frame, Add	604.16	
For Baked Enamel Finish, Add	102.71	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.50	
For 14 Gauge Frame, Add	71.24	
For 12 Gauge Frame, Add	108.28	
08 12 13 13-0095 EA 5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	404.53	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	42.74	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	34.20	
For Type 304 Stainless Steel Frame, Add	518.91	
For Type 316 Stainless Steel Frame, Add	604.39	
For Baked Enamel Finish, Add	103.42	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.50	
For 14 Gauge Frame, Add	71.24	
For 12 Gauge Frame, Add	108.28	
08 12 13 13-0096 EA 5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	411.67	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	43.46	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	34.77	
For Type 304 Stainless Steel Frame, Add	527.58	
For Type 316 Stainless Steel Frame, Add	614.49	
For Baked Enamel Finish, Add	105.21	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.97	
For 14 Gauge Frame, Add	72.43	
For 12 Gauge Frame, Add	110.09	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 12</b>	<b>Metal Frames</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0097	EA		6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	418.81	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.17	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	35.34	
			<i>For Type 304 Stainless Steel Frame, Add</i>	536.25	
			<i>For Type 316 Stainless Steel Frame, Add</i>	624.58	
			<i>For Baked Enamel Finish, Add</i>	106.99	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-29.45	
			<i>For 14 Gauge Frame, Add</i>	73.62	
			<i>For 12 Gauge Frame, Add</i>	111.89	
08 12 13 13-0098	EA		7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	440.19	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	47.02	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	37.61	
			<i>For Type 304 Stainless Steel Frame, Add</i>	570.55	
			<i>For Type 316 Stainless Steel Frame, Add</i>	664.58	
			<i>For Baked Enamel Finish, Add</i>	113.05	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-31.35	
			<i>For 14 Gauge Frame, Add</i>	78.36	
			<i>For 12 Gauge Frame, Add</i>	119.11	
08 12 13 13-0099	EA		8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	461.59	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	49.87	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	39.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	604.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	704.60	
			<i>For Baked Enamel Finish, Add</i>	119.11	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-33.25	
			<i>For 14 Gauge Frame, Add</i>	83.11	
			<i>For 12 Gauge Frame, Add</i>	126.33	
08 12 13 13-0100			6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <sup>(08 12 13 13)</sup>		
08 12 13 13-0101			6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <sup>(08 12 13 13-0100)</sup>		
08 12 13 13-0102	EA		2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	264.73	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.95	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	23.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	350.97	
			<i>For Type 316 Stainless Steel Frame, Add</i>	408.87	
			<i>For Baked Enamel Finish, Add</i>	68.66	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-19.30	
			<i>For 14 Gauge Frame, Add</i>	48.25	
			<i>For 12 Gauge Frame, Add</i>	73.34	
08 12 13 13-0103	EA		2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	308.67	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	34.46	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	27.57	
			<i>For Type 304 Stainless Steel Frame, Add</i>	417.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	486.42	
			<i>For Baked Enamel Finish, Add</i>	80.76	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-22.98	
			<i>For 14 Gauge Frame, Add</i>	57.44	
			<i>For 12 Gauge Frame, Add</i>	87.31	
08 12 13 13-0104	EA		2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	317.12	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	35.01	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.01	
			<i>For Type 304 Stainless Steel Frame, Add</i>	424.34	
			<i>For Type 316 Stainless Steel Frame, Add</i>	494.37	
			<i>For Baked Enamel Finish, Add</i>	82.58	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-23.34	
			<i>For 14 Gauge Frame, Add</i>	58.36	
			<i>For 12 Gauge Frame, Add</i>	88.70	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0105 EA 2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	324.29	45.44
For Auxiliary Frame Reinforcement For Hinges, Add	35.01	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.01	
For Type 304 Stainless Steel Frame, Add	424.70	
For Type 316 Stainless Steel Frame, Add	494.73	
For Baked Enamel Finish, Add	83.66	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-23.34	
For 14 Gauge Frame, Add	58.36	
For 12 Gauge Frame, Add	88.70	
08 12 13 13-0106 EA 2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	330.37	46.63
For Auxiliary Frame Reinforcement For Hinges, Add	35.57	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.45	
For Type 304 Stainless Steel Frame, Add	431.44	
For Type 316 Stainless Steel Frame, Add	502.57	
For Baked Enamel Finish, Add	85.12	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-23.71	
For 14 Gauge Frame, Add	59.28	
For 12 Gauge Frame, Add	90.10	
08 12 13 13-0107 EA 3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	336.43	47.83
For Auxiliary Frame Reinforcement For Hinges, Add	36.12	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.89	
For Type 304 Stainless Steel Frame, Add	438.19	
For Type 316 Stainless Steel Frame, Add	510.42	
For Baked Enamel Finish, Add	86.58	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-24.08	
For 14 Gauge Frame, Add	60.20	
For 12 Gauge Frame, Add	91.50	
08 12 13 13-0108 EA 3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	357.76	50.22
For Auxiliary Frame Reinforcement For Hinges, Add	38.60	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	30.88	
For Type 304 Stainless Steel Frame, Add	468.20	
For Type 316 Stainless Steel Frame, Add	545.39	
For Baked Enamel Finish, Add	92.26	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.73	
For 14 Gauge Frame, Add	64.33	
For 12 Gauge Frame, Add	97.78	
08 12 13 13-0109 EA 3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	362.54	52.62
For Auxiliary Frame Reinforcement For Hinges, Add	38.60	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	30.88	
For Type 304 Stainless Steel Frame, Add	468.44	
For Type 316 Stainless Steel Frame, Add	545.63	
For Baked Enamel Finish, Add	92.98	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.73	
For 14 Gauge Frame, Add	64.33	
For 12 Gauge Frame, Add	97.78	
08 12 13 13-0110 EA 4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	376.51	55.00
For Auxiliary Frame Reinforcement For Hinges, Add	39.98	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.98	
For Type 304 Stainless Steel Frame, Add	485.22	
For Type 316 Stainless Steel Frame, Add	565.17	
For Baked Enamel Finish, Add	96.45	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.65	
For 14 Gauge Frame, Add	66.63	
For 12 Gauge Frame, Add	101.27	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	390.49	57.39
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	33.08	
			<i>For Type 304 Stainless Steel Frame, Add</i>	502.00	
			<i>For Type 316 Stainless Steel Frame, Add</i>	584.71	
			<i>For Baked Enamel Finish, Add</i>	99.93	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-27.57	
			<i>For 14 Gauge Frame, Add</i>	68.93	
			<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13	13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	395.27	59.79
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	33.08	
			<i>For Type 304 Stainless Steel Frame, Add</i>	502.24	
			<i>For Type 316 Stainless Steel Frame, Add</i>	584.95	
			<i>For Baked Enamel Finish, Add</i>	100.65	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-27.57	
			<i>For 14 Gauge Frame, Add</i>	68.93	
			<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13	13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	402.25	60.98
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.04	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	33.63	
			<i>For Type 304 Stainless Steel Frame, Add</i>	510.62	
			<i>For Type 316 Stainless Steel Frame, Add</i>	594.71	
			<i>For Baked Enamel Finish, Add</i>	102.38	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-28.03	
			<i>For 14 Gauge Frame, Add</i>	70.07	
			<i>For 12 Gauge Frame, Add</i>	106.51	
08 12 13	13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	409.24	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.73	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	34.19	
			<i>For Type 304 Stainless Steel Frame, Add</i>	519.02	
			<i>For Type 316 Stainless Steel Frame, Add</i>	604.49	
			<i>For Baked Enamel Finish, Add</i>	104.12	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-28.49	
			<i>For 14 Gauge Frame, Add</i>	71.22	
			<i>For 12 Gauge Frame, Add</i>	108.26	
08 12 13	13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	430.01	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	45.49	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	36.39	
			<i>For Type 304 Stainless Steel Frame, Add</i>	552.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	643.20	
			<i>For Baked Enamel Finish, Add</i>	109.99	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-30.33	
			<i>For 14 Gauge Frame, Add</i>	75.82	
			<i>For 12 Gauge Frame, Add</i>	115.24	
08 12 13	13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	450.79	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	48.25	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	38.60	
			<i>For Type 304 Stainless Steel Frame, Add</i>	585.43	
			<i>For Type 316 Stainless Steel Frame, Add</i>	681.92	
			<i>For Baked Enamel Finish, Add</i>	115.87	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-32.17	
			<i>For 14 Gauge Frame, Add</i>	80.41	
			<i>For 12 Gauge Frame, Add</i>	122.23	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0100)





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0118 EA 2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	286.17	35.87
For Auxiliary Frame Reinforcement For Hinges, Add	32.16	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	25.73	
For Type 304 Stainless Steel Frame, Add	389.56	
For Type 316 Stainless Steel Frame, Add	453.89	
For Baked Enamel Finish, Add	75.09	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-21.44	
For 14 Gauge Frame, Add	53.61	
For 12 Gauge Frame, Add	81.48	
08 12 13 13-0119 EA 2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	334.20	39.46
For Auxiliary Frame Reinforcement For Hinges, Add	38.29	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	30.63	
For Type 304 Stainless Steel Frame, Add	463.45	
For Type 316 Stainless Steel Frame, Add	540.03	
For Baked Enamel Finish, Add	88.42	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.53	
For 14 Gauge Frame, Add	63.82	
For 12 Gauge Frame, Add	97.01	
08 12 13 13-0120 EA 2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	343.06	41.85
For Auxiliary Frame Reinforcement For Hinges, Add	38.90	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.12	
For Type 304 Stainless Steel Frame, Add	471.03	
For Type 316 Stainless Steel Frame, Add	548.84	
For Baked Enamel Finish, Add	90.36	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.94	
For 14 Gauge Frame, Add	64.84	
For 12 Gauge Frame, Add	98.56	
08 12 13 13-0121 EA 2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	350.23	45.44
For Auxiliary Frame Reinforcement For Hinges, Add	38.90	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.12	
For Type 304 Stainless Steel Frame, Add	471.39	
For Type 316 Stainless Steel Frame, Add	549.20	
For Baked Enamel Finish, Add	91.44	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-25.94	
For 14 Gauge Frame, Add	64.84	
For 12 Gauge Frame, Add	98.56	
08 12 13 13-0122 EA 2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	356.72	46.63
For Auxiliary Frame Reinforcement For Hinges, Add	39.52	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.61	
For Type 304 Stainless Steel Frame, Add	478.87	
For Type 316 Stainless Steel Frame, Add	557.91	
For Baked Enamel Finish, Add	93.03	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.35	
For 14 Gauge Frame, Add	65.86	
For 12 Gauge Frame, Add	100.11	
08 12 13 13-0123 EA 3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	363.18	47.83
For Auxiliary Frame Reinforcement For Hinges, Add	40.13	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	32.10	
For Type 304 Stainless Steel Frame, Add	486.34	
For Type 316 Stainless Steel Frame, Add	566.60	
For Baked Enamel Finish, Add	94.61	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.75	
For 14 Gauge Frame, Add	66.88	
For 12 Gauge Frame, Add	101.66	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0124	EA 3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	386.35	50.22
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.89	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	34.31	
	<i>For Type 304 Stainless Steel Frame, Add</i>	519.66	
	<i>For Type 316 Stainless Steel Frame, Add</i>	605.43	
	<i>For Baked Enamel Finish, Add</i>	100.84	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-28.59	
	<i>For 14 Gauge Frame, Add</i>	71.48	
	<i>For 12 Gauge Frame, Add</i>	108.65	
08 12 13 13-0125	EA 3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	391.13	52.62
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.89	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	34.31	
	<i>For Type 304 Stainless Steel Frame, Add</i>	519.90	
	<i>For Type 316 Stainless Steel Frame, Add</i>	605.67	
	<i>For Baked Enamel Finish, Add</i>	101.56	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-28.59	
	<i>For 14 Gauge Frame, Add</i>	71.48	
	<i>For 12 Gauge Frame, Add</i>	108.65	
08 12 13 13-0126	EA 4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	406.12	55.00
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.42	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	35.53	
	<i>For Type 304 Stainless Steel Frame, Add</i>	538.52	
	<i>For Type 316 Stainless Steel Frame, Add</i>	627.35	
	<i>For Baked Enamel Finish, Add</i>	105.34	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-29.61	
	<i>For 14 Gauge Frame, Add</i>	74.03	
	<i>For 12 Gauge Frame, Add</i>	112.53	
08 12 13 13-0127	EA 5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	421.12	57.39
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	45.95	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	36.76	
	<i>For Type 304 Stainless Steel Frame, Add</i>	557.13	
	<i>For Type 316 Stainless Steel Frame, Add</i>	649.03	
	<i>For Baked Enamel Finish, Add</i>	109.12	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-30.63	
	<i>For 14 Gauge Frame, Add</i>	76.58	
	<i>For 12 Gauge Frame, Add</i>	116.41	
08 12 13 13-0128	EA 5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	425.90	59.79
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	45.95	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	36.76	
	<i>For Type 304 Stainless Steel Frame, Add</i>	557.37	
	<i>For Type 316 Stainless Steel Frame, Add</i>	649.27	
	<i>For Baked Enamel Finish, Add</i>	109.83	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-30.63	
	<i>For 14 Gauge Frame, Add</i>	76.58	
	<i>For 12 Gauge Frame, Add</i>	116.41	
08 12 13 13-0129	EA 5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame .....	433.40	60.98
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	46.72	
	<i>For Welded Frames, Add</i>	59.50	
	<i>For Galvanized Frames, Add</i>	37.37	
	<i>For Type 304 Stainless Steel Frame, Add</i>	566.69	
	<i>For Type 316 Stainless Steel Frame, Add</i>	660.12	
	<i>For Baked Enamel Finish, Add</i>	111.73	
	<i>For 3/4 Hour Rating, Add</i>	36.84	
	<i>For 1-1/2 Hour Rating, Add</i>	42.10	
	<i>For 3 Hour Rating, Add</i>	52.63	
	<i>For 18 Gauge Frame, Deduct</i>	-31.14	
	<i>For 14 Gauge Frame, Add</i>	77.86	
	<i>For 12 Gauge Frame, Add</i>	118.35	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	440.89	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	47.48	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	37.98	
			<i>For Type 304 Stainless Steel Frame, Add</i>	575.99	
			<i>For Type 316 Stainless Steel Frame, Add</i>	670.95	
			<i>For Baked Enamel Finish, Add</i>	113.61	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-31.65	
			<i>For 14 Gauge Frame, Add</i>	79.14	
			<i>For 12 Gauge Frame, Add</i>	120.29	
08 12 13	13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	463.70	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	50.54	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	40.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	612.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	713.95	
			<i>For Baked Enamel Finish, Add</i>	120.10	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-33.70	
			<i>For 14 Gauge Frame, Add</i>	84.24	
			<i>For 12 Gauge Frame, Add</i>	128.04	
08 12 13	13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	486.53	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.61	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	42.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	649.76	
			<i>For Type 316 Stainless Steel Frame, Add</i>	756.98	
			<i>For Baked Enamel Finish, Add</i>	126.59	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-35.74	
			<i>For 14 Gauge Frame, Add</i>	89.35	
			<i>For 12 Gauge Frame, Add</i>	135.81	
08 12 13	13-0133		8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13)</small>		
08 12 13	13-0134		6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0133)</small>		
08 12 13	13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	273.71	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	30.30	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	24.24	
			<i>For Type 304 Stainless Steel Frame, Add</i>	367.13	
			<i>For Type 316 Stainless Steel Frame, Add</i>	427.72	
			<i>For Baked Enamel Finish, Add</i>	71.35	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-20.20	
			<i>For 14 Gauge Frame, Add</i>	50.49	
			<i>For 12 Gauge Frame, Add</i>	76.75	
08 12 13	13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	319.35	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.06	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.85	
			<i>For Type 304 Stainless Steel Frame, Add</i>	436.72	
			<i>For Type 316 Stainless Steel Frame, Add</i>	508.85	
			<i>For Baked Enamel Finish, Add</i>	83.97	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.04	
			<i>For 14 Gauge Frame, Add</i>	60.11	
			<i>For 12 Gauge Frame, Add</i>	91.36	
08 12 13	13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	327.98	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.64	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	29.31	
			<i>For Type 304 Stainless Steel Frame, Add</i>	443.89	
			<i>For Type 316 Stainless Steel Frame, Add</i>	517.17	
			<i>For Baked Enamel Finish, Add</i>	85.84	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.43	
			<i>For 14 Gauge Frame, Add</i>	61.07	
			<i>For 12 Gauge Frame, Add</i>	92.83	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0138	EA 2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	335.15	45.44
	For Auxiliary Frame Reinforcement For Hinges, Add	36.64	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	29.31	
	For Type 304 Stainless Steel Frame, Add	444.25	
	For Type 316 Stainless Steel Frame, Add	517.53	
	For Baked Enamel Finish, Add	86.91	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-24.43	
	For 14 Gauge Frame, Add	61.07	
	For 12 Gauge Frame, Add	92.83	
08 12 13 13-0139	EA 2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	341.40	46.63
	For Auxiliary Frame Reinforcement For Hinges, Add	37.22	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	29.78	
	For Type 304 Stainless Steel Frame, Add	451.30	
	For Type 316 Stainless Steel Frame, Add	525.74	
	For Baked Enamel Finish, Add	88.43	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-24.81	
	For 14 Gauge Frame, Add	62.03	
	For 12 Gauge Frame, Add	94.29	
08 12 13 13-0140	EA 3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	347.63	47.83
	For Auxiliary Frame Reinforcement For Hinges, Add	37.80	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	30.24	
	For Type 304 Stainless Steel Frame, Add	458.35	
	For Type 316 Stainless Steel Frame, Add	533.94	
	For Baked Enamel Finish, Add	89.94	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-25.20	
	For 14 Gauge Frame, Add	63.00	
	For 12 Gauge Frame, Add	95.75	
08 12 13 13-0141	EA 3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	369.73	50.22
	For Auxiliary Frame Reinforcement For Hinges, Add	40.39	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	32.31	
	For Type 304 Stainless Steel Frame, Add	489.74	
	For Type 316 Stainless Steel Frame, Add	570.53	
	For Baked Enamel Finish, Add	95.85	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-26.93	
	For 14 Gauge Frame, Add	67.32	
	For 12 Gauge Frame, Add	102.33	
08 12 13 13-0142	EA 3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	374.51	52.62
	For Auxiliary Frame Reinforcement For Hinges, Add	40.39	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	32.31	
	For Type 304 Stainless Steel Frame, Add	489.98	
	For Type 316 Stainless Steel Frame, Add	570.77	
	For Baked Enamel Finish, Add	96.57	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-26.93	
	For 14 Gauge Frame, Add	67.32	
	For 12 Gauge Frame, Add	102.33	
08 12 13 13-0143	EA 4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	388.90	55.00
	For Auxiliary Frame Reinforcement For Hinges, Add	41.84	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	33.47	
	For Type 304 Stainless Steel Frame, Add	507.52	
	For Type 316 Stainless Steel Frame, Add	591.19	
	For Baked Enamel Finish, Add	100.17	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-27.89	
	For 14 Gauge Frame, Add	69.73	
	For 12 Gauge Frame, Add	105.98	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0144 EA 5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	403.31	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	43.28	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	34.62	
For Type 304 Stainless Steel Frame, Add	525.08	
For Type 316 Stainless Steel Frame, Add	611.63	
For Baked Enamel Finish, Add	103.77	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.85	
For 14 Gauge Frame, Add	72.13	
For 12 Gauge Frame, Add	109.64	
08 12 13 13-0145 EA 5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	408.09	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	43.28	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	34.62	
For Type 304 Stainless Steel Frame, Add	525.31	
For Type 316 Stainless Steel Frame, Add	611.87	
For Baked Enamel Finish, Add	104.49	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-28.85	
For 14 Gauge Frame, Add	72.13	
For 12 Gauge Frame, Add	109.64	
08 12 13 13-0146 EA 5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	415.29	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	44.00	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	35.20	
For Type 304 Stainless Steel Frame, Add	534.09	
For Type 316 Stainless Steel Frame, Add	622.09	
For Baked Enamel Finish, Add	106.29	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-29.33	
For 14 Gauge Frame, Add	73.33	
For 12 Gauge Frame, Add	111.47	
08 12 13 13-0147 EA 6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	422.49	62.17
For Auxiliary Frame Reinforcement For Hinges, Add	44.72	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	35.78	
For Type 304 Stainless Steel Frame, Add	542.87	
For Type 316 Stainless Steel Frame, Add	632.31	
For Baked Enamel Finish, Add	108.09	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-29.81	
For 14 Gauge Frame, Add	74.54	
For 12 Gauge Frame, Add	113.29	
08 12 13 13-0148 EA 7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	444.11	63.38
For Auxiliary Frame Reinforcement For Hinges, Add	47.61	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	38.08	
For Type 304 Stainless Steel Frame, Add	577.60	
For Type 316 Stainless Steel Frame, Add	672.81	
For Baked Enamel Finish, Add	114.22	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-31.74	
For 14 Gauge Frame, Add	79.34	
For 12 Gauge Frame, Add	120.60	
08 12 13 13-0149 EA 8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	465.75	64.57
For Auxiliary Frame Reinforcement For Hinges, Add	50.49	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	40.39	
For Type 304 Stainless Steel Frame, Add	612.36	
For Type 316 Stainless Steel Frame, Add	713.34	
For Baked Enamel Finish, Add	120.35	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-33.66	
For 14 Gauge Frame, Add	84.15	
For 12 Gauge Frame, Add	127.91	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0133)

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 12</b>	<b>Metal Frames</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	296.15	35.87
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.66	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	26.93	
			<i>For Type 304 Stainless Steel Frame, Add</i>	407.53	
			<i>For Type 316 Stainless Steel Frame, Add</i>	474.85	
			<i>For Baked Enamel Finish, Add</i>	78.08	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-22.44	
			<i>For 14 Gauge Frame, Add</i>	56.10	
			<i>For 12 Gauge Frame, Add</i>	85.28	
08 12 13	13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	346.07	39.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.07	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	32.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	484.82	
			<i>For Type 316 Stainless Steel Frame, Add</i>	564.96	
			<i>For Baked Enamel Finish, Add</i>	91.98	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-26.72	
			<i>For 14 Gauge Frame, Add</i>	66.79	
			<i>For 12 Gauge Frame, Add</i>	101.52	
08 12 13	13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	355.12	41.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.71	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	32.57	
			<i>For Type 304 Stainless Steel Frame, Add</i>	492.74	
			<i>For Type 316 Stainless Steel Frame, Add</i>	574.17	
			<i>For Baked Enamel Finish, Add</i>	93.98	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-27.14	
			<i>For 14 Gauge Frame, Add</i>	67.86	
			<i>For 12 Gauge Frame, Add</i>	103.14	
08 12 13	13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	362.29	45.44
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.71	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	32.57	
			<i>For Type 304 Stainless Steel Frame, Add</i>	493.10	
			<i>For Type 316 Stainless Steel Frame, Add</i>	574.53	
			<i>For Baked Enamel Finish, Add</i>	95.06	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-27.14	
			<i>For 14 Gauge Frame, Add</i>	67.86	
			<i>For 12 Gauge Frame, Add</i>	103.14	
08 12 13	13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	368.97	46.63
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	33.08	
			<i>For Type 304 Stainless Steel Frame, Add</i>	500.92	
			<i>For Type 316 Stainless Steel Frame, Add</i>	583.63	
			<i>For Baked Enamel Finish, Add</i>	96.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-27.57	
			<i>For 14 Gauge Frame, Add</i>	68.93	
			<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13	13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	375.62	47.83
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.00	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	33.60	
			<i>For Type 304 Stainless Steel Frame, Add</i>	508.73	
			<i>For Type 316 Stainless Steel Frame, Add</i>	592.72	
			<i>For Baked Enamel Finish, Add</i>	98.34	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-28.00	
			<i>For 14 Gauge Frame, Add</i>	69.99	
			<i>For 12 Gauge Frame, Add</i>	106.39	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0157 EA 3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	399.65	50.22
For Auxiliary Frame Reinforcement For Hinges, Add	44.88	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	35.91	
For Type 304 Stainless Steel Frame, Add	543.60	
For Type 316 Stainless Steel Frame, Add	633.36	
For Baked Enamel Finish, Add	104.83	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-29.92	
For 14 Gauge Frame, Add	74.80	
For 12 Gauge Frame, Add	113.70	
08 12 13 13-0158 EA 3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	404.43	52.62
For Auxiliary Frame Reinforcement For Hinges, Add	44.88	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	35.91	
For Type 304 Stainless Steel Frame, Add	543.84	
For Type 316 Stainless Steel Frame, Add	633.60	
For Baked Enamel Finish, Add	105.55	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-29.92	
For 14 Gauge Frame, Add	74.80	
For 12 Gauge Frame, Add	113.70	
08 12 13 13-0159 EA 4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	419.89	55.00
For Auxiliary Frame Reinforcement For Hinges, Add	46.48	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	37.19	
For Type 304 Stainless Steel Frame, Add	563.30	
For Type 316 Stainless Steel Frame, Add	656.27	
For Baked Enamel Finish, Add	109.47	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-30.99	
For 14 Gauge Frame, Add	77.47	
For 12 Gauge Frame, Add	117.76	
08 12 13 13-0160 EA 5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	435.37	57.39
For Auxiliary Frame Reinforcement For Hinges, Add	48.09	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	38.47	
For Type 304 Stainless Steel Frame, Add	582.78	
For Type 316 Stainless Steel Frame, Add	678.96	
For Baked Enamel Finish, Add	113.39	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-32.06	
For 14 Gauge Frame, Add	80.15	
For 12 Gauge Frame, Add	121.82	
08 12 13 13-0161 EA 5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	440.15	59.79
For Auxiliary Frame Reinforcement For Hinges, Add	48.09	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	38.47	
For Type 304 Stainless Steel Frame, Add	583.02	
For Type 316 Stainless Steel Frame, Add	679.20	
For Baked Enamel Finish, Add	114.11	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-32.06	
For 14 Gauge Frame, Add	80.15	
For 12 Gauge Frame, Add	121.82	
08 12 13 13-0162 EA 5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame .....	447.88	60.98
For Auxiliary Frame Reinforcement For Hinges, Add	48.89	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	39.11	
For Type 304 Stainless Steel Frame, Add	592.75	
For Type 316 Stainless Steel Frame, Add	690.53	
For Baked Enamel Finish, Add	116.07	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-32.59	
For 14 Gauge Frame, Add	81.48	
For 12 Gauge Frame, Add	123.85	

**08 Openings****08 10 Doors And Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0163	EA	6' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	455.62	62.17
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	49.69	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	39.75	
			<i>For Type 304 Stainless Steel Frame, Add</i>	602.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	701.88	
			<i>For Baked Enamel Finish, Add</i>	118.03	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-33.13	
			<i>For 14 Gauge Frame, Add</i>	82.82	
			<i>For 12 Gauge Frame, Add</i>	125.88	
08 12 13 13-0164	EA	7' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	479.37	63.38
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	52.89	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	42.32	
			<i>For Type 304 Stainless Steel Frame, Add</i>	641.07	
			<i>For Type 316 Stainless Steel Frame, Add</i>	746.86	
			<i>For Baked Enamel Finish, Add</i>	124.80	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-35.26	
			<i>For 14 Gauge Frame, Add</i>	88.16	
			<i>For 12 Gauge Frame, Add</i>	134.00	
08 12 13 13-0165	EA	8' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	503.15	64.57
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	56.10	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	44.88	
			<i>For Type 304 Stainless Steel Frame, Add</i>	679.68	
			<i>For Type 316 Stainless Steel Frame, Add</i>	791.88	
			<i>For Baked Enamel Finish, Add</i>	131.57	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-37.40	
			<i>For 14 Gauge Frame, Add</i>	93.50	
			<i>For 12 Gauge Frame, Add</i>	142.12	
08 12 13 13-0166			<b>Sidelights And Transoms</b> (08 12 13 13)		
08 12 13 13-0167			<b>Steel Transoms, Fixed</b> (08 12 13 13-0166)		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168	SF	4-3/4"	Deep Steel Transom, 16 Gauge Frame.....	31.55	6.69
			<i>For Movable Frame, Add</i>	6.31	
			<i>For 18 Gauge Frame, Deduct</i>	-1.82	
			<i>For 14 Gauge Frame, Add</i>	4.54	
			<i>For 12 Gauge Frame, Add</i>	6.90	
08 12 13 13-0169	SF	5-3/4"	Deep Steel Transom, 16 Gauge Frame.....	32.93	6.94
			<i>For Movable Frame, Add</i>	6.59	
			<i>For 18 Gauge Frame, Deduct</i>	-1.91	
			<i>For 14 Gauge Frame, Add</i>	4.77	
			<i>For 12 Gauge Frame, Add</i>	7.24	
08 12 13 13-0170	SF	6-3/4"	Deep Steel Transom, 16 Gauge Frame.....	34.37	7.17
			<i>For Movable Frame, Add</i>	6.87	
			<i>For 18 Gauge Frame, Deduct</i>	-2.00	
			<i>For 14 Gauge Frame, Add</i>	5.01	
			<i>For 12 Gauge Frame, Add</i>	7.61	
08 12 13 13-0171			<b>Steel Transom Sash, Operable</b> (08 12 13 13-0166)		
			Note: Includes hardware.		
08 12 13 13-0172	SF	4-3/4"	Deep Steel Transom Sash, 16 Gauge Frame.....	43.82	6.69
			<i>For 18 Gauge Frame, Deduct</i>	-3.04	
			<i>For 14 Gauge Frame, Add</i>	7.61	
			<i>For 12 Gauge Frame, Add</i>	11.56	
08 12 13 13-0173	SF	5-3/4"	Deep Steel Transom Sash, 16 Gauge Frame.....	45.83	6.94
			<i>For 18 Gauge Frame, Deduct</i>	-3.20	
			<i>For 14 Gauge Frame, Add</i>	7.99	
			<i>For 12 Gauge Frame, Add</i>	12.14	
08 12 13 13-0174	SF	6-3/4"	Deep Steel Transom Sash, 16 Gauge Frame.....	47.90	7.17
			<i>For 18 Gauge Frame, Deduct</i>	-3.36	
			<i>For 14 Gauge Frame, Add</i>	8.39	
			<i>For 12 Gauge Frame, Add</i>	12.75	
08 12 13 13-0175			<b>Sidelights, Steel Frame</b> (08 12 13 13-0166)		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF	4-3/4"	Deep Sidelights, 16 Gauge Frame .....	32.91	6.69
			<i>For 18 Gauge Frame, Deduct</i>	-1.95	
			<i>For 14 Gauge Frame, Add</i>	4.88	
			<i>For 12 Gauge Frame, Add</i>	7.42	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Frames	08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0177	SF		5-3/4" Deep Sidelights, 16 Gauge Frame .....	34.37	6.94
			<i>For 18 Gauge Frame, Deduct</i>	-2.05	
			<i>For 14 Gauge Frame, Add</i>	5.13	
			<i>For 12 Gauge Frame, Add</i>	7.79	
08 12 13 13-0178	SF		6-3/4" Deep Sidelights, 16 Gauge Frame .....	35.86	7.17
			<i>For 18 Gauge Frame, Deduct</i>	-2.15	
			<i>For 14 Gauge Frame, Add</i>	5.38	
			<i>For 12 Gauge Frame, Add</i>	8.17	
<b>08 12 13 13-0179 Sundry Hollow Metal Frame Sections</b> <small>(08 12 13 13)</small>					
<b>08 12 13 13-0180 Verticals, Mullions</b> <small>(08 12 13 13-0179)</small>					
08 12 13 13-0181	LF		4-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	17.66	2.68
			<i>For 18 Gauge Frame, Deduct</i>	-1.09	
			<i>For 14 Gauge Frame, Add</i>	2.73	
			<i>For 12 Gauge Frame, Add</i>	4.15	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0182	LF		4-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	18.10	2.68
			<i>For 18 Gauge Frame, Deduct</i>	-1.14	
			<i>For 14 Gauge Frame, Add</i>	2.84	
			<i>For 12 Gauge Frame, Add</i>	4.32	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0183	LF		5-1/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	17.85	2.77
			<i>For 18 Gauge Frame, Deduct</i>	-1.09	
			<i>For 14 Gauge Frame, Add</i>	2.73	
			<i>For 12 Gauge Frame, Add</i>	4.15	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0184	LF		5-1/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	18.53	2.77
			<i>For 18 Gauge Frame, Deduct</i>	-1.16	
			<i>For 14 Gauge Frame, Add</i>	2.90	
			<i>For 12 Gauge Frame, Add</i>	4.41	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0185	LF		6-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	18.55	2.82
			<i>For 18 Gauge Frame, Deduct</i>	-1.15	
			<i>For 14 Gauge Frame, Add</i>	2.87	
			<i>For 12 Gauge Frame, Add</i>	4.35	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0186	LF		6-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	18.81	2.82
			<i>For 18 Gauge Frame, Deduct</i>	-1.17	
			<i>For 14 Gauge Frame, Add</i>	2.93	
			<i>For 12 Gauge Frame, Add</i>	4.45	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
<b>08 12 13 13-0187 Horizontals, Rails</b> <small>(08 12 13 13-0179)</small>					
08 12 13 13-0188	LF		4-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	12.20	2.68
			<i>For 18 Gauge Frame, Deduct</i>	-0.55	
			<i>For 14 Gauge Frame, Add</i>	1.37	
			<i>For 12 Gauge Frame, Add</i>	2.07	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0189	LF		4-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	12.75	2.68
			<i>For 18 Gauge Frame, Deduct</i>	-0.60	
			<i>For 14 Gauge Frame, Add</i>	1.50	
			<i>For 12 Gauge Frame, Add</i>	2.28	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0190	LF		5-1/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	12.39	2.77
			<i>For 18 Gauge Frame, Deduct</i>	-0.55	
			<i>For 14 Gauge Frame, Add</i>	1.37	
			<i>For 12 Gauge Frame, Add</i>	2.07	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0191	LF		5-1/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	12.94	2.77
			<i>For 18 Gauge Frame, Deduct</i>	-0.60	
			<i>For 14 Gauge Frame, Add</i>	1.50	
			<i>For 12 Gauge Frame, Add</i>	2.28	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 12</b>	<b>Metal Frames</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0192	LF		6-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	12.82	2.82
			<i>For 18 Gauge Frame, Deduct</i>	-0.57	
			<i>For 14 Gauge Frame, Add</i>	1.43	
			<i>For 12 Gauge Frame, Add</i>	2.18	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0193	LF		6-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	13.30	2.82
			<i>For 18 Gauge Frame, Deduct</i>	-0.62	
			<i>For 14 Gauge Frame, Add</i>	1.55	
			<i>For 12 Gauge Frame, Add</i>	2.36	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0194			<b>Metal Frames Accessories</b> (08 12 13 13)		
08 12 13 13-0195	EA		For 1 Foot Extension Of New Door Frame.....	19.59	
08 13			<b>Metal Doors</b> (08 10)		
			Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.		
08 13 13			<b>Hollow Metal Doors</b> (08 13)		
08 13 13 13			<b>Standard Hollow Metal Doors</b> (08 13 13)		
			Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.		
08 13 13 13-0001			<b>20 Gauge 1-3/4" Unrated Door</b> (08 13 13 13)		
08 13 13 13-0002			<b>6'-8" High</b> (08 13 13 13-0001)		
08 13 13 13-0003	EA		2' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	304.23	26.30
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	11.32	
			<i>For Type 304 Stainless Steel Door, Add</i>	203.92	
			<i>For Type 316 Stainless Steel Door, Add</i>	329.72	
			<i>For Embossed Panel, Add</i>	60.39	
			<i>For Galvanized Steel, Add</i>	37.74	
			<i>For Baked Enamel Finish, Add</i>	107.06	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-16.53	
			<i>For &gt;100, Deduct</i>	-24.13	
			<i>For Insulated Door (Polystyrene Core), Add</i>	25.16	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	62.90	
08 13 13 13-0004	EA		2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	304.23	26.30
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	11.32	
			<i>For Type 304 Stainless Steel Door, Add</i>	203.92	
			<i>For Type 316 Stainless Steel Door, Add</i>	329.72	
			<i>For Embossed Panel, Add</i>	60.39	
			<i>For Galvanized Steel, Add</i>	37.74	
			<i>For Baked Enamel Finish, Add</i>	107.06	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-16.53	
			<i>For &gt;100, Deduct</i>	-24.13	
			<i>For Insulated Door (Polystyrene Core), Add</i>	25.16	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	62.90	
08 13 13 13-0005	EA		2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	311.76	27.50
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	11.55	
			<i>For Type 304 Stainless Steel Door, Add</i>	208.16	
			<i>For Type 316 Stainless Steel Door, Add</i>	336.54	
			<i>For Embossed Panel, Add</i>	61.62	
			<i>For Galvanized Steel, Add</i>	38.51	
			<i>For Baked Enamel Finish, Add</i>	110.03	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-16.96	
			<i>For &gt;100, Deduct</i>	-24.76	
			<i>For Insulated Door (Polystyrene Core), Add</i>	25.68	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	64.19	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0006 EA 2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	315.59	27.50
For Composite Door Instead Of Full Panel Door, Add	11.73	
For Type 304 Stainless Steel Door, Add	211.22	
For Type 316 Stainless Steel Door, Add	341.52	
For Embossed Panel, Add	62.54	
For Galvanized Steel, Add	39.09	
For Baked Enamel Finish, Add	111.18	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.15	
For >100, Deduct	-25.04	
For Insulated Door (Polystyrene Core), Add	26.06	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	65.15	
08 13 13 13-0007 EA 2'-10" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	318.33	28.10
For Composite Door Instead Of Full Panel Door, Add	11.80	
For Type 304 Stainless Steel Door, Add	212.51	
For Type 316 Stainless Steel Door, Add	343.58	
For Embossed Panel, Add	62.91	
For Galvanized Steel, Add	39.32	
For Baked Enamel Finish, Add	112.36	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.32	
For >100, Deduct	-25.28	
For Insulated Door (Polystyrene Core), Add	26.21	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	65.53	
For Seamless Edge (Welded), Add	32.77	
08 13 13 13-0008 EA 3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	321.05	28.70
For Composite Door Instead Of Full Panel Door, Add	11.86	
For Type 304 Stainless Steel Door, Add	213.80	
For Type 316 Stainless Steel Door, Add	345.63	
For Embossed Panel, Add	63.28	
For Galvanized Steel, Add	39.55	
For Baked Enamel Finish, Add	113.53	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.49	
For >100, Deduct	-25.51	
For Insulated Door (Polystyrene Core), Add	26.37	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	65.92	
08 13 13 13-0009 EA 3'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	340.98	28.70
For Composite Door Instead Of Full Panel Door, Add	12.76	
For Type 304 Stainless Steel Door, Add	229.74	
For Type 316 Stainless Steel Door, Add	371.54	
For Embossed Panel, Add	68.06	
For Galvanized Steel, Add	42.54	
For Baked Enamel Finish, Add	119.51	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.48	
For >100, Deduct	-27.01	
For Insulated Door (Polystyrene Core), Add	28.36	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	70.90	
08 13 13 13-0010 EA 3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	351.04	29.89
For Composite Door Instead Of Full Panel Door, Add	13.11	
For Type 304 Stainless Steel Door, Add	235.99	
For Type 316 Stainless Steel Door, Add	381.61	
For Embossed Panel, Add	69.90	
For Galvanized Steel, Add	43.69	
For Baked Enamel Finish, Add	123.25	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-19.05	
For >100, Deduct	-27.82	
For Insulated Door (Polystyrene Core), Add	29.13	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	72.81	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0011	EA	4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	386.48	32.28
			For Composite Door Instead Of Full Panel Door, Add	14.49	
			For Type 304 Stainless Steel Door, Add	260.76	
			For Type 316 Stainless Steel Door, Add	421.71	
			For Embossed Panel, Add	77.26	
			For Galvanized Steel, Add	48.29	
			For Baked Enamel Finish, Add	135.32	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-20.94	
			For >100, Deduct	-30.60	
			For Insulated Door (Polystyrene Core), Add	32.19	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	80.48	
08 13 13	13-0012	PR	Pair 2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	618.02	52.25
			For Composite Door Instead Of Full Panel Door, Add	23.11	
			For Type 304 Stainless Steel Door, Add	416.04	
			For Type 316 Stainless Steel Door, Add	672.80	
			For Embossed Panel, Add	123.24	
			For Galvanized Steel, Add	77.03	
			For Baked Enamel Finish, Add	216.76	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.51	
			For >100, Deduct	-48.96	
			For Insulated Door (Polystyrene Core), Add	51.35	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	128.38	
08 13 13	13-0013	PR	Pair 2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	625.69	52.25
			For Composite Door Instead Of Full Panel Door, Add	23.45	
			For Type 304 Stainless Steel Door, Add	422.18	
			For Type 316 Stainless Steel Door, Add	682.77	
			For Embossed Panel, Add	125.09	
			For Galvanized Steel, Add	78.18	
			For Baked Enamel Finish, Add	219.06	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.90	
			For >100, Deduct	-49.54	
			For Insulated Door (Polystyrene Core), Add	52.12	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	130.30	
08 13 13	13-0014	PR	Pair 2'-10" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	617.52	46.63
			For Composite Door Instead Of Full Panel Door, Add	23.59	
			For Type 304 Stainless Steel Door, Add	424.06	
			For Type 316 Stainless Steel Door, Add	686.19	
			For Embossed Panel, Add	125.82	
			For Galvanized Steel, Add	78.64	
			For Baked Enamel Finish, Add	213.24	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.21	
			For >100, Deduct	-48.65	
			For Insulated Door (Polystyrene Core), Add	52.43	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.06	
			For Seamless Edge (Welded), Add	65.53	
08 13 13	13-0015	PR	Pair 3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	636.36	54.53
			For Composite Door Instead Of Full Panel Door, Add	23.73	
			For Type 304 Stainless Steel Door, Add	427.31	
			For Type 316 Stainless Steel Door, Add	690.97	
			For Embossed Panel, Add	126.56	
			For Galvanized Steel, Add	79.10	
			For Baked Enamel Finish, Add	223.62	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-34.54	
			For >100, Deduct	-50.45	
			For Insulated Door (Polystyrene Core), Add	52.73	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.83	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0016 PR Pair 3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	696.09	56.79
For Composite Door Instead Of Full Panel Door, Add	26.21	
For Type 304 Stainless Steel Door, Add	471.68	
For Type 316 Stainless Steel Door, Add	762.93	
For Embossed Panel, Add	139.80	
For Galvanized Steel, Add	87.38	
For Baked Enamel Finish, Add	242.90	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-37.64	
For >100, Deduct	-55.05	
For Insulated Door (Polystyrene Core), Add	58.25	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	145.63	
08 13 13 13-0017 PR Pair 4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	766.50	61.34
For Composite Door Instead Of Full Panel Door, Add	28.97	
For Type 304 Stainless Steel Door, Add	521.19	
For Type 316 Stainless Steel Door, Add	843.10	
For Embossed Panel, Add	154.62	
For Galvanized Steel, Add	96.57	
For Baked Enamel Finish, Add	266.75	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-41.39	
For >100, Deduct	-60.55	
For Insulated Door (Polystyrene Core), Add	64.38	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	160.96	
<b>08 13 13 13-0018 7' High</b> <small>(08 13 13 13-0001)</small>		
08 13 13 13-0019 EA 2' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	310.83	26.30
For Composite Door Instead Of Full Panel Door, Add	11.62	
For Type 304 Stainless Steel Door, Add	209.20	
For Type 316 Stainless Steel Door, Add	338.30	
For Embossed Panel, Add	61.97	
For Galvanized Steel, Add	38.73	
For Baked Enamel Finish, Add	109.04	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-16.86	
For >100, Deduct	-24.63	
For Insulated Door (Polystyrene Core), Add	25.82	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	64.55	
08 13 13 13-0020 EA 2'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	310.83	26.30
For Composite Door Instead Of Full Panel Door, Add	11.62	
For Type 304 Stainless Steel Door, Add	209.20	
For Type 316 Stainless Steel Door, Add	338.30	
For Embossed Panel, Add	61.97	
For Galvanized Steel, Add	38.73	
For Baked Enamel Finish, Add	109.04	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-16.86	
For >100, Deduct	-24.63	
For Insulated Door (Polystyrene Core), Add	25.82	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	64.55	
08 13 13 13-0021 EA 2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	318.49	27.50
For Composite Door Instead Of Full Panel Door, Add	11.86	
For Type 304 Stainless Steel Door, Add	213.54	
For Type 316 Stainless Steel Door, Add	345.29	
For Embossed Panel, Add	63.24	
For Galvanized Steel, Add	39.52	
For Baked Enamel Finish, Add	112.05	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.30	
For >100, Deduct	-25.26	
For Insulated Door (Polystyrene Core), Add	26.35	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	65.87	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0022	EA 2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	322.42	27.50
	For Composite Door Instead Of Full Panel Door, Add	12.03	
	For Type 304 Stainless Steel Door, Add	216.69	
	For Type 316 Stainless Steel Door, Add	350.40	
	For Embossed Panel, Add	64.18	
	For Galvanized Steel, Add	40.11	
	For Baked Enamel Finish, Add	113.23	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-17.50	
	For >100, Deduct	-25.56	
	For Insulated Door (Polystyrene Core), Add	26.74	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.86	
08 13 13 13-0023	EA 2'-10" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	325.19	28.10
	For Composite Door Instead Of Full Panel Door, Add	12.10	
	For Type 304 Stainless Steel Door, Add	218.00	
	For Type 316 Stainless Steel Door, Add	352.50	
	For Embossed Panel, Add	64.56	
	For Galvanized Steel, Add	40.35	
	For Baked Enamel Finish, Add	114.42	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-17.66	
	For >100, Deduct	-25.79	
	For Insulated Door (Polystyrene Core), Add	26.90	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.25	
	For Seamless Edge (Welded), Add	33.62	
08 13 13 13-0024	EA 3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	327.96	28.70
	For Composite Door Instead Of Full Panel Door, Add	12.18	
	For Type 304 Stainless Steel Door, Add	219.33	
	For Type 316 Stainless Steel Door, Add	354.61	
	For Embossed Panel, Add	64.94	
	For Galvanized Steel, Add	40.59	
	For Baked Enamel Finish, Add	115.61	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-17.83	
	For >100, Deduct	-26.03	
	For Insulated Door (Polystyrene Core), Add	27.06	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.64	
08 13 13 13-0025	EA 3'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	348.41	28.70
	For Composite Door Instead Of Full Panel Door, Add	13.10	
	For Type 304 Stainless Steel Door, Add	235.69	
	For Type 316 Stainless Steel Door, Add	381.20	
	For Embossed Panel, Add	69.84	
	For Galvanized Steel, Add	43.65	
	For Baked Enamel Finish, Add	121.74	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-18.86	
	For >100, Deduct	-27.57	
	For Insulated Door (Polystyrene Core), Add	29.10	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	72.76	
08 13 13 13-0026	EA 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	358.67	29.89
	For Composite Door Instead Of Full Panel Door, Add	13.45	
	For Type 304 Stainless Steel Door, Add	242.09	
	For Type 316 Stainless Steel Door, Add	391.53	
	For Embossed Panel, Add	71.73	
	For Galvanized Steel, Add	44.83	
	For Baked Enamel Finish, Add	125.54	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-19.43	
	For >100, Deduct	-28.40	
	For Insulated Door (Polystyrene Core), Add	29.89	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.72	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0027 EA 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	394.91	32.28
For Composite Door Instead Of Full Panel Door, Add	14.87	
For Type 304 Stainless Steel Door, Add	267.50	
For Type 316 Stainless Steel Door, Add	432.67	
For Embossed Panel, Add	79.28	
For Galvanized Steel, Add	49.55	
For Baked Enamel Finish, Add	137.84	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-21.36	
For >100, Deduct	-31.23	
For Insulated Door (Polystyrene Core), Add	33.03	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	82.59	
08 13 13 13-0028 PR Pair 2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	631.48	52.25
For Composite Door Instead Of Full Panel Door, Add	23.71	
For Type 304 Stainless Steel Door, Add	426.81	
For Type 316 Stainless Steel Door, Add	690.30	
For Embossed Panel, Add	126.48	
For Galvanized Steel, Add	79.05	
For Baked Enamel Finish, Add	220.79	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-34.19	
For >100, Deduct	-49.97	
For Insulated Door (Polystyrene Core), Add	52.70	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.75	
08 13 13 13-0029 PR Pair 2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	639.34	52.25
For Composite Door Instead Of Full Panel Door, Add	24.07	
For Type 304 Stainless Steel Door, Add	433.10	
For Type 316 Stainless Steel Door, Add	700.52	
For Embossed Panel, Add	128.36	
For Galvanized Steel, Add	80.23	
For Baked Enamel Finish, Add	223.15	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-34.58	
For >100, Deduct	-50.56	
For Insulated Door (Polystyrene Core), Add	53.48	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	133.71	
08 13 13 13-0030 PR Pair 2'-10" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	631.26	46.63
For Composite Door Instead Of Full Panel Door, Add	24.21	
For Type 304 Stainless Steel Door, Add	435.06	
For Type 316 Stainless Steel Door, Add	704.05	
For Embossed Panel, Add	129.12	
For Galvanized Steel, Add	80.70	
For Baked Enamel Finish, Add	217.36	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-33.89	
For >100, Deduct	-49.68	
For Insulated Door (Polystyrene Core), Add	53.80	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	134.50	
For Seamless Edge (Welded), Add	67.25	
08 13 13 13-0031 PR Pair 3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	650.17	54.53
For Composite Door Instead Of Full Panel Door, Add	24.35	
For Type 304 Stainless Steel Door, Add	438.36	
For Type 316 Stainless Steel Door, Add	708.92	
For Embossed Panel, Add	129.87	
For Galvanized Steel, Add	81.17	
For Baked Enamel Finish, Add	227.76	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-35.23	
For >100, Deduct	-51.49	
For Insulated Door (Polystyrene Core), Add	54.11	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	135.28	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0032	PR	Pair 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	711.35	56.79
			For Composite Door Instead Of Full Panel Door, Add	26.90	
			For Type 304 Stainless Steel Door, Add	483.89	
			For Type 316 Stainless Steel Door, Add	782.77	
			For Embossed Panel, Add	143.46	
			For Galvanized Steel, Add	89.66	
			For Baked Enamel Finish, Add	247.48	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-38.41	
			For >100, Deduct	-56.19	
			For Insulated Door (Polystyrene Core), Add	59.78	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.44	
08 13 13	13-0033	PR	Pair 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated) .....	783.37	61.34
			For Composite Door Instead Of Full Panel Door, Add	29.73	
			For Type 304 Stainless Steel Door, Add	534.69	
			For Type 316 Stainless Steel Door, Add	865.03	
			For Embossed Panel, Add	158.57	
			For Galvanized Steel, Add	99.10	
			For Baked Enamel Finish, Add	271.82	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-42.24	
			For >100, Deduct	-61.82	
			For Insulated Door (Polystyrene Core), Add	66.07	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	165.17	
08 13 13	13-0034		<b>7'-2" High</b> (08 13 13 13-0001)		
08 13 13	13-0035	EA	2' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	317.23	26.30
			For Composite Door Instead Of Full Panel Door, Add	11.91	
			For Type 304 Stainless Steel Door, Add	214.32	
			For Type 316 Stainless Steel Door, Add	346.62	
			For Embossed Panel, Add	63.51	
			For Galvanized Steel, Add	39.69	
			For Baked Enamel Finish, Add	110.96	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-17.18	
			For >100, Deduct	-25.11	
			For Insulated Door (Polystyrene Core), Add	26.46	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.15	
08 13 13	13-0036	EA	2'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	317.23	26.30
			For Composite Door Instead Of Full Panel Door, Add	11.91	
			For Type 304 Stainless Steel Door, Add	214.32	
			For Type 316 Stainless Steel Door, Add	346.62	
			For Embossed Panel, Add	63.51	
			For Galvanized Steel, Add	39.69	
			For Baked Enamel Finish, Add	110.96	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-17.18	
			For >100, Deduct	-25.11	
			For Insulated Door (Polystyrene Core), Add	26.46	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.15	
08 13 13	13-0037	EA	2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	325.02	27.50
			For Composite Door Instead Of Full Panel Door, Add	12.15	
			For Type 304 Stainless Steel Door, Add	218.77	
			For Type 316 Stainless Steel Door, Add	353.78	
			For Embossed Panel, Add	64.80	
			For Galvanized Steel, Add	40.50	
			For Baked Enamel Finish, Add	114.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-17.63	
			For >100, Deduct	-25.75	
			For Insulated Door (Polystyrene Core), Add	27.00	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.51	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038 EA 2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	329.05	27.50
For Composite Door Instead Of Full Panel Door, Add	12.33	
For Type 304 Stainless Steel Door, Add	221.99	
For Type 316 Stainless Steel Door, Add	359.02	
For Embossed Panel, Add	65.77	
For Galvanized Steel, Add	41.11	
For Baked Enamel Finish, Add	115.22	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.83	
For >100, Deduct	-26.05	
For Insulated Door (Polystyrene Core), Add	27.41	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	68.51	
08 13 13 13-0039 EA 2'-10" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	331.86	28.10
For Composite Door Instead Of Full Panel Door, Add	12.40	
For Type 304 Stainless Steel Door, Add	223.34	
For Type 316 Stainless Steel Door, Add	361.17	
For Embossed Panel, Add	66.16	
For Galvanized Steel, Add	41.35	
For Baked Enamel Finish, Add	116.42	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.00	
For >100, Deduct	-26.29	
For Insulated Door (Polystyrene Core), Add	27.57	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	68.92	
For Seamless Edge (Welded), Add	34.46	
08 13 13 13-0040 EA 3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	334.67	28.70
For Composite Door Instead Of Full Panel Door, Add	12.48	
For Type 304 Stainless Steel Door, Add	224.69	
For Type 316 Stainless Steel Door, Add	363.33	
For Embossed Panel, Add	66.55	
For Galvanized Steel, Add	41.59	
For Baked Enamel Finish, Add	117.62	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.17	
For >100, Deduct	-26.54	
For Insulated Door (Polystyrene Core), Add	27.73	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.32	
08 13 13 13-0041 EA 3'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	355.62	28.70
For Composite Door Instead Of Full Panel Door, Add	13.42	
For Type 304 Stainless Steel Door, Add	241.45	
For Type 316 Stainless Steel Door, Add	390.57	
For Embossed Panel, Add	71.58	
For Galvanized Steel, Add	44.73	
For Baked Enamel Finish, Add	123.90	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-19.22	
For >100, Deduct	-28.11	
For Insulated Door (Polystyrene Core), Add	29.82	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.56	
08 13 13 13-0042 EA 3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated) .....	366.08	29.89
For Composite Door Instead Of Full Panel Door, Add	13.78	
For Type 304 Stainless Steel Door, Add	248.02	
For Type 316 Stainless Steel Door, Add	401.17	
For Embossed Panel, Add	73.51	
For Galvanized Steel, Add	45.94	
For Baked Enamel Finish, Add	127.76	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-19.80	
For >100, Deduct	-28.95	
For Insulated Door (Polystyrene Core), Add	30.63	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	76.57	

**08 Openings**  
**08 10 Doors And Frames**  
**08 13 Metal Doors**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0043	EA	4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	403.11	32.28
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.23	
			<i>For Type 304 Stainless Steel Door, Add</i>	274.06	
			<i>For Type 316 Stainless Steel Door, Add</i>	443.33	
			<i>For Embossed Panel, Add</i>	81.25	
			<i>For Galvanized Steel, Add</i>	50.78	
			<i>For Baked Enamel Finish, Add</i>	140.30	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-21.77	
			<i>For &gt;100, Deduct</i>	-31.85	
			<i>For Insulated Door (Polystyrene Core), Add</i>	33.85	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	84.64	
08 13 13	13-0044	PR	Pair 2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	644.54	52.25
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	24.30	
			<i>For Type 304 Stainless Steel Door, Add</i>	437.26	
			<i>For Type 316 Stainless Steel Door, Add</i>	707.28	
			<i>For Embossed Panel, Add</i>	129.61	
			<i>For Galvanized Steel, Add</i>	81.01	
			<i>For Baked Enamel Finish, Add</i>	224.71	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-34.84	
			<i>For &gt;100, Deduct</i>	-50.95	
			<i>For Insulated Door (Polystyrene Core), Add</i>	54.00	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	135.01	
08 13 13	13-0045	PR	Pair 2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	652.61	52.25
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	24.66	
			<i>For Type 304 Stainless Steel Door, Add</i>	443.71	
			<i>For Type 316 Stainless Steel Door, Add</i>	717.77	
			<i>For Embossed Panel, Add</i>	131.55	
			<i>For Galvanized Steel, Add</i>	82.22	
			<i>For Baked Enamel Finish, Add</i>	227.13	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-35.24	
			<i>For &gt;100, Deduct</i>	-51.56	
			<i>For Insulated Door (Polystyrene Core), Add</i>	54.81	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	137.03	
08 13 13	13-0046	PR	Pair 2'-10" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	644.60	46.63
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	24.81	
			<i>For Type 304 Stainless Steel Door, Add</i>	445.73	
			<i>For Type 316 Stainless Steel Door, Add</i>	721.39	
			<i>For Embossed Panel, Add</i>	132.32	
			<i>For Galvanized Steel, Add</i>	82.70	
			<i>For Baked Enamel Finish, Add</i>	221.36	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-34.56	
			<i>For &gt;100, Deduct</i>	-50.68	
			<i>For Insulated Door (Polystyrene Core), Add</i>	55.13	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	137.83	
			<i>For Seamless Edge (Welded), Add</i>	68.92	
08 13 13	13-0047	PR	Pair 3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	663.59	54.53
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	24.95	
			<i>For Type 304 Stainless Steel Door, Add</i>	449.09	
			<i>For Type 316 Stainless Steel Door, Add</i>	726.37	
			<i>For Embossed Panel, Add</i>	133.09	
			<i>For Galvanized Steel, Add</i>	83.18	
			<i>For Baked Enamel Finish, Add</i>	231.79	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-35.91	
			<i>For &gt;100, Deduct</i>	-52.50	
			<i>For Insulated Door (Polystyrene Core), Add</i>	55.46	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	138.64	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0048 PR Pair 3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	726.18	56.79
For Composite Door Instead Of Full Panel Door, Add	27.57	
For Type 304 Stainless Steel Door, Add	495.75	
For Type 316 Stainless Steel Door, Add	802.05	
For Embossed Panel, Add	147.02	
For Galvanized Steel, Add	91.89	
For Baked Enamel Finish, Add	251.93	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-39.15	
For >100, Deduct	-57.30	
For Insulated Door (Polystyrene Core), Add	61.26	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	153.15	
08 13 13 13-0049 PR Pair 4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	799.75	61.34
For Composite Door Instead Of Full Panel Door, Add	30.47	
For Type 304 Stainless Steel Door, Add	547.79	
For Type 316 Stainless Steel Door, Add	886.33	
For Embossed Panel, Add	162.50	
For Galvanized Steel, Add	101.56	
For Baked Enamel Finish, Add	276.73	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-43.05	
For >100, Deduct	-63.05	
For Insulated Door (Polystyrene Core), Add	67.71	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	169.27	
<b>08 13 13 13-0050 18 Gauge 1-3/4" Unrated Door (08 13 13 13)</b>		
<b>08 13 13 13-0051 6'-8" High (08 13 13 13-0050)</b>		
08 13 13 13-0052 EA 2' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	324.59	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	54.39	
For Composite Door Instead Of Full Panel Door, Add	12.24	
For Type 304 Stainless Steel Door, Add	220.21	
For Type 316 Stainless Steel Door, Add	356.19	
For Embossed Panel, Add	65.27	
For Galvanized Steel, Add	40.80	
For Baked Enamel Finish, Add	113.16	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.55	
For >100, Deduct	-25.66	
For 2" Thick Door, Add	21.03	
For Insulated Door (Polystyrene Core), Add	27.20	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.99	
08 13 13 13-0053 EA 2'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	324.59	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	54.39	
For Composite Door Instead Of Full Panel Door, Add	12.24	
For Type 304 Stainless Steel Door, Add	220.21	
For Type 316 Stainless Steel Door, Add	356.19	
For Embossed Panel, Add	65.27	
For Galvanized Steel, Add	40.80	
For Baked Enamel Finish, Add	113.16	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.55	
For >100, Deduct	-25.66	
For 2" Thick Door, Add	21.03	
For Insulated Door (Polystyrene Core), Add	27.20	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.99	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0054	EA		2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	332.53	27.50
			For 18 Gauge, Grade II, Heavy Duty, Add	55.51	
			For Composite Door Instead Of Full Panel Door, Add	12.49	
			For Type 304 Stainless Steel Door, Add	224.77	
			For Type 316 Stainless Steel Door, Add	363.54	
			For Embossed Panel, Add	66.61	
			For Galvanized Steel, Add	41.63	
			For Baked Enamel Finish, Add	116.26	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-18.00	
			For >100, Deduct	-26.31	
			For 2" Thick Door, Add	21.50	
			For Insulated Door (Polystyrene Core), Add	27.75	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.38	
08 13 13 13-0055	EA		2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	336.68	27.50
			For 18 Gauge, Grade II, Heavy Duty, Add	56.34	
			For Composite Door Instead Of Full Panel Door, Add	12.68	
			For Type 304 Stainless Steel Door, Add	228.09	
			For Type 316 Stainless Steel Door, Add	368.93	
			For Embossed Panel, Add	67.60	
			For Galvanized Steel, Add	42.25	
			For Baked Enamel Finish, Add	117.50	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-18.21	
			For >100, Deduct	-26.63	
			For 2" Thick Door, Add	21.80	
			For Insulated Door (Polystyrene Core), Add	28.17	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	70.42	
08 13 13 13-0056	EA		2'-10" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	339.53	28.10
			For 18 Gauge, Grade II, Heavy Duty, Add	56.67	
			For Composite Door Instead Of Full Panel Door, Add	12.75	
			For Type 304 Stainless Steel Door, Add	229.47	
			For Type 316 Stainless Steel Door, Add	371.14	
			For Embossed Panel, Add	68.00	
			For Galvanized Steel, Add	42.50	
			For Baked Enamel Finish, Add	118.72	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-18.38	
			For >100, Deduct	-26.87	
			For 2" Thick Door, Add	21.95	
			For Insulated Door (Polystyrene Core), Add	28.33	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	70.83	
			For Seamless Edge (Welded), Add	35.42	
			For Steel Stiffened, Add	70.83	
08 13 13 13-0057	EA		3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	342.38	28.70
			For 18 Gauge, Grade II, Heavy Duty, Add	57.00	
			For Composite Door Instead Of Full Panel Door, Add	12.82	
			For Type 304 Stainless Steel Door, Add	230.86	
			For Type 316 Stainless Steel Door, Add	373.36	
			For Embossed Panel, Add	68.40	
			For Galvanized Steel, Add	42.75	
			For Baked Enamel Finish, Add	119.93	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-18.55	
			For >100, Deduct	-27.11	
			For 2" Thick Door, Add	22.10	
			For Insulated Door (Polystyrene Core), Add	28.50	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.25	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors And Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0058 EA 3'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	363.92	28.70
For 18 Gauge, Grade II, Heavy Duty, Add	61.31	
For Composite Door Instead Of Full Panel Door, Add	13.79	
For Type 304 Stainless Steel Door, Add	248.09	
For Type 316 Stainless Steel Door, Add	401.36	
For Embossed Panel, Add	73.57	
For Galvanized Steel, Add	45.98	
For Baked Enamel Finish, Add	126.39	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-19.63	
For >100, Deduct	-28.73	
For 2" Thick Door, Add	23.66	
For Insulated Door (Polystyrene Core), Add	30.65	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	76.63	
08 13 13 13-0059 EA 3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	374.60	29.89
For 18 Gauge, Grade II, Heavy Duty, Add	62.96	
For Composite Door Instead Of Full Panel Door, Add	14.17	
For Type 304 Stainless Steel Door, Add	254.84	
For Type 316 Stainless Steel Door, Add	412.24	
For Embossed Panel, Add	75.55	
For Galvanized Steel, Add	47.22	
For Baked Enamel Finish, Add	130.32	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-20.22	
For >100, Deduct	-29.59	
For 2" Thick Door, Add	24.32	
For Insulated Door (Polystyrene Core), Add	31.48	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	78.70	
08 13 13 13-0060 EA 4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	412.52	32.28
For 18 Gauge, Grade II, Heavy Duty, Add	69.59	
For Composite Door Instead Of Full Panel Door, Add	15.66	
For Type 304 Stainless Steel Door, Add	281.59	
For Type 316 Stainless Steel Door, Add	455.56	
For Embossed Panel, Add	83.51	
For Galvanized Steel, Add	52.19	
For Baked Enamel Finish, Add	143.13	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-22.24	
For >100, Deduct	-32.55	
For 2" Thick Door, Add	26.84	
For Insulated Door (Polystyrene Core), Add	34.80	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	86.99	
08 13 13 13-0061 PR Pair 2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	659.57	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	111.01	
For Composite Door Instead Of Full Panel Door, Add	24.98	
For Type 304 Stainless Steel Door, Add	449.28	
For Type 316 Stainless Steel Door, Add	726.82	
For Embossed Panel, Add	133.22	
For Galvanized Steel, Add	83.26	
For Baked Enamel Finish, Add	229.22	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-35.59	
For >100, Deduct	-52.08	
For 2" Thick Door, Add	42.86	
For Insulated Door (Polystyrene Core), Add	55.51	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	138.77	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0062	PR	Pair 2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	667.85	52.25
			For 18 Gauge, Grade II, Heavy Duty, Add	112.67	
			For Composite Door Instead Of Full Panel Door, Add	25.35	
			For Type 304 Stainless Steel Door, Add	455.91	
			For Type 316 Stainless Steel Door, Add	737.58	
			For Embossed Panel, Add	135.20	
			For Galvanized Steel, Add	84.50	
			For Baked Enamel Finish, Add	231.71	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.01	
			For >100, Deduct	-52.70	
			For 2" Thick Door, Add	43.46	
			For Insulated Door (Polystyrene Core), Add	56.34	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	140.84	
08 13 13	13-0063	PR	Pair 2'-10" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	659.93	46.63
			For 18 Gauge, Grade II, Heavy Duty, Add	113.33	
			For Composite Door Instead Of Full Panel Door, Add	25.50	
			For Type 304 Stainless Steel Door, Add	457.99	
			For Type 316 Stainless Steel Door, Add	741.32	
			For Embossed Panel, Add	136.00	
			For Galvanized Steel, Add	85.00	
			For Baked Enamel Finish, Add	225.96	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-35.33	
			For >100, Deduct	-51.83	
			For 2" Thick Door, Add	43.41	
			For Insulated Door (Polystyrene Core), Add	56.67	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	141.67	
			For Seamless Edge (Welded), Add	70.83	
			For Steel Stiffened, Add	141.67	
08 13 13	13-0064	PR	Pair 3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	679.02	54.53
			For 18 Gauge, Grade II, Heavy Duty, Add	114.00	
			For Composite Door Instead Of Full Panel Door, Add	25.65	
			For Type 304 Stainless Steel Door, Add	461.44	
			For Type 316 Stainless Steel Door, Add	746.43	
			For Embossed Panel, Add	136.80	
			For Galvanized Steel, Add	85.50	
			For Baked Enamel Finish, Add	236.42	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.68	
			For >100, Deduct	-53.65	
			For 2" Thick Door, Add	44.05	
			For Insulated Door (Polystyrene Core), Add	57.00	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	142.50	
08 13 13	13-0065	PR	Pair 3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	743.22	56.79
			For 18 Gauge, Grade II, Heavy Duty, Add	125.93	
			For Composite Door Instead Of Full Panel Door, Add	28.33	
			For Type 304 Stainless Steel Door, Add	509.38	
			For Type 316 Stainless Steel Door, Add	824.20	
			For Embossed Panel, Add	151.11	
			For Galvanized Steel, Add	94.44	
			For Baked Enamel Finish, Add	257.04	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-40.00	
			For >100, Deduct	-58.58	
			For 2" Thick Door, Add	48.49	
			For Insulated Door (Polystyrene Core), Add	62.96	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	157.41	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0066 PR Pair 4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	818.58	61.34
For 18 Gauge, Grade II, Heavy Duty, Add	139.18	
For Composite Door Instead Of Full Panel Door, Add	31.32	
For Type 304 Stainless Steel Door, Add	562.85	
For Type 316 Stainless Steel Door, Add	910.80	
For Embossed Panel, Add	167.02	
For Galvanized Steel, Add	104.39	
For Baked Enamel Finish, Add	282.38	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-44.00	
For >100, Deduct	-64.46	
For 2" Thick Door, Add	53.52	
For Insulated Door (Polystyrene Core), Add	69.59	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	173.98	
<b>08 13 13 13-0067 7' High</b> <small>(08 13 13 13-0060)</small>		
08 13 13 13-0068 EA 2' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	331.05	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	55.69	
For Composite Door Instead Of Full Panel Door, Add	12.53	
For Type 304 Stainless Steel Door, Add	225.38	
For Type 316 Stainless Steel Door, Add	364.59	
For Embossed Panel, Add	66.82	
For Galvanized Steel, Add	41.76	
For Baked Enamel Finish, Add	115.10	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.87	
For >100, Deduct	-26.14	
For 2" Thick Door, Add	21.50	
For Insulated Door (Polystyrene Core), Add	27.84	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.61	
08 13 13 13-0069 EA 2'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	331.05	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	55.69	
For Composite Door Instead Of Full Panel Door, Add	12.53	
For Type 304 Stainless Steel Door, Add	225.38	
For Type 316 Stainless Steel Door, Add	364.59	
For Embossed Panel, Add	66.82	
For Galvanized Steel, Add	41.76	
For Baked Enamel Finish, Add	115.10	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-17.87	
For >100, Deduct	-26.14	
For 2" Thick Door, Add	21.50	
For Insulated Door (Polystyrene Core), Add	27.84	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.61	
08 13 13 13-0070 EA 2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	339.12	27.50
For 18 Gauge, Grade II, Heavy Duty, Add	56.82	
For Composite Door Instead Of Full Panel Door, Add	12.79	
For Type 304 Stainless Steel Door, Add	230.05	
For Type 316 Stainless Steel Door, Add	372.11	
For Embossed Panel, Add	68.19	
For Galvanized Steel, Add	42.62	
For Baked Enamel Finish, Add	118.24	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.33	
For >100, Deduct	-26.81	
For 2" Thick Door, Add	21.97	
For Insulated Door (Polystyrene Core), Add	28.41	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.03	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0071	EA	2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	343.36	27.50
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	57.67	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	12.98	
			<i>For Type 304 Stainless Steel Door, Add</i>	233.44	
			<i>For Type 316 Stainless Steel Door, Add</i>	377.62	
			<i>For Embossed Panel, Add</i>	69.21	
			<i>For Galvanized Steel, Add</i>	43.25	
			<i>For Baked Enamel Finish, Add</i>	119.51	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-18.54	
			<i>For &gt;100, Deduct</i>	-27.13	
			<i>For 2" Thick Door, Add</i>	22.28	
			<i>For Insulated Door (Polystyrene Core), Add</i>	28.84	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	72.09	
08 13 13	13-0072	EA	2'-10" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	346.26	28.10
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	58.01	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	13.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	234.86	
			<i>For Type 316 Stainless Steel Door, Add</i>	379.89	
			<i>For Embossed Panel, Add</i>	69.61	
			<i>For Galvanized Steel, Add</i>	43.51	
			<i>For Baked Enamel Finish, Add</i>	120.74	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-18.72	
			<i>For &gt;100, Deduct</i>	-27.37	
			<i>For 2" Thick Door, Add</i>	22.43	
			<i>For Insulated Door (Polystyrene Core), Add</i>	29.01	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	72.52	
			<i>For Seamless Edge (Welded), Add</i>	36.26	
			<i>For Steel Stiffened, Add</i>	72.52	
08 13 13	13-0073	EA	3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	349.14	28.70
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	58.35	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	13.13	
			<i>For Type 304 Stainless Steel Door, Add</i>	236.27	
			<i>For Type 316 Stainless Steel Door, Add</i>	382.14	
			<i>For Embossed Panel, Add</i>	70.02	
			<i>For Galvanized Steel, Add</i>	43.76	
			<i>For Baked Enamel Finish, Add</i>	121.96	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-18.89	
			<i>For &gt;100, Deduct</i>	-27.62	
			<i>For 2" Thick Door, Add</i>	22.59	
			<i>For Insulated Door (Polystyrene Core), Add</i>	29.18	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	72.94	
08 13 13	13-0074	EA	3'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	371.19	28.70
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	62.76	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	14.12	
			<i>For Type 304 Stainless Steel Door, Add</i>	253.91	
			<i>For Type 316 Stainless Steel Door, Add</i>	410.81	
			<i>For Embossed Panel, Add</i>	75.31	
			<i>For Galvanized Steel, Add</i>	47.07	
			<i>For Baked Enamel Finish, Add</i>	128.57	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-19.99	
			<i>For &gt;100, Deduct</i>	-29.27	
			<i>For 2" Thick Door, Add</i>	24.19	
			<i>For Insulated Door (Polystyrene Core), Add</i>	31.38	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	78.45	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075 EA 3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	382.07	29.89
For 18 Gauge, Grade II, Heavy Duty, Add	64.46	
For Composite Door Instead Of Full Panel Door, Add	14.50	
For Type 304 Stainless Steel Door, Add	260.81	
For Type 316 Stainless Steel Door, Add	421.95	
For Embossed Panel, Add	77.35	
For Galvanized Steel, Add	48.34	
For Baked Enamel Finish, Add	132.56	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-20.60	
For >100, Deduct	-30.15	
For 2" Thick Door, Add	24.86	
For Insulated Door (Polystyrene Core), Add	32.23	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	80.57	
08 13 13 13-0076 EA 4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	420.78	32.28
For 18 Gauge, Grade II, Heavy Duty, Add	71.24	
For Composite Door Instead Of Full Panel Door, Add	16.03	
For Type 304 Stainless Steel Door, Add	288.20	
For Type 316 Stainless Steel Door, Add	466.30	
For Embossed Panel, Add	85.49	
For Galvanized Steel, Add	53.43	
For Baked Enamel Finish, Add	145.61	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-22.65	
For >100, Deduct	-33.17	
For 2" Thick Door, Add	27.44	
For Insulated Door (Polystyrene Core), Add	35.62	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	89.05	
08 13 13 13-0077 PR Pair 2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	672.74	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	113.65	
For Composite Door Instead Of Full Panel Door, Add	25.57	
For Type 304 Stainless Steel Door, Add	459.82	
For Type 316 Stainless Steel Door, Add	743.94	
For Embossed Panel, Add	136.38	
For Galvanized Steel, Add	85.24	
For Baked Enamel Finish, Add	233.17	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-36.25	
For >100, Deduct	-53.07	
For 2" Thick Door, Add	43.81	
For Insulated Door (Polystyrene Core), Add	56.82	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	142.06	
08 13 13 13-0078 PR Pair 2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	681.22	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	115.34	
For Composite Door Instead Of Full Panel Door, Add	25.95	
For Type 304 Stainless Steel Door, Add	466.60	
For Type 316 Stainless Steel Door, Add	754.96	
For Embossed Panel, Add	138.41	
For Galvanized Steel, Add	86.51	
For Baked Enamel Finish, Add	235.72	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-36.67	
For >100, Deduct	-53.70	
For 2" Thick Door, Add	44.42	
For Insulated Door (Polystyrene Core), Add	57.67	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	144.18	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0079	PR	Pair 2'-10" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	673.38	46.63
			For 18 Gauge, Grade II, Heavy Duty, Add	116.02	
			For Composite Door Instead Of Full Panel Door, Add	26.10	
			For Type 304 Stainless Steel Door, Add	468.75	
			For Type 316 Stainless Steel Door, Add	758.81	
			For Embossed Panel, Add	139.23	
			For Galvanized Steel, Add	87.02	
			For Baked Enamel Finish, Add	230.00	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.00	
			For >100, Deduct	-52.84	
			For 2" Thick Door, Add	44.39	
			For Insulated Door (Polystyrene Core), Add	58.01	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	145.03	
			For Seamless Edge (Welded), Add	72.51	
			For Steel Stiffened, Add	145.03	
08 13 13	13-0080	PR	Pair 3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	692.54	54.53
			For 18 Gauge, Grade II, Heavy Duty, Add	116.70	
			For Composite Door Instead Of Full Panel Door, Add	26.26	
			For Type 304 Stainless Steel Door, Add	472.25	
			For Type 316 Stainless Steel Door, Add	764.00	
			For Embossed Panel, Add	140.04	
			For Galvanized Steel, Add	87.53	
			For Baked Enamel Finish, Add	240.47	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-37.35	
			For >100, Deduct	-54.67	
			For 2" Thick Door, Add	45.03	
			For Insulated Door (Polystyrene Core), Add	58.35	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	145.88	
08 13 13	13-0081	PR	Pair 3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	758.16	56.79
			For 18 Gauge, Grade II, Heavy Duty, Add	128.91	
			For Composite Door Instead Of Full Panel Door, Add	29.01	
			For Type 304 Stainless Steel Door, Add	521.34	
			For Type 316 Stainless Steel Door, Add	843.62	
			For Embossed Panel, Add	154.70	
			For Galvanized Steel, Add	96.69	
			For Baked Enamel Finish, Add	261.53	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-40.75	
			For >100, Deduct	-59.70	
			For 2" Thick Door, Add	49.57	
			For Insulated Door (Polystyrene Core), Add	64.46	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	161.14	
08 13 13	13-0082	PR	Pair 4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	835.10	61.34
			For 18 Gauge, Grade II, Heavy Duty, Add	142.48	
			For Composite Door Instead Of Full Panel Door, Add	32.06	
			For Type 304 Stainless Steel Door, Add	576.07	
			For Type 316 Stainless Steel Door, Add	932.28	
			For Embossed Panel, Add	170.98	
			For Galvanized Steel, Add	106.86	
			For Baked Enamel Finish, Add	287.33	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-44.82	
			For >100, Deduct	-65.70	
			For 2" Thick Door, Add	54.72	
			For Insulated Door (Polystyrene Core), Add	71.24	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	178.11	
08 13 13	13-0083		7'-2" High (08 13 13 13-0050)		



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084 EA 2' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	337.50	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	56.98	
For Composite Door Instead Of Full Panel Door, Add	12.82	
For Type 304 Stainless Steel Door, Add	230.54	
For Type 316 Stainless Steel Door, Add	372.98	
For Embossed Panel, Add	68.37	
For Galvanized Steel, Add	42.73	
For Baked Enamel Finish, Add	117.04	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.19	
For >100, Deduct	-26.63	
For 2" Thick Door, Add	21.97	
For Insulated Door (Polystyrene Core), Add	28.49	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.22	
08 13 13 13-0085 EA 2'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	337.50	26.30
For 18 Gauge, Grade II, Heavy Duty, Add	56.98	
For Composite Door Instead Of Full Panel Door, Add	12.82	
For Type 304 Stainless Steel Door, Add	230.54	
For Type 316 Stainless Steel Door, Add	372.98	
For Embossed Panel, Add	68.37	
For Galvanized Steel, Add	42.73	
For Baked Enamel Finish, Add	117.04	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.19	
For >100, Deduct	-26.63	
For 2" Thick Door, Add	21.97	
For Insulated Door (Polystyrene Core), Add	28.49	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.22	
08 13 13 13-0086 EA 2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	345.71	27.50
For 18 Gauge, Grade II, Heavy Duty, Add	58.14	
For Composite Door Instead Of Full Panel Door, Add	13.08	
For Type 304 Stainless Steel Door, Add	235.32	
For Type 316 Stainless Steel Door, Add	380.67	
For Embossed Panel, Add	69.77	
For Galvanized Steel, Add	43.61	
For Baked Enamel Finish, Add	120.21	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.66	
For >100, Deduct	-27.30	
For 2" Thick Door, Add	22.45	
For Insulated Door (Polystyrene Core), Add	29.07	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	72.68	
08 13 13 13-0087 EA 2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	350.05	27.50
For 18 Gauge, Grade II, Heavy Duty, Add	59.01	
For Composite Door Instead Of Full Panel Door, Add	13.28	
For Type 304 Stainless Steel Door, Add	238.79	
For Type 316 Stainless Steel Door, Add	386.32	
For Embossed Panel, Add	70.81	
For Galvanized Steel, Add	44.26	
For Baked Enamel Finish, Add	121.52	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-18.88	
For >100, Deduct	-27.63	
For 2" Thick Door, Add	22.77	
For Insulated Door (Polystyrene Core), Add	29.51	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	73.76	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0088	EA	3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	355.91	28.70
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	59.70	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	13.43	
			<i>For Type 304 Stainless Steel Door, Add</i>	241.69	
			<i>For Type 316 Stainless Steel Door, Add</i>	390.95	
			<i>For Embossed Panel, Add</i>	71.64	
			<i>For Galvanized Steel, Add</i>	44.78	
			<i>For Baked Enamel Finish, Add</i>	123.99	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-19.23	
			<i>For &gt;100, Deduct</i>	-28.13	
			<i>For 2" Thick Door, Add</i>	23.08	
			<i>For Insulated Door (Polystyrene Core), Add</i>	29.85	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	74.63	
08 13 13	13-0089	EA	3'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	378.47	28.70
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	64.22	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	14.45	
			<i>For Type 304 Stainless Steel Door, Add</i>	259.73	
			<i>For Type 316 Stainless Steel Door, Add</i>	420.27	
			<i>For Embossed Panel, Add</i>	77.06	
			<i>For Galvanized Steel, Add</i>	48.16	
			<i>For Baked Enamel Finish, Add</i>	130.76	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-20.36	
			<i>For &gt;100, Deduct</i>	-29.82	
			<i>For 2" Thick Door, Add</i>	24.71	
			<i>For Insulated Door (Polystyrene Core), Add</i>	32.11	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	80.27	
08 13 13	13-0090	EA	3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	389.55	29.89
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	65.95	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	14.84	
			<i>For Type 304 Stainless Steel Door, Add</i>	266.80	
			<i>For Type 316 Stainless Steel Door, Add</i>	431.68	
			<i>For Embossed Panel, Add</i>	79.14	
			<i>For Galvanized Steel, Add</i>	49.46	
			<i>For Baked Enamel Finish, Add</i>	134.80	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-20.97	
			<i>For &gt;100, Deduct</i>	-30.71	
			<i>For 2" Thick Door, Add</i>	25.40	
			<i>For Insulated Door (Polystyrene Core), Add</i>	32.98	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	82.44	
08 13 13	13-0091	EA	4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	429.04	32.28
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	72.89	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	16.40	
			<i>For Type 304 Stainless Steel Door, Add</i>	294.80	
			<i>For Type 316 Stainless Steel Door, Add</i>	477.04	
			<i>For Embossed Panel, Add</i>	87.47	
			<i>For Galvanized Steel, Add</i>	54.67	
			<i>For Baked Enamel Finish, Add</i>	148.08	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-23.07	
			<i>For &gt;100, Deduct</i>	-33.79	
			<i>For 2" Thick Door, Add</i>	28.04	
			<i>For Insulated Door (Polystyrene Core), Add</i>	36.45	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	91.12	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors And Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092 PR Pair 2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	685.91	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	116.28	
For Composite Door Instead Of Full Panel Door, Add	26.16	
For Type 304 Stainless Steel Door, Add	470.35	
For Type 316 Stainless Steel Door, Add	761.06	
For Embossed Panel, Add	139.54	
For Galvanized Steel, Add	87.21	
For Baked Enamel Finish, Add	237.12	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-36.91	
For >100, Deduct	-54.06	
For 2" Thick Door, Add	44.76	
For Insulated Door (Polystyrene Core), Add	58.14	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	145.35	
08 13 13 13-0093 PR Pair 2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	694.59	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	118.02	
For Composite Door Instead Of Full Panel Door, Add	26.55	
For Type 304 Stainless Steel Door, Add	477.30	
For Type 316 Stainless Steel Door, Add	772.34	
For Embossed Panel, Add	141.62	
For Galvanized Steel, Add	88.51	
For Baked Enamel Finish, Add	239.73	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-37.34	
For >100, Deduct	-54.71	
For 2" Thick Door, Add	45.39	
For Insulated Door (Polystyrene Core), Add	59.01	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	147.52	
08 13 13 13-0094 PR Pair 2'-10" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	686.83	46.63
For 18 Gauge, Grade II, Heavy Duty, Add	118.71	
For Composite Door Instead Of Full Panel Door, Add	26.71	
For Type 304 Stainless Steel Door, Add	479.51	
For Type 316 Stainless Steel Door, Add	776.29	
For Embossed Panel, Add	142.45	
For Galvanized Steel, Add	89.03	
For Baked Enamel Finish, Add	234.03	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-36.67	
For >100, Deduct	-53.84	
For 2" Thick Door, Add	45.36	
For Insulated Door (Polystyrene Core), Add	59.36	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	148.39	
For Seamless Edge (Welded), Add	74.20	
For Steel Stiffened, Add	148.39	
08 13 13 13-0095 PR Pair 3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	706.07	54.53
For 18 Gauge, Grade II, Heavy Duty, Add	119.41	
For Composite Door Instead Of Full Panel Door, Add	26.87	
For Type 304 Stainless Steel Door, Add	483.08	
For Type 316 Stainless Steel Door, Add	781.59	
For Embossed Panel, Add	143.29	
For Galvanized Steel, Add	89.55	
For Baked Enamel Finish, Add	244.53	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-38.03	
For >100, Deduct	-55.68	
For 2" Thick Door, Add	46.01	
For Insulated Door (Polystyrene Core), Add	59.70	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.26	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0096	PR	Pair 3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	773.10	56.79
			For 18 Gauge, Grade II, Heavy Duty, Add	131.90	
			For Composite Door Instead Of Full Panel Door, Add	29.68	
			For Type 304 Stainless Steel Door, Add	533.29	
			For Type 316 Stainless Steel Door, Add	863.04	
			For Embossed Panel, Add	158.28	
			For Galvanized Steel, Add	98.93	
			For Baked Enamel Finish, Add	266.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-41.49	
			For >100, Deduct	-60.82	
			For 2" Thick Door, Add	50.65	
			For Insulated Door (Polystyrene Core), Add	65.95	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	164.88	
08 13 13	13-0097	PR	Pair 4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated) .....	851.61	61.34
			For 18 Gauge, Grade II, Heavy Duty, Add	145.79	
			For Composite Door Instead Of Full Panel Door, Add	32.80	
			For Type 304 Stainless Steel Door, Add	589.28	
			For Type 316 Stainless Steel Door, Add	953.74	
			For Embossed Panel, Add	174.94	
			For Galvanized Steel, Add	109.34	
			For Baked Enamel Finish, Add	292.29	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-45.65	
			For >100, Deduct	-66.94	
			For 2" Thick Door, Add	55.91	
			For Insulated Door (Polystyrene Core), Add	72.89	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	182.23	
08 13 13	13-0098		<b>8' High</b> (08 13 13-0050)		
08 13 13	13-0099	EA	2' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	390.74	26.30
			For 18 Gauge, Grade II, Heavy Duty, Add	67.62	
			For Up To 1' Extra Height, Add	93.56	
			For 1' To 1'-6" Extra Height, Add	178.49	
			For Composite Door Instead Of Full Panel Door, Add	15.22	
			For Type 304 Stainless Steel Door, Add	273.13	
			For Type 316 Stainless Steel Door, Add	442.19	
			For Embossed Panel, Add	81.15	
			For Galvanized Steel, Add	50.72	
			For Baked Enamel Finish, Add	133.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-20.85	
			For >100, Deduct	-30.62	
			For 2" Thick Door, Add	25.83	
			For Insulated Door (Polystyrene Core), Add	33.81	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	84.53	
08 13 13	13-0100	EA	2'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	390.74	26.30
			For 18 Gauge, Grade II, Heavy Duty, Add	67.62	
			For Up To 1' Extra Height, Add	93.56	
			For 1' To 1'-6" Extra Height, Add	178.49	
			For Composite Door Instead Of Full Panel Door, Add	15.22	
			For Type 304 Stainless Steel Door, Add	273.13	
			For Type 316 Stainless Steel Door, Add	442.19	
			For Embossed Panel, Add	81.15	
			For Galvanized Steel, Add	50.72	
			For Baked Enamel Finish, Add	133.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-20.85	
			For >100, Deduct	-30.62	
			For 2" Thick Door, Add	25.83	
			For Insulated Door (Polystyrene Core), Add	33.81	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	84.53	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101 EA 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	400.04	27.50
For 18 Gauge, Grade II, Heavy Duty, Add	69.01	
For Up To 1' Extra Height, Add	95.47	
For 1' To 1'-6" Extra Height, Add	182.15	
For Composite Door Instead Of Full Panel Door, Add	15.53	
For Type 304 Stainless Steel Door, Add	278.78	
For Type 316 Stainless Steel Door, Add	451.30	
For Embossed Panel, Add	82.81	
For Galvanized Steel, Add	51.76	
For Baked Enamel Finish, Add	136.51	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-21.38	
For >100, Deduct	-31.38	
For 2" Thick Door, Add	26.39	
For Insulated Door (Polystyrene Core), Add	34.50	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	86.26	
08 13 13 13-0102 EA 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	405.19	27.50
For 18 Gauge, Grade II, Heavy Duty, Add	70.04	
For Up To 1' Extra Height, Add	96.90	
For 1' To 1'-6" Extra Height, Add	184.87	
For Composite Door Instead Of Full Panel Door, Add	15.76	
For Type 304 Stainless Steel Door, Add	282.90	
For Type 316 Stainless Steel Door, Add	458.00	
For Embossed Panel, Add	84.05	
For Galvanized Steel, Add	52.53	
For Baked Enamel Finish, Add	138.06	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-21.63	
For >100, Deduct	-31.76	
For 2" Thick Door, Add	26.76	
For Insulated Door (Polystyrene Core), Add	35.02	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	87.55	
08 13 13 13-0103 EA 2'-10" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	408.45	28.10
For 18 Gauge, Grade II, Heavy Duty, Add	70.45	
For Up To 1' Extra Height, Add	97.47	
For 1' To 1'-6" Extra Height, Add	185.95	
For Composite Door Instead Of Full Panel Door, Add	15.85	
For Type 304 Stainless Steel Door, Add	284.61	
For Type 316 Stainless Steel Door, Add	460.74	
For Embossed Panel, Add	84.54	
For Galvanized Steel, Add	52.84	
For Baked Enamel Finish, Add	139.40	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-21.83	
For >100, Deduct	-32.04	
For 2" Thick Door, Add	26.94	
For Insulated Door (Polystyrene Core), Add	35.23	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	88.06	
For Seamless Edge (Welded), Add	44.03	
For Steel Stiffened, Add	88.06	
08 13 13 13-0104 EA 3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	411.70	28.70
For 18 Gauge, Grade II, Heavy Duty, Add	70.86	
For Up To 1' Extra Height, Add	98.04	
For 1' To 1'-6" Extra Height, Add	187.04	
For Composite Door Instead Of Full Panel Door, Add	15.94	
For Type 304 Stainless Steel Door, Add	286.32	
For Type 316 Stainless Steel Door, Add	463.47	
For Embossed Panel, Add	85.03	
For Galvanized Steel, Add	53.15	
For Baked Enamel Finish, Add	140.73	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-22.02	
For >100, Deduct	-32.31	
For 2" Thick Door, Add	27.12	
For Insulated Door (Polystyrene Core), Add	35.43	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	88.58	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 13 13	13-0105	EA 3'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	438.48	28.70
		<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	76.22	
		<i>For Up To 1' Extra Height, Add</i>	105.45	
		<i>For 1' To 1'-6" Extra Height, Add</i>	201.18	
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.15	
		<i>For Type 304 Stainless Steel Door, Add</i>	307.74	
		<i>For Type 316 Stainless Steel Door, Add</i>	498.29	
		<i>For Embossed Panel, Add</i>	91.46	
		<i>For Galvanized Steel, Add</i>	57.16	
		<i>For Baked Enamel Finish, Add</i>	148.76	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-23.36	
		<i>For &gt;100, Deduct</i>	-34.32	
		<i>For 2" Thick Door, Add</i>	29.06	
		<i>For Insulated Door (Polystyrene Core), Add</i>	38.11	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	95.27	
08 13 13	13-0106	EA 3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	451.18	29.89
		<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	78.28	
		<i>For Up To 1' Extra Height, Add</i>	108.30	
		<i>For 1' To 1'-6" Extra Height, Add</i>	206.61	
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.61	
		<i>For Type 304 Stainless Steel Door, Add</i>	316.10	
		<i>For Type 316 Stainless Steel Door, Add</i>	511.80	
		<i>For Embossed Panel, Add</i>	93.93	
		<i>For Galvanized Steel, Add</i>	58.71	
		<i>For Baked Enamel Finish, Add</i>	153.29	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-24.05	
		<i>For &gt;100, Deduct</i>	-35.33	
		<i>For 2" Thick Door, Add</i>	29.87	
		<i>For Insulated Door (Polystyrene Core), Add</i>	39.14	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	97.85	
08 13 13	13-0107	EA 4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	497.15	32.28
		<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	86.52	
		<i>For Up To 1' Extra Height, Add</i>	119.69	
		<i>For 1' To 1'-6" Extra Height, Add</i>	228.36	
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	19.47	
		<i>For Type 304 Stainless Steel Door, Add</i>	349.29	
		<i>For Type 316 Stainless Steel Door, Add</i>	565.58	
		<i>For Embossed Panel, Add</i>	103.82	
		<i>For Galvanized Steel, Add</i>	64.89	
		<i>For Baked Enamel Finish, Add</i>	168.52	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-26.47	
		<i>For &gt;100, Deduct</i>	-38.90	
		<i>For 2" Thick Door, Add</i>	32.98	
		<i>For Insulated Door (Polystyrene Core), Add</i>	43.26	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	108.15	
08 13 13	13-0108	PR Pair 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	794.57	52.25
		<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	138.01	
		<i>For Up To 1' Extra Height, Add</i>	190.94	
		<i>For 1' To 1'-6" Extra Height, Add</i>	364.29	
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	31.05	
		<i>For Type 304 Stainless Steel Door, Add</i>	557.28	
		<i>For Type 316 Stainless Steel Door, Add</i>	902.32	
		<i>For Embossed Panel, Add</i>	165.62	
		<i>For Galvanized Steel, Add</i>	103.51	
		<i>For Baked Enamel Finish, Add</i>	269.72	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-42.34	
		<i>For &gt;100, Deduct</i>	-62.21	
		<i>For 2" Thick Door, Add</i>	52.64	
		<i>For Insulated Door (Polystyrene Core), Add</i>	69.01	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	172.52	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0109 PR Pair 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	804.87	52.25
For 18 Gauge, Grade II, Heavy Duty, Add	140.07	
For Up To 1' Extra Height, Add	193.79	
For 1' To 1'-6" Extra Height, Add	369.73	
For Composite Door Instead Of Full Panel Door, Add	31.52	
For Type 304 Stainless Steel Door, Add	565.52	
For Type 316 Stainless Steel Door, Add	915.71	
For Embossed Panel, Add	168.09	
For Galvanized Steel, Add	105.06	
For Baked Enamel Finish, Add	272.81	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-42.86	
For >100, Deduct	-62.98	
For 2" Thick Door, Add	53.39	
For Insulated Door (Polystyrene Core), Add	70.04	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	175.09	
08 13 13 13-0110 PR Pair 2'-10" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	797.76	46.63
For 18 Gauge, Grade II, Heavy Duty, Add	140.90	
For Up To 1' Extra Height, Add	194.93	
For 1' To 1'-6" Extra Height, Add	371.90	
For Composite Door Instead Of Full Panel Door, Add	31.70	
For Type 304 Stainless Steel Door, Add	568.26	
For Type 316 Stainless Steel Door, Add	920.50	
For Embossed Panel, Add	169.08	
For Galvanized Steel, Add	105.67	
For Baked Enamel Finish, Add	267.31	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-42.22	
For >100, Deduct	-62.16	
For 2" Thick Door, Add	53.41	
For Insulated Door (Polystyrene Core), Add	70.45	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	176.12	
For Seamless Edge (Welded), Add	88.06	
For Steel Stiffened, Add	176.12	
08 13 13 13-0111 PR Pair 3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	817.65	54.53
For 18 Gauge, Grade II, Heavy Duty, Add	141.72	
For Up To 1' Extra Height, Add	196.07	
For 1' To 1'-6" Extra Height, Add	374.08	
For Composite Door Instead Of Full Panel Door, Add	31.89	
For Type 304 Stainless Steel Door, Add	572.34	
For Type 316 Stainless Steel Door, Add	926.65	
For Embossed Panel, Add	170.07	
For Galvanized Steel, Add	106.29	
For Baked Enamel Finish, Add	278.01	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-43.61	
For >100, Deduct	-64.05	
For 2" Thick Door, Add	54.10	
For Insulated Door (Polystyrene Core), Add	70.86	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	177.15	
08 13 13 13-0112 PR Pair 3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated) .....	896.36	56.79
For 18 Gauge, Grade II, Heavy Duty, Add	156.55	
For Up To 1' Extra Height, Add	216.59	
For 1' To 1'-6" Extra Height, Add	413.22	
For Composite Door Instead Of Full Panel Door, Add	35.22	
For Type 304 Stainless Steel Door, Add	631.90	
For Type 316 Stainless Steel Door, Add	1,023.28	
For Embossed Panel, Add	187.86	
For Galvanized Steel, Add	117.42	
For Baked Enamel Finish, Add	302.99	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-47.66	
For >100, Deduct	-70.07	
For 2" Thick Door, Add	59.59	
For Insulated Door (Polystyrene Core), Add	78.28	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	195.69	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors And Frames</b>
	<b>08 13</b>	<b>Metal Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0113 PR Pair 4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	987.85	61.34
For Composite Door Instead Of Full Panel Door, Add	38.93	
For Type 304 Stainless Steel Door, Add	698.27	
For Type 316 Stainless Steel Door, Add	1,130.86	
For Embossed Panel, Add	207.64	
For Galvanized Steel, Add	129.78	
For Baked Enamel Finish, Add	333.16	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-52.46	
For >100, Deduct	-77.16	
For 2" Thick Door, Add	65.79	
For Insulated Door (Polystyrene Core), Add	86.52	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	216.29	
<b>08 13 13 13-0114 16 Gauge 1-3/4" Unrated Door (08 13 13 13)</b>		
<b>08 13 13 13-0115 6'-8" High (08 13 13 13-0114)</b>		
08 13 13 13-0116 EA 2' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	429.30	26.30
For 16 Gauge, Grade III, Extra Heavy Duty, Add	113.00	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	150.67	
For Composite Door Instead Of Full Panel Door, Add	16.95	
For Type 304 Stainless Steel Door, Add	303.98	
For Type 316 Stainless Steel Door, Add	492.32	
For Embossed Panel, Add	90.40	
For Galvanized Steel, Add	56.50	
For Baked Enamel Finish, Add	144.58	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-22.78	
For >100, Deduct	-33.51	
For 2" Thick Door, Add	28.62	
For Insulated Door (Polystyrene Core), Add	37.67	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.17	
08 13 13 13-0117 EA 2'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	429.30	26.30
For 16 Gauge, Grade III, Extra Heavy Duty, Add	113.00	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	150.67	
For Composite Door Instead Of Full Panel Door, Add	16.95	
For Type 304 Stainless Steel Door, Add	303.98	
For Type 316 Stainless Steel Door, Add	492.32	
For Embossed Panel, Add	90.40	
For Galvanized Steel, Add	56.50	
For Baked Enamel Finish, Add	144.58	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-22.78	
For >100, Deduct	-33.51	
For 2" Thick Door, Add	28.62	
For Insulated Door (Polystyrene Core), Add	37.67	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.17	
08 13 13 13-0118 EA 2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	439.38	27.50
For 16 Gauge, Grade III, Extra Heavy Duty, Add	115.31	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	153.75	
For Composite Door Instead Of Full Panel Door, Add	17.30	
For Type 304 Stainless Steel Door, Add	310.25	
For Type 316 Stainless Steel Door, Add	502.44	
For Embossed Panel, Add	92.25	
For Galvanized Steel, Add	57.66	
For Baked Enamel Finish, Add	148.31	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-23.34	
For >100, Deduct	-34.33	
For 2" Thick Door, Add	29.24	
For Insulated Door (Polystyrene Core), Add	38.44	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.10	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0119 EA 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	445.12	27.50
For 16 Gauge, Grade III, Extra Heavy Duty, Add	117.04	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	156.05	
For Composite Door Instead Of Full Panel Door, Add	17.56	
For Type 304 Stainless Steel Door, Add	314.85	
For Type 316 Stainless Steel Door, Add	509.91	
For Embossed Panel, Add	93.63	
For Galvanized Steel, Add	58.52	
For Baked Enamel Finish, Add	150.04	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-23.63	
For >100, Deduct	-34.76	
For 2" Thick Door, Add	29.66	
For Insulated Door (Polystyrene Core), Add	39.01	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	97.53	
08 13 13 13-0120 EA 2'-10" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	448.61	28.10
For 16 Gauge, Grade III, Extra Heavy Duty, Add	117.72	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	156.96	
For Composite Door Instead Of Full Panel Door, Add	17.66	
For Type 304 Stainless Steel Door, Add	316.74	
For Type 316 Stainless Steel Door, Add	512.94	
For Embossed Panel, Add	94.18	
For Galvanized Steel, Add	58.86	
For Baked Enamel Finish, Add	151.44	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-23.84	
For >100, Deduct	-35.05	
For 2" Thick Door, Add	29.85	
For Insulated Door (Polystyrene Core), Add	39.24	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.10	
For Seamless Edge (Welded), Add	49.05	
For Steel Stiffened, Add	98.10	
08 13 13 13-0121 EA 3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	452.10	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.41	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	157.88	
For Composite Door Instead Of Full Panel Door, Add	17.76	
For Type 304 Stainless Steel Door, Add	318.64	
For Type 316 Stainless Steel Door, Add	515.99	
For Embossed Panel, Add	94.73	
For Galvanized Steel, Add	59.21	
For Baked Enamel Finish, Add	152.85	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.04	
For >100, Deduct	-35.34	
For 2" Thick Door, Add	30.05	
For Insulated Door (Polystyrene Core), Add	39.47	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.68	
08 13 13 13-0122 EA 3'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	481.93	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	127.36	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	169.82	
For Composite Door Instead Of Full Panel Door, Add	19.10	
For Type 304 Stainless Steel Door, Add	342.50	
For Type 316 Stainless Steel Door, Add	554.77	
For Embossed Panel, Add	101.89	
For Galvanized Steel, Add	63.68	
For Baked Enamel Finish, Add	161.80	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-25.53	
For >100, Deduct	-37.58	
For 2" Thick Door, Add	32.21	
For Insulated Door (Polystyrene Core), Add	42.45	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	106.14	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0123	EA	3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	495.81	29.89
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	130.81	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	174.41	
			For Composite Door Instead Of Full Panel Door, Add	19.62	
			For Type 304 Stainless Steel Door, Add	351.81	
			For Type 316 Stainless Steel Door, Add	569.82	
			For Embossed Panel, Add	104.64	
			For Galvanized Steel, Add	65.40	
			For Baked Enamel Finish, Add	166.68	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.29	
			For >100, Deduct	-38.68	
			For 2" Thick Door, Add	33.11	
			For Insulated Door (Polystyrene Core), Add	43.60	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	109.01	
08 13 13	13-0124	EA	4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	546.48	32.28
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	144.57	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	192.76	
			For Composite Door Instead Of Full Panel Door, Add	21.69	
			For Type 304 Stainless Steel Door, Add	388.76	
			For Type 316 Stainless Steel Door, Add	629.71	
			For Embossed Panel, Add	115.66	
			For Galvanized Steel, Add	72.29	
			For Baked Enamel Finish, Add	183.32	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-28.94	
			For >100, Deduct	-42.60	
			For 2" Thick Door, Add	36.55	
			For Insulated Door (Polystyrene Core), Add	48.19	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	120.48	
08 13 13	13-0125	PR	Pair 2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	873.27	52.25
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	230.63	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	307.51	
			For Composite Door Instead Of Full Panel Door, Add	34.59	
			For Type 304 Stainless Steel Door, Add	620.24	
			For Type 316 Stainless Steel Door, Add	1,004.63	
			For Embossed Panel, Add	184.50	
			For Galvanized Steel, Add	115.32	
			For Baked Enamel Finish, Add	293.33	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-46.28	
			For >100, Deduct	-68.11	
			For 2" Thick Door, Add	58.35	
			For Insulated Door (Polystyrene Core), Add	76.88	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	192.19	
08 13 13	13-0126	PR	Pair 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	884.74	52.25
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	234.07	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	312.10	
			For Composite Door Instead Of Full Panel Door, Add	35.11	
			For Type 304 Stainless Steel Door, Add	629.42	
			For Type 316 Stainless Steel Door, Add	1,019.54	
			For Embossed Panel, Add	187.26	
			For Galvanized Steel, Add	117.04	
			For Baked Enamel Finish, Add	296.77	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-46.85	
			For >100, Deduct	-68.97	
			For 2" Thick Door, Add	59.18	
			For Insulated Door (Polystyrene Core), Add	78.02	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	195.06	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0127 PR Pair 2'-10" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	878.10	46.63
For 16 Gauge, Grade III, Extra Heavy Duty, Add	235.45	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	313.93	
For Composite Door Instead Of Full Panel Door, Add	35.32	
For Type 304 Stainless Steel Door, Add	632.53	
For Type 316 Stainless Steel Door, Add	1,024.94	
For Embossed Panel, Add	188.36	
For Galvanized Steel, Add	117.72	
For Baked Enamel Finish, Add	291.41	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-46.24	
For >100, Deduct	-68.19	
For 2" Thick Door, Add	59.23	
For Insulated Door (Polystyrene Core), Add	78.48	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	196.21	
For Seamless Edge (Welded), Add	98.10	
For Steel Stiffened, Add	196.21	
08 13 13 13-0128 PR Pair 3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	898.46	54.53
For 16 Gauge, Grade III, Extra Heavy Duty, Add	236.83	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	315.77	
For Composite Door Instead Of Full Panel Door, Add	35.52	
For Type 304 Stainless Steel Door, Add	636.99	
For Type 316 Stainless Steel Door, Add	1,031.70	
For Embossed Panel, Add	189.46	
For Galvanized Steel, Add	118.41	
For Baked Enamel Finish, Add	302.25	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-47.65	
For >100, Deduct	-70.11	
For 2" Thick Door, Add	59.96	
For Insulated Door (Polystyrene Core), Add	78.94	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	197.36	
08 13 13 13-0129 PR Pair 3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	985.62	56.79
For 16 Gauge, Grade III, Extra Heavy Duty, Add	261.61	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	348.81	
For Composite Door Instead Of Full Panel Door, Add	39.24	
For Type 304 Stainless Steel Door, Add	703.30	
For Type 316 Stainless Steel Door, Add	1,139.32	
For Embossed Panel, Add	209.29	
For Galvanized Steel, Add	130.80	
For Baked Enamel Finish, Add	329.76	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-52.12	
For >100, Deduct	-76.76	
For 2" Thick Door, Add	66.06	
For Insulated Door (Polystyrene Core), Add	87.20	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	218.01	
08 13 13 13-0130 PR Pair 4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,086.51	61.34
For 16 Gauge, Grade III, Extra Heavy Duty, Add	289.15	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	385.53	
For Composite Door Instead Of Full Panel Door, Add	43.37	
For Type 304 Stainless Steel Door, Add	777.20	
For Type 316 Stainless Steel Door, Add	1,259.11	
For Embossed Panel, Add	231.32	
For Galvanized Steel, Add	144.57	
For Baked Enamel Finish, Add	362.76	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-57.39	
For >100, Deduct	-84.56	
For 2" Thick Door, Add	72.94	
For Insulated Door (Polystyrene Core), Add	96.38	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	240.96	

08 13 13 13-0131 7' High (08 13 13 13-0114)

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0132	EA		2' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	438.24	26.30
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	115.69	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	154.25	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.35	
			<i>For Type 304 Stainless Steel Door, Add</i>	311.13	
			<i>For Type 316 Stainless Steel Door, Add</i>	503.94	
			<i>For Embossed Panel, Add</i>	92.55	
			<i>For Galvanized Steel, Add</i>	57.84	
			<i>For Baked Enamel Finish, Add</i>	147.26	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-23.23	
			<i>For &gt;100, Deduct</i>	-34.18	
			<i>For 2" Thick Door, Add</i>	29.27	
			<i>For Insulated Door (Polystyrene Core), Add</i>	38.56	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	96.41	
08 13 13 13-0133	EA		2'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	438.24	26.30
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	115.69	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	154.25	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.35	
			<i>For Type 304 Stainless Steel Door, Add</i>	311.13	
			<i>For Type 316 Stainless Steel Door, Add</i>	503.94	
			<i>For Embossed Panel, Add</i>	92.55	
			<i>For Galvanized Steel, Add</i>	57.84	
			<i>For Baked Enamel Finish, Add</i>	147.26	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-23.23	
			<i>For &gt;100, Deduct</i>	-34.18	
			<i>For 2" Thick Door, Add</i>	29.27	
			<i>For Insulated Door (Polystyrene Core), Add</i>	38.56	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	96.41	
08 13 13 13-0134	EA		2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	448.51	27.50
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	118.05	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	157.40	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.71	
			<i>For Type 304 Stainless Steel Door, Add</i>	317.56	
			<i>For Type 316 Stainless Steel Door, Add</i>	514.31	
			<i>For Embossed Panel, Add</i>	94.44	
			<i>For Galvanized Steel, Add</i>	59.03	
			<i>For Baked Enamel Finish, Add</i>	151.05	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-23.80	
			<i>For &gt;100, Deduct</i>	-35.01	
			<i>For 2" Thick Door, Add</i>	29.90	
			<i>For Insulated Door (Polystyrene Core), Add</i>	39.35	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	98.38	
08 13 13 13-0135	EA		2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	454.38	27.50
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	119.81	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	159.75	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	17.97	
			<i>For Type 304 Stainless Steel Door, Add</i>	322.25	
			<i>For Type 316 Stainless Steel Door, Add</i>	521.94	
			<i>For Embossed Panel, Add</i>	95.85	
			<i>For Galvanized Steel, Add</i>	59.91	
			<i>For Baked Enamel Finish, Add</i>	152.81	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-24.09	
			<i>For &gt;100, Deduct</i>	-35.45	
			<i>For 2" Thick Door, Add</i>	30.33	
			<i>For Insulated Door (Polystyrene Core), Add</i>	39.94	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	99.85	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0136 EA 2'-10" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	457.93	28.10
For 16 Gauge, Grade III, Extra Heavy Duty, Add	120.52	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	160.69	
For Composite Door Instead Of Full Panel Door, Add	18.08	
For Type 304 Stainless Steel Door, Add	324.19	
For Type 316 Stainless Steel Door, Add	525.06	
For Embossed Panel, Add	96.42	
For Galvanized Steel, Add	60.26	
For Baked Enamel Finish, Add	154.24	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.30	
For >100, Deduct	-35.75	
For 2" Thick Door, Add	30.53	
For Insulated Door (Polystyrene Core), Add	40.17	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	100.43	
For Seamless Edge (Welded), Add	50.22	
For Steel Stiffened, Add	100.43	
08 13 13 13-0137 EA 3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	461.47	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	121.22	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	161.63	
For Composite Door Instead Of Full Panel Door, Add	18.18	
For Type 304 Stainless Steel Door, Add	326.13	
For Type 316 Stainless Steel Door, Add	528.17	
For Embossed Panel, Add	96.98	
For Galvanized Steel, Add	60.61	
For Baked Enamel Finish, Add	155.66	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.51	
For >100, Deduct	-36.05	
For 2" Thick Door, Add	30.73	
For Insulated Door (Polystyrene Core), Add	40.41	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	101.02	
08 13 13 13-0138 EA 3'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	492.01	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	130.39	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	173.85	
For Composite Door Instead Of Full Panel Door, Add	19.56	
For Type 304 Stainless Steel Door, Add	350.57	
For Type 316 Stainless Steel Door, Add	567.88	
For Embossed Panel, Add	104.31	
For Galvanized Steel, Add	65.19	
For Baked Enamel Finish, Add	164.82	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-26.04	
For >100, Deduct	-38.34	
For 2" Thick Door, Add	32.94	
For Insulated Door (Polystyrene Core), Add	43.46	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	108.66	
08 13 13 13-0139 EA 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	506.15	29.89
For 16 Gauge, Grade III, Extra Heavy Duty, Add	133.91	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	178.54	
For Composite Door Instead Of Full Panel Door, Add	20.09	
For Type 304 Stainless Steel Door, Add	360.08	
For Type 316 Stainless Steel Door, Add	583.26	
For Embossed Panel, Add	107.13	
For Galvanized Steel, Add	66.95	
For Baked Enamel Finish, Add	169.78	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-26.80	
For >100, Deduct	-39.46	
For 2" Thick Door, Add	33.86	
For Insulated Door (Polystyrene Core), Add	44.64	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	111.59	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0140	EA	4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	557.92	32.28
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	148.01	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	197.34	
			For Composite Door Instead Of Full Panel Door, Add	22.20	
			For Type 304 Stainless Steel Door, Add	397.91	
			For Type 316 Stainless Steel Door, Add	644.58	
			For Embossed Panel, Add	118.40	
			For Galvanized Steel, Add	74.00	
			For Baked Enamel Finish, Add	186.75	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-29.51	
			For >100, Deduct	-43.46	
			For 2" Thick Door, Add	37.38	
			For Insulated Door (Polystyrene Core), Add	49.34	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	123.34	
08 13 13	13-0141	PR	Pair 2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	891.51	52.25
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	236.10	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	314.80	
			For Composite Door Instead Of Full Panel Door, Add	35.42	
			For Type 304 Stainless Steel Door, Add	634.83	
			For Type 316 Stainless Steel Door, Add	1,028.34	
			For Embossed Panel, Add	188.88	
			For Galvanized Steel, Add	118.05	
			For Baked Enamel Finish, Add	298.80	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-47.19	
			For >100, Deduct	-69.48	
			For 2" Thick Door, Add	59.67	
			For Insulated Door (Polystyrene Core), Add	78.70	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	196.75	
08 13 13	13-0142	PR	Pair 2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	903.26	52.25
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	239.63	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	319.50	
			For Composite Door Instead Of Full Panel Door, Add	35.94	
			For Type 304 Stainless Steel Door, Add	644.23	
			For Type 316 Stainless Steel Door, Add	1,043.61	
			For Embossed Panel, Add	191.70	
			For Galvanized Steel, Add	119.81	
			For Baked Enamel Finish, Add	302.33	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-47.78	
			For >100, Deduct	-70.36	
			For 2" Thick Door, Add	60.52	
			For Insulated Door (Polystyrene Core), Add	79.88	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	199.69	
08 13 13	13-0143	PR	Pair 2'-10" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	896.72	46.63
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	241.04	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	321.38	
			For Composite Door Instead Of Full Panel Door, Add	36.16	
			For Type 304 Stainless Steel Door, Add	647.42	
			For Type 316 Stainless Steel Door, Add	1,049.15	
			For Embossed Panel, Add	192.83	
			For Galvanized Steel, Add	120.52	
			For Baked Enamel Finish, Add	297.00	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-47.17	
			For >100, Deduct	-69.59	
			For 2" Thick Door, Add	60.58	
			For Insulated Door (Polystyrene Core), Add	80.35	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	200.86	
			For Seamless Edge (Welded), Add	100.43	
			For Steel Stiffened, Add	200.86	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0144 PR Pair 3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	917.19	54.53
For 16 Gauge, Grade III, Extra Heavy Duty, Add	242.45	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	323.26	
For Composite Door Instead Of Full Panel Door, Add	36.37	
For Type 304 Stainless Steel Door, Add	651.97	
For Type 316 Stainless Steel Door, Add	1,056.05	
For Embossed Panel, Add	193.96	
For Galvanized Steel, Add	121.22	
For Baked Enamel Finish, Add	307.87	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-48.59	
For >100, Deduct	-71.52	
For 2" Thick Door, Add	61.32	
For Insulated Door (Polystyrene Core), Add	80.82	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	202.04	
08 13 13 13-0145 PR Pair 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,006.32	56.79
For 16 Gauge, Grade III, Extra Heavy Duty, Add	267.82	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	357.09	
For Composite Door Instead Of Full Panel Door, Add	40.17	
For Type 304 Stainless Steel Door, Add	719.86	
For Type 316 Stainless Steel Door, Add	1,166.23	
For Embossed Panel, Add	214.26	
For Galvanized Steel, Add	133.91	
For Baked Enamel Finish, Add	335.97	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-53.16	
For >100, Deduct	-78.31	
For 2" Thick Door, Add	67.56	
For Insulated Door (Polystyrene Core), Add	89.27	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	223.18	
08 13 13 13-0146 PR Pair 4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,109.38	61.34
For 16 Gauge, Grade III, Extra Heavy Duty, Add	296.01	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	394.68	
For Composite Door Instead Of Full Panel Door, Add	44.40	
For Type 304 Stainless Steel Door, Add	795.49	
For Type 316 Stainless Steel Door, Add	1,288.84	
For Embossed Panel, Add	236.81	
For Galvanized Steel, Add	148.01	
For Baked Enamel Finish, Add	369.62	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-58.54	
For >100, Deduct	-86.27	
For 2" Thick Door, Add	74.60	
For Insulated Door (Polystyrene Core), Add	98.67	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	246.68	
<b>08 13 13 13-0147 7'-2" High <small>(08 13 13 13-0144)</small></b>		
08 13 13 13-0148 EA 2' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	447.18	26.30
For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.37	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	157.82	
For Composite Door Instead Of Full Panel Door, Add	17.76	
For Type 304 Stainless Steel Door, Add	318.28	
For Type 316 Stainless Steel Door, Add	515.56	
For Embossed Panel, Add	94.69	
For Galvanized Steel, Add	59.18	
For Baked Enamel Finish, Add	149.94	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-23.67	
For >100, Deduct	-34.85	
For 2" Thick Door, Add	29.92	
For Insulated Door (Polystyrene Core), Add	39.46	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.64	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 13</b>	<b>Metal Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0149	EA	2'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	447.18	26.30
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.37	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	157.82	
			For Composite Door Instead Of Full Panel Door, Add	17.76	
			For Type 304 Stainless Steel Door, Add	318.28	
			For Type 316 Stainless Steel Door, Add	515.56	
			For Embossed Panel, Add	94.69	
			For Galvanized Steel, Add	59.18	
			For Baked Enamel Finish, Add	149.94	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-23.67	
			For >100, Deduct	-34.85	
			For 2" Thick Door, Add	29.92	
			For Insulated Door (Polystyrene Core), Add	39.46	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.64	
08 13 13	13-0150	EA	2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	457.63	27.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	120.79	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	161.05	
			For Composite Door Instead Of Full Panel Door, Add	18.12	
			For Type 304 Stainless Steel Door, Add	324.85	
			For Type 316 Stainless Steel Door, Add	526.17	
			For Embossed Panel, Add	96.63	
			For Galvanized Steel, Add	60.39	
			For Baked Enamel Finish, Add	153.79	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.26	
			For >100, Deduct	-35.70	
			For 2" Thick Door, Add	30.57	
			For Insulated Door (Polystyrene Core), Add	40.26	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	100.66	
08 13 13	13-0151	EA	2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	463.64	27.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	122.59	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	163.46	
			For Composite Door Instead Of Full Panel Door, Add	18.39	
			For Type 304 Stainless Steel Door, Add	329.66	
			For Type 316 Stainless Steel Door, Add	533.98	
			For Embossed Panel, Add	98.07	
			For Galvanized Steel, Add	61.30	
			For Baked Enamel Finish, Add	155.59	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.56	
			For >100, Deduct	-36.15	
			For 2" Thick Door, Add	31.00	
			For Insulated Door (Polystyrene Core), Add	40.86	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	102.16	
08 13 13	13-0152	EA	2'-10" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	467.24	28.10
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	123.31	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	164.42	
			For Composite Door Instead Of Full Panel Door, Add	18.50	
			For Type 304 Stainless Steel Door, Add	331.64	
			For Type 316 Stainless Steel Door, Add	537.16	
			For Embossed Panel, Add	98.65	
			For Galvanized Steel, Add	61.66	
			For Baked Enamel Finish, Add	157.03	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.77	
			For >100, Deduct	-36.45	
			For 2" Thick Door, Add	31.21	
			For Insulated Door (Polystyrene Core), Add	41.10	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	102.76	
			For Seamless Edge (Welded), Add	51.38	
			For Steel Stiffened, Add	102.76	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0153 EA 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	470.83	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	124.03	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	165.38	
For Composite Door Instead Of Full Panel Door, Add	18.60	
For Type 304 Stainless Steel Door, Add	333.62	
For Type 316 Stainless Steel Door, Add	540.34	
For Embossed Panel, Add	99.23	
For Galvanized Steel, Add	62.02	
For Baked Enamel Finish, Add	158.47	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.98	
For >100, Deduct	-36.75	
For 2" Thick Door, Add	31.41	
For Insulated Door (Polystyrene Core), Add	41.34	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	103.36	
08 13 13 13-0154 EA 3'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	502.08	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	133.41	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	177.88	
For Composite Door Instead Of Full Panel Door, Add	20.01	
For Type 304 Stainless Steel Door, Add	358.62	
For Type 316 Stainless Steel Door, Add	580.97	
For Embossed Panel, Add	106.73	
For Galvanized Steel, Add	66.70	
For Baked Enamel Finish, Add	167.84	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-26.54	
For >100, Deduct	-39.09	
For 2" Thick Door, Add	33.67	
For Insulated Door (Polystyrene Core), Add	44.47	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	111.17	
08 13 13 13-0155 EA 3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated) .....	516.50	29.89
For 16 Gauge, Grade III, Extra Heavy Duty, Add	137.01	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	182.68	
For Composite Door Instead Of Full Panel Door, Add	20.55	
For Type 304 Stainless Steel Door, Add	368.36	
For Type 316 Stainless Steel Door, Add	596.71	
For Embossed Panel, Add	109.61	
For Galvanized Steel, Add	68.51	
For Baked Enamel Finish, Add	172.89	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-27.32	
For >100, Deduct	-40.23	
For 2" Thick Door, Add	34.61	
For Insulated Door (Polystyrene Core), Add	45.67	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	114.18	
08 13 13 13-0156 EA 4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	569.36	32.28
For 16 Gauge, Grade III, Extra Heavy Duty, Add	151.44	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	201.92	
For Composite Door Instead Of Full Panel Door, Add	22.72	
For Type 304 Stainless Steel Door, Add	407.06	
For Type 316 Stainless Steel Door, Add	659.46	
For Embossed Panel, Add	121.15	
For Galvanized Steel, Add	75.72	
For Baked Enamel Finish, Add	190.18	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-30.08	
For >100, Deduct	-44.32	
For 2" Thick Door, Add	38.21	
For Insulated Door (Polystyrene Core), Add	50.48	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	126.20	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors And Frames</b>
	<b>08 13</b>	<b>Metal Doors</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0157 PR Pair 2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	909.76	52.25
For 16 Gauge, Grade III, Extra Heavy Duty, Add	241.58	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	322.10	
For Composite Door Instead Of Full Panel Door, Add	36.24	
For Type 304 Stainless Steel Door, Add	649.43	
For Type 316 Stainless Steel Door, Add	1,052.06	
For Embossed Panel, Add	193.26	
For Galvanized Steel, Add	120.79	
For Baked Enamel Finish, Add	304.28	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-48.10	
For >100, Deduct	-70.84	
For 2" Thick Door, Add	60.99	
For Insulated Door (Polystyrene Core), Add	80.53	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	201.32	
08 13 13 13-0158 PR Pair 2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	921.77	52.25
For 16 Gauge, Grade III, Extra Heavy Duty, Add	245.18	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	326.91	
For Composite Door Instead Of Full Panel Door, Add	36.78	
For Type 304 Stainless Steel Door, Add	659.04	
For Type 316 Stainless Steel Door, Add	1,067.68	
For Embossed Panel, Add	196.14	
For Galvanized Steel, Add	122.59	
For Baked Enamel Finish, Add	307.88	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-48.70	
For >100, Deduct	-71.75	
For 2" Thick Door, Add	61.86	
For Insulated Door (Polystyrene Core), Add	81.73	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	204.32	
08 13 13 13-0159 PR Pair 2'-10" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	915.35	46.63
For 16 Gauge, Grade III, Extra Heavy Duty, Add	246.62	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	328.83	
For Composite Door Instead Of Full Panel Door, Add	36.99	
For Type 304 Stainless Steel Door, Add	662.33	
For Type 316 Stainless Steel Door, Add	1,073.37	
For Embossed Panel, Add	197.30	
For Galvanized Steel, Add	123.31	
For Baked Enamel Finish, Add	302.59	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-48.10	
For >100, Deduct	-70.98	
For 2" Thick Door, Add	61.93	
For Insulated Door (Polystyrene Core), Add	82.21	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	205.52	
For Seamless Edge (Welded), Add	102.76	
For Steel Stiffened, Add	205.52	
08 13 13 13-0160 PR Pair 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	935.93	54.53
For 16 Gauge, Grade III, Extra Heavy Duty, Add	248.07	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	330.76	
For Composite Door Instead Of Full Panel Door, Add	37.21	
For Type 304 Stainless Steel Door, Add	666.96	
For Type 316 Stainless Steel Door, Add	1,080.41	
For Embossed Panel, Add	198.45	
For Galvanized Steel, Add	124.03	
For Baked Enamel Finish, Add	313.49	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-49.52	
For >100, Deduct	-72.92	
For 2" Thick Door, Add	62.68	
For Insulated Door (Polystyrene Core), Add	82.69	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	206.72	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0161 PR Pair 3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,027.01	56.79
For 16 Gauge, Grade III, Extra Heavy Duty, Add	274.03	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	365.37	
For Composite Door Instead Of Full Panel Door, Add	41.10	
For Type 304 Stainless Steel Door, Add	736.42	
For Type 316 Stainless Steel Door, Add	1,193.13	
For Embossed Panel, Add	219.22	
For Galvanized Steel, Add	137.01	
For Baked Enamel Finish, Add	342.18	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-54.19	
For >100, Deduct	-79.87	
For 2" Thick Door, Add	69.06	
For Insulated Door (Polystyrene Core), Add	91.34	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	228.36	
08 13 13 13-0162 PR Pair 4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,132.25	61.34
For 16 Gauge, Grade III, Extra Heavy Duty, Add	302.87	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	403.83	
For Composite Door Instead Of Full Panel Door, Add	45.43	
For Type 304 Stainless Steel Door, Add	813.79	
For Type 316 Stainless Steel Door, Add	1,318.58	
For Embossed Panel, Add	242.30	
For Galvanized Steel, Add	151.44	
For Baked Enamel Finish, Add	376.48	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-59.68	
For >100, Deduct	-87.99	
For 2" Thick Door, Add	76.26	
For Insulated Door (Polystyrene Core), Add	100.96	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	252.39	
<b>08 13 13 13-0163 8' High</b> <small>(08 13 13 13-0114)</small>		
08 13 13 13-0164 EA 2' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	520.92	26.30
For 16 Gauge, Grade III, Extra Heavy Duty, Add	140.49	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	187.32	
For Up To 1' Extra Height, Add	129.58	
For Composite Door Instead Of Full Panel Door, Add	21.07	
For Type 304 Stainless Steel Door, Add	377.27	
For Type 316 Stainless Steel Door, Add	611.42	
For Embossed Panel, Add	112.39	
For Galvanized Steel, Add	70.25	
For Baked Enamel Finish, Add	172.06	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-27.36	
For >100, Deduct	-40.38	
For 2" Thick Door, Add	35.27	
For Insulated Door (Polystyrene Core), Add	46.83	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	117.08	
08 13 13 13-0165 EA 2'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	520.92	26.30
For 16 Gauge, Grade III, Extra Heavy Duty, Add	140.49	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	187.32	
For Up To 1' Extra Height, Add	129.58	
For Composite Door Instead Of Full Panel Door, Add	21.07	
For Type 304 Stainless Steel Door, Add	377.27	
For Type 316 Stainless Steel Door, Add	611.42	
For Embossed Panel, Add	112.39	
For Galvanized Steel, Add	70.25	
For Baked Enamel Finish, Add	172.06	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-27.36	
For >100, Deduct	-40.38	
For 2" Thick Door, Add	35.27	
For Insulated Door (Polystyrene Core), Add	46.83	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	117.08	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13-0166	EA 2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	532.88	27.50
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	143.36	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	191.15	
	For Up To 1' Extra Height, Add	132.23	
	For Composite Door Instead Of Full Panel Door, Add	21.50	
	For Type 304 Stainless Steel Door, Add	385.05	
	For Type 316 Stainless Steel Door, Add	623.99	
	For Embossed Panel, Add	114.69	
	For Galvanized Steel, Add	71.68	
	For Baked Enamel Finish, Add	176.36	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-28.02	
	For >100, Deduct	-41.34	
	For 2" Thick Door, Add	36.02	
	For Insulated Door (Polystyrene Core), Add	47.79	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	119.47	
08 13 13-0167	EA 2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	540.01	27.50
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	145.50	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	194.00	
	For Up To 1' Extra Height, Add	134.20	
	For Composite Door Instead Of Full Panel Door, Add	21.83	
	For Type 304 Stainless Steel Door, Add	390.76	
	For Type 316 Stainless Steel Door, Add	633.26	
	For Embossed Panel, Add	116.40	
	For Galvanized Steel, Add	72.75	
	For Baked Enamel Finish, Add	178.50	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-28.38	
	For >100, Deduct	-41.88	
	For 2" Thick Door, Add	36.54	
	For Insulated Door (Polystyrene Core), Add	48.50	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	121.25	
08 13 13-0168	EA 2'-10" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	544.06	28.10
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	146.36	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	195.14	
	For Up To 1' Extra Height, Add	134.99	
	For Composite Door Instead Of Full Panel Door, Add	21.95	
	For Type 304 Stainless Steel Door, Add	393.10	
	For Type 316 Stainless Steel Door, Add	637.03	
	For Embossed Panel, Add	117.09	
	For Galvanized Steel, Add	73.18	
	For Baked Enamel Finish, Add	180.08	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-28.61	
	For >100, Deduct	-42.21	
	For 2" Thick Door, Add	36.77	
	For Insulated Door (Polystyrene Core), Add	48.79	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	121.97	
	For Seamless Edge (Welded), Add	60.98	
	For Steel Stiffened, Add	121.97	
08 13 13-0169	EA 3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	548.10	28.70
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	147.21	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	196.28	
	For Up To 1' Extra Height, Add	135.78	
	For Composite Door Instead Of Full Panel Door, Add	22.08	
	For Type 304 Stainless Steel Door, Add	395.44	
	For Type 316 Stainless Steel Door, Add	640.79	
	For Embossed Panel, Add	117.77	
	For Galvanized Steel, Add	73.61	
	For Baked Enamel Finish, Add	181.65	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-28.84	
	For >100, Deduct	-42.54	
	For 2" Thick Door, Add	37.01	
	For Insulated Door (Polystyrene Core), Add	49.07	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	122.68	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors And Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0170 EA 3'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	585.19	28.70
For 16 Gauge, Grade III, Extra Heavy Duty, Add	158.34	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	211.12	
For Up To 1' Extra Height, Add	146.04	
For Composite Door Instead Of Full Panel Door, Add	23.75	
For Type 304 Stainless Steel Door, Add	425.11	
For Type 316 Stainless Steel Door, Add	689.01	
For Embossed Panel, Add	126.67	
For Galvanized Steel, Add	79.17	
For Baked Enamel Finish, Add	192.77	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-30.69	
For >100, Deduct	-45.32	
For 2" Thick Door, Add	39.70	
For Insulated Door (Polystyrene Core), Add	52.78	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.95	
08 13 13 13-0171 EA 3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	601.86	29.89
For 16 Gauge, Grade III, Extra Heavy Duty, Add	162.62	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	216.83	
For Up To 1' Extra Height, Add	149.99	
For 1' To 1'-6" Extra Height, Add	286.16	
For Composite Door Instead Of Full Panel Door, Add	24.39	
For Type 304 Stainless Steel Door, Add	436.65	
For Type 316 Stainless Steel Door, Add	707.68	
For Embossed Panel, Add	130.10	
For Galvanized Steel, Add	81.31	
For Baked Enamel Finish, Add	198.50	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-31.59	
For >100, Deduct	-46.63	
For 2" Thick Door, Add	40.79	
For Insulated Door (Polystyrene Core), Add	54.21	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	135.52	
08 13 13 13-0172 EA 4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	663.70	32.28
For 16 Gauge, Grade III, Extra Heavy Duty, Add	179.74	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	239.65	
For Up To 1' Extra Height, Add	165.78	
For 1' To 1'-6" Extra Height, Add	316.28	
For Composite Door Instead Of Full Panel Door, Add	26.96	
For Type 304 Stainless Steel Door, Add	482.53	
For Type 316 Stainless Steel Door, Add	782.10	
For Embossed Panel, Add	143.79	
For Galvanized Steel, Add	89.87	
For Baked Enamel Finish, Add	218.48	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-34.80	
For >100, Deduct	-51.39	
For 2" Thick Door, Add	45.05	
For Insulated Door (Polystyrene Core), Add	59.91	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.78	
08 13 13 13-0173 PR Pair 2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,060.25	52.25
For 16 Gauge, Grade III, Extra Heavy Duty, Add	286.73	
For 14 Gauge, Grade III, Extra Heavy Duty, Add	382.30	
For Up To 1' Extra Height, Add	264.46	
For Composite Door Instead Of Full Panel Door, Add	43.01	
For Type 304 Stainless Steel Door, Add	769.83	
For Type 316 Stainless Steel Door, Add	1,247.70	
For Embossed Panel, Add	229.38	
For Galvanized Steel, Add	143.36	
For Baked Enamel Finish, Add	349.43	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-55.63	
For >100, Deduct	-82.13	
For 2" Thick Door, Add	71.90	
For Insulated Door (Polystyrene Core), Add	95.58	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	238.94	

**08 Openings****08 10 Doors And Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0174	PR	Pair 2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,074.52	52.25
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	291.01	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	388.01	
			For Up To 1' Extra Height, Add	268.40	
			For Composite Door Instead Of Full Panel Door, Add	43.65	
			For Type 304 Stainless Steel Door, Add	781.24	
			For Type 316 Stainless Steel Door, Add	1,266.25	
			For Embossed Panel, Add	232.80	
			For Galvanized Steel, Add	145.50	
			For Baked Enamel Finish, Add	353.71	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-56.34	
			For >100, Deduct	-83.20	
			For 2" Thick Door, Add	72.94	
			For Insulated Door (Polystyrene Core), Add	97.00	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	242.51	
08 13 13	13-0175	PR	Pair 2'-10" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,068.99	46.63
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	292.72	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	390.29	
			For Up To 1' Extra Height, Add	269.98	
			For Composite Door Instead Of Full Panel Door, Add	43.91	
			For Type 304 Stainless Steel Door, Add	785.24	
			For Type 316 Stainless Steel Door, Add	1,273.10	
			For Embossed Panel, Add	234.17	
			For Galvanized Steel, Add	146.36	
			For Baked Enamel Finish, Add	348.68	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-55.78	
			For >100, Deduct	-82.51	
			For 2" Thick Door, Add	73.07	
			For Insulated Door (Polystyrene Core), Add	97.57	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	243.93	
			For Seamless Edge (Welded), Add	121.97	
			For Steel Stiffened, Add	243.93	
08 13 13	13-0176	PR	Pair 3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,090.47	54.53
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	294.43	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	392.57	
			For Up To 1' Extra Height, Add	271.56	
			For 1' To 1'-6" Extra Height, Add	518.10	
			For Composite Door Instead Of Full Panel Door, Add	44.16	
			For Type 304 Stainless Steel Door, Add	790.60	
			For Type 316 Stainless Steel Door, Add	1,281.31	
			For Embossed Panel, Add	235.54	
			For Galvanized Steel, Add	147.21	
			For Baked Enamel Finish, Add	359.85	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-57.25	
			For >100, Deduct	-84.51	
			For 2" Thick Door, Add	73.88	
			For Insulated Door (Polystyrene Core), Add	98.14	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	245.36	
08 13 13	13-0177	PR	Pair 3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,197.73	56.79
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	325.24	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	433.66	
			For Up To 1' Extra Height, Add	299.98	
			For 1' To 1'-6" Extra Height, Add	572.32	
			For Composite Door Instead Of Full Panel Door, Add	48.79	
			For Type 304 Stainless Steel Door, Add	872.99	
			For Type 316 Stainless Steel Door, Add	1,415.06	
			For Embossed Panel, Add	260.19	
			For Galvanized Steel, Add	162.62	
			For Baked Enamel Finish, Add	393.40	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-62.73	
			For >100, Deduct	-92.67	
			For 2" Thick Door, Add	81.44	
			For Insulated Door (Polystyrene Core), Add	108.41	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	271.04	
08 13 13	13-0178	PR	Pair 4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated) .....	1,320.94	61.34
			For 1' To 1'-6" Extra Height, Add	632.56	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Metal Doors	08 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**08 13 73 Sliding Metal Doors** (08 13)

**08 13 73 00-0001 Sliding Bypass Mirror Doors** (08 13 73)

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors .....	230.61	35.87
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors .....	263.02	38.27
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors .....	295.43	40.65
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors .....	355.48	43.05

**08 14 Wood Doors** (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

**08 14 16 Flush Wood Doors** (08 14)

**08 14 16 00-0001 Hollow Core Doors, 1-3/8" Thick** (08 14 16)

**08 14 16 00-0002 Birch Faced** (08 14 16 00-0001)

08 14 16 00-0003	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	124.00	26.30
		For Each 1' Of Additional Door Height, Add	17.13	
		For >50 To 100, Deduct	-7.52	
		For >100, Deduct	-10.62	
08 14 16 00-0004	EA	2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	131.44	27.50
		For Each 1' Of Additional Door Height, Add	18.35	
		For >50 To 100, Deduct	-7.95	
		For >100, Deduct	-11.23	
08 14 16 00-0005	EA	2'-8" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	135.16	27.50
		For Each 1' Of Additional Door Height, Add	19.24	
		For >50 To 100, Deduct	-8.13	
		For >100, Deduct	-11.51	
08 14 16 00-0006	EA	3' x 7' x 1-3/8" Hollow Core, Birch Faced Door .....	138.86	28.70
		For Each 1' Of Additional Door Height, Add	19.55	
		For >50 To 100, Deduct	-8.38	
		For >100, Deduct	-11.85	
08 14 16 00-0007	EA	3'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	146.81	28.70
		For Each 1' Of Additional Door Height, Add	21.46	
		For >50 To 100, Deduct	-8.78	
		For >100, Deduct	-12.45	
08 14 16 00-0008	EA	3'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	154.94	29.89
		For Each 1' Of Additional Door Height, Add	22.84	
		For >50 To 100, Deduct	-9.24	
		For >100, Deduct	-13.12	
08 14 16 00-0009	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	242.73	49.98
		For Each 1' Of Additional Door Height, Add	34.26	
		For >50 To 100, Deduct	-14.64	
		For >100, Deduct	-20.70	
08 14 16 00-0010	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door .....	257.39	52.25
		For Each 1' Of Additional Door Height, Add	36.69	
		For >50 To 100, Deduct	-15.48	
		For >100, Deduct	-21.92	
08 14 16 00-0011	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	271.97	54.53
		For Each 1' Of Additional Door Height, Add	39.10	
		For >50 To 100, Deduct	-16.32	
		For >100, Deduct	-23.12	

**08 14 16 00-0012 Lauan Faced** (08 14 16 00-0001)

08 14 16 00-0013	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	105.99	26.30
		For Each 1' Of Additional Door Height, Add	12.81	
		For >50 To 100, Deduct	-6.62	
		For >100, Deduct	-9.26	
08 14 16 00-0014	EA	2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	111.99	27.50
		For Each 1' Of Additional Door Height, Add	13.68	
		For >50 To 100, Deduct	-6.97	
		For >100, Deduct	-9.77	
08 14 16 00-0015	EA	2'-8" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	115.04	27.50
		For Each 1' Of Additional Door Height, Add	14.41	
		For >50 To 100, Deduct	-7.13	
		For >100, Deduct	-10.00	
08 14 16 00-0016	EA	3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door .....	119.59	28.70
		For Each 1' Of Additional Door Height, Add	14.93	
		For >50 To 100, Deduct	-7.41	
		For >100, Deduct	-10.40	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	125.54	28.70
		For Each 1' Of Additional Door Height, Add	16.36	
		For >50 To 100, Deduct	-7.71	
		For >100, Deduct	-10.85	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	132.30	29.89
		For Each 1' Of Additional Door Height, Add	17.40	
		For >50 To 100, Deduct	-8.11	
		For >100, Deduct	-11.42	

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0019	PR		Pair 2' x 7' x 1-3/8" Hollow Core, Lauan Faced Door .....	206.71	49.98
			<i>For Each 1' Of Additional Door Height, Add</i>	25.62	
			<i>For &gt;50 To 100, Deduct</i>	-12.83	
			<i>For &gt;100, Deduct</i>	-18.00	
08 14 16 00-0020	PR		Pair 2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door .....	218.49	52.25
			<i>For Each 1' Of Additional Door Height, Add</i>	27.36	
			<i>For &gt;50 To 100, Deduct</i>	-13.54	
			<i>For &gt;100, Deduct</i>	-19.00	
08 14 16 00-0021	PR		Pair 3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door .....	233.45	54.53
			<i>For Each 1' Of Additional Door Height, Add</i>	29.86	
			<i>For &gt;50 To 100, Deduct</i>	-14.40	
			<i>For &gt;100, Deduct</i>	-20.23	
<b>08 14 16 00-0022</b>			<b>Tempered Hardboard Faced</b> <small>(08 14 16 00-0001)</small>		
08 14 16 00-0023	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	107.44	26.30
			<i>For Each 1' Of Additional Door Height, Add</i>	13.16	
			<i>For &gt;50 To 100, Deduct</i>	-6.69	
			<i>For &gt;100, Deduct</i>	-9.37	
08 14 16 00-0024	EA		2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	113.81	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	14.11	
			<i>For &gt;50 To 100, Deduct</i>	-7.07	
			<i>For &gt;100, Deduct</i>	-9.91	
08 14 16 00-0025	EA		2'-8" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	115.71	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	14.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.16	
			<i>For &gt;100, Deduct</i>	-10.05	
08 14 16 00-0026	EA		3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	121.90	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	15.48	
			<i>For &gt;50 To 100, Deduct</i>	-7.53	
			<i>For &gt;100, Deduct</i>	-10.58	
08 14 16 00-0027	EA		3'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	128.99	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	17.18	
			<i>For &gt;50 To 100, Deduct</i>	-7.88	
			<i>For &gt;100, Deduct</i>	-11.11	
08 14 16 00-0028	EA		3'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	135.97	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	18.28	
			<i>For &gt;50 To 100, Deduct</i>	-8.29	
			<i>For &gt;100, Deduct</i>	-11.69	
08 14 16 00-0029	PR		Pair 2' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	209.60	49.98
			<i>For Each 1' Of Additional Door Height, Add</i>	26.31	
			<i>For &gt;50 To 100, Deduct</i>	-12.98	
			<i>For &gt;100, Deduct</i>	-18.22	
08 14 16 00-0030	PR		Pair 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	222.13	52.25
			<i>For Each 1' Of Additional Door Height, Add</i>	28.23	
			<i>For &gt;50 To 100, Deduct</i>	-13.72	
			<i>For &gt;100, Deduct</i>	-19.27	
08 14 16 00-0031	PR		Pair 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door .....	238.05	54.53
			<i>For Each 1' Of Additional Door Height, Add</i>	30.96	
			<i>For &gt;50 To 100, Deduct</i>	-14.63	
			<i>For &gt;100, Deduct</i>	-20.58	
<b>08 14 16 00-0032</b>			<b>Solid Core Doors, 1-3/8" Thick, 5 Ply</b> <small>(08 14 16)</small>		
<b>08 14 16 00-0033</b>			<b>Birch Faced</b> <small>(08 14 16 00-0032)</small>		
08 14 16 00-0034	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	143.51	26.30
			<i>For 7 Ply Core, Add</i>	13.63	
			<i>For Solid Wood Staved Core (Glued Block), Add</i>	22.72	
			<i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i>		
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	21.81	
			<i>For &gt;50 To 100, Deduct</i>	-8.49	
			<i>For &gt;100, Deduct</i>	-12.08	
08 14 16 00-0035	EA		2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	150.67	27.50
			<i>For 7 Ply Core, Add</i>	14.35	
			<i>For Solid Wood Staved Core (Glued Block), Add</i>	23.92	
			<i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i>		
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	22.96	
			<i>For &gt;50 To 100, Deduct</i>	-8.91	
			<i>For &gt;100, Deduct</i>	-12.68	
08 14 16 00-0036	EA		2'-8" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	155.44	27.50
			<i>For 7 Ply Core, Add</i>	15.07	
			<i>For Solid Wood Staved Core (Glued Block), Add</i>	25.11	
			<i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i>		
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	24.11	
			<i>For &gt;50 To 100, Deduct</i>	-9.15	
			<i>For &gt;100, Deduct</i>	-13.03	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0037	EA		3' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	163.65	28.70
			For 7 Ply Core, Add	15.94	
			For Solid Wood Staved Core (Glued Block), Add	26.57	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	25.50	
			For >50 To 100, Deduct	-9.62	
			For >100, Deduct	-13.71	
08 14 16 00-0038	EA		3'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	175.31	28.70
			For 7 Ply Core, Add	17.69	
			For Solid Wood Staved Core (Glued Block), Add	29.48	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	28.30	
			For >50 To 100, Deduct	-10.20	
			For >100, Deduct	-14.58	
08 14 16 00-0039	EA		3'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	185.25	29.89
			For 7 Ply Core, Add	18.82	
			For Solid Wood Staved Core (Glued Block), Add	31.37	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	30.11	
			For >50 To 100, Deduct	-10.76	
			For >100, Deduct	-15.39	
08 14 16 00-0040	PR		Pair 2' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	281.73	49.98
			For 7 Ply Core, Add	27.27	
			For Solid Wood Staved Core (Glued Block), Add	45.44	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	43.62	
			For >50 To 100, Deduct	-16.59	
			For >100, Deduct	-23.63	
08 14 16 00-0041	PR		Pair 2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door .....	295.83	52.25
			For 7 Ply Core, Add	28.70	
			For Solid Wood Staved Core (Glued Block), Add	47.83	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	45.92	
			For >50 To 100, Deduct	-17.40	
			For >100, Deduct	-24.80	
08 14 16 00-0042	PR		Pair 3' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	321.56	54.53
			For 7 Ply Core, Add	31.88	
			For Solid Wood Staved Core (Glued Block), Add	53.13	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	51.00	
			For >50 To 100, Deduct	-18.80	
			For >100, Deduct	-26.84	
<b>08 14 16 00-0043</b>			<b>Lauan Faced</b> (08 14 16 00-0032)		
08 14 16 00-0044	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	120.31	26.30
			For 7 Ply Core, Add	10.15	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	16.25	
			For >50 To 100, Deduct	-7.33	
			For >100, Deduct	-10.34	
08 14 16 00-0045	EA		2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	126.40	27.50
			For 7 Ply Core, Add	10.71	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	17.14	
			For >50 To 100, Deduct	-7.70	
			For >100, Deduct	-10.86	
08 14 16 00-0046	EA		2'-8" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	130.13	27.50
			For 7 Ply Core, Add	11.27	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	18.03	
			For >50 To 100, Deduct	-7.88	
			For >100, Deduct	-11.13	
08 14 16 00-0047	EA		3' x 7' x 1-3/8" Solid Core, Lauan Faced Door .....	136.27	28.70
			For 7 Ply Core, Add	11.83	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	18.93	
			For >50 To 100, Deduct	-8.25	
			For >100, Deduct	-11.66	
08 14 16 00-0048	EA		3'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	144.95	28.70
			For 7 Ply Core, Add	13.13	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	21.01	
			For >50 To 100, Deduct	-8.68	
			For >100, Deduct	-12.31	
08 14 16 00-0049	EA		3'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	154.20	29.89
			For 7 Ply Core, Add	14.16	
			For Machining for Mortise Lock, Add	35.00	
			For Each 1' Of Additional Door Height, Add	22.66	
			For >50 To 100, Deduct	-9.20	
			For >100, Deduct	-13.06	

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0050	PR		Pair 2' x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	235.34	49.98
			<i>For 7 Ply Core, Add</i>	20.31	
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	32.49	
			<i>For &gt;50 To 100, Deduct</i>	-14.27	
			<i>For &gt;100, Deduct</i>	-20.15	
08 14 16 00-0051	PR		Pair 2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door .....	247.30	52.25
			<i>For 7 Ply Core, Add</i>	21.42	
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	34.27	
			<i>For &gt;50 To 100, Deduct</i>	-14.98	
			<i>For &gt;100, Deduct</i>	-21.16	
08 14 16 00-0052	PR		Pair 3' x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	266.81	54.53
			<i>For 7 Ply Core, Add</i>	23.67	
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	37.86	
			<i>For &gt;50 To 100, Deduct</i>	-16.07	
			<i>For &gt;100, Deduct</i>	-22.74	
<b>08 14 16 00-0053</b>			<b>Tempered Hardboard Faced</b> <small>(08 14 16 00-0032)</small>		
08 14 16 00-0054	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	129.06	26.30
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	18.35	
			<i>For &gt;50 To 100, Deduct</i>	-7.77	
			<i>For &gt;100, Deduct</i>	-11.00	
08 14 16 00-0055	EA		2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	135.88	27.50
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	19.41	
			<i>For &gt;50 To 100, Deduct</i>	-8.17	
			<i>For &gt;100, Deduct</i>	-11.57	
08 14 16 00-0056	EA		2'-8" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	140.31	27.50
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	20.47	
			<i>For &gt;50 To 100, Deduct</i>	-8.39	
			<i>For &gt;100, Deduct</i>	-11.90	
08 14 16 00-0057	EA		3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door .....	144.34	28.70
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	20.87	
			<i>For &gt;50 To 100, Deduct</i>	-8.65	
			<i>For &gt;100, Deduct</i>	-12.26	
08 14 16 00-0058	EA		3'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	153.93	28.70
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	23.17	
			<i>For &gt;50 To 100, Deduct</i>	-9.13	
			<i>For &gt;100, Deduct</i>	-12.98	
08 14 16 00-0059	EA		3'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	173.82	29.89
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	27.37	
			<i>For &gt;50 To 100, Deduct</i>	-10.19	
			<i>For &gt;100, Deduct</i>	-14.53	
08 14 16 00-0060	PR		Pair 2' x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	252.84	49.98
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	36.69	
			<i>For &gt;50 To 100, Deduct</i>	-15.14	
			<i>For &gt;100, Deduct</i>	-21.46	
08 14 16 00-0061	PR		Pair 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	266.24	52.25
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	38.82	
			<i>For &gt;50 To 100, Deduct</i>	-15.92	
			<i>For &gt;100, Deduct</i>	-22.58	
08 14 16 00-0062	PR		Pair 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	282.94	54.53
			<i>For Machining for Mortise Lock, Add</i>	35.00	
			<i>For Each 1' Of Additional Door Height, Add</i>	41.74	
			<i>For &gt;50 To 100, Deduct</i>	-16.87	
			<i>For &gt;100, Deduct</i>	-23.95	
<b>08 14 16 00-0063</b>			<b>Hollow Core Doors, 1-3/4" Thick</b> <small>(08 14 16)</small>		
<b>08 14 16 00-0064</b>			<b>Birch Faced</b> <small>(08 14 16 00-0063)</small>		
08 14 16 00-0065	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	141.84	26.30
			<i>For Each 1' Of Additional Door Height, Add</i>	21.41	
			<i>For &gt;50 To 100, Deduct</i>	-8.41	
			<i>For &gt;100, Deduct</i>	-11.95	
08 14 16 00-0066	EA		2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	147.58	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	22.22	
			<i>For &gt;50 To 100, Deduct</i>	-8.75	
			<i>For &gt;100, Deduct</i>	-12.44	
08 14 16 00-0067	EA		2'-8" x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	148.84	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	22.52	
			<i>For &gt;50 To 100, Deduct</i>	-8.82	
			<i>For &gt;100, Deduct</i>	-12.54	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0068	EA		3' x 7' x 1-3/4" Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	156.71 23.84 -9.27 -13.19	28.70
08 14 16 00-0069	EA		3'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	171.28 27.33 -10.00 -14.28	28.70
08 14 16 00-0070	EA		3'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	203.24 34.43 -11.66 -16.74	29.89
08 14 16 00-0071	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	278.41 42.83 -16.42 -23.38	49.98
08 14 16 00-0072	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	289.68 44.44 -17.10 -24.34	52.25
08 14 16 00-0073	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	307.68 47.67 -18.11 -25.80	54.53
<b>08 14 16 00-0074</b>			<b>Lauan Faced</b> <small>(08 14 16 00-0063)</small>		
08 14 16 00-0075	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	120.42 16.27 -7.34 -10.35	26.30
08 14 16 00-0076	EA		2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	127.47 17.39 -7.75 -10.94	27.50
08 14 16 00-0077	EA		2'-8" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	131.27 18.30 -7.94 -11.22	27.50
08 14 16 00-0078	EA		3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	135.15 18.66 -8.19 -11.57	28.70
08 14 16 00-0079	EA		3'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	143.71 20.72 -8.62 -12.21	28.70
08 14 16 00-0080	EA		3'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	157.12 23.36 -9.35 -13.28	29.89
08 14 16 00-0081	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	235.56 32.54 -14.28 -20.17	49.98
08 14 16 00-0082	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	249.46 34.79 -15.09 -21.32	52.25
08 14 16 00-0083	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	264.55 37.32 -15.95 -22.57	54.53
<b>08 14 16 00-0084</b>			<b>Tempered Hardboard</b> <small>(08 14 16 00-0063)</small>		
08 14 16 00-0085	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	120.92 16.39 -7.36 -10.38	26.30
08 14 16 00-0086	EA		2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	125.19 16.85 -7.63 -10.76	27.50
08 14 16 00-0087	EA		2'-8" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	129.00 17.76 -7.83 -11.05	27.50
08 14 16 00-0088	EA		3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	135.18 18.67 -8.19 -11.57	28.70

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 14</b>	<b>Wood Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0089	EA		3'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door .....	139.51	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	19.71	
			<i>For &gt;50 To 100, Deduct</i>	-8.41	
			<i>For &gt;100, Deduct</i>	-11.90	
08 14 16 00-0090	EA		3'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door .....	156.02	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	23.10	
			<i>For &gt;50 To 100, Deduct</i>	-9.30	
			<i>For &gt;100, Deduct</i>	-13.20	
08 14 16 00-0091	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door .....	236.55	49.98
			<i>For Each 1' Of Additional Door Height, Add</i>	32.78	
			<i>For &gt;50 To 100, Deduct</i>	-14.33	
			<i>For &gt;100, Deduct</i>	-20.24	
08 14 16 00-0092	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door .....	244.89	52.25
			<i>For Each 1' Of Additional Door Height, Add</i>	33.69	
			<i>For &gt;50 To 100, Deduct</i>	-14.86	
			<i>For &gt;100, Deduct</i>	-20.98	
08 14 16 00-0093	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door .....	264.61	54.53
			<i>For Each 1' Of Additional Door Height, Add</i>	37.34	
			<i>For &gt;50 To 100, Deduct</i>	-15.96	
			<i>For &gt;100, Deduct</i>	-22.57	
<b>08 14 16 00-0094</b>			<b>Oak Or Maple Faced</b> <small>(08 14 16 00-0063)</small>		
08 14 16 00-0095	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	170.02	26.30
			<i>For Each 1' Of Additional Door Height, Add</i>	28.18	
			<i>For &gt;50 To 100, Deduct</i>	-9.82	
			<i>For &gt;100, Deduct</i>	-14.07	
08 14 16 00-0096	EA		2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	176.82	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	29.24	
			<i>For &gt;50 To 100, Deduct</i>	-10.22	
			<i>For &gt;100, Deduct</i>	-14.64	
08 14 16 00-0097	EA		2'-8" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	178.47	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	29.63	
			<i>For &gt;50 To 100, Deduct</i>	-10.30	
			<i>For &gt;100, Deduct</i>	-14.76	
08 14 16 00-0098	EA		3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	188.07	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	31.36	
			<i>For &gt;50 To 100, Deduct</i>	-10.84	
			<i>For &gt;100, Deduct</i>	-15.54	
08 14 16 00-0099	EA		3'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	207.24	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	35.96	
			<i>For &gt;50 To 100, Deduct</i>	-11.80	
			<i>For &gt;100, Deduct</i>	-16.98	
08 14 16 00-0100	EA		3'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	248.54	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	45.30	
			<i>For &gt;50 To 100, Deduct</i>	-13.92	
			<i>For &gt;100, Deduct</i>	-20.14	
08 14 16 00-0101	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	334.75	49.98
			<i>For Each 1' Of Additional Door Height, Add</i>	56.35	
			<i>For &gt;50 To 100, Deduct</i>	-19.24	
			<i>For &gt;100, Deduct</i>	-27.61	
08 14 16 00-0102	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	348.16	52.25
			<i>For Each 1' Of Additional Door Height, Add</i>	58.48	
			<i>For &gt;50 To 100, Deduct</i>	-20.02	
			<i>For &gt;100, Deduct</i>	-28.72	
08 14 16 00-0103	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door .....	370.41	54.53
			<i>For Each 1' Of Additional Door Height, Add</i>	62.73	
			<i>For &gt;50 To 100, Deduct</i>	-21.25	
			<i>For &gt;100, Deduct</i>	-30.51	
<b>08 14 16 00-0104</b>			<b>Walnut Faced</b> <small>(08 14 16 00-0063)</small>		
08 14 16 00-0105	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door .....	211.66	26.30
			<i>For Each 1' Of Additional Door Height, Add</i>	38.17	
			<i>For &gt;50 To 100, Deduct</i>	-11.90	
			<i>For &gt;100, Deduct</i>	-17.19	
08 14 16 00-0106	EA		2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door .....	215.16	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	38.44	
			<i>For &gt;50 To 100, Deduct</i>	-12.13	
			<i>For &gt;100, Deduct</i>	-17.51	
08 14 16 00-0107	EA		2'-8" x 7' x 1-3/4" Hollow Core, Walnut Faced Door .....	222.20	27.50
			<i>For Each 1' Of Additional Door Height, Add</i>	40.13	
			<i>For &gt;50 To 100, Deduct</i>	-12.49	
			<i>For &gt;100, Deduct</i>	-18.04	
08 14 16 00-0108	EA		3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door .....	226.75	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	40.65	
			<i>For &gt;50 To 100, Deduct</i>	-12.77	
			<i>For &gt;100, Deduct</i>	-18.44	
08 14 16 00-0109	EA		3'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door .....	245.65	28.70
			<i>For Each 1' Of Additional Door Height, Add</i>	45.18	
			<i>For &gt;50 To 100, Deduct</i>	-13.72	
			<i>For &gt;100, Deduct</i>	-19.86	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0110	EA		3'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	296.85 56.89 -16.34 -23.76	29.89
08 14 16 00-0111	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	417.91 76.31 -23.39 -33.84	49.98
08 14 16 00-0112	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	424.82 76.88 -23.85 -34.47	52.25
08 14 16 00-0113	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	447.76 81.29 -25.11 -36.31	54.53
08 14 16 00-0114			<b>Solid Core Doors, 1-3/4" Thick, 5 Ply</b> (08 14 16)		
08 14 16 00-0115			<b>Birch Faced</b> (08 14 16 00-0114)		
08 14 16 00-0116	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	163.25 16.59 27.66  30.29 35.00 13.28 59.74 82.97 132.76 26.55 -9.48 -13.56	26.30
08 14 16 00-0117	EA		2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	159.80 15.72 26.20  28.95 35.00 12.58 56.59 78.60 125.76 25.15 -9.37 -13.36	27.50
08 14 16 00-0118	EA		2'-8" x 7' x 1-3/4" Solid Core, Birch Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	164.17 16.38 27.29  30.04 35.00 13.10 58.95 81.88 131.00 26.20 -9.58 -13.69	27.50
08 14 16 00-0119	EA		3' x 7' x 1-3/4" Solid Core, Birch Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	172.38 17.25 28.75  31.62 35.00 13.80 62.09 86.24 137.99 27.60 -10.05 -14.36	28.70
08 14 16 00-0120	EA		3'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	185.03 19.15 31.91  34.78 35.00 15.32 68.93 95.73 153.17 30.63 -10.69 -15.31	28.70

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0121	EA		3'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	214.77	29.89
			For 7 Ply Core, Add	23.25	
			For Solid Wood Staved Core (Glued Block), Add	38.75	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	41.73	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	18.60	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	83.69	
			For Commercial Grade 1 Hour Fire Rated Door, Add	116.24	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	185.98	
			For Each 1' Of Additional Door Height, Add	37.20	
			For >50 To 100, Deduct	-12.23	
			For >100, Deduct	-17.60	
08 14 16 00-0122	PR		Pair 2' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	321.22	49.98
			For 7 Ply Core, Add	33.19	
			For Solid Wood Staved Core (Glued Block), Add	55.32	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	60.31	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	26.55	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	119.48	
			For Commercial Grade 1 Hour Fire Rated Door, Add	165.95	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	265.51	
			For Each 1' Of Additional Door Height, Add	53.10	
			For >50 To 100, Deduct	-18.56	
			For >100, Deduct	-26.59	
08 14 16 00-0123	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	314.11	52.25
			For 7 Ply Core, Add	31.44	
			For Solid Wood Staved Core (Glued Block), Add	52.40	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	57.63	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	25.15	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	113.19	
			For Commercial Grade 1 Hour Fire Rated Door, Add	157.21	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	251.53	
			For Each 1' Of Additional Door Height, Add	50.31	
			For >50 To 100, Deduct	-18.32	
			For >100, Deduct	-26.17	
08 14 16 00-0124	PR		Pair 3' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	339.03	54.53
			For 7 Ply Core, Add	34.50	
			For Solid Wood Staved Core (Glued Block), Add	57.50	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	62.95	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	27.60	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	124.19	
			For Commercial Grade 1 Hour Fire Rated Door, Add	172.49	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	275.99	
			For Each 1' Of Additional Door Height, Add	55.20	
			For >50 To 100, Deduct	-19.68	
			For >100, Deduct	-28.15	
<b>08 14 16 00-0125</b>			<b>Lauan Faced</b> (08 14 16 00-0114)		
08 14 16 00-0126	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	144.76	26.30
			For 7 Ply Core, Add	13.82	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	11.06	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	49.76	
			For Commercial Grade 1 Hour Fire Rated Door, Add	69.11	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	110.57	
			For Each 1' Of Additional Door Height, Add	22.11	
			For >50 To 100, Deduct	-8.55	
			For >100, Deduct	-12.17	
08 14 16 00-0127	EA		2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	147.40	27.50
			For 7 Ply Core, Add	13.86	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	11.09	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	49.90	
			For Commercial Grade 1 Hour Fire Rated Door, Add	69.30	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	110.88	
			For Each 1' Of Additional Door Height, Add	22.18	
			For >50 To 100, Deduct	-8.75	
			For >100, Deduct	-12.43	
08 14 16 00-0128	EA		2'-8" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	150.06	27.50
			For 7 Ply Core, Add	14.26	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	11.41	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	51.33	
			For Commercial Grade 1 Hour Fire Rated Door, Add	71.30	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	114.07	
			For Each 1' Of Additional Door Height, Add	22.81	
			For >50 To 100, Deduct	-8.88	
			For >100, Deduct	-12.63	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0129	EA		3' x 7' x 1-3/4" Solid Core, Lauan Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	154.37 14.55 35.00 11.64 52.37 72.74 116.38 23.28 -9.15 -13.01	28.70
08 14 16 00-0130	EA		3'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	163.13 15.86 35.00 12.69 57.10 79.31 126.89 25.38 -9.59 -13.67	28.70
08 14 16 00-0131	EA		3'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	173.08 16.99 35.00 13.59 61.18 84.97 135.95 27.19 -10.15 -14.48	29.89
08 14 16 00-0132	PR		Pair 2' x 7' x 1-3/4" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	284.23 27.64 35.00 22.11 99.51 138.20 221.12 44.22 -16.71 -23.82	49.98
08 14 16 00-0133	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	289.32 27.72 35.00 22.18 99.80 138.62 221.78 44.36 -17.08 -24.31	52.25
08 14 16 00-0134	PR		Pair 3' x 7' x 1-3/4" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	303.02 29.10 35.00 23.28 104.75 145.49 232.78 46.56 -17.88 -25.45	54.53
<b>08 14 16 00-0135</b>			<b>Oak Or Maple Faced</b> <small>(08 14 16 00-0114)</small>		
08 14 16 00-0136	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door ..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating &gt;20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	202.04 22.41 37.36  39.99 35.00 17.93 80.69 112.07 179.30 35.86 -11.42 -16.47	26.30

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0137	EA		2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	204.42	27.50
			For 7 Ply Core, Add	22.41	
			For Solid Wood Staved Core (Glued Block), Add	37.36	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	40.11	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	17.93	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	80.69	
			For Commercial Grade 1 Hour Fire Rated Door, Add	112.07	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	179.30	
			For Each 1' Of Additional Door Height, Add	35.86	
			For >50 To 100, Deduct	-11.60	
			For >100, Deduct	-16.71	
08 14 16 00-0138	EA		2'-8" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	205.95	27.50
			For 7 Ply Core, Add	22.64	
			For Solid Wood Staved Core (Glued Block), Add	37.74	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	40.49	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	18.11	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	81.51	
			For Commercial Grade 1 Hour Fire Rated Door, Add	113.21	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	181.14	
			For Each 1' Of Additional Door Height, Add	36.23	
			For >50 To 100, Deduct	-11.67	
			For >100, Deduct	-16.82	
08 14 16 00-0139	EA		3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	209.74	28.70
			For 7 Ply Core, Add	22.85	
			For Solid Wood Staved Core (Glued Block), Add	38.09	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	40.96	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	18.28	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	82.27	
			For Commercial Grade 1 Hour Fire Rated Door, Add	114.26	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	182.82	
			For Each 1' Of Additional Door Height, Add	36.56	
			For >50 To 100, Deduct	-11.92	
			For >100, Deduct	-17.17	
08 14 16 00-0140	EA		3'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	226.47	28.70
			For 7 Ply Core, Add	25.36	
			For Solid Wood Staved Core (Glued Block), Add	42.27	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	45.14	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	20.29	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	91.30	
			For Commercial Grade 1 Hour Fire Rated Door, Add	126.81	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	202.90	
			For Each 1' Of Additional Door Height, Add	40.58	
			For >50 To 100, Deduct	-12.76	
			For >100, Deduct	-18.42	
08 14 16 00-0141	EA		3'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	271.96	29.89
			For 7 Ply Core, Add	31.83	
			For Solid Wood Staved Core (Glued Block), Add	53.04	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	56.03	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	25.46	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	114.57	
			For Commercial Grade 1 Hour Fire Rated Door, Add	159.13	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	254.60	
			For Each 1' Of Additional Door Height, Add	50.92	
			For >50 To 100, Deduct	-15.09	
			For >100, Deduct	-21.89	
08 14 16 00-0142	PR		Pair 2' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door.....	386.39	49.98
			For 7 Ply Core, Add	42.96	
			For Solid Wood Staved Core (Glued Block), Add	71.61	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	76.61	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	34.37	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	154.67	
			For Commercial Grade 1 Hour Fire Rated Door, Add	214.82	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	343.72	
			For Each 1' Of Additional Door Height, Add	68.74	
			For >50 To 100, Deduct	-21.82	
			For >100, Deduct	-31.48	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0143 PR Pair 2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	392.95	52.25
For 7 Ply Core, Add	43.27	
For Solid Wood Staved Core (Glued Block), Add	72.11	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	77.34	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	34.61	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	155.76	
For Commercial Grade 1 Hour Fire Rated Door, Add	216.34	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	346.14	
For Each 1' Of Additional Door Height, Add	69.23	
For >50 To 100, Deduct	-22.26	
For >100, Deduct	-32.08	
08 14 16 00-0144 PR Pair 3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door .....	413.04	54.53
For 7 Ply Core, Add	45.60	
For Solid Wood Staved Core (Glued Block), Add	76.00	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	81.45	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	36.48	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	164.16	
For Commercial Grade 1 Hour Fire Rated Door, Add	228.00	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	364.80	
For Each 1' Of Additional Door Height, Add	72.96	
For >50 To 100, Deduct	-23.38	
For >100, Deduct	-33.70	
<b>08 14 16 00-0145 Walnut Faced</b> <small>(08 14 16 00-0114)</small>		
08 14 16 00-0146 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door .....	281.88	26.30
For 7 Ply Core, Add	34.39	
For Solid Wood Staved Core (Glued Block), Add	80.24	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	59.95	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	27.51	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	123.80	
For Commercial Grade 1 Hour Fire Rated Door, Add	171.95	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	275.11	
For Each 1' Of Additional Door Height, Add	55.02	
For >50 To 100, Deduct	-15.41	
For >100, Deduct	-22.46	
08 14 16 00-0147 EA 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door .....	284.33	27.50
For 7 Ply Core, Add	34.40	
For Solid Wood Staved Core (Glued Block), Add	80.27	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	60.08	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	27.52	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	123.84	
For Commercial Grade 1 Hour Fire Rated Door, Add	172.00	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	275.20	
For Each 1' Of Additional Door Height, Add	55.04	
For >50 To 100, Deduct	-15.59	
For >100, Deduct	-22.70	
08 14 16 00-0148 EA 2'-8" x 7' x 1-3/4" Solid Core, Walnut Faced Door .....	286.70	27.50
For 7 Ply Core, Add	34.76	
For Solid Wood Staved Core (Glued Block), Add	81.10	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	60.68	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	27.80	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	125.12	
For Commercial Grade 1 Hour Fire Rated Door, Add	173.78	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	278.04	
For Each 1' Of Additional Door Height, Add	55.61	
For >50 To 100, Deduct	-15.71	
For >100, Deduct	-22.88	
08 14 16 00-0149 EA 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door .....	301.43	28.70
For 7 Ply Core, Add	36.61	
For Solid Wood Staved Core (Glued Block), Add	85.41	
Note: Not used in conjunction with fire rating >20 minutes.		
For Exterior Grade Door, Add	63.88	
For Machining for Mortise Lock, Add	35.00	
For Commercial Grade 20 Minute Fire Rated Door, Add	29.28	
For Commercial Grade 3/4 Hour Fire Rated Door, Add	131.78	
For Commercial Grade 1 Hour Fire Rated Door, Add	183.03	
For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	292.85	
For Each 1' Of Additional Door Height, Add	58.57	
For >50 To 100, Deduct	-16.51	
For >100, Deduct	-24.04	

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0150	EA		3'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	317.46	28.70
			For 7 Ply Core, Add	39.01	
			For Solid Wood Staved Core (Glued Block), Add	91.02	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	67.89	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	31.21	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	140.44	
			For Commercial Grade 1 Hour Fire Rated Door, Add	195.05	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	312.08	
			For Each 1' Of Additional Door Height, Add	62.42	
			For >50 To 100, Deduct	-17.31	
			For >100, Deduct	-25.24	
08 14 16 00-0151	EA		3'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	387.50	29.89
			For 7 Ply Core, Add	49.16	
			For Solid Wood Staved Core (Glued Block), Add	114.70	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	84.92	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	39.33	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	176.96	
			For Commercial Grade 1 Hour Fire Rated Door, Add	245.78	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	393.25	
			For Each 1' Of Additional Door Height, Add	78.65	
			For >50 To 100, Deduct	-20.87	
			For >100, Deduct	-30.56	
08 14 16 00-0152	PR		Pair 2' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	539.51	49.98
			For 7 Ply Core, Add	65.93	
			For Solid Wood Staved Core (Glued Block), Add	153.84	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	114.89	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	52.75	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	237.36	
			For Commercial Grade 1 Hour Fire Rated Door, Add	329.66	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	527.46	
			For Each 1' Of Additional Door Height, Add	105.49	
			For >50 To 100, Deduct	-29.47	
			For >100, Deduct	-42.96	
08 14 16 00-0153	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	547.11	52.25
			For 7 Ply Core, Add	66.39	
			For Solid Wood Staved Core (Glued Block), Add	154.91	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	115.88	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	53.11	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	239.01	
			For Commercial Grade 1 Hour Fire Rated Door, Add	331.96	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	531.13	
			For Each 1' Of Additional Door Height, Add	106.23	
			For >50 To 100, Deduct	-29.97	
			For >100, Deduct	-43.65	
08 14 16 00-0154	PR		Pair 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	590.14	54.53
			For 7 Ply Core, Add	72.17	
			For Solid Wood Staved Core (Glued Block), Add	168.39	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	125.73	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	57.73	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	259.79	
			For Commercial Grade 1 Hour Fire Rated Door, Add	360.83	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	577.32	
			For Each 1' Of Additional Door Height, Add	115.46	
			For >50 To 100, Deduct	-32.23	
			For >100, Deduct	-46.99	
08 14 16 00-0155			<b>Manufacturer Prefinished Options For Flush Wood Doors</b> (08 14 16)		
08 14 16 00-0156	EA		Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	36.93	
			Note: Includes any standard manufacturer color on six sides.		
			For Custom Color To Match Non Standard Manufacturer Finish, Add	12.30	
08 14 16 00-0157			<b>Semicircular Head Door, Solid Core 1-3/4" Thick, Birch Faced</b> (08 14 16)		
08 14 16 00-0158	EA		2' Or 2'-2" x 6'-9" Wood Semicircular Head Door 1-3/4" Thick, Solid Core, Birch Faced.....	1,191.64	21.04
08 14 16 00-0159	EA		2'-4" x 6'-9" Wood Semicircular Head Door 1-3/4" Thick, Solid Core, Birch Faced.....	1,191.64	65.67
08 14 16 00-0160	EA		2'-6" x 6'-9" Wood Semicircular Head Door 1-3/4" Thick, Solid Core, Birch Faced.....	1,191.64	21.04
08 14 23			<b>Clad Wood Doors</b> (08 14)		
08 14 23 13			<b>Metal-Faced Wood Doors</b> (08 14 23)		
			See CSI section 08 70 00 00-0000 for finish hardware.		
08 14 23 13-0001			<b>24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core</b> (08 14 23 13)		
08 14 23 13-0002	EA		2' 6" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	316.00	58.82



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 13-0003	EA		2' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	337.57	64.57
08 14 23 13-0004	EA		2' 10" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	362.54	71.26
08 14 23 13-0005	EA		3' x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	378.85	73.66
08 14 23 13-0006	EA		3' 4" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	405.20	81.07
08 14 23 13-0007	EA		3' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	439.32	83.70
<b>08 14 66 Wood Screen Doors (08 14)</b>					
08 14 66 00-0001			<b>Wood Screen Storm Door, Residential Grade (08 14 66)</b> Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002	EA		2'-8" x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	233.43	68.88
08 14 66 00-0003	EA		3' x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	244.06	76.52
08 14 66 00-0004	EA		2'-8" x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	233.43	68.88
08 14 66 00-0005	EA		3' x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	244.06	76.52
<b>08 14 73 Sliding Wood Doors (08 14)</b>					
08 14 73 00-0001			<b>Pocket Door (08 14 73)</b> Note: Includes door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0054 for accessories to be added.		
08 14 73 00-0002			<b>1-3/8" Thick (08 14 73 00-0001)</b> See CSI section 08 14 73 00-0054 for all jambs and track hardware.		
08 14 73 00-0003			<b>6'-8" High (08 14 73 00-0002)</b>		
08 14 73 00-0004	EA		2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	263.56	16.74
			For Oak, Add	63.04	
			For Ash/Hickory, Add	92.50	
			For Walnut, Add	134.83	
			For Cherry, Add	219.28	
08 14 73 00-0005	EA		2'-4" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	271.53	17.94
			For Oak, Add	65.04	
			For Ash/Hickory, Add	94.74	
			For Walnut, Add	138.10	
			For Cherry, Add	224.59	
08 14 73 00-0006	EA		2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	280.89	19.13
			For Oak, Add	66.97	
			For Ash/Hickory, Add	97.54	
			For Walnut, Add	142.19	
			For Cherry, Add	231.24	
08 14 73 00-0007	EA		2'-8" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	287.47	20.33
			For Oak, Add	68.13	
			For Ash/Hickory, Add	99.23	
			For Walnut, Add	144.64	
			For Cherry, Add	235.23	
08 14 73 00-0008	EA		2'-10" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	296.84	21.52
			For Oak, Add	70.05	
			For Ash/Hickory, Add	102.03	
			For Walnut, Add	148.73	
			For Cherry, Add	241.87	
08 14 73 00-0009	EA		3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	304.81	22.72
			For Oak, Add	71.59	
			For Ash/Hickory, Add	104.27	
			For Walnut, Add	152.00	
			For Cherry, Add	247.19	
08 14 73 00-0010	EA		Pair 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	519.97	29.89
			For Oak, Add	127.01	
			For Ash/Hickory, Add	184.99	
			For Walnut, Add	269.67	
			For Cherry, Add	438.55	
08 14 73 00-0011	EA		Pair 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	549.85	32.28
			For Oak, Add	133.94	
			For Ash/Hickory, Add	195.09	
			For Walnut, Add	284.38	
			For Cherry, Add	462.48	
08 14 73 00-0012	EA		Pair 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	588.10	34.68
			For Oak, Add	143.18	
			For Ash/Hickory, Add	208.54	
			For Walnut, Add	303.99	
			For Cherry, Add	494.37	
<b>08 14 73 00-0013 7' High (08 14 73 00-0002)</b>					
08 14 73 00-0014	EA		2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	312.37	16.74
			For Oak, Add	65.26	
			For Ash/Hickory, Add	65.26	
			For Walnut, Add	107.38	
			For Cherry, Add	201.64	
08 14 73 00-0015	EA		2'-4" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	327.31	17.94
			For Oak, Add	68.20	
			For Ash/Hickory, Add	68.20	
			For Walnut, Add	112.21	
			For Cherry, Add	210.72	

**08 Openings****08 10 Doors And Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0016	EA		2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	338.07	19.13
			<i>For Oak, Add</i>	70.16	
			<i>For Ash/Hickory, Add</i>	70.16	
			<i>For Walnut, Add</i>	115.43	
			<i>For Cherry, Add</i>	216.77	
08 14 73 00-0017	EA		2'-8" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	347.43	20.33
			<i>For Oak, Add</i>	71.79	
			<i>For Ash/Hickory, Add</i>	71.79	
			<i>For Walnut, Add</i>	118.11	
			<i>For Cherry, Add</i>	221.81	
08 14 73 00-0018	EA		2'-10" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	355.41	21.52
			<i>For Oak, Add</i>	73.09	
			<i>For Ash/Hickory, Add</i>	73.09	
			<i>For Walnut, Add</i>	120.26	
			<i>For Cherry, Add</i>	225.84	
08 14 73 00-0019	EA		3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	366.17	22.72
			<i>For Oak, Add</i>	75.05	
			<i>For Ash/Hickory, Add</i>	75.05	
			<i>For Walnut, Add</i>	123.48	
			<i>For Cherry, Add</i>	231.90	
08 14 73 00-0020	EA		Pair 2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	617.59	29.89
			<i>For Oak, Add</i>	130.53	
			<i>For Ash/Hickory, Add</i>	130.53	
			<i>For Walnut, Add</i>	214.75	
			<i>For Cherry, Add</i>	403.29	
08 14 73 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	664.20	32.28
			<i>For Oak, Add</i>	140.32	
			<i>For Ash/Hickory, Add</i>	140.32	
			<i>For Walnut, Add</i>	230.86	
			<i>For Cherry, Add</i>	433.54	
08 14 73 00-0022	EA		Pair 3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced .....	710.82	34.68
			<i>For Oak, Add</i>	150.10	
			<i>For Ash/Hickory, Add</i>	150.10	
			<i>For Walnut, Add</i>	246.97	
			<i>For Cherry, Add</i>	463.78	
08 14 73 00-0023			<b>1-3/4" Thick</b> <small>(08 14 73 00-0001)</small> See CSI section 08 14 73 00-0054 for all jambs and track hardware.		
08 14 73 00-0024			<b>6'-8" High</b> <small>(08 14 73 00-0023)</small>		
08 14 73 00-0025	EA		2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	396.04	16.74
			<i>For Oak, Add</i>	84.84	
			<i>For Ash/Hickory, Add</i>	84.84	
			<i>For Walnut, Add</i>	139.59	
			<i>For Cherry, Add</i>	262.14	
08 14 73 00-0026	EA		2'-4" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	415.16	17.94
			<i>For Oak, Add</i>	88.76	
			<i>For Ash/Hickory, Add</i>	88.76	
			<i>For Walnut, Add</i>	146.03	
			<i>For Cherry, Add</i>	274.23	
08 14 73 00-0027	EA		2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	425.92	19.13
			<i>For Oak, Add</i>	90.71	
			<i>For Ash/Hickory, Add</i>	90.71	
			<i>For Walnut, Add</i>	149.25	
			<i>For Cherry, Add</i>	280.29	
08 14 73 00-0028	EA		2'-8" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	438.07	20.33
			<i>For Oak, Add</i>	93.00	
			<i>For Ash/Hickory, Add</i>	93.00	
			<i>For Walnut, Add</i>	153.01	
			<i>For Cherry, Add</i>	287.34	
08 14 73 00-0029	EA		2'-10" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	448.84	21.52
			<i>For Oak, Add</i>	94.96	
			<i>For Ash/Hickory, Add</i>	94.96	
			<i>For Walnut, Add</i>	156.23	
			<i>For Cherry, Add</i>	293.39	
08 14 73 00-0030	EA		3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	459.60	22.72
			<i>For Oak, Add</i>	96.92	
			<i>For Ash/Hickory, Add</i>	96.92	
			<i>For Walnut, Add</i>	159.46	
			<i>For Cherry, Add</i>	299.44	
08 14 73 00-0031	EA		Pair 2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	784.93	29.89
			<i>For Oak, Add</i>	169.68	
			<i>For Ash/Hickory, Add</i>	169.68	
			<i>For Walnut, Add</i>	279.18	
			<i>For Cherry, Add</i>	524.28	
08 14 73 00-0032	EA		Pair 2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	839.90	32.28
			<i>For Oak, Add</i>	181.43	
			<i>For Ash/Hickory, Add</i>	181.43	
			<i>For Walnut, Add</i>	298.51	
			<i>For Cherry, Add</i>	560.57	
08 14 73 00-0033	EA		Pair 3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	897.68	34.68
			<i>For Oak, Add</i>	193.83	
			<i>For Ash/Hickory, Add</i>	193.83	
			<i>For Walnut, Add</i>	318.91	
			<i>For Cherry, Add</i>	598.88	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 14 73 00-0034</b> <b>7' High</b> <small>(08 14 73 00-0023)</small>		
08 14 73 00-0035     EA    2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	423.93	16.74
For Oak, Add	91.37	
For Ash/Hickory, Add	91.37	
For Walnut, Add	150.33	
For Cherry, Add	282.30	
08 14 73 00-0036     EA    2'-4" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	445.84	17.94
For Oak, Add	95.94	
For Ash/Hickory, Add	95.94	
For Walnut, Add	157.84	
For Cherry, Add	296.42	
08 14 73 00-0037     EA    2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	457.99	19.13
For Oak, Add	98.22	
For Ash/Hickory, Add	98.22	
For Walnut, Add	161.60	
For Cherry, Add	303.47	
08 14 73 00-0038     EA    2'-8" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	470.15	20.33
For Oak, Add	100.51	
For Ash/Hickory, Add	100.51	
For Walnut, Add	165.36	
For Cherry, Add	310.54	
08 14 73 00-0039     EA    2'-10" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	480.91	21.52
For Oak, Add	102.46	
For Ash/Hickory, Add	102.46	
For Walnut, Add	168.58	
For Cherry, Add	316.58	
08 14 73 00-0040     EA    3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	493.06	22.72
For Oak, Add	104.75	
For Ash/Hickory, Add	104.75	
For Walnut, Add	172.34	
For Cherry, Add	323.64	
08 14 73 00-0041     EA    Pair 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	840.71	29.89
For Oak, Add	182.74	
For Ash/Hickory, Add	182.74	
For Walnut, Add	300.65	
For Cherry, Add	564.61	
08 14 73 00-0042     EA    Pair 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	904.05	32.28
For Oak, Add	196.44	
For Ash/Hickory, Add	196.44	
For Walnut, Add	323.20	
For Cherry, Add	606.95	
08 14 73 00-0043     EA    Pair 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	964.62	34.68
For Oak, Add	209.49	
For Ash/Hickory, Add	209.49	
For Walnut, Add	344.68	
For Cherry, Add	647.28	
<b>08 14 73 00-0044</b> <b>8' High</b> <small>(08 14 73 00-0023)</small>		
08 14 73 00-0045     EA    2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	451.82	16.74
For Oak, Add	97.89	
For Ash/Hickory, Add	97.89	
For Walnut, Add	161.06	
For Cherry, Add	302.47	
08 14 73 00-0046     EA    2'-4" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	473.73	17.94
For Oak, Add	102.46	
For Ash/Hickory, Add	102.46	
For Walnut, Add	168.58	
For Cherry, Add	316.58	
08 14 73 00-0047     EA    2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	487.28	19.13
For Oak, Add	105.07	
For Ash/Hickory, Add	105.07	
For Walnut, Add	172.88	
For Cherry, Add	324.65	
08 14 73 00-0048     EA    2'-8" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	500.82	20.33
For Oak, Add	107.68	
For Ash/Hickory, Add	107.68	
For Walnut, Add	177.17	
For Cherry, Add	332.71	
08 14 73 00-0049     EA    2'-10" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	511.59	21.52
For Oak, Add	109.64	
For Ash/Hickory, Add	109.64	
For Walnut, Add	180.39	
For Cherry, Add	338.76	
08 14 73 00-0050     EA    3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	525.14	22.72
For Oak, Add	112.25	
For Ash/Hickory, Add	112.25	
For Walnut, Add	184.69	
For Cherry, Add	346.83	
08 14 73 00-0051     EA    Pair 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	896.49	29.89
For Oak, Add	195.79	
For Ash/Hickory, Add	195.79	
For Walnut, Add	322.13	
For Cherry, Add	604.93	

<b>08</b>	<b>Openings</b>
<b>08 10</b>	<b>Doors And Frames</b>
<b>08 14</b>	<b>Wood Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0052	EA		Pair 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	962.62	32.28
			<i>For Oak, Add</i>	210.15	
			<i>For Ash/Hickory, Add</i>	210.15	
			<i>For Walnut, Add</i>	345.75	
			<i>For Cherry, Add</i>	649.30	
08 14 73 00-0053	EA		Pair 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	1,028.77	34.68
			<i>For Oak, Add</i>	224.50	
			<i>For Ash/Hickory, Add</i>	224.50	
			<i>For Walnut, Add</i>	369.38	
			<i>For Cherry, Add</i>	693.66	
<b>08 14 73 00-0054</b>			<b>Accessories</b> (08 14 73 00-0001)		
<b>08 14 73 00-0055</b>			<b>Jamb Replacement</b> (08 14 73 00-0054)		
08 14 73 00-0056	EA		4-9/16 Or 4-3/4" Jamb, Birch .....	88.61	
			<i>For Oak, Add</i>	7.31	
			<i>For Ash/Hickory, Add</i>	11.45	
			<i>For Walnut, Add</i>	25.04	
			<i>For Cherry, Add</i>	39.65	
08 14 73 00-0057	EA		5-1/4" Jamb, Birch .....	90.70	
			<i>For Oak, Add</i>	7.55	
			<i>For Ash/Hickory, Add</i>	11.82	
			<i>For Walnut, Add</i>	25.84	
			<i>For Cherry, Add</i>	40.94	
08 14 73 00-0058	EA		6-9/16" Or 6-3/4" Jamb, Birch .....	104.26	
			<i>For Oak, Add</i>	9.08	
			<i>For Ash/Hickory, Add</i>	14.22	
			<i>For Walnut, Add</i>	31.09	
			<i>For Cherry, Add</i>	49.25	
<b>08 14 73 00-0059</b>			<b>Track And Hardware Replacement Kits</b> (08 14 73 00-0054)		
			Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0060	EA		Up To 2'-6" x 6'-8" Door Track And Hardware.....	158.50	
08 14 73 00-0061	EA		2'-8" x 6'-8" Door Track And Hardware .....	160.03	
08 14 73 00-0062	EA		3' x 6'-8" Door Track And Hardware.....	163.10	
08 14 73 00-0063	EA		Up To 2'-6" x 7' Door Track And Hardware .....	192.23	
08 14 73 00-0064	EA		2'-8" x 7' Door Track And Hardware.....	193.76	
08 14 73 00-0065	EA		3' x 7' Door Track And Hardware .....	196.82	
08 14 73 00-0066	EA		Up To 2'-6" x 8' Door Track And Hardware.....	207.55	
08 14 73 00-0067	EA		2'-8" x 8' Door Track And Hardware.....	209.09	
08 14 73 00-0068	EA		3' x 8' Door Track And Hardware .....	212.15	
08 14 73 00-0069	EA		Double Door Converging Kit .....	22.50	
<b>08 14 73 00-0070</b>			<b>Lauan Faced Hollow Core Flush Bi-Pass Doors</b> (08 14 73)		
08 14 73 00-0071	EA		4'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass.....	193.64	38.24
08 14 73 00-0072	EA		5'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass.....	206.40	40.63
08 14 73 00-0073	EA		6'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass.....	225.62	43.02
08 14 73 00-0074	EA		8'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass .....	322.54	45.41
<b>08 14 73 00-0075</b>			<b>Birch Faced Hollow Core Flush Bi-Pass Doors</b> (08 14 73)		
08 14 73 00-0076	EA		4'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass.....	208.99	38.24
08 14 73 00-0077	EA		5'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass.....	230.34	40.63
08 14 73 00-0078	EA		6'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass.....	251.96	43.02
08 14 73 00-0079	EA		8'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass.....	353.25	45.41
<b>08 14 73 00-0080</b>			<b>Molded High Density Fiberboard Hollow Core Paneled Bi-Pass Doors</b> (08 14 73)		
08 14 73 00-0081	EA		4'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass.....	209.43	38.24
08 14 73 00-0082	EA		5'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass.....	229.27	40.63
08 14 73 00-0083	EA		6'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass.....	250.19	43.02
08 14 73 00-0084	EA		8'-0", Four 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass.....	354.11	45.41
<b>08 14 76</b>			<b>Bifolding Wood Doors</b> (08 14)		
<b>08 14 76 00-0001</b>			<b>Bi-Fold Wood Doors</b> (08 14 76)		
			Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
<b>08 14 76 00-0002</b>			<b>Lauan Faced Hollow Core Flush Bi-Fold Doors</b> (08 14 76 00-0001)		
08 14 76 00-0003	EA		2'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold.....	94.92	28.68
08 14 76 00-0004	EA		2'-6", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold.....	99.70	31.07
08 14 76 00-0005	EA		2'-8", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold.....	106.99	33.46
08 14 76 00-0006	EA		3'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold.....	111.77	35.85
08 14 76 00-0007	EA		4'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold .....	148.59	38.24
08 14 76 00-0008	EA		5'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold .....	153.37	40.63
08 14 76 00-0009	EA		6'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold .....	163.46	43.02





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Wood Doors	08 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 14 76 00-0010</b> Birch Faced Hollow Core Flush Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0011 EA 2'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold .....	101.06	28.68
08 14 76 00-0012 EA 2'-6", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold .....	107.85	31.07
08 14 76 00-0013 EA 2'-8", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold .....	116.49	33.46
08 14 76 00-0014 EA 3'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold .....	121.27	35.85
08 14 76 00-0015 EA 4'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold.....	161.71	38.24
08 14 76 00-0016 EA 5'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold.....	173.83	40.63
08 14 76 00-0017 EA 6'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold.....	186.71	43.02
<b>08 14 76 00-0018</b> Oak Faced Hollow Core Flush Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0019 EA 2'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	101.34	28.68
08 14 76 00-0020 EA 2'-6", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	111.77	31.07
08 14 76 00-0021 EA 2'-8", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	120.11	33.46
08 14 76 00-0022 EA 3'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	124.89	35.85
08 14 76 00-0023 EA 4'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	164.88	38.24
08 14 76 00-0024 EA 5'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	170.93	40.63
08 14 76 00-0025 EA 6'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold .....	186.71	43.02
<b>08 14 76 00-0026</b> Pine Raised Panel Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0027 EA 2'-0", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	283.58	28.68
08 14 76 00-0028 EA 2'-6", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	324.91	31.07
08 14 76 00-0029 EA 2'-8", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	372.17	33.46
08 14 76 00-0030 EA 3'-0", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	376.95	35.85
08 14 76 00-0031 EA 4'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	528.92	38.24
08 14 76 00-0032 EA 5'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	606.80	40.63
08 14 76 00-0033 EA 6'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	696.54	43.02
<b>08 14 76 00-0034</b> Oak Raised Panel Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0035 EA 2'-0", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold .....	367.55	28.68
08 14 76 00-0036 EA 2'-6", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold .....	399.00	31.07
08 14 76 00-0037 EA 2'-8", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold .....	436.38	33.46
08 14 76 00-0038 EA 3'-0", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold .....	441.16	35.85
08 14 76 00-0039 EA 4'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	696.86	38.24
08 14 76 00-0040 EA 5'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	754.99	40.63
08 14 76 00-0041 EA 6'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	824.97	43.02
<b>08 14 76 00-0042</b> Molded High Density Fiberboard Hollow Core Paneled Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0043 EA 2'-0", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold .....	97.08	28.68
08 14 76 00-0044 EA 2'-6", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold .....	104.38	31.07
08 14 76 00-0045 EA 2'-8", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold .....	114.50	33.46
08 14 76 00-0046 EA 3'-0", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold .....	114.78	35.85
08 14 76 00-0047 EA 4'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	145.03	38.24
08 14 76 00-0048 EA 5'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	156.86	40.63
08 14 76 00-0049 EA 6'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	176.88	43.02
<b>08 17 Integrated Door Opening Assemblies</b> <small>(08 10)</small>		
<b>08 17 23 Integrated Metal Door Opening Assemblies</b> <small>(08 17)</small>		
<b>08 17 23 00-0001</b> Pre-Hung Interior Door Units <small>(08 17 23)</small>		
Note: All prehung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
<b>08 17 23 00-0002</b> Hollow Core Doors, 1-3/8" Thick <small>(08 17 23 00-0001)</small>		
<b>08 17 23 00-0003</b> Birch Faced <small>(08 17 23 00-0002)</small>		
08 17 23 00-0004 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	190.04	29.89
For Each 1' Of Additional Door Height, Add	31.26	
08 17 23 00-0005 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	198.04	29.89
For Each 1' Of Additional Door Height, Add	33.18	
08 17 23 00-0006 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	208.43	31.09
For Each 1' Of Additional Door Height, Add	35.10	
08 17 23 00-0007 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	213.21	32.28
For Each 1' Of Additional Door Height, Add	35.67	
08 17 23 00-0008 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	227.73	32.28
For Each 1' Of Additional Door Height, Add	39.16	
08 17 23 00-0009 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	240.56	33.48
For Each 1' Of Additional Door Height, Add	41.66	
08 17 23 00-0010 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	358.54	49.03
For Each 1' Of Additional Door Height, Add	62.52	
08 17 23 00-0011 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	381.73	52.62
For Each 1' Of Additional Door Height, Add	66.36	
08 17 23 00-0012 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....	409.68	56.20
For Each 1' Of Additional Door Height, Add	71.35	

**08 Openings****08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 17 23 00-0013</b>			<b>Lauan Faced</b> (08 17 23 00-0002)		
08 17 23 00-0014	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	173.00 27.17	29.89
08 17 23 00-0015	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	180.68 29.01	29.89
08 17 23 00-0016	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	189.53 30.57	31.09
08 17 23 00-0017	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	196.50 31.66	32.28
08 17 23 00-0018	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	209.11 34.69	32.28
08 17 23 00-0019	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	220.74 36.91	33.48
08 17 23 00-0020	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	324.47 54.34	49.03
08 17 23 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	346.96 58.02	52.62
08 17 23 00-0022	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	376.29 63.33	56.20
<b>08 17 23 00-0023</b>			<b>Tempered Hardboard Faced</b> (08 17 23 00-0002)		
08 17 23 00-0024	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	148.53 21.30	29.89
08 17 23 00-0025	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	155.01 22.85	29.89
08 17 23 00-0026	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	160.46 23.59	31.09
08 17 23 00-0027	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	169.00 25.06	32.28
08 17 23 00-0028	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	180.48 27.82	32.28
08 17 23 00-0029	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	190.29 29.60	33.48
08 17 23 00-0030	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	275.54 42.60	49.03
08 17 23 00-0031	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	295.65 45.70	52.62
08 17 23 00-0032	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	321.25 50.13	56.20
<b>08 17 23 00-0033</b>			<b>Solid Core Doors, 1-3/8" Thick</b> (08 17 23 00-0001)		
<b>08 17 23 00-0034</b>			<b>Birch Faced</b> (08 17 23 00-0033)		
08 17 23 00-0035	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	251.58 46.03	29.89
08 17 23 00-0036	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	261.66 48.45	29.89
08 17 23 00-0037	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	274.11 50.87	31.09
08 17 23 00-0038	EA		3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	288.79 53.81	32.28
08 17 23 00-0039	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	313.41 59.72	32.28
08 17 23 00-0040	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	337.55 64.94	33.48
08 17 23 00-0041	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	481.62 92.06	49.03
08 17 23 00-0042	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	508.97 96.90	52.62
08 17 23 00-0043	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	560.82 107.62	56.20
<b>08 17 23 00-0044</b>			<b>Lauan Faced</b> (08 17 23 00-0033)		
08 17 23 00-0045	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	225.83 39.85	29.89
08 17 23 00-0046	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	234.96 42.04	29.89
08 17 23 00-0047	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	246.46 44.23	31.09
08 17 23 00-0048	EA		3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	258.07 46.44	32.28
08 17 23 00-0049	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	279.36 51.55	32.28
08 17 23 00-0050	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	295.49 54.85	33.48
08 17 23 00-0051	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	430.13 79.70	49.03
08 17 23 00-0052	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	455.58 84.09	52.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0053 EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	499.40 92.88	56.20
<b>08 17 23 00-0054 Tempered Hardboard Faced</b> <small>(08 17 23 00-0033)</small>		
08 17 23 00-0055 EA 2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	202.91 34.35	29.89
08 17 23 00-0056 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	211.19 36.34	29.89
08 17 23 00-0057 EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	221.89 38.33	31.09
08 17 23 00-0058 EA 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	227.36 39.07	32.28
08 17 23 00-0059 EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	245.31 43.38	32.28
08 17 23 00-0060 EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	259.28 46.16	33.48
08 17 23 00-0061 PR Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	384.28 68.70	49.03
08 17 23 00-0062 PR Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	408.02 72.67	52.62
08 17 23 00-0063 PR Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	437.97 78.14	56.20
<b>08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick</b> <small>(08 17 23 00-0001)</small>		
<b>08 17 23 00-0065 Birch Faced</b> <small>(08 17 23 00-0064)</small>		
08 17 23 00-0066 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	222.58 39.07	29.89
08 17 23 00-0067 EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	228.72 40.54	29.89
08 17 23 00-0068 EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	233.38 41.09	31.09
08 17 23 00-0069 EA 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	245.79 43.49	32.28
08 17 23 00-0070 EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	272.37 49.87	32.28
08 17 23 00-0071 EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	305.83 57.33	33.48
08 17 23 00-0072 EA Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	423.64 78.14	49.03
08 17 23 00-0073 EA Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	443.08 81.09	52.62
08 17 23 00-0074 EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	474.85 86.99	56.20
<b>08 17 23 00-0075 Luan Faced</b> <small>(08 17 23 00-0064)</small>		
08 17 23 00-0076 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	203.60 34.51	29.89
08 17 23 00-0077 EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	213.51 36.89	29.89
08 17 23 00-0078 EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	223.94 38.82	31.09
08 17 23 00-0079 EA 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	229.52 39.59	32.28
08 17 23 00-0080 EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	247.65 43.94	32.28
08 17 23 00-0081 EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	261.76 46.75	33.48
08 17 23 00-0082 EA Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	385.68 69.03	49.03
08 17 23 00-0083 EA Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	412.67 73.79	52.62
08 17 23 00-0084 EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	442.30 79.18	56.20
<b>08 17 23 00-0085 Tempered Hardboard Faced</b> <small>(08 17 23 00-0064)</small>		
08 17 23 00-0086 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	170.36 26.54	29.89
08 17 23 00-0087 EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	173.44 27.28	29.89
08 17 23 00-0088 EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	181.96 28.75	31.09
08 17 23 00-0089 EA 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	190.51 30.23	32.28
08 17 23 00-0090 EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	197.52 31.91	32.28
08 17 23 00-0091 EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For Each 1' Of Additional Door Height, Add</i>	208.43 33.95	33.48

**08 Openings****08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0092	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	319.17	49.03
			<i>For Each 1' Of Additional Door Height, Add</i>	53.07	
08 17 23 00-0093	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door .....	332.52	52.62
			<i>For Each 1' Of Additional Door Height, Add</i>	54.55	
08 17 23 00-0094	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	364.28	56.20
			<i>For Each 1' Of Additional Door Height, Add</i>	60.45	
<b>08 17 23 00-0095</b>			<b>Solid Core Doors, 1-3/4" Thick</b> (08 17 23 00-0001)		
<b>08 17 23 00-0096</b>			<b>Birch Faced</b> (08 17 23 00-0095)		
08 17 23 00-0097	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	280.94	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	53.08	
08 17 23 00-0098	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	290.15	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	55.29	
08 17 23 00-0099	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	295.61	31.09
			<i>For Each 1' Of Additional Door Height, Add</i>	56.03	
08 17 23 00-0100	EA		3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door.....	307.22	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	58.24	
08 17 23 00-0101	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	333.91	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	64.64	
08 17 23 00-0102	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	363.26	33.48
			<i>For Each 1' Of Additional Door Height, Add</i>	71.11	
08 17 23 00-0103	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	540.36	49.03
			<i>For Each 1' Of Additional Door Height, Add</i>	106.16	
08 17 23 00-0104	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door.....	565.94	52.62
			<i>For Each 1' Of Additional Door Height, Add</i>	110.57	
08 17 23 00-0105	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door .....	597.70	56.20
			<i>For Each 1' Of Additional Door Height, Add</i>	116.47	
<b>08 17 23 00-0106</b>			<b>Lauan Faced</b> (08 17 23 00-0095)		
08 17 23 00-0107	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	285.80	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	54.24	
08 17 23 00-0108	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	286.46	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	54.40	
08 17 23 00-0109	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	295.35	31.09
			<i>For Each 1' Of Additional Door Height, Add</i>	55.96	
08 17 23 00-0110	EA		3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door.....	302.47	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	57.10	
08 17 23 00-0111	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	323.97	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	62.26	
08 17 23 00-0112	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	342.95	33.48
			<i>For Each 1' Of Additional Door Height, Add</i>	66.24	
08 17 23 00-0113	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	550.09	49.03
			<i>For Each 1' Of Additional Door Height, Add</i>	108.49	
08 17 23 00-0114	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	558.56	52.62
			<i>For Each 1' Of Additional Door Height, Add</i>	108.80	
08 17 23 00-0115	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door .....	588.19	56.20
			<i>For Each 1' Of Additional Door Height, Add</i>	114.19	
<b>08 17 23 00-0116</b>			<b>Tempered Hardboard Faced</b> (08 17 23 00-0095)		
08 17 23 00-0117	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	234.87	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	42.02	
08 17 23 00-0118	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	237.93	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	42.75	
08 17 23 00-0119	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	243.39	31.09
			<i>For Each 1' Of Additional Door Height, Add</i>	43.49	
08 17 23 00-0120	EA		3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door.....	251.94	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	44.97	
08 17 23 00-0121	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	265.68	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	48.27	
08 17 23 00-0122	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	280.95	33.48
			<i>For Each 1' Of Additional Door Height, Add</i>	51.36	
08 17 23 00-0123	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	448.19	49.03
			<i>For Each 1' Of Additional Door Height, Add</i>	84.03	
08 17 23 00-0124	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	461.50	52.62
			<i>For Each 1' Of Additional Door Height, Add</i>	85.51	
08 17 23 00-0125	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door .....	487.13	56.20
			<i>For Each 1' Of Additional Door Height, Add</i>	89.94	
<b>08 17 23 00-0126</b>			<b>Oak Or Maple Faced</b> (08 17 23 00-0095)		
08 17 23 00-0127	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door .....	337.86	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	66.74	
08 17 23 00-0128	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door .....	339.56	29.89
			<i>For Each 1' Of Additional Door Height, Add</i>	67.14	
08 17 23 00-0129	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door .....	356.32	31.09
			<i>For Each 1' Of Additional Door Height, Add</i>	70.59	
08 17 23 00-0130	EA		3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door .....	362.46	32.28
			<i>For Each 1' Of Additional Door Height, Add</i>	71.49	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors And Frames	08 10	
Integrated Door Opening Assemblies	08 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0131	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	394.76 79.25	32.28
08 17 23 00-0132	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	435.41 88.43	33.48
08 17 23 00-0133	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	654.19 133.48	49.03
08 17 23 00-0134	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	664.77 134.29	52.62
08 17 23 00-0135	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	708.19 142.99	56.20
<b>08 17 23 00-0136 Walnut Faced</b> <small>(08 17 23 00-0095)</small>					
08 17 23 00-0137	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	424.70 87.58	29.89
08 17 23 00-0138	EA		2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	439.88 91.22	29.89
08 17 23 00-0139	EA		2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	447.34 92.44	31.09
08 17 23 00-0140	EA		3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	464.94 96.09	32.28
08 17 23 00-0141	EA		3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	508.98 106.66	32.28
08 17 23 00-0142	EA		3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	555.85 117.33	33.48
08 17 23 00-0143	EA		Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	827.88 175.16	49.03
08 17 23 00-0144	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	865.39 182.44	52.62
08 17 23 00-0145	EA		Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	913.13 192.18	56.20

## 08 30 Specialty Doors And Frames (08)

### 08 31 Access Doors And Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

#### 08 31 13 Access Doors And Frames (08 31)

##### 08 31 13 00-0001 Stainless Steel Access Doors (08 31 13)

##### 08 31 13 00-0002 Fire Rated Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch.....	322.67	33.40
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	377.66	35.59
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	443.45	37.64
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	514.37	39.55
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch.....	526.66	39.75
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch.....	682.08	40.98

##### 08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch.....	118.15	25.62
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch.....	143.71	33.40
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch.....	211.96	35.59
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch.....	227.82	37.64
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch.....	267.00	39.55
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch.....	307.54	39.75

##### 08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

##### 08 31 13 00-0017 Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA	12" x 12" Fire Rated Steel Access Door With Cam Latch.....	170.31	33.61
08 31 13 00-0019	EA	12" x 18" Fire Rated Steel Access Door With Cam Latch.....	211.97	35.59
08 31 13 00-0020	EA	18" x 18" Fire Rated Steel Access Door With Cam Latch.....	211.45	37.64
08 31 13 00-0021	EA	24" x 18" Fire Rated Steel Access Door With Cam Latch.....	252.04	39.75
08 31 13 00-0022	EA	24" x 24" Fire Rated Steel Access Door With Cam Latch.....	263.78	39.75
08 31 13 00-0023	EA	24" x 36" Fire Rated Steel Access Door With Cam Latch.....	348.03	40.98
08 31 13 00-0024	EA	24" x 48" Fire Rated Steel Access Door With Cam Latch.....	402.31	42.70
08 31 13 00-0025	EA	36" x 36" Fire Rated Steel Access Door With Cam Latch.....	499.46	42.70
08 31 13 00-0026	EA	48" x 48" Fire Rated Steel Access Door With Cam Latch.....	641.72	51.23

##### 08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch.....	84.70	25.76
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch.....	90.75	33.61
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch.....	105.04	35.59
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch.....	107.78	37.64
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch.....	128.80	39.75
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch.....	132.04	39.75

<b>08</b>	<b>Openings</b>
<b>08 30</b>	<b>Specialty Doors And Frames</b>
<b>08 31</b>	<b>Access Doors And Panels</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31	13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch.....	171.30	40.98
08 31	13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch.....	228.74	42.70
<b>08 31</b>	<b>13 00-0036</b>		<b>Steel Recessed Access Doors For Drywall Application (08 31 13)</b>		
			Note: Includes paintable powder coated finish.		
08 31	13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch.....	123.61	25.62
			<i>For Recessed Doors In Acoustical Tile, Add</i>	9.64	
08 31	13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch.....	129.22	27.46
			<i>For Recessed Doors In Acoustical Tile, Add</i>	10.81	
08 31	13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch.....	138.99	29.03
			<i>For Recessed Doors In Acoustical Tile, Add</i>	11.10	
08 31	13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch.....	163.85	30.74
			<i>For Recessed Doors In Acoustical Tile, Add</i>	9.24	
08 31	13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch.....	172.37	32.45
			<i>For Recessed Doors In Acoustical Tile, Add</i>	9.84	
08 31	13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch.....	189.44	32.45
			<i>For Recessed Doors In Acoustical Tile, Add</i>	7.28	
08 31	13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch.....	235.85	40.98
			<i>For Recessed Doors In Acoustical Tile, Add</i>	9.71	
08 31	13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch.....	340.65	42.70
			<i>For Recessed Doors In Acoustical Tile, Add</i>	-4.13	
<b>08 31</b>	<b>13 00-0045</b>		<b>Steel Crawl Space Doors And Frames (08 31 13)</b>		
			Note: Includes paintable powder coated finish.		
08 31	13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch.....	141.46	43.24
08 31	13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch.....	200.29	52.39
08 31	13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch.....	224.79	56.90
<b>08 32</b>	<b>Sliding Glass Doors (08 30)</b>				
			Note: Includes stock frames, trim, necessary anchors and Usual hardware.		
<b>08 32 13</b>	<b>Sliding Aluminum-Framed Glass Doors (08 32)</b>				
<b>08 32 13 00-0001</b>	<b>Residential Metal Sliding Glass Door (08 32 13)</b>				
<b>08 32 13 00-0002</b>	<b>Door With 5/8" Insulating Glass (08 32 13 00-0001)</b>				
08 32	13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	16.42	2.15
			<i>For Custom Quality, Add</i>	2.68	
			<i>For Tempered Glass, Add</i>	1.42	
			<i>For Anodized Or Colored Aluminum Frames, Add</i>	1.93	
08 32	13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	13.58	1.33
			<i>For Custom Quality, Add</i>	2.57	
			<i>For Tempered Glass, Add</i>	1.42	
			<i>For Anodized Or Colored Aluminum Frames, Add</i>	1.85	
<b>08 32 13 00-0005</b>	<b>Door With 1" Insulating Glass (08 32 13 00-0001)</b>				
08 32	13 00-0006	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	18.34	2.15
			<i>For Custom Quality, Add</i>	3.16	
			<i>For Tempered Glass, Add</i>	1.42	
			<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.28	
08 32	13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	15.47	1.33
			<i>For Custom Quality, Add</i>	3.04	
			<i>For Tempered Glass, Add</i>	1.42	
			<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.19	
<b>08 32 13 00-0008</b>	<b>Door With 1/4" Tempered Plate Glass 3.2/SF (08 32 13 00-0001)</b>				
08 32	13 00-0009	SF	Up To 6' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware.....	14.85	2.15
08 32	13 00-0010	SF	>6' Up To 12' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware.....	11.58	1.33
<b>08 32 19</b>	<b>Sliding Wood-Framed Glass Doors (08 32)</b>				
<b>08 32 19 00-0001</b>	<b>Residential Wood Sliding Doors With 5/8" Glass (08 32 19)</b>				
08 32	19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,019.71	64.57
08 32	19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,244.82	78.92
08 32	19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,438.52	90.87
08 32	19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	1,123.33	64.57
08 32	19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	1,378.66	78.92
08 32	19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	1,604.15	90.87
<b>08 33</b>	<b>Coiling Doors And Grilles (08 30)</b>				
<b>08 33 13</b>	<b>Coiling Counter Doors (08 33)</b>				
<b>08 33 13 00-0001</b>	<b>Aluminum Overhead Coiling Counter Shutters (08 33 13)</b>				
			Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Excludes steel framing supports.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Coiling Doors And Grilles	08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0002	EA		4' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,659.63	276.73
			<i>For Steel Doors, Deduct</i>	-35.00	
			<i>For Stainless Steel Doors, Add</i>	78.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0003	EA		6' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,866.20	276.73
			<i>For Steel Doors, Deduct</i>	-71.00	
			<i>For Stainless Steel Doors, Add</i>	130.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0004	EA		8' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,107.67	294.02
			<i>For Steel Doors, Deduct</i>	-115.00	
			<i>For Stainless Steel Doors, Add</i>	225.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	722.67	
08 33 13 00-0005	EA		10' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,447.99	345.91
			<i>For Steel Doors, Deduct</i>	-142.00	
			<i>For Stainless Steel Doors, Add</i>	315.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	736.05	
08 33 13 00-0006	EA		4' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,819.02	276.73
			<i>For Steel Doors, Deduct</i>	-40.00	
			<i>For Stainless Steel Doors, Add</i>	85.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0007	EA		6' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,102.47	307.44
			<i>For Steel Doors, Deduct</i>	-80.00	
			<i>For Stainless Steel Doors, Add</i>	145.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	726.87	
08 33 13 00-0008	EA		10' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,611.69	345.91
			<i>For Steel Doors, Deduct</i>	-156.00	
			<i>For Stainless Steel Doors, Add</i>	240.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	736.48	
<b>08 33 13 00-0009</b>			<b>Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters</b> <small>(08 33 13)</small>		
			Note: Includes stainless steel frame and sill, necessary anchors, track and hardware. Includes clear anodized aluminum finish. Excludes steel framing supports.		
08 33 13 00-0010	EA		4' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	5,946.63	276.73
			<i>For Steel Doors, Deduct</i>	-35.00	
			<i>For Stainless Steel Doors, Add</i>	78.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0011	EA		6' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	6,318.71	276.73
			<i>For Steel Doors, Deduct</i>	-71.00	
			<i>For Stainless Steel Doors, Add</i>	130.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0012	EA		8' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	6,739.68	294.02
			<i>For Steel Doors, Deduct</i>	-115.00	
			<i>For Stainless Steel Doors, Add</i>	225.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	722.67	
08 33 13 00-0013	EA		10' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	7,283.57	345.91
			<i>For Steel Doors, Deduct</i>	-142.00	
			<i>For Stainless Steel Doors, Add</i>	315.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	736.05	
08 33 13 00-0014	EA		4' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	6,165.17	276.73
			<i>For Steel Doors, Deduct</i>	-40.00	
			<i>For Stainless Steel Doors, Add</i>	85.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	719.18	
08 33 13 00-0015	EA		6' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	6,584.81	307.44
			<i>For Steel Doors, Deduct</i>	-80.00	
			<i>For Stainless Steel Doors, Add</i>	145.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	726.87	
08 33 13 00-0016	EA		10' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift .....	7,738.96	345.91
			<i>For Steel Doors, Deduct</i>	-156.00	
			<i>For Stainless Steel Doors, Add</i>	240.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	736.48	
<b>08 33 23</b>			<b>Overhead Coiling Doors</b> <small>(08 33)</small>		
08 33 23 00-0001			Galvanized Steel Overhead Coiling Doors (Width x Height) <small>(08 33 23)</small>		
08 33 23 00-0002			26 Gauge Galvanized Steel Overhead Coiling Doors, Storage Unit Style <small>(08 33 23 00-0001)</small>		
08 33 23 00-0003	EA		4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	473.75	131.52
08 33 23 00-0004	EA		4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	526.69	143.49
08 33 23 00-0005	EA		5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	523.30	143.49

<b>08</b>	<b>Openings</b>
<b>08 30</b>	<b>Specialty Doors And Frames</b>
<b>08 33</b>	<b>Coiling Doors And Grilles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 00-0006	EA		5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	580.71	155.44
08 33 23 00-0007	EA		6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	572.89	155.44
08 33 23 00-0008	EA		6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	629.92	167.39
08 33 23 00-0009	EA		6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	699.93	179.36
08 33 23 00-0010	EA		8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	618.59	155.44
08 33 23 00-0011	EA		8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	666.81	167.39
08 33 23 00-0012	EA		8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	725.75	179.36
08 33 23 00-0013	EA		8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	817.42	191.31
08 33 23 00-0014	EA		10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	744.96	191.31
08 33 23 00-0015	EA		10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	795.13	191.31
08 33 23 00-0016	EA		10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	885.96	203.27
08 33 23 00-0017	EA		10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift .....	944.38	215.23

**08 33 23 00-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)**

Note: With curtain hood (barrel cover).

08 33 23 00-0019	EA		8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,911.70	155.44
			<i>For Insulated, Add</i> .....	1,223.93	
08 33 23 00-0020	EA		8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,990.95	167.39
			<i>For Insulated, Add</i> .....	1,267.22	
08 33 23 00-0021	EA		8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,201.06	191.31
			<i>For Insulated, Add</i> .....	1,392.53	
08 33 23 00-0022	EA		8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,369.87	191.31
			<i>For Insulated, Add</i> .....	1,519.13	
08 33 23 00-0023	EA		10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,137.93	191.31
			<i>For Insulated, Add</i> .....	1,345.18	
08 33 23 00-0024	EA		10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,264.12	191.31
			<i>For Insulated, Add</i> .....	1,439.82	
08 33 23 00-0025	EA		10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,438.08	215.23
			<i>For Insulated, Add</i> .....	1,538.04	
08 33 23 00-0026	EA		10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,619.94	215.23
			<i>For Insulated, Add</i> .....	1,674.44	
08 33 23 00-0027	EA		12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,351.03	215.23
			<i>For Insulated, Add</i> .....	1,472.75	
08 33 23 00-0028	EA		12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,545.11	239.14
			<i>For Insulated, Add</i> .....	1,585.99	
08 33 23 00-0029	EA		12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,810.88	298.93
			<i>For Insulated, Add</i> .....	1,704.62	
08 33 23 00-0030	EA		12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,076.53	298.93
			<i>For Insulated, Add</i> .....	1,903.86	
08 33 23 00-0031	EA		14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,048.86	298.93
			<i>For Insulated, Add</i> .....	1,883.10	
08 33 23 00-0032	EA		14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,353.16	298.93
			<i>For Insulated, Add</i> .....	2,111.33	
08 33 23 00-0033	EA		14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,675.91	298.93
			<i>For Insulated, Add</i> .....	2,353.39	

**08 33 23 00-0034 22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)**

Note: With curtain hood (barrel cover).

08 33 23 00-0035	EA		4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,666.26	143.49
			<i>For Insulated, Add</i> .....	1,056.01	
08 33 23 00-0036	EA		4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,828.14	155.44
			<i>For Insulated, Add</i> .....	1,161.25	
08 33 23 00-0037	EA		4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,943.18	167.39
			<i>For Insulated, Add</i> .....	1,231.37	
08 33 23 00-0038	EA		6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	1,844.48	155.44
			<i>For Insulated, Add</i> .....	1,173.51	
08 33 23 00-0039	EA		6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,021.78	167.39
			<i>For Insulated, Add</i> .....	1,290.32	
08 33 23 00-0040	EA		6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,210.48	191.31
			<i>For Insulated, Add</i> .....	1,399.59	
08 33 23 00-0041	EA		6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,692.00	215.23
			<i>For Insulated, Add</i> .....	1,728.47	
08 33 23 00-0042	EA		6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,173.57	239.14
			<i>For Insulated, Add</i> .....	2,057.34	
08 33 23 00-0043	EA		8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,006.95	155.44
			<i>For Insulated, Add</i> .....	1,295.36	
08 33 23 00-0044	EA		8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,248.27	191.31
			<i>For Insulated, Add</i> .....	1,427.93	
08 33 23 00-0045	EA		8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,498.22	239.14
			<i>For Insulated, Add</i> .....	1,550.83	
08 33 23 00-0046	EA		8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,960.30	263.06
			<i>For Insulated, Add</i> .....	1,865.15	
08 33 23 00-0047	EA		8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,422.58	286.96
			<i>For Insulated, Add</i> .....	2,179.46	
08 33 23 00-0048	EA		10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,540.14	245.12
			<i>For Insulated, Add</i> .....	1,574.19	
08 33 23 00-0049	EA		10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,876.28	298.93
			<i>For Insulated, Add</i> .....	1,753.67	
08 33 23 00-0050	EA		10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,429.31	358.71
			<i>For Insulated, Add</i> .....	2,087.83	
08 33 23 00-0051	EA		10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,006.47	430.45
			<i>For Insulated, Add</i> .....	2,423.79	





<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Coiling Doors And Grilles	08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0052	EA		10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,579.60 2,724.24	526.11
08 33 23 00-0053	EA		10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,055.97 3,017.42	573.94
08 33 23 00-0054	EA		10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,532.80 3,310.63	621.76
08 33 23 00-0055	EA		10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,008.63 3,602.67	669.59
08 33 23 00-0056	EA		12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	2,867.79 1,763.37	286.96
08 33 23 00-0057	EA		12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	3,248.07 1,951.90	358.71
08 33 23 00-0058	EA		12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	3,917.86 2,389.72	406.53
08 33 23 00-0059	EA		12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,635.77 2,831.15	478.28
08 33 23 00-0060	EA		12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,321.23 3,216.36	573.94
08 33 23 00-0061	EA		12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,911.17 3,594.41	621.76
08 33 23 00-0062	EA		12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,549.89 3,976.11	693.50
08 33 23 00-0063	EA		12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	7,188.25 4,357.78	765.25
<b>08 33 23 00-0064 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)</b>					
Note: With curtain hood (barrel cover)					
08 33 23 00-0065	EA		14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	3,648.59 2,252.29	358.71
08 33 23 00-0066	EA		14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,142.18 2,557.96	406.53
08 33 23 00-0067	EA		14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,741.78 2,943.04	454.37
08 33 23 00-0068	EA		14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,275.68 3,278.53	502.19
08 33 23 00-0069	EA		14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,940.45 3,648.24	597.84
08 33 23 00-0070	EA		14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,509.18 4,010.29	645.68
08 33 23 00-0071	EA		14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	7,841.59 4,912.29	717.41
08 33 23 00-0072	EA		14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	9,171.88 5,814.14	789.16
08 33 23 00-0073	EA		16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,526.76 2,814.01	430.45
08 33 23 00-0074	EA		16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,091.69 3,173.09	478.28
08 33 23 00-0075	EA		16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,639.91 3,487.44	550.02
08 33 23 00-0076	EA		16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,206.27 3,815.73	621.76
08 33 23 00-0077	EA		16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,779.40 4,180.75	669.59
08 33 23 00-0078	EA		16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	7,454.36 4,621.87	717.41
08 33 23 00-0079	EA		16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	8,490.65 5,334.58	765.25
08 33 23 00-0080	EA		16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	9,536.96 6,054.63	813.07
08 33 23 00-0081	EA		18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	4,891.15 2,957.90	526.11
08 33 23 00-0082	EA		18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,393.50 3,270.56	573.94
08 33 23 00-0083	EA		18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,199.05 3,777.69	645.68
08 33 23 00-0084	EA		18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,880.33 4,191.35	717.41
08 33 23 00-0085	EA		18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	7,518.02 4,605.10	765.25
08 33 23 00-0086	EA		18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	8,156.61 5,019.37	813.07
08 33 23 00-0087	EA		18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	9,375.06 5,868.33	860.90
08 33 23 00-0088	EA		18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	10,621.33 6,739.41	908.72
08 33 23 00-0089	EA		20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	5,513.31 3,360.42	573.94
08 33 23 00-0090	EA		20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For Insulated, Add</i>	6,494.56 4,031.95	621.76
<b>08 33 23 00-0091 18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)</b>					
Note: With curtain hood (barrel cover).					

**08 Openings**  
**08 30 Specialty Doors And Frames**  
**08 33 Coiling Doors And Grilles**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0092	EA		20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,776.45	693.50
			<i>For Insulated, Add</i>	4,896.03	
08 33 23 00-0093	EA		20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,863.78	741.33
			<i>For Insulated, Add</i>	5,646.48	
08 33 23 00-0094	EA		20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,124.68	789.16
			<i>For Insulated, Add</i>	6,527.33	
08 33 23 00-0095	EA		20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,549.78	836.99
			<i>For Insulated, Add</i>	7,531.95	
08 33 23 00-0096	EA		20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,981.64	884.82
			<i>For Insulated, Add</i>	8,542.30	
08 33 23 00-0097	EA		20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,443.25	932.64
			<i>For Insulated, Add</i>	9,573.32	
08 33 23 00-0098	EA		22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,189.83	621.76
			<i>For Insulated, Add</i>	3,803.40	
08 33 23 00-0099	EA		22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,337.34	669.59
			<i>For Insulated, Add</i>	4,599.21	
08 33 23 00-0100	EA		22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,721.53	741.33
			<i>For Insulated, Add</i>	5,539.79	
08 33 23 00-0101	EA		22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,166.69	789.16
			<i>For Insulated, Add</i>	6,560.25	
08 33 23 00-0102	EA		22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,620.32	836.99
			<i>For Insulated, Add</i>	7,584.85	
08 33 23 00-0103	EA		22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,235.34	884.82
			<i>For Insulated, Add</i>	8,732.58	
08 33 23 00-0104	EA		22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,858.25	932.64
			<i>For Insulated, Add</i>	9,884.57	
08 33 23 00-0105	EA		22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,468.40	980.47
			<i>For Insulated, Add</i>	11,028.19	
08 33 23 00-0106	EA		24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,801.77	669.59
			<i>For Insulated, Add</i>	4,197.53	
08 33 23 00-0107	EA		24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,617.00	717.41
			<i>For Insulated, Add</i>	4,743.85	
08 33 23 00-0108	EA		24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,472.98	789.16
			<i>For Insulated, Add</i>	6,039.96	
08 33 23 00-0109	EA		24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,100.90	836.99
			<i>For Insulated, Add</i>	7,195.29	
08 33 23 00-0110	EA		24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,658.40	884.82
			<i>For Insulated, Add</i>	8,299.87	
08 33 23 00-0111	EA		24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,381.58	932.64
			<i>For Insulated, Add</i>	9,527.07	
08 33 23 00-0112	EA		24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,406.80	980.47
			<i>For Insulated, Add</i>	10,981.99	
08 33 23 00-0113	EA		24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	18,490.15	1,028.29
			<i>For Insulated, Add</i>	12,478.46	
08 33 23 00-0114			<b>Aluminum Overhead Coiling Doors (Width x Height) (08 33 23)</b>		
08 33 23 00-0115			<b>0.04" Aluminum Overhead Coiling Doors (08 33 23 00-0114)</b>		
08 33 23 00-0116	EA		4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,275.32	143.49
08 33 23 00-0117	EA		4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,396.17	155.44
08 33 23 00-0118	EA		4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,781.69	167.39
08 33 23 00-0119	EA		6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,592.00	155.44
08 33 23 00-0120	EA		6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,735.83	167.39
08 33 23 00-0121	EA		6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,903.53	191.31
08 33 23 00-0122	EA		6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,107.20	215.23
08 33 23 00-0123	EA		6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,313.55	239.14
08 33 23 00-0124	EA		8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,739.97	155.44
08 33 23 00-0125	EA		8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,973.97	191.31
08 33 23 00-0126	EA		8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,234.43	239.14
08 33 23 00-0127	EA		8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,438.24	263.06
08 33 23 00-0128	EA		8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,643.13	286.96
08 33 23 00-0129	EA		10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,271.05	251.09
08 33 23 00-0130	EA		10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,527.77	298.93
08 33 23 00-0131	EA		10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,845.85	358.71
08 33 23 00-0132	EA		10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,189.17	430.45
08 33 23 00-0133	EA		10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,722.48	526.11
08 33 23 00-0134	EA		10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,158.95	573.94
08 33 23 00-0135	EA		10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,592.62	621.76
08 33 23 00-0136	EA		10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,027.87	669.59
08 33 23 00-0137	EA		12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,499.92	286.96
08 33 23 00-0138	EA		12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,032.20	358.71
08 33 23 00-0139	EA		12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,430.98	406.53
08 33 23 00-0140	EA		12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,879.71	478.28
08 33 23 00-0141	EA		12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,483.83	573.94
08 33 23 00-0142	EA		12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,993.99	621.76
08 33 23 00-0143	EA		12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,324.69	693.50
08 33 23 00-0144	EA		12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,657.15	765.25
08 33 23 00-0145			<b>0.05" Aluminum Overhead Coiling Doors (08 33 23 00-0114)</b>		
08 33 23 00-0146	EA		14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	2,882.00	358.71
08 33 23 00-0147	EA		14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,410.52	406.53



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0148 EA 14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,928.97	454.37
08 33 23 00-0149 EA 14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,406.86	502.19
08 33 23 00-0150 EA 14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,012.81	597.84
08 33 23 00-0151 EA 14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,523.36	645.68
08 33 23 00-0152 EA 14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,091.50	717.41
08 33 23 00-0153 EA 14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,657.61	789.16
08 33 23 00-0154 EA 16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,416.25	430.45
08 33 23 00-0155 EA 16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,969.26	478.28
08 33 23 00-0156 EA 16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,546.91	550.02
08 33 23 00-0157 EA 16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,140.72	621.76
08 33 23 00-0158 EA 16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,733.76	669.59
08 33 23 00-0159 EA 16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,365.62	717.41
08 33 23 00-0160 EA 16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,965.85	765.25
08 33 23 00-0161 EA 16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,526.64	813.07
08 33 23 00-0162 EA 18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,891.03	526.11
08 33 23 00-0163 EA 18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,482.98	573.94
08 33 23 00-0164 EA 18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,181.86	645.68
08 33 23 00-0165 EA 18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,871.18	717.41
08 33 23 00-0166 EA 18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,520.10	765.25
08 33 23 00-0167 EA 18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,164.16	813.07
08 33 23 00-0168 EA 18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,807.22	860.90
08 33 23 00-0169 EA 18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,453.53	908.72
08 33 23 00-0170 EA 20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,370.26	573.94
08 33 23 00-0171 EA 20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,974.20	621.76
08 33 23 00-0172 EA 20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,967.63	693.50
08 33 23 00-0173 EA 20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,566.14	741.33
08 33 23 00-0174 EA 20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,282.61	789.16
08 33 23 00-0175 EA 20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,025.39	836.99
08 33 23 00-0176 EA 20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,724.09	884.82
08 33 23 00-0177 EA 20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,452.17	932.64
08 33 23 00-0178 EA 22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,038.25	621.76
08 33 23 00-0179 EA 22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,784.98	669.59
08 33 23 00-0180 EA 22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,672.45	741.33
08 33 23 00-0181 EA 22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,492.66	789.16
08 33 23 00-0182 EA 22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,314.88	836.99
08 33 23 00-0183 EA 22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,142.95	884.82
08 33 23 00-0184 EA 22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,924.82	932.64
08 33 23 00-0185 EA 22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,711.30	980.47
08 33 23 00-0186 EA 24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,530.08	669.59
08 33 23 00-0187 EA 24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,017.20	717.41
08 33 23 00-0188 EA 24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,237.77	789.16
08 33 23 00-0189 EA 24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,166.27	836.99
08 33 23 00-0190 EA 24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,039.20	884.82
08 33 23 00-0191 EA 24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,914.58	932.64
08 33 23 00-0192 EA 24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,921.37	980.47
08 33 23 00-0193 EA 24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,969.66	1,028.29
<b>08 33 23 00-0194</b>	<b>Removal And Reinstallation Of Roll-Up Door And Support</b> (08 33 23)	
Note: Includes storage, cleaning and supply materials.		
08 33 23 00-0195	SF Remove And Reinstall Metal Roll-up Door And Supports.....	10.26
<b>08 33 23 00-0196</b>	<b>Overhead Coiling Door Accessories</b> (08 33 23)	
08 33 23 00-0197	LF Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only.....	2.03
08 33 23 00-0198	LF Top Of Door (Lintel), Weather Strip Seal For Coiling Doors.....	16.69
08 33 23 00-0199	LF Side Of Door (Guides), Weather Strip Seal For Coiling Doors.....	15.90
08 33 23 00-0200	EA Cylinder Lock For Coiling Doors.....	140.69
08 33 23 00-0201	EA Jackshaft Operator For Coiling Doors.....	1,001.09
Note: Includes three button inside station controls and mounting hardware.		
08 33 23 00-0202	EA Remote Transmitter Kit For Coiling Door Operators.....	178.85
<b>08 33 26</b>	<b>Overhead Coiling Grilles</b> (08 33)	
Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.		
<b>08 33 26 00-0001</b>	<b>Steel Overhead Coiling Grilles (Width x Height)</b> (08 33 26)	
08 33 26 00-0002	EA 4' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	2,139.86
For Aluminum With Clear Or Anodized Bronze Finish, Add		430.55
For Staggered Brick Pattern, Add		44.85
For Lexan Lattice Pattern, Add		269.09
08 33 26 00-0003	EA 6' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	2,369.28
For Aluminum With Clear Or Anodized Bronze Finish, Add		485.61
For Staggered Brick Pattern, Add		50.58
For Lexan Lattice Pattern, Add		303.51
08 33 26 00-0004	EA 8' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	2,716.15
For Aluminum With Clear Or Anodized Bronze Finish, Add		541.19
For Staggered Brick Pattern, Add		56.37
For Lexan Lattice Pattern, Add		338.24

**08 Openings****08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0005	EA		12' x 4', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,268.28 673.70 70.18 421.06	161.40
08 33 26 00-0006	EA		16' x 4', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,403.40 890.78 92.79 556.74	242.14
08 33 26 00-0007	EA		20' x 4', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,538.54 1,107.87 115.40 692.42	322.74
08 33 26 00-0008	EA		24' x 4', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,927.18 1,396.44 145.46 872.77	387.42
08 33 26 00-0009	EA		30' x 4', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	8,495.73 1,706.90 177.80 1,066.81	484.28
08 33 26 00-0010	EA		4' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	2,314.99 472.58 49.23 295.36	121.06
08 33 26 00-0011	EA		6' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	2,644.50 551.66 57.46 344.79	121.06
08 33 26 00-0012	EA		8' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	2,954.17 598.31 62.32 373.94	161.47
08 33 26 00-0013	EA		12' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,590.33 750.99 78.23 469.37	161.47
08 33 26 00-0014	EA		16' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,855.12 999.19 104.08 624.50	242.14
08 33 26 00-0015	EA		20' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,117.45 1,247.40 129.94 779.62	322.74
08 33 26 00-0016	EA		24' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,680.58 1,577.25 164.30 985.78	387.42
08 33 26 00-0017	EA		30' x 6', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,246.11 1,886.99 196.56 1,179.37	484.28
08 33 26 00-0018	EA		4' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	2,645.80 535.45 55.78 334.66	145.28
08 33 26 00-0019	EA		6' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,043.88 630.99 65.73 394.37	145.28
08 33 26 00-0020	EA		8' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,646.79 750.58 78.19 469.11	181.60
08 33 26 00-0021	EA		12' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,220.89 888.36 92.54 555.23	181.60
08 33 26 00-0022	EA		16' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,714.73 1,171.97 122.08 732.48	290.57
08 33 26 00-0023	EA		20' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,100.58 1,455.58 151.62 909.74	363.20
08 33 26 00-0024	EA		24' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,000.76 1,861.56 193.91 1,163.47	435.85
08 33 26 00-0025	EA		30' x 8', Steel Overhead Coiling Grilles, Manual Lift ..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	10,973.49 2,269.52 236.41 1,418.45	532.70



<b>Openings</b>	<b>08</b>
Specialty Doors And Frames	08 30
Coiling Doors And Grilles	08 33

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0026	EA		4' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	2,934.33 604.70 62.99 377.94	145.28
08 33 26 00-0027	EA		6' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,461.92 731.32 76.18 457.07	145.28
08 33 26 00-0028	EA		8' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,111.52 862.49 89.84 539.05	181.60
08 33 26 00-0029	EA		12' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,830.50 1,035.04 107.82 646.90	181.60
08 33 26 00-0030	EA		16' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,513.83 1,363.75 142.06 852.35	290.57
08 33 26 00-0031	EA		20' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	8,087.58 1,692.46 176.30 1,057.79	363.20
08 33 26 00-0032	EA		24' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	10,193.26 2,147.76 223.72 1,342.35	435.85
08 33 26 00-0033	EA		30' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,814.84 2,711.45 282.44 1,694.66	532.70
08 33 26 00-0034	EA		4' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,264.75 684.00 71.25 427.50	145.28
08 33 26 00-0035	EA		6' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,360.39 706.95 73.64 441.84	145.28
08 33 26 00-0036	EA		8' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,081.14 854.82 89.04 534.26	181.60
08 33 26 00-0037	EA		12' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,518.87 1,199.88 124.99 749.92	181.60
08 33 26 00-0038	EA		16' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,643.44 1,634.86 170.30 1,021.79	290.57
08 33 26 00-0039	EA		20' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,660.01 2,069.84 215.61 1,293.65	363.20
08 33 26 00-0040	EA		24' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	11,721.39 2,514.51 261.93 1,571.57	435.85
08 33 26 00-0041	EA		30' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	14,634.11 3,148.07 327.92 1,967.55	532.70
08 33 26 00-0042	EA		4' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,855.72 825.83 86.02 516.14	145.28
08 33 26 00-0043	EA		6' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,500.96 980.69 102.16 612.93	145.28
08 33 26 00-0044	EA		8' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,256.36 1,137.25 118.46 710.78	181.60
08 33 26 00-0045	EA		12' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,611.78 1,462.55 152.35 914.09	181.60
08 33 26 00-0046	EA		16' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	8,770.49 1,905.35 198.47 1,190.85	290.57

**08 Openings****08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0047	EA		20' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	10,819.66 2,348.16 244.60 1,467.60	363.20
08 33 26 00-0048	EA		24' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,925.40 2,803.47 292.03 1,752.17	435.85
08 33 26 00-0049	EA		30' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	16,595.57 3,618.82 376.96 2,261.76	532.70
<b>08 33 26 00-0050</b>			<b>Coiling Grilles Accessories</b> (08 33 26)		
08 33 26 00-0051	EA		Add For Motor Operator Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,627.32	29.41
08 33 26 00-0052	LF		For Safety Edge Bottom Bar, Electric, Add	46.48	
08 33 26 00-0053	LF		For Overhead Framed Rolling Grille Supports	63.47	
<b>08 33 36</b>			<b>Side Coiling Grilles</b> (08 33)		
<b>08 33 36 00-0001</b>			<b>Steel Side Coiling Grilles (Width x Height)</b> (08 33 36)		
08 33 36 00-0002	EA		12' x 8', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,368.65 1,009.89 105.20 631.18	406.24
08 33 36 00-0003	EA		18' x 8', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,669.26 1,482.78 154.46 926.74	521.84
08 33 36 00-0004	EA		24' x 8', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,994.68 1,947.54 202.87 1,217.21	657.99
08 33 36 00-0005	EA		30' x 8', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,219.72 2,434.42 253.59 1,521.51	726.41
08 33 36 00-0006	EA		12' x 10', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,579.43 1,261.47 131.40 788.42	463.18
08 33 36 00-0007	EA		18' x 10', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,428.09 1,854.59 193.19 1,159.12	594.90
08 33 36 00-0008	EA		24' x 10', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,102.18 2,390.16 248.98 1,493.85	749.86
08 33 36 00-0009	EA		30' x 10', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	15,051.35 3,042.14 316.89 1,901.34	828.11
08 33 36 00-0010	EA		12' x 12', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,800.20 1,514.21 157.73 946.38	521.84
08 33 36 00-0011	EA		18' x 12', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	11,179.91 2,221.97 231.45 1,388.73	670.23
08 33 36 00-0012	EA		24' x 12', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	14,574.27 2,921.31 304.30 1,825.82	845.06
08 33 36 00-0013	EA		30' x 12', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	17,880.09 3,651.63 380.38 2,282.27	932.23
08 33 36 00-0014	EA		12' x 14', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,024.23 1,770.49 184.43 1,106.56	576.98
08 33 36 00-0015	EA		18' x 14', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,942.61 2,593.77 270.18 1,621.10	740.94
08 33 36 00-0016	EA		24' x 14', Steel Side Coiling Grilles, Manually Operated <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	16,861.64 3,408.19 355.02 2,130.12	934.16



<b>Openings</b>	<b>08</b>
Specialty Doors And Frames	08 30
Coiling Doors And Grilles	08 33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0017 EA 30' x 14', Steel Side Coiling Grilles, Manually Operated..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	20,688.20 4,258.03 443.54 2,661.27	1,031.51
<b>08 33 39 High Speed Doors (08 33)</b>		
<b>08 33 39 00-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39)</b> Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
<b>08 33 39 00-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0001)</b>		
<b>08 33 39 00-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0004 EA 6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,584.44	191.31
08 33 39 00-0005 EA 6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,720.04	199.44
08 33 39 00-0006 EA 6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,886.25	207.57
08 33 39 00-0007 EA 6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,098.35	215.70
08 33 39 00-0008 EA 6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,323.71	223.83
08 33 39 00-0009 EA 6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,708.19	231.96
08 33 39 00-0010 EA 6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,979.45	240.09
<b>08 33 39 00-0011 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0012 EA 7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,750.64	199.44
08 33 39 00-0013 EA 7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,925.01	207.57
08 33 39 00-0014 EA 7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,145.27	215.70
08 33 39 00-0015 EA 7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,378.79	223.83
08 33 39 00-0016 EA 7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,688.81	231.96
08 33 39 00-0017 EA 7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,064.11	240.09
08 33 39 00-0018 EA 7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,358.84	248.22
<b>08 33 39 00-0019 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0020 EA 8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,955.61	207.57
08 33 39 00-0021 EA 8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,174.85	215.70
08 33 39 00-0022 EA 8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,417.55	223.83
08 33 39 00-0023 EA 8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,736.75	231.96
08 33 39 00-0024 EA 8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,024.33	240.09
08 33 39 00-0025 EA 8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,433.30	248.22
08 33 39 00-0026 EA 8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,767.80	256.35
<b>08 33 39 00-0027 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0028 EA 9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,205.45	215.70
08 33 39 00-0029 EA 9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,447.13	223.83
08 33 39 00-0030 EA 9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,766.33	231.96
08 33 39 00-0031 EA 9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,063.09	240.09
08 33 39 00-0032 EA 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,375.16	248.22
08 33 39 00-0033 EA 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,699.46	256.35
08 33 39 00-0034 EA 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,055.38	264.48
<b>08 33 39 00-0035 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0036 EA 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,471.61	223.83
08 33 39 00-0037 EA 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,796.93	231.96
08 33 39 00-0038 EA 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,091.65	240.09
08 33 39 00-0039 EA 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,405.76	248.22
08 33 39 00-0040 EA 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,755.56	256.35
08 33 39 00-0041 EA 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,115.56	264.48
08 33 39 00-0042 EA 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,420.48	272.61
<b>08 33 39 00-0043 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0044 EA 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,815.29	231.96
08 33 39 00-0045 EA 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,117.15	240.09
08 33 39 00-0046 EA 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,435.34	248.22
08 33 39 00-0047 EA 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,786.16	256.35
08 33 39 00-0048 EA 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,013.56	264.48
08 33 39 00-0049 EA 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,471.48	272.61

<b>08</b>	<b>Openings</b>
<b>08 30</b>	<b>Specialty Doors And Frames</b>
<b>08 33</b>	<b>Coiling Doors And Grilles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0050	EA		11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,844.74	280.74
<b>08 33 39 00-0051</b>			<b>12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)</b>		
08 33 39 00-0052	EA		12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,125.31	240.09
08 33 39 00-0053	EA		12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,452.68	248.22
08 33 39 00-0054	EA		12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,809.62	256.35
08 33 39 00-0055	EA		12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,046.20	264.48
08 33 39 00-0056	EA		12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,358.26	272.61
08 33 39 00-0057	EA		12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,887.58	280.74
08 33 39 00-0058	EA		12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,253.70	288.88
<b>08 33 39 00-0059</b>			<b>Rytec® PredaDoor® Door Options (08 33 39 00-0001)</b>		
08 33 39 00-0060	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	306.00	47.83
08 33 39 00-0061	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	510.00	47.83
08 33 39 00-0062	SF		Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	7.65	
<b>08 33 39 00-0063</b>			<b>3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39)</b>		
			Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
<b>08 33 39 00-0064</b>			<b>3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0063)</b>		
<b>08 33 39 00-0065</b>			<b>8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)</b>		
08 33 39 00-0066	EA		8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	12,623.20	286.96
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0067	EA		8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	13,207.60	295.09
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0068	EA		8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	13,713.46	303.22
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0069	EA		8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,260.12	311.36
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0070	EA		8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,881.24	319.49
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0071	EA		8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,199.42	327.62
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 39 00-0072	EA		8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,705.28	335.75
			For NEMA 4X Control Box, Add	675.00	
			For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
			For AC Variable Speed Motor And Controls, Add	2,750.00	
			For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
			For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
<b>08 33 39 00-0073</b>			<b>9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)</b>		





<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Coiling Doors And Grilles	08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0074	EA		9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	13,207.60 675.00 1,100.00 2,750.00 3,300.00 4,950.00	295.09
08 33 39 00-0075	EA		9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	13,713.46 675.00 1,100.00 2,750.00 3,300.00 4,950.00	303.22
08 33 39 00-0076	EA		9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,260.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	311.36
08 33 39 00-0077	EA		9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,881.24 675.00 1,100.00 2,750.00 3,300.00 4,950.00	319.49
08 33 39 00-0078	EA		9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,199.42 675.00 1,100.00 2,750.00 3,300.00 4,950.00	327.62
08 33 39 00-0079	EA		9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,705.28 675.00 1,100.00 2,750.00 3,300.00 4,950.00	335.75
08 33 39 00-0080	EA		9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,364.14 675.00 1,100.00 2,750.00 3,300.00 4,950.00	343.88
<b>08 33 39 00-0081</b>			<b>10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 39 00-0064)</small>		
08 33 39 00-0082	EA		10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	13,713.46 675.00 1,100.00 2,750.00 3,300.00 4,950.00	303.22
08 33 39 00-0083	EA		10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,260.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	311.36
08 33 39 00-0084	EA		10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,881.24 675.00 1,100.00 2,750.00 3,300.00 4,950.00	319.49
08 33 39 00-0085	EA		10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,199.42 675.00 1,100.00 2,750.00 3,300.00 4,950.00	327.62
08 33 39 00-0086	EA		10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,705.28 675.00 1,100.00 2,750.00 3,300.00 4,950.00	335.75
08 33 39 00-0087	EA		10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,364.14 675.00 1,100.00 2,750.00 3,300.00 4,950.00	343.88

**08 Openings****08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0088	EA		10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,985.27	352.02
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
<b>08 33 39 00-0089</b>			<b>11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 39 00-0064)		
08 33 39 00-0090	EA		11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,260.12	311.36
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0091	EA		11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,881.24	319.49
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0092	EA		11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,199.42	327.62
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0093	EA		11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,705.28	335.75
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0094	EA		11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,364.14	343.88
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0095	EA		11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,985.27	352.02
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0096	EA		11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	17,680.85	360.15
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
<b>08 33 39 00-0097</b>			<b>12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 39 00-0064)		
08 33 39 00-0098	EA		12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,881.24	319.49
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0099	EA		12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,199.42	327.62
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0100	EA		12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,705.28	335.75
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0101	EA		12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,364.14	343.88
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	



<b>Openings</b>	<b>08</b>
Specialty Doors And Frames	08 30
Coiling Doors And Grilles	08 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0102	EA		12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,985.27 675.00 1,100.00 2,750.00 4,400.00 6,600.00	352.02
08 33 39 00-0103	EA		12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	17,680.85 675.00 1,100.00 2,750.00 4,400.00 6,600.00	360.15
08 33 39 00-0104	EA		12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,176.51 675.00 1,100.00 2,750.00 4,400.00 6,600.00	368.28
<b>08 33 39 00-0105 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)</b>					
08 33 39 00-0106	EA		13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,588.04 675.00 1,100.00 2,750.00 5,480.00 7,370.00	327.62
08 33 39 00-0107	EA		13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,240.78 675.00 1,100.00 2,750.00 5,480.00 7,370.00	335.75
08 33 39 00-0108	EA		13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,858.84 675.00 1,100.00 2,750.00 5,480.00 7,370.00	343.88
08 33 39 00-0109	EA		13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	17,579.93 675.00 1,100.00 2,750.00 5,480.00 7,370.00	352.02
08 33 39 00-0110	EA		13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,297.95 675.00 1,100.00 2,750.00 5,480.00 7,370.00	360.15
08 33 39 00-0111	EA		13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,826.25 675.00 1,100.00 2,750.00 5,480.00 7,370.00	368.28
08 33 39 00-0112	EA		13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,222.97 675.00 1,100.00 2,750.00 5,480.00 7,370.00	376.41
<b>08 33 39 00-0113 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)</b>					
08 33 39 00-0114	EA		14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,240.78 675.00 1,100.00 2,750.00 5,480.00 7,370.00	335.75
08 33 39 00-0115	EA		14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,858.84 675.00 1,100.00 2,750.00 5,480.00 7,370.00	343.88

**08 Openings****08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0116 EA 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	17,579.93 675.00 1,100.00 2,750.00 5,480.00 7,370.00	352.02
08 33 39 00-0117 EA 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,297.95 675.00 1,100.00 2,750.00 5,480.00 7,370.00	360.15
08 33 39 00-0118 EA 14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	18,826.25 675.00 1,100.00 2,750.00 5,480.00 7,370.00	368.28
08 33 39 00-0119 EA 14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,222.97 675.00 1,100.00 2,750.00 5,480.00 7,370.00	376.41
08 33 39 00-0120 EA 14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	19,821.65 675.00 1,100.00 2,750.00 5,480.00 7,370.00	384.54
<b>08 33 39 00-0121 Rytec® Fast-Seal® Door Options</b> (08 33 39 00-0063)		
08 33 39 00-0122 LF Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors ..... Note: Multiply linear foot price x width of door.	30.60	
08 33 39 00-0123 EA Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors .....	306.00	
08 33 39 00-0124 EA >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	510.00	
08 33 39 00-0125 EA >15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	750.00	
08 33 39 00-0126 EA One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	193.80	
08 33 39 00-0127 EA Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	382.50	
08 33 39 00-0128 EA Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	484.50	
08 33 39 00-0129 EA Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	765.00	
08 33 39 00-0130 EA One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	224.40	
08 33 39 00-0131 EA Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	443.70	
08 33 39 00-0132 EA Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	550.80	
08 33 39 00-0133 EA Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	887.40	
<b>08 33 39 00-0134 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)</b> (08 33 39) Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weatherseal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
<b>08 33 39 00-0135 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)</b> (08 33 39 00-0134)		
<b>08 33 39 00-0136 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> (08 33 39 00-0135)		
08 33 39 00-0137 EA 8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	18,025.69	382.62
08 33 39 00-0138 EA 8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	18,552.97	390.75
08 33 39 00-0139 EA 8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	19,080.25	398.88
08 33 39 00-0140 EA 8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	19,607.53	407.01
08 33 39 00-0141 EA 8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	20,134.81	415.15
08 33 39 00-0142 EA 8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	20,662.09	423.28
08 33 39 00-0143 EA 8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	22,210.39	431.41
<b>08 33 39 00-0144 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> (08 33 39 00-0135)		
08 33 39 00-0145 EA 9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) .....	18,552.97	390.75



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0146 EA 9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	19,080.25	398.88
08 33 39 00-0147 EA 9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	19,607.53	407.01
08 33 39 00-0148 EA 9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,134.81	415.15
08 33 39 00-0149 EA 9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,662.09	423.28
08 33 39 00-0150 EA 9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,189.37	431.41
08 33 39 00-0151 EA 9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,737.67	439.54
<b>08 33 39 00-0152 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 39 00-0135)</small>		
08 33 39 00-0153 EA 10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	19,080.25	398.88
08 33 39 00-0154 EA 10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	19,607.53	407.01
08 33 39 00-0155 EA 10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,134.81	415.15
08 33 39 00-0156 EA 10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,662.09	423.28
08 33 39 00-0157 EA 10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,189.37	431.41
08 33 39 00-0158 EA 10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,716.65	439.54
08 33 39 00-0159 EA 10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,264.95	447.67
<b>08 33 39 00-0160 11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 39 00-0135)</small>		
08 33 39 00-0161 EA 11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	19,607.53	407.01
08 33 39 00-0162 EA 11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,134.81	415.15
08 33 39 00-0163 EA 11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,662.09	423.28
08 33 39 00-0164 EA 11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,189.37	431.41
08 33 39 00-0165 EA 11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,716.65	439.54
08 33 39 00-0166 EA 11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,243.93	447.67
08 33 39 00-0167 EA 11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,791.22	455.80
<b>08 33 39 00-0168 12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 39 00-0135)</small>		
08 33 39 00-0169 EA 12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,134.81	415.15
08 33 39 00-0170 EA 12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,662.09	423.28
08 33 39 00-0171 EA 12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,189.37	431.41
08 33 39 00-0172 EA 12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,716.65	439.54
08 33 39 00-0173 EA 12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,243.93	447.67
08 33 39 00-0174 EA 12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,771.22	455.80
08 33 39 00-0175 EA 12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,319.52	463.93
<b>08 33 39 00-0176 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 39 00-0135)</small>		
08 33 39 00-0177 EA 13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,662.09	423.28
08 33 39 00-0178 EA 13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,189.37	431.41
08 33 39 00-0179 EA 13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,716.65	439.54
08 33 39 00-0180 EA 13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,243.93	447.67
08 33 39 00-0181 EA 13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,771.22	455.80
08 33 39 00-0182 EA 13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,298.50	463.93
08 33 39 00-0183 EA 13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,846.80	472.06
<b>08 33 39 00-0184 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 39 00-0135)</small>		
08 33 39 00-0185 EA 14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,210.39	431.41
08 33 39 00-0186 EA 14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,737.67	439.54
08 33 39 00-0187 EA 14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,264.95	447.67
08 33 39 00-0188 EA 14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,791.22	455.80
08 33 39 00-0189 EA 14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,319.52	463.93
08 33 39 00-0190 EA 14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,846.80	472.06
08 33 39 00-0191 EA 14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,368.98	480.19
<b>08 33 39 00-0192 Rytec® Spiral® Door Options</b> <small>(08 33 39 00-0134)</small>		
08 33 39 00-0193 EA Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Per door price.	306.00	
08 33 39 00-0194 EA Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	204.00	
08 33 39 00-0195 EA >13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors..... Note: Maximum of 4 per door.	306.00	
08 33 39 00-0196 EA Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors .....	557.83	23.92
08 33 39 00-0197 EA Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors .....	1,625.65	47.83
08 33 39 00-0198 EA >13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	2,951.65	47.83
08 33 39 00-0199 EA >16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	3,359.65	47.83
<b>08 33 39 00-0200 Activation And Control Box Options For High Speed Doors</b> <small>(08 33 39)</small>		
08 33 39 00-0201 EA Pull Cord For High-Speed Rolling Doors .....	124.33	23.92

**08 Openings****08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0202	EA		Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	100.42	11.95
08 33 39 00-0203	EA		NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	125.92	11.95
08 33 39 00-0204	EA		On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	136.12	11.95
08 33 39 00-0205	EA		Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	253.42	11.95
08 33 39 00-0206	EA		Radio Control For High-Speed Rolling Doors.....	377.74	21.52
			Note: Includes one receiver and two transmitters.		
08 33 39 00-0207	EA		Floor Loop For High-Speed Rolling Doors.....	473.39	
			Note: Excludes sealant.		
08 33 39 00-0208	EA		Reflective Type Photo Eye For High-Speed Rolling Doors.....	321.74	21.52
08 33 39 00-0209	EA		Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	428.74	21.52
08 33 39 00-0210	EA		Motion Detector For High-Speed Rolling Doors.....	385.70	14.35
08 33 39 00-0211	EA		Remote Warning Horn For High-Speed Rolling Doors.....	251.83	23.92
			Note: Includes wall box and mounting hardware.		
08 33 39 00-0212	EA		Remote Strobe Light For High-Speed Rolling Doors.....	353.83	23.92
			Note: Includes wall box and mounting hardware.		
08 33 39 00-0213	EA		Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	404.83	23.92
			Note: Includes wall box and mounting hardware.		
08 33 39 00-0214	EA		Red And Green Red Light For High-Speed Rolling Doors.....	506.83	23.92
			Note: Includes mounting hardware.		

**08 34 Special Function Doors (08 30)****08 34 13 Cold Storage Doors (08 34)****08 34 13 00-0001 Vertical Sliding Doors (08 34 13)**

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0002	EA		7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	5,704.33	549.17
			For Adjusting Height Of Door To Fit Opening <7' Height, Add	274.05	
08 34 13 00-0003	EA		7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" F.I.P. Polyurethane.....	7,322.51	697.19
			For Adjusting Height Of Door To Fit Opening <7' Height, Add	348.59	

**08 34 13 00-0004 Horizontal Sliding Doors (08 34 13)**

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0005	EA		6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	4,584.10	438.59
08 34 13 00-0006	EA		7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	5,165.07	494.58
08 34 13 00-0007	EA		7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	6,668.25	651.80
08 34 13 00-0008	EA		5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	3,983.26	398.51

**08 34 13 00-0009 Horizontal Hinge Type (08 34 13)**

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0010	EA		3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" F.I.P. Polyurethane.....	2,698.89	259.21
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**08 34 23 Sidewalk and Basement Doors (08 34)****08 34 23 00-0001 Drainage Doors (08 34 23)****08 34 23 00-0002 Single Leaf Aluminum Drainage Doors (08 34 23 00-0001)**

Note: Bilco - J Series.

08 34 23 00-0003	EA		2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	886.40	85.18
08 34 23 00-0004	EA		2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,108.92	89.01
08 34 23 00-0005	EA		3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,181.91	90.92
08 34 23 00-0006	EA		3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,312.29	92.83
08 34 23 00-0007	EA		3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,542.61	97.62
08 34 23 00-0008	EA		2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,577.52	95.37
08 34 23 00-0009	EA		3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,765.75	97.62
08 34 23 00-0010	EA		2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,845.62	99.86
08 34 23 00-0011	EA		3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,033.86	102.12
08 34 23 00-0012	EA		3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,374.00	107.85

**08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)**

Note: Bilco - JD Series.

08 34 23 00-0014	EA		4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,896.30	95.37
08 34 23 00-0015	EA		4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,989.23	102.12
08 34 23 00-0016	EA		4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,542.00	113.59
08 34 23 00-0017	EA		5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,618.51	113.59

**08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)**

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA		2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,479.33	85.18
08 34 23 00-0020	EA		2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,740.10	89.01
08 34 23 00-0021	EA		3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,902.37	90.92
08 34 23 00-0022	EA		3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,166.64	92.83
08 34 23 00-0023	EA		3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,518.09	97.62

**08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)**

Note: Bilco - JD H2O Series.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0025 EA 4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	2,521.11	95.37
08 34 23 00-0026 EA 4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	3,404.62	102.12
08 34 23 00-0027 EA 4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	4,881.85	113.59
08 34 23 00-0028 EA 5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	4,588.57	113.59
<b>08 34 23 00-0029 Single Leaf Steel Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - J Series.		
08 34 23 00-0030 EA 2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door .....	1,024.27	85.18
08 34 23 00-0031 EA 2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,076.51	89.01
08 34 23 00-0032 EA 3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,205.55	90.92
08 34 23 00-0033 EA 3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,341.25	92.83
08 34 23 00-0034 EA 3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,567.58	97.62
08 34 23 00-0035 EA 2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,491.18	95.37
08 34 23 00-0036 EA 3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,707.04	97.62
08 34 23 00-0037 EA 2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,697.12	99.86
08 34 23 00-0038 EA 3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,899.71	102.12
08 34 23 00-0039 EA 3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,027.86	107.85
<b>08 34 23 00-0040 Double Leaf Steel Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - JD Series.		
08 34 23 00-0041 EA 4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,849.81	95.37
08 34 23 00-0042 EA 4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	1,939.56	102.12
08 34 23 00-0043 EA 4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,428.30	113.59
08 34 23 00-0044 EA 5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,501.36	113.59
<b>08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - J H2O Series.		
08 34 23 00-0046 EA 2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	1,794.65	85.18
08 34 23 00-0047 EA 2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	1,900.02	89.01
08 34 23 00-0048 EA 3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	1,969.31	90.92
08 34 23 00-0049 EA 3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	2,330.81	92.83
08 34 23 00-0050 EA 3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	2,756.38	97.62
<b>08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - JD H2O Series.		
08 34 23 00-0052 EA 4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	3,045.24	95.37
08 34 23 00-0053 EA 4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	3,407.27	102.12
08 34 23 00-0054 EA 4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	5,091.45	113.59
08 34 23 00-0055 EA 5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	4,958.62	113.59
<b>08 34 23 00-0056 Single Leaf Aluminum Drainage Door</b> (08 34 23 00-0001) Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057 EA 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	843.60	85.18
08 34 23 00-0058 EA 2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	1,006.78	89.01
08 34 23 00-0059 EA 3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	1,069.40	90.92
08 34 23 00-0060 EA 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	1,133.17	92.83
08 34 23 00-0061 EA 3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	1,285.13	97.62
<b>08 34 23 00-0062 Non-Drainage Doors</b> (08 34 23)		
<b>08 34 23 00-0063 Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - Q Series.		
08 34 23 00-0064 EA 2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	848.18	85.18
08 34 23 00-0065 EA 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,045.16	89.01
08 34 23 00-0066 EA 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,124.56	90.92
08 34 23 00-0067 EA 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,172.05	92.83
08 34 23 00-0068 EA 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,497.98	97.62
08 34 23 00-0069 EA 2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,341.63	95.37
08 34 23 00-0070 EA 3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,510.73	97.62
08 34 23 00-0071 EA 2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,705.30	99.86
08 34 23 00-0072 EA 3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,810.75	102.12
08 34 23 00-0073 EA 3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	2,068.10	107.85
<b>08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - K Series.		
08 34 23 00-0075 EA 2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	676.04	85.18
08 34 23 00-0076 EA 2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	828.39	89.01
08 34 23 00-0077 EA 3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	926.91	90.92
08 34 23 00-0078 EA 3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	993.53	92.83
08 34 23 00-0079 EA 3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,166.45	97.62
<b>08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - QD Series.		

**08 Openings****08 30 Specialty Doors And Frames****08 34 Special Function Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0081	EA		4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,736.92	95.37
<b>08 34 23 00-0082</b>			<b>Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - KD Series.		
08 34 23 00-0083	EA		4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,651.36	102.12
08 34 23 00-0084	EA		4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	2,357.16	113.59
08 34 23 00-0085	EA		5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	2,408.17	113.59
<b>08 34 23 00-0086</b>			<b>Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - T Series.		
08 34 23 00-0087	EA		2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	752.55	85.18
08 34 23 00-0088	EA		2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	892.15	89.01
08 34 23 00-0089	EA		3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	958.79	90.92
08 34 23 00-0090	EA		3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	1,057.29	92.83
08 34 23 00-0091	EA		3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	1,249.33	97.62
<b>08 34 23 00-0092</b>			<b>Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - TD Series.		
08 34 23 00-0093	EA		4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	1,759.74	102.12
08 34 23 00-0094	EA		4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	2,491.05	113.59
08 34 23 00-0095	EA		5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering .....	2,529.30	113.59
<b>08 34 23 00-0096</b>			<b>Single Leaf Steel Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - Q Series.		
08 34 23 00-0097	EA		2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door .....	678.96	85.18
08 34 23 00-0098	EA		2' 6" x 2' 6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door .....	764.37	89.01
08 34 23 00-0099	EA		3' x 2' 6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door .....	866.88	90.92
08 34 23 00-0100	EA		3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door .....	922.87	92.83
08 34 23 00-0101	EA		2' 6" x 4' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door .....	1,062.33	92.83
<b>08 34 23 00-0102</b>			<b>Double Leaf Steel Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - QD Series.		
08 34 23 00-0103	EA		4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door .....	1,431.41	95.37
<b>08 34 23 00-0104</b>			<b>Basement Doors</b> (08 34 23) Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105	EA		45'-1/4" Wide x 65'-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series) .....	891.29	107.61
08 34 23 00-0106	EA		30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series) .....	767.45	81.55
08 34 23 00-0107	EA		22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series) .....	793.02	89.68
08 34 23 00-0108	EA		19'-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series) .....	847.48	95.65
08 34 23 00-0109	EA		52" High x 51" Wide x 43'-1/4" Long, Basement Door (Bilco Classic Series) .....	936.48	107.61
<b>08 34 53 Security Doors And Frames</b> (08 34)					
<b>08 34 53 00-0001</b>			<b>Metal Security Doors</b> (08 34 53) Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0002	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) .....	635.05	51.89
			Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0003	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) .....	635.05	51.89
			Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0004	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) .....	900.70	51.89
			Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
<b>08 34 56 Security Gates</b> (08 34)					
<b>08 34 56 00-0001</b>			<b>Pivoting Double Folding Gate</b> (08 34 56) Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA		6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	620.46	91.07
08 34 56 00-0003	EA		8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	696.36	102.45
08 34 56 00-0004	EA		8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate .....	745.69	113.84
08 34 56 00-0005	EA		8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate .....	821.58	125.22
08 34 56 00-0006	EA		10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	715.66	92.21
08 34 56 00-0007	EA		10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate .....	765.08	103.60
08 34 56 00-0008	EA		10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	838.67	114.98
08 34 56 00-0009	EA		10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate .....	890.53	126.36
08 34 56 00-0010	EA		12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate .....	757.78	93.35
08 34 56 00-0011	EA		12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	807.07	104.73
08 34 56 00-0012	EA		12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate .....	851.70	110.42
08 34 56 00-0013	EA		12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	896.44	116.12
08 34 56 00-0014	EA		12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate .....	952.43	127.50
08 34 56 00-0015	EA		14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate .....	839.78	94.48
08 34 56 00-0016	EA		14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate .....	888.96	105.87
08 34 56 00-0017	EA		14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate .....	940.20	111.56





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0018 EA 14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,005.10	117.25
08 34 56 00-0019 EA 14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,094.07	128.63
08 34 56 00-0020 EA 16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	963.94	96.76
08 34 56 00-0021 EA 16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,028.63	109.29
08 34 56 00-0022 EA 16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,108.67	116.12
08 34 56 00-0023 EA 16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,155.83	119.53
<b>08 34 56 00-0024 Pivoting Single Folding Gate (08 34 56)</b>		
Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025 EA 5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	419.73	63.74
08 34 56 00-0026 EA 5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	450.84	66.02
08 34 56 00-0027 EA 5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	481.95	68.30
08 34 56 00-0028 EA 5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	517.64	72.86
08 34 56 00-0029 EA 5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	540.02	77.41
08 34 56 00-0030 EA 6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	450.77	66.02
08 34 56 00-0031 EA 6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	481.98	68.30
08 34 56 00-0032 EA 6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	513.10	70.58
08 34 56 00-0033 EA 6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	548.77	75.14
08 34 56 00-0034 EA 6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	571.25	79.69
08 34 56 00-0035 EA 7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	495.16	68.30
08 34 56 00-0036 EA 7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	526.38	70.58
08 34 56 00-0037 EA 7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	557.47	72.86
08 34 56 00-0038 EA 7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	593.20	77.41
08 34 56 00-0039 EA 7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	628.98	81.96
<b>08 34 56 00-0040 Window Gates, Expands From 2' To 4' (08 34 56)</b>		
Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041 EA 33" High Window Gate, Up To 4' Wide Opening.....	171.33	25.05
08 34 56 00-0042 EA 37" High Window Gate, Up To 4' Wide Opening.....	175.89	27.32
08 34 56 00-0043 EA 40" High Window Gate, Up To 4' Wide Opening.....	175.89	27.32
08 34 56 00-0044 EA 43" High Window Gate, Up To 4' Wide Opening.....	180.97	29.59
08 34 56 00-0045 EA 46" High Window Gate, Up To 4' Wide Opening.....	180.97	29.59
08 34 56 00-0046 EA 49" High Window Gate, Up To 4' Wide Opening.....	185.52	31.87
08 34 56 00-0047 EA 51" High Window Gate, Up To 4' Wide Opening.....	185.52	31.87
08 34 56 00-0048 EA 53" High Window Gate, Up To 4' Wide Opening.....	190.07	34.15
08 34 56 00-0049 EA 55" High Window Gate, Up To 4' Wide Opening.....	190.07	34.15
08 34 56 00-0050 EA 57" High Window Gate, Up To 4' Wide Opening.....	194.63	36.43
08 34 56 00-0051 EA 59" High Window Gate, Up To 4' Wide Opening.....	194.63	36.43
<b>08 34 56 00-0052 Pivoting Door Gate, Expands From 2' To 4' (08 34 56)</b>		
Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053 EA 61" High Pivoting Door Gate, Up To 4' Wide Opening.....	199.18	38.71
08 34 56 00-0054 EA 63" High Pivoting Door Gate, Up To 4' Wide Opening.....	200.80	38.71
08 34 56 00-0055 EA 66" High Pivoting Door Gate, Up To 4' Wide Opening.....	207.51	40.98
08 34 56 00-0056 EA 71" High Pivoting Door Gate, Up To 4' Wide Opening.....	214.21	43.26
08 34 56 00-0057 EA 73" High Pivoting Door Gate, Up To 4' Wide Opening.....	216.36	43.26
08 34 56 00-0058 EA 76" High Pivoting Door Gate, Up To 4' Wide Opening.....	223.07	45.53
08 34 56 00-0059 EA 79" High Pivoting Door Gate, Up To 4' Wide Opening.....	225.22	45.53
08 34 56 00-0060 EA 81" High Pivoting Door Gate, Up To 4' Wide Opening.....	231.27	47.81
08 34 56 00-0061 EA 83" High Pivoting Door Gate, Up To 4' Wide Opening.....	234.09	47.81
<b>08 34 73 Sound Control Door Assemblies (08 34)</b>		
08 34 73 00-0001 Acoustical Doors And Frames (08 34 73)		
08 34 73 00-0002 Steel Acoustical Doors And Frames (08 34 73 00-0001)		
Note: Includes seals.		
08 34 73 00-0003 Steel Acoustical Doors (08 34 73 00-0002)		
Note: Includes hinges.		
08 34 73 00-0004 EA 3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	1,989.79	28.70
For 60 Minutes Fire Rated, Add		116.72
For 3" x 33" Vision Lite, Add		811.07
For 20" x 64" Vision Lite, Add		867.93
08 34 73 00-0005 EA 3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated).....	2,108.91	29.89
For 60 Minutes Fire Rated, Add		116.72
For 3" x 33" Vision Lite, Add		811.07
For 20" x 64" Vision Lite, Add		867.93
08 34 73 00-0006 EA 4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated).....	2,230.41	32.28
For 60 Minutes Fire Rated, Add		116.72
For 3" x 33" Vision Lite, Add		811.07
For 20" x 64" Vision Lite, Add		867.93
08 34 73 00-0007 PR Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated).....	3,973.83	54.53
For 1 Hour Fire Rated, Add		233.44
For 3" x 33" Windows, Add		1,622.14
For 20" x 64" Windows, Add		1,735.86
08 34 73 00-0008 Steel Acoustical Door Frames (08 34 73 00-0002)		

<b>08</b>	<b>Openings</b>
<b>08 30</b>	<b>Specialty Doors And Frames</b>
<b>08 34</b>	<b>Special Function Doors</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 00-0009	EA		3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,610.04	47.83
08 34 73 00-0010	EA		3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,652.94	47.83
08 34 73 00-0011	EA		3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,695.84	47.83
08 34 73 00-0012	EA		3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,738.74	47.83
08 34 73 00-0013	EA		3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,843.08	52.62
08 34 73 00-0014	EA		3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,890.97	52.62
08 34 73 00-0015	EA		3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,933.86	52.62
08 34 73 00-0016	EA		3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	1,987.07	52.62
08 34 73 00-0017	EA		4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	2,082.30	55.00
08 34 73 00-0018	EA		4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	2,125.20	55.00
08 34 73 00-0019	EA		4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	2,168.10	55.00
08 34 73 00-0020	EA		4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	2,215.98	55.00
08 34 73 00-0021	EA		6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,713.80	62.17
08 34 73 00-0022	EA		6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,754.70	62.17
08 34 73 00-0023	EA		6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,798.60	62.17
08 34 73 00-0024	EA		6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,843.49	62.17
08 34 73 00-0025			<b>Wood Acoustical Door Systems, Prefinished</b> (08 34 73 00-0001) Note: Includes the door, frame, hinges and seals.		
08 34 73 00-0026	EA		3' x 7', STC 41, Wood Acoustical Door System (Unrated) .....	1,945.73	86.09
08 34 73 00-0027	EA		3' x 7', STC 49, Wood Acoustical Door System (Unrated) .....	2,693.95	86.09
08 35			<b>Folding Doors And Grilles</b> (08 30)		
08 35 13			<b>Folding Doors</b> (08 35)		
08 35 13 13			<b>Accordion Folding Doors</b> (08 35 13)		
08 35 13 13-0001			<b>Accordion Folding Doors</b> (08 35 13 13) Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF		Vinyl Covered Steel Accordion Doors, Two Layers.....	12.52	4.78
			For Fire Retardant, Add .....	2.05	
08 35 13 13-0003	SF		Woven Mahogany/Vinyl Accordion Door.....	8.62	4.78
			For Fire Retardant, Add .....	1.08	
08 35 13 13-0004	SF		Economy Vinyl Accordion Door.....	8.52	4.78
			For Fire Retardant, Add .....	1.05	
08 35 13 13-0005	SF		Rigid Polyvinyl Chloride (PVC) Accordion Door .....	9.95	4.78
			For Fire Retardant, Add .....	1.41	
08 36			<b>Panel Doors</b> (08 30)		
08 36 13			<b>Sectional Doors</b> (08 36)		
08 36 13 00-0001			<b>Sectional Wood Overhead Doors</b> (08 36 13)		
08 36 13 00-0002			<b>Wood Sectional Overhead Doors</b> (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA		8' x 8', Wood Sectional Door, Manual Lift .....	1,772.01	191.31
08 36 13 00-0004	EA		10' x 10', Wood Sectional Door, Manual Lift .....	2,246.79	212.35
08 36 13 00-0005	EA		12' x 12', Wood Sectional Door, Manual Lift .....	2,895.58	254.44
08 36 13 00-0006	EA		14' x 14', Wood Sectional Door, Manual Lift .....	4,298.50	294.62
08 36 13 00-0007	EA		12' x 16', Wood Sectional Door, Manual Lift .....	4,504.62	382.62
08 36 13 00-0008	EA		20' x 8', Wood Sectional Door, Manual Lift .....	4,096.11	478.28
08 36 13 00-0009	EA		20' x 16', Wood Sectional Door, Manual Lift .....	7,879.57	637.55
08 36 13 00-0010			<b>Residential Grade, Wood Sectional Overhead Doors</b> (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0011	EA		9' x 7', Residential Grade, Wood Sectional Door, Manual Lift.....	920.05	95.65
			For Hardboard Face, Add .....	115.00	
			For Insulation, Add .....	117.00	
			For Motor Operator With Remote Controls, Add .....	319.03	
			For Each Glass Vision Panel In Door, Add .....	50.00	
08 36 13 00-0012	EA		16' x 7', Residential Grade, Wood Sectional Door, Manual Lift.....	1,522.20	95.65
			For Hardboard Face, Add .....	115.00	
			For Insulation, Add .....	117.00	
			For Motor Operator With Remote Controls, Add .....	333.25	
			For Each Glass Vision Panel In Door, Add .....	50.00	
08 36 13 00-0013			<b>Sectional Metal Overhead Doors</b> (08 36 13) Note: Includes tracks and all hardware.		
08 36 13 00-0014			<b>Galvanized Steel Sectional Overhead Doors</b> (08 36 13 00-0013)		
08 36 13 00-0015			<b>Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors</b> (08 36 13 00-0014) Note: Includes 2" door, tracks and hardware. Excludes frame.		



	<b>Openings 08</b>
	<b>Specialty Doors And Frames 08 30</b>
	<b>Panel Doors 08 36</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0016	EA		8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	814.00	167.39
			<i>For 20 Gauge Steel Door, Add</i>	69.48	
			<i>For 16 Gauge Steel Door, Add</i>	119.80	
			<i>For Aluminum, Mill Finish, Add</i>	54.63	
			<i>For Aluminum, Anodized Finish, Add</i>	152.86	
08 36 13 00-0017	EA		8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	961.12	191.31
			<i>For 20 Gauge Steel Door, Add</i>	83.88	
			<i>For 16 Gauge Steel Door, Add</i>	144.63	
			<i>For Aluminum, Mill Finish, Add</i>	65.95	
			<i>For Aluminum, Anodized Finish, Add</i>	184.54	
08 36 13 00-0018	EA		8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,185.58	239.14
			<i>For 20 Gauge Steel Door, Add</i>	102.56	
			<i>For 16 Gauge Steel Door, Add</i>	176.83	
			<i>For Aluminum, Mill Finish, Add</i>	80.63	
			<i>For Aluminum, Anodized Finish, Add</i>	225.63	
08 36 13 00-0019	EA		10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	916.90	191.31
			<i>For 20 Gauge Steel Door, Add</i>	77.47	
			<i>For 16 Gauge Steel Door, Add</i>	133.57	
			<i>For Aluminum, Mill Finish, Add</i>	60.91	
			<i>For Aluminum, Anodized Finish, Add</i>	170.44	
08 36 13 00-0020	EA		10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,128.94	239.14
			<i>For 20 Gauge Steel Door, Add</i>	94.35	
			<i>For 16 Gauge Steel Door, Add</i>	162.67	
			<i>For Aluminum, Mill Finish, Add</i>	74.18	
			<i>For Aluminum, Anodized Finish, Add</i>	207.56	
08 36 13 00-0021	EA		10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,417.51	310.88
			<i>For 20 Gauge Steel Door, Add</i>	115.38	
			<i>For 16 Gauge Steel Door, Add</i>	198.94	
			<i>For Aluminum, Mill Finish, Add</i>	90.72	
			<i>For Aluminum, Anodized Finish, Add</i>	253.84	
08 36 13 00-0022	EA		10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,671.19	382.62
			<i>For 20 Gauge Steel Door, Add</i>	131.36	
			<i>For 16 Gauge Steel Door, Add</i>	226.49	
			<i>For Aluminum, Mill Finish, Add</i>	103.28	
			<i>For Aluminum, Anodized Finish, Add</i>	288.99	
08 36 13 00-0023	EA		12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,091.71	239.14
			<i>For 20 Gauge Steel Door, Add</i>	88.95	
			<i>For 16 Gauge Steel Door, Add</i>	153.36	
			<i>For Aluminum, Mill Finish, Add</i>	69.93	
			<i>For Aluminum, Anodized Finish, Add</i>	195.68	
08 36 13 00-0024	EA		12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,361.65	310.88
			<i>For 20 Gauge Steel Door, Add</i>	107.28	
			<i>For 16 Gauge Steel Door, Add</i>	184.97	
			<i>For Aluminum, Mill Finish, Add</i>	84.35	
			<i>For Aluminum, Anodized Finish, Add</i>	236.02	
08 36 13 00-0025	EA		12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,661.09	382.62
			<i>For 20 Gauge Steel Door, Add</i>	129.90	
			<i>For 16 Gauge Steel Door, Add</i>	223.96	
			<i>For Aluminum, Mill Finish, Add</i>	102.13	
			<i>For Aluminum, Anodized Finish, Add</i>	285.77	
08 36 13 00-0026	EA		12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,958.97	454.37
			<i>For 20 Gauge Steel Door, Add</i>	152.29	
			<i>For 16 Gauge Steel Door, Add</i>	262.56	
			<i>For Aluminum, Mill Finish, Add</i>	119.73	
			<i>For Aluminum, Anodized Finish, Add</i>	335.03	
08 36 13 00-0027	EA		12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,335.72	550.02
			<i>For 20 Gauge Steel Door, Add</i>	179.18	
			<i>For 16 Gauge Steel Door, Add</i>	308.92	
			<i>For Aluminum, Mill Finish, Add</i>	140.87	
			<i>For Aluminum, Anodized Finish, Add</i>	394.19	
08 36 13 00-0028	EA		14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,287.95	310.88
			<i>For 20 Gauge Steel Door, Add</i>	96.60	
			<i>For 16 Gauge Steel Door, Add</i>	166.55	
			<i>For Aluminum, Mill Finish, Add</i>	75.95	
			<i>For Aluminum, Anodized Finish, Add</i>	212.51	
08 36 13 00-0029	EA		14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,584.28	382.62
			<i>For 20 Gauge Steel Door, Add</i>	118.76	
			<i>For 16 Gauge Steel Door, Add</i>	204.76	
			<i>For Aluminum, Mill Finish, Add</i>	93.37	
			<i>For Aluminum, Anodized Finish, Add</i>	261.27	
08 36 13 00-0030	EA		14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,953.27	478.28
			<i>For 20 Gauge Steel Door, Add</i>	144.52	
			<i>For 16 Gauge Steel Door, Add</i>	249.18	
			<i>For Aluminum, Mill Finish, Add</i>	113.62	
			<i>For Aluminum, Anodized Finish, Add</i>	317.95	
08 36 13 00-0031	EA		14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,252.70	550.02
			<i>For 20 Gauge Steel Door, Add</i>	167.14	
			<i>For 16 Gauge Steel Door, Add</i>	288.17	
			<i>For Aluminum, Mill Finish, Add</i>	131.40	
			<i>For Aluminum, Anodized Finish, Add</i>	367.70	
08 36 13 00-0032	EA		14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,593.26	621.76
			<i>For 20 Gauge Steel Door, Add</i>	195.71	
			<i>For 16 Gauge Steel Door, Add</i>	337.44	
			<i>For Aluminum, Mill Finish, Add</i>	153.87	
			<i>For Aluminum, Anodized Finish, Add</i>	430.57	

**08 Openings****08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0033	EA		16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	1,557.12	382.62
			<i>For 20 Gauge Steel Door, Add</i>	114.82	
			<i>For 16 Gauge Steel Door, Add</i>	197.97	
			<i>For Aluminum, Mill Finish, Add</i>	90.27	
			<i>For Aluminum, Anodized Finish, Add</i>	252.61	
08 36 13 00-0034	EA		16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	1,924.56	478.28
			<i>For 20 Gauge Steel Door, Add</i>	140.36	
			<i>For 16 Gauge Steel Door, Add</i>	242.00	
			<i>For Aluminum, Mill Finish, Add</i>	110.35	
			<i>For Aluminum, Anodized Finish, Add</i>	308.79	
08 36 13 00-0035	EA		16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,267.43	550.02
			<i>For 20 Gauge Steel Door, Add</i>	169.27	
			<i>For 16 Gauge Steel Door, Add</i>	291.85	
			<i>For Aluminum, Mill Finish, Add</i>	133.08	
			<i>For Aluminum, Anodized Finish, Add</i>	372.40	
08 36 13 00-0036	EA		16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,709.64	621.76
			<i>For 20 Gauge Steel Door, Add</i>	212.59	
			<i>For 16 Gauge Steel Door, Add</i>	366.53	
			<i>For Aluminum, Mill Finish, Add</i>	167.14	
			<i>For Aluminum, Anodized Finish, Add</i>	467.69	
08 36 13 00-0037	EA		16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,157.78	717.41
			<i>For 20 Gauge Steel Door, Add</i>	249.83	
			<i>For 16 Gauge Steel Door, Add</i>	430.74	
			<i>For Aluminum, Mill Finish, Add</i>	196.42	
			<i>For Aluminum, Anodized Finish, Add</i>	549.62	
08 36 13 00-0038	EA		18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	1,984.31	478.28
			<i>For 20 Gauge Steel Door, Add</i>	149.02	
			<i>For 16 Gauge Steel Door, Add</i>	256.94	
			<i>For Aluminum, Mill Finish, Add</i>	117.16	
			<i>For Aluminum, Anodized Finish, Add</i>	327.85	
08 36 13 00-0039	EA		18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,374.51	550.02
			<i>For 20 Gauge Steel Door, Add</i>	184.80	
			<i>For 16 Gauge Steel Door, Add</i>	318.62	
			<i>For Aluminum, Mill Finish, Add</i>	145.29	
			<i>For Aluminum, Anodized Finish, Add</i>	406.56	
08 36 13 00-0040	EA		18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,880.34	621.76
			<i>For 20 Gauge Steel Door, Add</i>	237.34	
			<i>For 16 Gauge Steel Door, Add</i>	409.21	
			<i>For Aluminum, Mill Finish, Add</i>	186.60	
			<i>For Aluminum, Anodized Finish, Add</i>	522.15	
08 36 13 00-0041	EA		18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,329.25	717.41
			<i>For 20 Gauge Steel Door, Add</i>	274.69	
			<i>For 16 Gauge Steel Door, Add</i>	473.60	
			<i>For Aluminum, Mill Finish, Add</i>	215.96	
			<i>For Aluminum, Anodized Finish, Add</i>	604.32	
08 36 13 00-0042	EA		18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,826.28	813.07
			<i>For 20 Gauge Steel Door, Add</i>	319.02	
			<i>For 16 Gauge Steel Door, Add</i>	550.03	
			<i>For Aluminum, Mill Finish, Add</i>	250.81	
			<i>For Aluminum, Anodized Finish, Add</i>	701.84	
08 36 13 00-0043	EA		20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,252.70	550.02
			<i>For 20 Gauge Steel Door, Add</i>	167.14	
			<i>For 16 Gauge Steel Door, Add</i>	288.17	
			<i>For Aluminum, Mill Finish, Add</i>	131.40	
			<i>For Aluminum, Anodized Finish, Add</i>	367.70	
08 36 13 00-0044	EA		20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,642.92	621.76
			<i>For 20 Gauge Steel Door, Add</i>	202.91	
			<i>For 16 Gauge Steel Door, Add</i>	349.85	
			<i>For Aluminum, Mill Finish, Add</i>	159.53	
			<i>For Aluminum, Anodized Finish, Add</i>	446.41	
08 36 13 00-0045	EA		20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,269.51	717.41
			<i>For 20 Gauge Steel Door, Add</i>	266.03	
			<i>For 16 Gauge Steel Door, Add</i>	458.67	
			<i>For Aluminum, Mill Finish, Add</i>	209.15	
			<i>For Aluminum, Anodized Finish, Add</i>	585.26	
08 36 13 00-0046	EA		20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,718.43	813.07
			<i>For 20 Gauge Steel Door, Add</i>	303.38	
			<i>For 16 Gauge Steel Door, Add</i>	523.07	
			<i>For Aluminum, Mill Finish, Add</i>	238.52	
			<i>For Aluminum, Anodized Finish, Add</i>	667.43	
08 36 13 00-0047	EA		20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	4,606.49	908.72
			<i>For 20 Gauge Steel Door, Add</i>	404.41	
			<i>For 16 Gauge Steel Door, Add</i>	697.26	
			<i>For Aluminum, Mill Finish, Add</i>	317.95	
			<i>For Aluminum, Anodized Finish, Add</i>	889.70	
08 36 13 00-0048	EA		22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	2,506.36	621.76
			<i>For 20 Gauge Steel Door, Add</i>	183.11	
			<i>For 16 Gauge Steel Door, Add</i>	315.71	
			<i>For Aluminum, Mill Finish, Add</i>	143.96	
			<i>For Aluminum, Anodized Finish, Add</i>	402.85	
08 36 13 00-0049	EA		22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	3,102.70	717.41
			<i>For 20 Gauge Steel Door, Add</i>	241.84	
			<i>For 16 Gauge Steel Door, Add</i>	416.97	
			<i>For Aluminum, Mill Finish, Add</i>	190.14	
			<i>For Aluminum, Anodized Finish, Add</i>	532.05	



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Panel Doors	08 36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0050	EA		22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,683.52	813.07
			<i>For 20 Gauge Steel Door, Add</i>	298.32	
			<i>For 16 Gauge Steel Door, Add</i>	514.34	
			<i>For Aluminum, Mill Finish, Add</i>	234.54	
			<i>For Aluminum, Anodized Finish, Add</i>	656.30	
08 36 13 00-0051	EA		22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,355.88	908.72
			<i>For 20 Gauge Steel Door, Add</i>	368.07	
			<i>For 16 Gauge Steel Door, Add</i>	634.60	
			<i>For Aluminum, Mill Finish, Add</i>	289.38	
			<i>For Aluminum, Anodized Finish, Add</i>	809.75	
08 36 13 00-0052	EA		24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,915.72	1,004.39
			<i>For 20 Gauge Steel Door, Add</i>	421.51	
			<i>For 16 Gauge Steel Door, Add</i>	726.74	
			<i>For Aluminum, Mill Finish, Add</i>	331.39	
			<i>For Aluminum, Anodized Finish, Add</i>	927.32	
08 36 13 00-0053	EA		24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,772.95	717.41
			<i>For 20 Gauge Steel Door, Add</i>	194.03	
			<i>For 16 Gauge Steel Door, Add</i>	334.53	
			<i>For Aluminum, Mill Finish, Add</i>	152.54	
			<i>For Aluminum, Anodized Finish, Add</i>	426.86	
08 36 13 00-0054	EA		24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,393.33	813.07
			<i>For 20 Gauge Steel Door, Add</i>	256.24	
			<i>For 16 Gauge Steel Door, Add</i>	441.79	
			<i>For Aluminum, Mill Finish, Add</i>	201.46	
			<i>For Aluminum, Anodized Finish, Add</i>	563.73	
08 36 13 00-0055	EA		24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,147.94	908.72
			<i>For 20 Gauge Steel Door, Add</i>	337.92	
			<i>For 16 Gauge Steel Door, Add</i>	582.62	
			<i>For Aluminum, Mill Finish, Add</i>	265.67	
			<i>For Aluminum, Anodized Finish, Add</i>	743.42	
08 36 13 00-0056	EA		24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,639.51	1,004.39
			<i>For 20 Gauge Steel Door, Add</i>	381.46	
			<i>For 16 Gauge Steel Door, Add</i>	657.69	
			<i>For Aluminum, Mill Finish, Add</i>	299.90	
			<i>For Aluminum, Anodized Finish, Add</i>	839.21	
08 36 13 00-0057	EA		24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,213.33	1,100.04
			<i>For 20 Gauge Steel Door, Add</i>	436.92	
			<i>For 16 Gauge Steel Door, Add</i>	753.31	
			<i>For Aluminum, Mill Finish, Add</i>	343.51	
			<i>For Aluminum, Anodized Finish, Add</i>	961.23	
<b>08 36 13 00-0058</b>			<b>Insulated, 24 Gauge Galvanized Steel Sectional Doors</b> <small>(08 36 13 00-0014)</small>		
			Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.		
08 36 13 00-0059	EA		8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,042.33	167.39
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	35.38	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	155.66	
			<i>For Aluminum, Mill Finish, Add</i>	80.66	
			<i>For Aluminum, Anodized Finish, Add</i>	225.70	
08 36 13 00-0060	EA		8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,244.53	191.31
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	43.10	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	189.62	
			<i>For Aluminum, Mill Finish, Add</i>	98.26	
			<i>For Aluminum, Anodized Finish, Add</i>	274.95	
08 36 13 00-0061	EA		8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,527.48	239.14
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	52.46	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	230.82	
			<i>For Aluminum, Mill Finish, Add</i>	119.61	
			<i>For Aluminum, Anodized Finish, Add</i>	334.69	
08 36 13 00-0062	EA		10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,213.06	191.31
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	41.52	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	182.70	
			<i>For Aluminum, Mill Finish, Add</i>	94.67	
			<i>For Aluminum, Anodized Finish, Add</i>	264.91	
08 36 13 00-0063	EA		10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,488.71	239.14
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	50.52	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	222.29	
			<i>For Aluminum, Mill Finish, Add</i>	115.19	
			<i>For Aluminum, Anodized Finish, Add</i>	322.33	
08 36 13 00-0064	EA		10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,890.46	310.88
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	63.44	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	279.11	
			<i>For Aluminum, Mill Finish, Add</i>	144.63	
			<i>For Aluminum, Anodized Finish, Add</i>	404.72	
08 36 13 00-0065	EA		10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,187.60	382.62
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	71.12	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	312.92	
			<i>For Aluminum, Mill Finish, Add</i>	162.15	
			<i>For Aluminum, Anodized Finish, Add</i>	453.73	
08 36 13 00-0066	EA		12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,429.45	239.14
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	47.56	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	209.26	
			<i>For Aluminum, Mill Finish, Add</i>	108.43	
			<i>For Aluminum, Anodized Finish, Add</i>	303.42	

**08 Openings****08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0067	EA		12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,778.52	310.88
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	57.84	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	254.49	
			<i>For Aluminum, Mill Finish, Add</i>	131.87	
			<i>For Aluminum, Anodized Finish, Add</i>	369.01	
08 36 13 00-0068	EA		12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,167.85	382.62
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	70.13	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	308.57	
			<i>For Aluminum, Mill Finish, Add</i>	159.90	
			<i>For Aluminum, Anodized Finish, Add</i>	447.43	
08 36 13 00-0069	EA		12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,533.01	454.37
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	81.21	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	357.34	
			<i>For Aluminum, Mill Finish, Add</i>	185.17	
			<i>For Aluminum, Anodized Finish, Add</i>	518.15	
08 36 13 00-0070	EA		12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,075.51	550.02
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	98.77	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	434.61	
			<i>For Aluminum, Mill Finish, Add</i>	225.20	
			<i>For Aluminum, Anodized Finish, Add</i>	630.18	
08 36 13 00-0071	EA		14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,691.46	310.88
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	53.49	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	235.33	
			<i>For Aluminum, Mill Finish, Add</i>	121.95	
			<i>For Aluminum, Anodized Finish, Add</i>	341.23	
08 36 13 00-0072	EA		14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,098.34	382.62
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	66.65	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	293.28	
			<i>For Aluminum, Mill Finish, Add</i>	151.97	
			<i>For Aluminum, Anodized Finish, Add</i>	425.26	
08 36 13 00-0073	EA		14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,549.39	478.28
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	79.64	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	350.42	
			<i>For Aluminum, Mill Finish, Add</i>	181.58	
			<i>For Aluminum, Anodized Finish, Add</i>	508.11	
08 36 13 00-0074	EA		14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,008.19	550.02
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	95.41	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	419.80	
			<i>For Aluminum, Mill Finish, Add</i>	217.53	
			<i>For Aluminum, Anodized Finish, Add</i>	608.70	
08 36 13 00-0075	EA		14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,455.32	621.76
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	110.59	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	486.60	
			<i>For Aluminum, Mill Finish, Add</i>	252.15	
			<i>For Aluminum, Anodized Finish, Add</i>	705.56	
08 36 13 00-0076	EA		16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,022.98	382.62
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	62.89	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	276.70	
			<i>For Aluminum, Mill Finish, Add</i>	143.38	
			<i>For Aluminum, Anodized Finish, Add</i>	401.22	
08 36 13 00-0077	EA		16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,607.92	478.28
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	82.57	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	363.30	
			<i>For Aluminum, Mill Finish, Add</i>	188.26	
			<i>For Aluminum, Anodized Finish, Add</i>	526.78	
08 36 13 00-0078	EA		16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,047.71	550.02
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	97.38	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	428.49	
			<i>For Aluminum, Mill Finish, Add</i>	222.04	
			<i>For Aluminum, Anodized Finish, Add</i>	621.31	
08 36 13 00-0079	EA		16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,490.44	621.76
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	112.35	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	494.32	
			<i>For Aluminum, Mill Finish, Add</i>	256.15	
			<i>For Aluminum, Anodized Finish, Add</i>	716.77	
08 36 13 00-0080	EA		16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,132.46	717.41
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	134.88	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	593.48	
			<i>For Aluminum, Mill Finish, Add</i>	307.53	
			<i>For Aluminum, Anodized Finish, Add</i>	860.54	
08 36 13 00-0081	EA		18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,324.03	478.28
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	68.37	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	300.84	
			<i>For Aluminum, Mill Finish, Add</i>	155.89	
			<i>For Aluminum, Anodized Finish, Add</i>	436.22	
08 36 13 00-0082	EA		18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,891.86	550.02
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	89.59	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	394.20	
			<i>For Aluminum, Mill Finish, Add</i>	204.27	
			<i>For Aluminum, Anodized Finish, Add</i>	571.59	
08 36 13 00-0083	EA		18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,361.66	621.76
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	105.91	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	465.99	
			<i>For Aluminum, Mill Finish, Add</i>	241.47	
			<i>For Aluminum, Anodized Finish, Add</i>	675.69	



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Panel Doors	08 36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0084	EA		18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,207.08 138.61 609.89 316.04 884.34	717.41
08 36 13 00-0085	EA		18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,602.53 148.82 654.80 339.31 949.46	813.07
08 36 13 00-0086	EA		20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,877.96 88.90 391.14 202.68 567.16	550.02
08 36 13 00-0087	EA		20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	3,393.87 107.52 473.08 245.14 685.96	621.76
08 36 13 00-0088	EA		20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,357.07 146.11 642.89 333.13 932.19	717.41
08 36 13 00-0089	EA		20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,736.42 155.51 684.26 354.57 992.17	813.07
08 36 13 00-0090	EA		20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,510.86 184.67 812.55 421.05 1,178.19	908.72
08 36 13 00-0091	EA		22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	3,153.15 95.48 420.12 217.70 609.17	621.76
08 36 13 00-0092	EA		22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	3,910.77 123.80 544.70 282.26 789.82	717.41
08 36 13 00-0093	EA		22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,655.95 151.49 666.55 345.40 966.50	813.07
08 36 13 00-0094	EA		22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,233.57 170.81 751.54 389.44 1,089.74	908.72
08 36 13 00-0095	EA		22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,978.73 198.50 873.39 452.58 1,266.42	1,004.39
08 36 13 00-0096	EA		24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	3,506.16 103.57 455.69 236.13 660.75	717.41
08 36 13 00-0097	EA		24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,345.00 135.94 598.14 309.95 867.31	813.07
08 36 13 00-0098	EA		24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,048.47 161.55 710.82 368.33 1,030.69	908.72
08 36 13 00-0099	EA		24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,795.09 189.32 832.99 431.64 1,207.84	1,004.39
08 36 13 00-0100	EA		24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	6,529.28 216.46 952.42 493.53 1,381.01	1,100.04

**08 Openings**  
**08 30 Specialty Doors And Frames**  
**08 36 Panel Doors**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0101			<b>Residential Grade, Galvanized Steel Sectional Overhead Doors</b> (08 36 13 00-0013) Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA		9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	789.04	95.65
			For Aluminum Or Fiberglass, Add	170.47	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	291.45	
08 36 13 00-0103	EA		9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	887.73	95.65
			For Aluminum Or Fiberglass, Add	201.06	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	343.75	
08 36 13 00-0104	EA		16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,182.39	109.43
			For Aluminum Or Fiberglass, Add	281.91	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	481.98	
08 36 13 00-0105	EA		16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,337.46	109.43
			For Aluminum Or Fiberglass, Add	329.99	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	564.17	
08 36 13 00-0106			<b>Remove And Reinstall Sectional Metal Overhead Doors And Supports</b> (08 36 13 00-0013) Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF		Remove And Reinstall Sectional Metal Overhead Door And Supports.....	6.89	
08 36 13 00-0108			<b>Sectional Fiberglass Overhead Doors</b> (08 36 13)		
08 36 13 00-0109			<b>Fiberglass Sectional Overhead Doors</b> (08 36 13 00-0108)		
08 36 13 00-0110			<b>Non-Insulated, Fiberglass Sectional Doors</b> (08 36 13 00-0109) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA		8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,221.13	167.39
08 36 13 00-0112	EA		8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,451.13	191.31
08 36 13 00-0113	EA		8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,714.43	239.14
08 36 13 00-0114	EA		10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,433.64	191.31
08 36 13 00-0115	EA		10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,713.21	215.23
08 36 13 00-0116	EA		10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,129.90	298.93
08 36 13 00-0117	EA		10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,549.25	382.62
08 36 13 00-0118	EA		12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,689.65	239.14
08 36 13 00-0119	EA		12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,119.70	298.93
08 36 13 00-0120	EA		12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,543.79	358.71
08 36 13 00-0121	EA		12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,086.29	478.28
08 36 13 00-0122	EA		12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,584.81	573.94
08 36 13 00-0123	EA		14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,041.19	334.80
08 36 13 00-0124	EA		14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,488.02	382.62
08 36 13 00-0125	EA		14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,033.81	478.28
08 36 13 00-0126	EA		14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,578.98	573.94
08 36 13 00-0127	EA		14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,030.08	621.76
08 36 13 00-0128	EA		16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,317.47	382.62
08 36 13 00-0129	EA		16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	2,798.14	430.45
08 36 13 00-0130	EA		16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,383.43	526.11
08 36 13 00-0131	EA		16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	3,961.57	621.76
08 36 13 00-0132	EA		16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	4,443.90	669.59
08 36 13 00-0133			<b>Insulated, Fiberglass Sectional Doors</b> (08 36 13 00-0109) Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA		8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,513.61	167.39
08 36 13 00-0135	EA		8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,803.74	191.31
08 36 13 00-0136	EA		8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,122.35	239.14
08 36 13 00-0137	EA		10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,780.47	191.31
08 36 13 00-0138	EA		10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,136.54	215.23
08 36 13 00-0139	EA		10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,635.48	298.93
08 36 13 00-0140	EA		10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,138.05	382.62
08 36 13 00-0141	EA		12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,089.40	239.14
08 36 13 00-0142	EA		12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,621.91	298.93
08 36 13 00-0143	EA		12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,146.55	358.71
08 36 13 00-0144	EA		12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,789.10	478.28
08 36 13 00-0145	EA		12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,389.12	573.94
08 36 13 00-0146	EA		14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,493.86	334.80
08 36 13 00-0147	EA		14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,056.62	382.62
08 36 13 00-0148	EA		14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,719.30	478.28
08 36 13 00-0149	EA		14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,381.36	573.94
08 36 13 00-0150	EA		14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,949.84	621.76
08 36 13 00-0151	EA		16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,829.79	382.62
08 36 13 00-0152	EA		16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,437.45	430.45
08 36 13 00-0153	EA		16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,152.63	526.11
08 36 13 00-0154	EA		16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,858.72	621.76
08 36 13 00-0155	EA		16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,468.54	669.59
08 36 13 00-0156			<b>Sectional Overhead Door Accessories</b> (08 36 13)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>08 36 13 00-0157</b>			<b>Sectional Overhead Door Accessories</b> <small>(08 36 13 00-0156)</small>		
			See CSI section 08 33 26 00-0052 for safety edge bottom bar.		
08 36 13 00-0158	LF		Flap Seal For Sectional Overhead Doors .....	1.82	
08 36 13 00-0159	LF		Weather Seal At Top Of Door For Sectional Overhead Doors.....	2.66	
08 36 13 00-0160	LF		Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors.....	1.45	
08 36 13 00-0161	EA		Cylinder Lock For Sectional Overhead Doors.....	162.49	
08 36 13 00-0162	EA		Manual Chain Hoist For Sectional Overhead Doors .....	318.81	
08 36 13 00-0163	EA		Electric Chain Lift Operator For Sectional Overhead Doors.....	1,134.50	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 36 13 00-0164	EA		1/2 HP Trolley Operator For Sectional Overhead Doors.....	554.50	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 36 13 00-0165	EA		3/4 HP Trolley Operator.....	745.75	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
			<i>For Door Height &gt;12', Add</i>	10.00	
			<i>Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.</i>		
08 36 13 00-0166	SF		Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	18.99	
			Note: Additional cost for factory supplied.		
08 36 13 00-0167	SF		>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	11.85	
			Note: Additional cost for factory supplied.		
08 36 13 00-0168	SF		Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors .....	19.86	
			Note: Additional cost for factory supplied.		
08 36 13 00-0169	SF		>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors.....	13.54	
			Note: Additional cost for factory supplied.		
08 36 13 00-0170	SF		Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors .....	31.95	
			Note: Additional cost for factory supplied.		
08 36 13 00-0171	SF		>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors.....	21.56	
			Note: Additional cost for factory supplied.		
08 36 13 00-0172	EA		Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door .....	261.79	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0173	EA		Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door .....	408.83	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0174	EA		Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door .....	603.11	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0175	SF		25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	0.80	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08 36 13 00-0176	SF		50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	1.03	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08 36 13 00-0177	SF		100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	1.36	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		

**08 38 Traffic Doors** (08 30)

**08 38 13 Flexible Strip Doors** (08 38)

**08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors** (08 38 13)

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....		170.74	2.87
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		16.45	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		34.55	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....		240.69	3.82
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		23.21	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		48.74	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....		497.88	1.91
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		49.36	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		103.65	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....		8.83	2.63
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		0.62	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		1.30	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....		8.67	2.39
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		0.63	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		1.32	

**08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips** (08 38 13)

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip .....		34.54	13.49
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		1.25	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		2.63	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip .....		36.42	13.49
		<i>For Cooler/Freezer Doors, USDA Grade, Add</i>		1.44	
		<i>Note: Low temperature to -40 degree F.</i>			
		<i>For Ribbed Strip Material, Add</i>		3.03	

**08 Openings****08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0010	EA		12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	59.96 3.27	16.70
			<i>For Ribbed Strip Material, Add</i>	6.87	
08 38 13 00-0011	EA		12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	67.89 4.06	16.70
			<i>For Ribbed Strip Material, Add</i>	8.53	
08 38 13 00-0012	EA		12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	76.10 4.88	16.70
			<i>For Ribbed Strip Material, Add</i>	10.26	
08 38 13 00-0013	EA		16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	89.38 8.46	4.78
			<i>For Ribbed Strip Material, Add</i>	17.77	
<b>08 38 16</b>			<b>Flexible Traffic Doors</b> <small>(08 38)</small>		
			Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 16 00-0001			0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) <small>(08 38 16)</small>		
08 38 16 00-0002			Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0001)</small>		
08 38 16 00-0003			Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0002)</small>		
08 38 16 00-0004	EA		72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	1,287.42	47.83
08 38 16 00-0005	EA		72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	1,389.86	47.83
08 38 16 00-0006	EA		96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	2,873.86	55.00
08 38 16 00-0007	EA		96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	3,224.16	59.79
08 38 16 00-0008	EA		108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	4,997.04	59.79
08 38 16 00-0009	EA		108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	5,226.38	59.79
08 38 16 00-0010	EA		120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	5,819.43	71.74
08 38 16 00-0011			Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0002)</small>		
08 38 16 00-0012	EA		72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	1,430.03	47.83
08 38 16 00-0013	EA		72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	1,544.12	47.83
08 38 16 00-0014	EA		96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	3,399.18	55.00
08 38 16 00-0015	EA		96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	3,747.15	59.79
08 38 16 00-0016	EA		108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	5,596.83	59.79
08 38 16 00-0017	EA		108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	5,830.12	59.79
08 38 16 00-0018	EA		120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door .....	6,491.11	71.74
08 38 16 00-0019			0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) <small>(08 38 16)</small>		
			Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020			Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0021			84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0022	EA		24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	646.10	26.30
08 38 16 00-0023	EA		40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	696.09	26.30
08 38 16 00-0024			96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0025	EA		24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	696.09	26.30
08 38 16 00-0026	EA		40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	710.19	26.30
08 38 16 00-0027			Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0028			84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0029	EA		48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	1,277.83	45.44
08 38 16 00-0030	EA		80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	1,377.82	45.44



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0032 EA 48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,377.82	45.44
08 38 16 00-0033 EA 80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,406.02	45.44
<b>08 38 19 Rigid Traffic Doors</b> <small>(08 38)</small>		
<small>Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.</small>		
08 38 19 00-0001 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) <small>(08 38 19)</small>		
<small>Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.</small>		
08 38 19 00-0002 Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0003 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0004 EA 24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	319.23	26.30
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005 EA 28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	342.30	26.30
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006 EA 30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	353.67	27.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007 EA 32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	367.77	27.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0008 EA 36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	384.27	28.70
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0009 EA 40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	415.03	28.70
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010 EA 42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	431.16	32.28
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0012 EA 24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	358.97	26.30
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013 EA 28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	376.91	26.30
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014 EA 30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	389.56	27.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0015 EA 32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	399.81	27.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016 EA 36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	436.82	28.70
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	

**08 Openings****08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0017	EA		40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	444.51	28.70
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0018	EA		42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	459.36	32.28
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0019			<b>Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0001)		
08 38 19 00-0020			<b>84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0019)		
08 38 19 00-0021	EA		48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	624.10	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0022	EA		56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	670.25	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0023	EA		60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	688.19	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0024	EA		64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	716.39	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0025	EA		72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	749.38	47.83
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0026	EA		80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	810.91	47.83
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0027	EA		84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	828.86	47.83
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0028			<b>96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0019)		
08 38 19 00-0029	EA		48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	703.57	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0030	EA		56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	739.47	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0031	EA		60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	759.98	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0032	EA		64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	780.48	45.44
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0033	EA		72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	854.49	47.83
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0034	EA		80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	869.88	47.83
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035	EA		84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	885.26	47.83
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
<b>08 38 19 00-0036</b>			<b>3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) <small>(08 38 19)</small></b>		
			Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
<b>08 38 19 00-0037</b>			<b>Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small></b>		
<b>08 38 19 00-0038</b>			<b>84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small></b>		
08 38 19 00-0039	EA		24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	555.09	26.30
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0040	EA		28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	615.33	26.30
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0041	EA		30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	642.08	27.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0042	EA		32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	667.71	27.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0043	EA		36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	677.81	28.70
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0044	EA		40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	730.36	28.70
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0045	EA		42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	784.95	32.28
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0046	EA		44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	793.92	32.28
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
<b>08 38 19 00-0047</b>			<b>96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small></b>		
08 38 19 00-0048	EA		24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	606.36	26.30
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0049	EA		28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	669.17	26.30
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0050	EA		30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	695.92	27.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0051	EA		32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	727.96	27.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0052	EA		36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	753.43	28.70
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0053	EA		40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	804.71	28.70
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0054	EA		42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	832.38	32.28
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0055	EA		44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	864.42	32.28
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
<b>08 38 19 00-0056</b>			<b>Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small></b>		
<b>08 38 19 00-0057</b>			<b>84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small></b>		
08 38 19 00-0058	EA		48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,095.81	45.44
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0059	EA		56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,216.31	45.44
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0060	EA		60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,265.02	45.44
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	

**08 Openings****08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0061	EA		64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,316.29	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0062	EA		72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,336.46	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0063	EA		80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,441.57	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0064	EA		84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,536.43	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0065	EA		88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,554.37	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0066</b>			<b>96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0066)</small>		
08 38 19 00-0067	EA		48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,198.36	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0068	EA		56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,323.98	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0069	EA		60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,372.69	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0070	EA		64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,436.78	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0071	EA		72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,487.72	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0072	EA		80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,590.26	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0073	EA		84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,631.28	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0074	EA		88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,695.37	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0075</b>			<b>3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliaison PMP-2)</b> <small>(08 38 19)</small>		
			Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
<b>08 38 19 00-0076</b>			<b>Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0076)</small>		
<b>08 38 19 00-0077</b>			<b>84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0077)</small>		
08 38 19 00-0078	EA		24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	585.85	26.30
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0079	EA		28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	662.76	26.30
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0080	EA		30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	685.66	27.50
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0081	EA		32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	693.35	27.50
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0082	EA		36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	703.44	28.70
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0083	EA		40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	775.22	28.70
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0084	EA		42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	841.35	32.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0085	EA		44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	850.32	32.28
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0086</b>			<b>96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0086)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0087	EA		24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	602.52 6.00 19.00	26.30
08 38 19 00-0088	EA		28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	697.37 6.00 19.00	26.30
08 38 19 00-0089	EA		30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	721.55 6.00 19.00	27.50
08 38 19 00-0090	EA		32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	731.81 6.00 19.00	27.50
08 38 19 00-0091	EA		36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	736.77 6.00 19.00	28.70
08 38 19 00-0092	EA		40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	789.32 6.00 19.00	28.70
08 38 19 00-0093	EA		42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	854.17 6.00 19.00	32.28
08 38 19 00-0094	EA		44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	864.42 6.00 19.00	32.28
08 38 19 00-0095			<b>Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0075)</small>		
08 38 19 00-0096			<b>84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0095)</small>		
08 38 19 00-0097	EA		48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,157.34 6.00 19.00	45.44
08 38 19 00-0098	EA		56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,311.16 6.00 19.00	45.44
08 38 19 00-0099	EA		60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,352.18 6.00 19.00	45.44
08 38 19 00-0100	EA		64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,367.56 6.00 19.00	45.44
08 38 19 00-0101	EA		72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,387.73 6.00 19.00	47.83
08 38 19 00-0102	EA		80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,531.30 6.00 19.00	47.83
08 38 19 00-0103	EA		84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,649.23 6.00 19.00	47.83
08 38 19 00-0104	EA		88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,667.17 6.00 19.00	47.83
08 38 19 00-0105			<b>96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA		48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,190.67 6.00 19.00	45.44
08 38 19 00-0107	EA		56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,380.38 6.00 19.00	45.44
08 38 19 00-0108	EA		60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,423.96 6.00 19.00	45.44
08 38 19 00-0109	EA		64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,444.47 6.00 19.00	45.44
08 38 19 00-0110	EA		72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,454.39 6.00 19.00	47.83
08 38 19 00-0111	EA		80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,559.50 6.00 19.00	47.83
08 38 19 00-0112	EA		84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,674.86 6.00 19.00	47.83
08 38 19 00-0113	EA		88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,695.37 6.00 19.00	47.83

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors And Frames</b>
	<b>08 38</b>	<b>Traffic Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 19 00-0114	1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Elison SCP-2) <small>(08 38 19)</small> Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115	Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0116	84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0117	EA 24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	739.67 22.00 28.00 41.00	26.30
08 38 19 00-0118	EA 28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	807.61 22.00 28.00 41.00	26.30
08 38 19 00-0119	EA 30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	827.94 22.00 28.00 41.00	27.50
08 38 19 00-0120	EA 32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	844.61 22.00 28.00 41.00	27.50
08 38 19 00-0121	EA 36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	875.21 22.00 28.00 41.00	28.70
08 38 19 00-0122	EA 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	907.25 22.00 28.00 41.00	28.70
08 38 19 00-0123	EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	940.05 22.00 28.00 41.00	32.28
08 38 19 00-0124	EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	961.84 22.00 28.00 41.00	32.28
08 38 19 00-0125	96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0126	EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	797.35 22.00 28.00 41.00	26.30
08 38 19 00-0127	EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	869.14 22.00 28.00 41.00	26.30
08 38 19 00-0128	EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	890.75 22.00 28.00 41.00	27.50
08 38 19 00-0129	EA 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	899.73 22.00 28.00 41.00	27.50
08 38 19 00-0130	EA 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	927.76 22.00 28.00 41.00	28.70
08 38 19 00-0131	EA 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	970.06 22.00 28.00 41.00	28.70
08 38 19 00-0132	EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	997.73 22.00 28.00 41.00	32.28
08 38 19 00-0133	EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door For Each 14" x 16" Window, Add For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,019.52 22.00 28.00 41.00	32.28
08 38 19 00-0134	Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		





<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors</b> <small>(08 38 19 00-0134)</small>		
08 38 19 00-0136 EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,464.98	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0137 EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,600.86	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0138 EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,636.75	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0139 EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,670.07	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0140 EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,731.27	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0141 EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,795.36	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0142 EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,846.63	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0143 EA 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,890.21	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
<b>08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors</b> <small>(08 38 19 00-0134)</small>		
08 38 19 00-0145 EA 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,580.35	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0146 EA 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,723.91	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0147 EA 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,762.37	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0148 EA 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,780.31	45.44
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0149 EA 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,836.38	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0150 EA 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,920.98	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0151 EA 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	1,961.99	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0152 EA 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	2,005.58	47.83
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
<b>08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10)</b> <small>(08 38 19)</small>		
Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
<b>08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0153)</small>		
<b>08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0154)</small>		
08 38 19 00-0156 EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door .....	726.85	26.30
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	

**08 Openings****08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0157	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	764.03 6.00 19.00	26.30
08 38 19 00-0158	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	799.74 6.00 19.00	27.50
08 38 19 00-0159	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	821.53 6.00 19.00	27.50
08 38 19 00-0160	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	877.77 6.00 19.00	28.70
08 38 19 00-0161	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	921.35 6.00 19.00	28.70
08 38 19 00-0162	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	963.12 6.00 19.00	32.28
08 38 19 00-0163	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,004.14 6.00 19.00	32.28
<b>08 38 19 00-0164</b>			<b>90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0154)</small>		
08 38 19 00-0165	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	752.49 6.00 19.00	26.30
08 38 19 00-0166	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	797.35 6.00 19.00	26.30
08 38 19 00-0167	EA		30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	821.53 6.00 19.00	27.50
08 38 19 00-0168	EA		32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	852.30 6.00 19.00	27.50
08 38 19 00-0169	EA		36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	912.38 6.00 19.00	28.70
08 38 19 00-0170	EA		40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	964.94 6.00 19.00	28.70
08 38 19 00-0171	EA		42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,004.14 6.00 19.00	32.28
08 38 19 00-0172	EA		44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,042.60 6.00 19.00	32.28
<b>08 38 19 00-0173</b>			<b>96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0154)</small>		
08 38 19 00-0174	EA		24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	817.86 6.00 19.00	26.30
08 38 19 00-0175	EA		28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	826.84 6.00 19.00	26.30
08 38 19 00-0176	EA		30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	866.40 6.00 19.00	27.50
08 38 19 00-0177	EA		32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	894.60 6.00 19.00	27.50
08 38 19 00-0178	EA		36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	955.96 6.00 19.00	28.70
08 38 19 00-0179	EA		40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,018.77 6.00 19.00	28.70
08 38 19 00-0180	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,055.41 6.00 19.00	32.28
08 38 19 00-0181	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,093.87 6.00 19.00	32.28
08 38 19 00-0182			<b>Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0153)</small>		
08 38 19 00-0183			<b>84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0182)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0184	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,439.35	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0185	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,513.69	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0186	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,580.35	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0187	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,623.93	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0188	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,736.39	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0189	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,823.56	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0190	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,892.78	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0191	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,974.81	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0192</b>			<b>90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic</b>		
			<b>Doors</b> <small>(08 38 19 00-0182)</small>		
08 38 19 00-0193	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,490.62	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,580.35	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,623.93	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,685.46	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,805.61	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0198	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,910.72	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0199	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,974.81	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0200	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,051.72	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0201</b>			<b>96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic</b>		
			<b>Doors</b> <small>(08 38 19 00-0182)</small>		
08 38 19 00-0202	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,621.36	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0203	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,639.31	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0204	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,713.66	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0205	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,770.06	45.44
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0206	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,892.78	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0207	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,018.39	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0208	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,077.36	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0209	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,154.27	47.83
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors And Frames</b>
	<b>08 38</b>	<b>Traffic Doors</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) <sup>(08 38 19)</sup> Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <sup>(08 38 19 00-0210)</sup>		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <sup>(08 38 19 00-0211)</sup>		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	726.85 6.00 19.00	26.30
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	764.03 6.00 19.00	26.30
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	799.74 6.00 19.00	27.50
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	821.53 6.00 19.00	27.50
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	877.77 6.00 19.00	28.70
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	921.35 6.00 19.00	28.70
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	963.12 6.00 19.00	32.28
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,004.14 6.00 19.00	32.28
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <sup>(08 38 19 00-0211)</sup>		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	752.49 6.00 19.00	26.30
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	797.35 6.00 19.00	26.30
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	821.53 6.00 19.00	27.50
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	852.30 6.00 19.00	27.50
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	912.38 6.00 19.00	28.70
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	964.94 6.00 19.00	28.70
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,004.14 6.00 19.00	32.28
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,042.60 6.00 19.00	32.28
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <sup>(08 38 19 00-0211)</sup>		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	817.86 6.00 19.00	26.30
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	826.84 6.00 19.00	26.30
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	866.40 6.00 19.00	27.50
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	894.60 6.00 19.00	27.50
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	955.96 6.00 19.00	28.70
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,018.77 6.00 19.00	28.70



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0237	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,055.41 6.00 19.00	32.28
08 38 19 00-0238	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,093.87 6.00 19.00	32.28
<b>08 38 19 00-0239</b>			<b>Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0210)</small>		
<b>08 38 19 00-0240</b>			<b>84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>		
08 38 19 00-0241	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,439.35 6.00 19.00	45.44
08 38 19 00-0242	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,513.69 6.00 19.00	45.44
08 38 19 00-0243	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,580.35 6.00 19.00	45.44
08 38 19 00-0244	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,623.93 6.00 19.00	45.44
08 38 19 00-0245	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,736.39 6.00 19.00	47.83
08 38 19 00-0246	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,823.56 6.00 19.00	47.83
08 38 19 00-0247	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,892.78 6.00 19.00	47.83
08 38 19 00-0248	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,974.81 6.00 19.00	47.83
<b>08 38 19 00-0249</b>			<b>90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>		
08 38 19 00-0250	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,490.62 6.00 19.00	45.44
08 38 19 00-0251	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,580.35 6.00 19.00	45.44
08 38 19 00-0252	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,623.93 6.00 19.00	45.44
08 38 19 00-0253	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,685.46 6.00 19.00	45.44
08 38 19 00-0254	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,805.61 6.00 19.00	47.83
08 38 19 00-0255	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,910.72 6.00 19.00	47.83
08 38 19 00-0256	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,974.81 6.00 19.00	47.83
08 38 19 00-0257	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,051.72 6.00 19.00	47.83
<b>08 38 19 00-0258</b>			<b>96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>		
08 38 19 00-0259	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,621.36 6.00 19.00	45.44
08 38 19 00-0260	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,639.31 6.00 19.00	45.44
08 38 19 00-0261	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,713.66 6.00 19.00	45.44
08 38 19 00-0262	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,770.06 6.00 19.00	45.44
08 38 19 00-0263	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	1,892.78 6.00 19.00	47.83

<b>08</b>	<b>Openings</b>
<b>08 30</b>	<b>Specialty Doors And Frames</b>
<b>08 38</b>	<b>Traffic Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0264 EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,018.39 6.00 19.00	47.83
08 38 19 00-0265 EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,077.36 6.00 19.00	47.83
08 38 19 00-0266 EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	2,154.27 6.00 19.00	47.83
<b>08 38 19 00-0267 Rigid Impact Traffic Door Accessories (08 38 19)</b>		
<b>08 38 19 00-0268 Bumper Strips For Impact Traffic Doors (08 38 19 00-0267)</b> Note: Includes two bumpers per set.		
08 38 19 00-0269 SET 24" Wide, Bumper Strips For Impact Traffic Doors .....	66.56	19.13
08 38 19 00-0270 SET 30" Wide, Bumper Strips For Impact Traffic Doors .....	72.97	19.13
08 38 19 00-0271 SET 36" Wide, Bumper Strips For Impact Traffic Doors .....	78.09	19.13
08 38 19 00-0272 SET 48" Wide, Bumper Strips For Impact Traffic Doors .....	87.07	19.13
<b>08 38 19 00-0273 Easy Spring Bumpers For Impact Traffic Doors (08 38 19 00-0267)</b> Note: Includes two bumpers per set.		
08 38 19 00-0274 SET 18" Height, Easy Spring Bumpers For Impact Traffic Doors .....	170.39	19.13
08 38 19 00-0275 SET 24" Height, Easy Spring Bumpers For Impact Traffic Doors .....	224.22	19.13
08 38 19 00-0276 SET 36" Height, Easy Spring Bumpers For Impact Traffic Doors .....	328.05	19.13
08 38 19 00-0277 SET 42" Height, Easy Spring Bumpers For Impact Traffic Doors .....	378.04	19.13
08 38 19 00-0278 SET 48" Height, Easy Spring Bumpers For Impact Traffic Doors .....	429.32	19.13
<b>08 38 19 00-0279 Scuff Plates For Impact Traffic Doors (08 38 19 00-0267)</b> Note: Includes two 0.090" thermoplastic plates per set.		
<b>08 38 19 00-0280 12" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)</b>		
08 38 19 00-0281 SET 24" Wide x 12" High, Impact Traffic Door Scuff Plates.....	78.09	19.13
08 38 19 00-0282 SET 30" Wide x 12" High, Impact Traffic Door Scuff Plates.....	83.22	19.13
08 38 19 00-0283 SET 36" Wide x 12" High, Impact Traffic Door Scuff Plates.....	89.63	19.13
08 38 19 00-0284 SET 42" Wide x 12" High, Impact Traffic Door Scuff Plates.....	98.60	19.13
08 38 19 00-0285 SET 48" Wide x 12" High, Impact Traffic Door Scuff Plates.....	103.73	19.13
<b>08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)</b>		
08 38 19 00-0287 SET 24" Wide x 24" High, Impact Traffic Door Scuff Plates.....	103.73	19.13
08 38 19 00-0288 SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates.....	126.80	19.13
08 38 19 00-0289 SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates.....	139.62	19.13
08 38 19 00-0290 SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates.....	157.57	19.13
08 38 19 00-0291 SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates.....	169.10	19.13
<b>08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)</b>		
08 38 19 00-0293 SET 24" Wide x 30" High, Impact Traffic Door Scuff Plates.....	126.80	19.13
08 38 19 00-0294 SET 30" Wide x 30" High, Impact Traffic Door Scuff Plates.....	147.31	19.13
08 38 19 00-0295 SET 36" Wide x 30" High, Impact Traffic Door Scuff Plates.....	162.69	19.13
08 38 19 00-0296 SET 42" Wide x 30" High, Impact Traffic Door Scuff Plates.....	190.90	19.13
08 38 19 00-0297 SET 48" Wide x 30" High, Impact Traffic Door Scuff Plates.....	210.12	19.13
<b>08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)</b>		
08 38 19 00-0299 SET 24" Wide x 36" High, Impact Traffic Door Scuff Plates.....	139.62	19.13
08 38 19 00-0300 SET 30" Wide x 36" High, Impact Traffic Door Scuff Plates.....	162.69	19.13
08 38 19 00-0301 SET 36" Wide x 36" High, Impact Traffic Door Scuff Plates.....	188.33	19.13
08 38 19 00-0302 SET 42" Wide x 36" High, Impact Traffic Door Scuff Plates.....	202.43	19.13
08 38 19 00-0303 SET 48" Wide x 36" High, Impact Traffic Door Scuff Plates.....	224.22	19.13
<b>08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)</b>		
08 38 19 00-0305 SET 24" Wide x 48" High, Impact Traffic Door Scuff Plates.....	169.10	19.13
08 38 19 00-0306 SET 30" Wide x 48" High, Impact Traffic Door Scuff Plates.....	210.12	19.13
08 38 19 00-0307 SET 36" Wide x 48" High, Impact Traffic Door Scuff Plates.....	224.22	19.13
08 38 19 00-0308 SET 42" Wide x 48" High, Impact Traffic Door Scuff Plates.....	251.14	19.13
08 38 19 00-0309 SET 48" Wide x 48" High, Impact Traffic Door Scuff Plates.....	280.62	19.13
<b>08 38 19 00-0310 Base Plates For Impact Traffic Doors (08 38 19 00-0267)</b> Note: Includes two base plates per set.		
<b>08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)</b>		
<b>08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)</b>		
08 38 19 00-0313 SET 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	75.53	19.13
08 38 19 00-0314 SET 30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	80.66	19.13
08 38 19 00-0315 SET 36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	83.22	19.13



<b>Openings</b>	<b>08</b>	<b>08</b>
Specialty Doors And Frames	08 30	
Traffic Doors	08 38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0316 SET 42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	94.76	19.13
08 38 19 00-0317 SET 48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	99.89	19.13
<b>08 38 19 00-0318 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)</b>		
08 38 19 00-0319 SET 24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	94.76	19.13
08 38 19 00-0320 SET 30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	102.45	19.13
08 38 19 00-0321 SET 36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	110.14	19.13
08 38 19 00-0322 SET 42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	116.55	19.13
08 38 19 00-0323 SET 48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	126.80	19.13
<b>08 38 19 00-0324 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)</b>		
08 38 19 00-0325 SET 24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	107.58	19.13
08 38 19 00-0326 SET 30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	113.99	19.13
08 38 19 00-0327 SET 36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	129.37	19.13
08 38 19 00-0328 SET 42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	146.03	19.13
08 38 19 00-0329 SET 48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	153.72	19.13
<b>08 38 19 00-0330 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)</b>		
08 38 19 00-0331 SET 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	113.99	19.13
08 38 19 00-0332 SET 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	126.80	19.13
08 38 19 00-0333 SET 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	146.03	19.13
08 38 19 00-0334 SET 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	161.41	19.13
08 38 19 00-0335 SET 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	170.39	19.13
<b>08 38 19 00-0336 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)</b>		
08 38 19 00-0337 SET 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	143.47	19.13
08 38 19 00-0338 SET 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	161.41	19.13
08 38 19 00-0339 SET 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	185.77	19.13
08 38 19 00-0340 SET 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	197.30	19.13
08 38 19 00-0341 SET 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	212.69	19.13
<b>08 38 19 00-0342 Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)</b>		
<b>08 38 19 00-0343 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)</b>		
08 38 19 00-0344 SET 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	98.60	19.13
08 38 19 00-0345 SET 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	103.73	19.13
08 38 19 00-0346 SET 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	119.11	19.13
08 38 19 00-0347 SET 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	126.80	19.13
08 38 19 00-0348 SET 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	148.59	19.13
<b>08 38 19 00-0349 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)</b>		
08 38 19 00-0350 SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	134.49	19.13
08 38 19 00-0351 SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	157.57	19.13
08 38 19 00-0352 SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	180.64	19.13
08 38 19 00-0353 SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	208.84	19.13
08 38 19 00-0354 SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	234.48	19.13
<b>08 38 19 00-0355 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)</b>		
08 38 19 00-0356 SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	152.44	19.13
08 38 19 00-0357 SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	183.20	19.13
08 38 19 00-0358 SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	211.40	19.13
08 38 19 00-0359 SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	240.89	19.13
08 38 19 00-0360 SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	275.50	19.13
<b>08 38 19 00-0361 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)</b>		
08 38 19 00-0362 SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	175.51	19.13
08 38 19 00-0363 SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	208.84	19.13
08 38 19 00-0364 SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	247.30	19.13
08 38 19 00-0365 SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	284.47	19.13
08 38 19 00-0366 SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	316.51	19.13
<b>08 38 19 00-0367 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)</b>		
08 38 19 00-0368 SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	216.53	19.13
08 38 19 00-0369 SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	296.01	19.13
08 38 19 00-0370 SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	316.51	19.13
08 38 19 00-0371 SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	378.04	19.13

**08 Openings****08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0372 SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	413.93	19.13
<b>08 38 19 00-0373 One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)</b>		
<b>08 38 19 00-0374 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)</b>		
08 38 19 00-0375 SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	88.35	19.13
08 38 19 00-0376 SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	94.76	19.13
08 38 19 00-0377 SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	102.45	19.13
08 38 19 00-0378 SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	111.42	19.13
08 38 19 00-0379 SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	125.52	19.13
<b>08 38 19 00-0380 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)</b>		
08 38 19 00-0381 SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	116.55	19.13
08 38 19 00-0382 SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	131.93	19.13
08 38 19 00-0383 SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	147.31	19.13
08 38 19 00-0384 SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	163.98	19.13
08 38 19 00-0385 SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	183.20	19.13
<b>08 38 19 00-0386 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)</b>		
08 38 19 00-0387 SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	131.93	19.13
08 38 19 00-0388 SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	151.16	19.13
08 38 19 00-0389 SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	172.95	19.13
08 38 19 00-0390 SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	199.87	19.13
08 38 19 00-0391 SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	217.81	19.13
<b>08 38 19 00-0392 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)</b>		
08 38 19 00-0393 SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	147.31	19.13
08 38 19 00-0394 SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	172.95	19.13
08 38 19 00-0395 SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	199.87	19.13
08 38 19 00-0396 SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	226.79	19.13
08 38 19 00-0397 SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	246.01	19.13
<b>08 38 19 00-0398 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)</b>		
08 38 19 00-0399 SET 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	183.20	19.13
08 38 19 00-0400 SET 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	222.94	19.13
08 38 19 00-0401 SET 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	246.01	19.13
08 38 19 00-0402 SET 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	292.16	19.13
08 38 19 00-0403 SET 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	304.98	19.13
<b>08 38 19 00-0404 Jamb Guards For Impact Traffic Doors (08 38 19 00-0267)</b>		
08 38 19 00-0405 EA 3" x 9", Jamb Guard For Impact Traffic Doors .....	120.06	23.92
08 38 19 00-0406 EA 5" x 18", Jamb Guard For Impact Traffic Doors .....	158.51	23.92
08 38 19 00-0407 EA 5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors.....	299.51	23.92
<b>08 38 19 00-0408 Other Impact Traffic Door Accessories (08 38 19 00-0267)</b>		
08 38 19 00-0409 EA Push Plate For Impact Traffic Doors .....	32.46	11.95
08 38 19 00-0410 EA Pull Handle For Impact Traffic Doors .....	41.43	11.95
08 38 19 00-0411 EA Deadbolt Lock For Impact Traffic Doors .....	96.55	11.95
08 38 19 00-0412 PR Lock Hole Reinforcements For Impact Traffic Doors .....	119.62	11.95
08 38 19 00-0413 PR Padlock Brackets For Impact Traffic Doors.....	50.40	11.95
<b>08 38 19 00-0414 Impact Traffic Door Knock Down Frames (08 38 19)</b>		
Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
<b>08 38 19 00-0415 Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)</b>		
<b>08 38 19 00-0416 84" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)</b>		
08 38 19 00-0417 EA 24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	300.69	35.87
08 38 19 00-0418 EA 28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	351.48	39.46
08 38 19 00-0419 EA 30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	360.61	41.85
08 38 19 00-0420 EA 32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	371.59	45.44
08 38 19 00-0421 EA 36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	381.28	47.83
08 38 19 00-0422 EA 40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	397.82	50.22
08 38 19 00-0423 EA 42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	410.48	52.62
08 38 19 00-0424 EA 44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	419.56	55.00





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Specialty Doors And Frames</b>	<b>08 30</b>	
<b>Traffic Doors</b>	<b>08 38</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 38 19 00-0425</b> 90" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0426 EA 24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	306.40	35.87
08 38 19 00-0427 EA 28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	358.28	39.46
08 38 19 00-0428 EA 30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	367.54	41.85
08 38 19 00-0429 EA 32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	378.61	45.44
08 38 19 00-0430 EA 36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	388.42	47.83
08 38 19 00-0431 EA 40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	405.26	50.22
08 38 19 00-0432 EA 42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	418.10	52.62
08 38 19 00-0433 EA 44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	427.30	55.00
<b>08 38 19 00-0434</b> 96" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0435 EA 24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	314.01	35.87
08 38 19 00-0436 EA 28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	367.33	39.46
08 38 19 00-0437 EA 30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	376.73	41.85
08 38 19 00-0438 EA 32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	385.68	45.44
08 38 19 00-0439 EA 36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	397.91	47.83
08 38 19 00-0440 EA 40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	412.69	50.22
08 38 19 00-0441 EA 42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	428.24	52.62
08 38 19 00-0442 EA 44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	438.15	53.81
<b>08 38 19 00-0443</b> Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
<b>08 38 19 00-0444</b> 84" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0445 EA 48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	426.16	55.00
08 38 19 00-0446 EA 56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	433.68	55.96
08 38 19 00-0447 EA 60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	441.85	57.39
08 38 19 00-0448 EA 64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	454.00	59.79
08 38 19 00-0449 EA 72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	462.30	62.17
08 38 19 00-0450 EA 80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	476.59	62.66
08 38 19 00-0451 EA 84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	486.50	63.38
08 38 19 00-0452 EA 88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	498.73	64.57
<b>08 38 19 00-0453</b> 90" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0454 EA 48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	434.06	55.00
08 38 19 00-0455 EA 56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	441.69	55.96
08 38 19 00-0456 EA 60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	450.03	57.39
08 38 19 00-0457 EA 64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	462.36	59.79
08 38 19 00-0458 EA 72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	470.76	62.17
08 38 19 00-0459 EA 80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	485.37	62.66
08 38 19 00-0460 EA 84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	495.50	63.38
08 38 19 00-0461 EA 88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	507.97	64.57
<b>08 38 19 00-0462</b> 96" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0463 EA 48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	443.28	55.00
08 38 19 00-0464 EA 56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	449.69	55.96
08 38 19 00-0465 EA 60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	460.88	57.39
08 38 19 00-0466 EA 64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	470.71	59.79
08 38 19 00-0467 EA 72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	481.98	62.17
08 38 19 00-0468 EA 80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	498.31	62.66
08 38 19 00-0469 EA 84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	507.44	63.38
08 38 19 00-0470 EA 88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	519.15	64.57

**08 40 Entrances, Storefronts, And Curtain Walls (08)**

**08 41 Entrances And Storefronts (08 40)**

**08 41 13 Aluminum-Framed Entrances And Storefronts (08 41)**

**08 41 13 00-0001 Aluminum Framed Entrance Doors (08 41 13)**

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 16 00-2086 for exit device, 08 71 16 00-2172 for closer.

08 41 13 00-0002 EA 3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14).....	2,366.65	461.44
For 8' High Door, Add	192.61	
For 10' High Door, Add	418.71	
For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0003 EA 3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14).....	2,377.51	461.44
For 8' High Door, Add	193.86	
For 10' High Door, Add	421.43	
For 1" Insulated Glazing, Add	39.32	

**08 Openings****08 40 Entrances, Storefronts, And Curtain Walls****08 41 Entrances And Storefronts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 41 13 00-0004	PR		6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14).....	3,937.63	692.03
			For 8' High Door, Add	333.73	
			For 10' High Door, Add	725.49	
			For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0005	PR		7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14).....	4,471.59	692.03
			For 8' High Door, Add	395.13	
			For 10' High Door, Add	858.98	
			For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0006	EA		3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15).....	2,594.56	461.44
			For 8' High Door, Add	218.82	
			For 10' High Door, Add	475.69	
			For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0007	EA		3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15).....	2,619.52	461.44
			For 8' High Door, Add	221.69	
			For 10' High Door, Add	481.93	
			For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0008	PR		6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15).....	4,368.49	692.03
			For 8' High Door, Add	383.28	
			For 10' High Door, Add	833.21	
			For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0009	PR		7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15).....	4,889.87	692.03
			For 8' High Door, Add	443.23	
			For 10' High Door, Add	963.55	
			For 1" Insulated Glazing, Add	78.65	

**08 42 Entrances** (08 40)**08 42 26 All-Glass Entrances** (08 42)**08 42 26 00-0001 Full Glass Entrance Doors** (08 42 26)

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA		3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	2,936.55	172.95
			For Anodized Color, Add	404.05	
			For Stainless Steel, Add	1,459.08	
			For 8' High Door, Add	258.15	
			For 10' High Door, Add	561.19	
			For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0003	PR		3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1/2").....	5,226.65	207.55
			For Anodized Color, Add	762.90	
			For Stainless Steel, Add	2,754.92	
			For 8' High Door, Add	487.41	
			For 10' High Door, Add	1,059.59	
			For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0004	EA		3' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	3,340.95	172.95
			For Anodized Color, Add	476.85	
			For Stainless Steel, Add	1,721.94	
			For 8' High Door, Add	304.65	
			For 10' High Door, Add	662.29	
			For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0005	PR		6' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 5/8").....	6,097.36	207.55
			For Anodized Color, Add	919.63	
			For Stainless Steel, Add	3,320.88	
			For 8' High Door, Add	587.54	
			For 10' High Door, Add	1,277.26	
			For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0006	EA		3' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	3,743.76	172.95
			For Anodized Color, Add	549.35	
			For Stainless Steel, Add	1,983.77	
			For 8' High Door, Add	350.97	
			For 10' High Door, Add	762.99	
			For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0007	PR		6' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 3/4").....	6,966.64	207.55
			For Anodized Color, Add	1,076.10	
			For Stainless Steel, Add	3,885.91	
			For 8' High Door, Add	687.51	
			For 10' High Door, Add	1,494.58	
			For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0008	EA		3' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	4,550.96	172.95
			For Anodized Color, Add	694.65	
			For Stainless Steel, Add	2,508.45	
			For 8' High Door, Add	443.80	
			For 10' High Door, Add	964.79	
			For 1" Insulated Glazing, Add	39.32	



<b>Openings</b>	<b>08</b>
<b>Entrances, Storefronts, And Curtain Walls</b>	<b>08 40</b>
<b>Entrances</b>	<b>08 42</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0009	PR		6' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1")..... <i>For Anodized Color, Add</i> <i>For Stainless Steel, Add</i> <i>For 8' High Door, Add</i> <i>For 10' High Door, Add</i> <i>For 1" Insulated Glazing, Add</i>	8,706.61 1,389.29 5,016.90 887.60 1,929.58 78.65	207.55
<b>08 42 26 00-0010</b>			<b>Frames For Full Glass Doors</b> (08 42 26)		
08 42 26 00-0011	LF		Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head .....	16.23	2.08
08 42 26 00-0012	LF		Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head .....	21.07	2.76
<b>08 42 29</b>			<b>Automatic Entrances</b> (08 42)		
<b>08 42 29 23</b>			<b>Sliding Automatic Entrances</b> (08 42 29)		
			Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can "break-out" in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 42 29 23-0001			<b>Bronze Finished Framed Sliding Automatic Entrances</b> (08 42 29 23)		
08 42 29 23-0002			<b>2 Panel, Bronze Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0001)		
			Note: Single sliding.		
08 42 29 23-0003	EA		5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,342.13	69.19
08 42 29 23-0004	EA		6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,498.29	93.39
08 42 29 23-0005	EA		7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,630.78	103.77
08 42 29 23-0006	EA		8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,759.66	114.15
08 42 29 23-0007	EA		10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,307.30	138.36
08 42 29 23-0008	EA		12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,403.66	162.58
08 42 29 23-0009	EA		15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,200.74	186.79
08 42 29 23-0010			<b>4 Panel, Bronze Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0001)		
			Note: Bi-parting.		
08 42 29 23-0011	EA		12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,701.74	172.95
08 42 29 23-0012	EA		16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,223.41	207.55
08 42 29 23-0013	EA		20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	4,550.06	242.07
08 42 29 23-0014			<b>Aluminum Finished Framed Sliding Automatic Entrances</b> (08 42 29 23)		
08 42 29 23-0015			<b>2 Panel, Aluminum Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0014)		
			Note: Single sliding.		
08 42 29 23-0016	EA		5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,228.72	69.19
08 42 29 23-0017	EA		6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,374.75	93.39
08 42 29 23-0018	EA		7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,494.62	103.77
08 42 29 23-0019	EA		8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	1,615.39	114.15
08 42 29 23-0020	EA		10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,116.01	138.36
08 42 29 23-0021	EA		12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,207.85	162.58
08 42 29 23-0022	EA		15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,934.42	186.79
08 42 29 23-0023			<b>4 Panel, Aluminum Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0014)		
			Note: Bi-parting.		
08 42 29 23-0024	EA		12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,479.81	172.95
08 42 29 23-0025	EA		16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	2,958.83	207.55
08 42 29 23-0026	EA		20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	4,167.05	242.07
08 42 29 23-0027			<b>Stainless Steel Framed Sliding Automatic Entrances</b> (08 42 29 23)		
08 42 29 23-0028			<b>2 Panel, Stainless Steel Framed Sliding Automatic Entrance</b> (08 42 29 23-0027)		
			Note: Single sliding.		
08 42 29 23-0029	EA		5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	1,533.81	69.19
08 42 29 23-0030	EA		6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	1,707.14	93.39
08 42 29 23-0031	EA		7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	1,982.75	103.77
08 42 29 23-0032	EA		8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	2,273.82	114.15
08 42 29 23-0033	EA		10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	2,630.64	138.36
08 42 29 23-0034	EA		12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	2,734.62	162.58
08 42 29 23-0035	EA		15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	3,650.95	186.79
08 42 29 23-0036			<b>4 Panel, Stainless Steel Framed Sliding Automatic Entrance</b> (08 42 29 23-0027)		
			Note: Bi-parting.		
08 42 29 23-0037	EA		12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	3,076.88	172.95
08 42 29 23-0038	EA		16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	3,670.57	207.55
08 42 29 23-0039	EA		20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	5,197.49	242.14
08 42 29 23-0040			<b>Accessories For Sliding Automatic Entrances</b> (08 42 29 23)		
			See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0041	EA		Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	3,051.54	478.28
			Note: Includes motor for pair of sliding doors (2 panels).		

**08 Openings****08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0042 EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	5,434.72	717.41
Note: Includes motor for pair of sliding doors (4 panel).		
<b>08 42 29 33 Swinging Automatic Entrances (08 42 29)</b>		
Note: Excludes glazing.		
<b>08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight (08 42 29 33)</b>		
Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002 EA Concealed Single Door Swing Door Operator, Up To 350 LB Panel .....	2,370.15	344.30
Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0003 EA Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel .....	4,052.13	459.08
Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0004 EA Exposed Single Door Swing Door Operator, Up To 350 LB Panel.....	1,968.92	275.43
08 42 29 33-0005 EA Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel.....	3,524.32	413.15
<b>08 42 29 33-0006 Activation Devices For Door Operators (08 42 29 33)</b>		
08 42 29 33-0007 EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97).....	325.98	27.54
Note: Includes wiring harness and relays.		
08 42 29 33-0008 EA On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS).....	287.58	27.54
Note: Includes wiring harness and relays.		
08 42 29 33-0009 EA Microwave Motion Sensor For Door Operator (MS Sedco D38) .....	290.64	27.54
Note: Includes wiring harness and relays.		
08 42 29 33-0010 EA Push Plate For Door Operator (MS Sedco 59 Series) .....	107.58	27.54
Note: Excludes wiring from operator to push plate.		
08 42 29 33-0011 EA Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series).....	88.82	27.54
Note: Excludes wiring from operator to push button.		
08 42 29 33-0012 EA Radio Control System For Door Operator (MS Sedco Clearpath).....	464.51	68.86
Note: Includes receiver and two push plate transmitters.		
<i>For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct -64.00</i>		
08 42 29 33-0013 EA Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision).....	717.55	34.43
Note: Includes wiring harness and relays.		
08 42 29 33-0014 EA Guard Rail For Door With Operator .....	141.07	34.43
<b>08 42 36 Balanced Door Entrances (08 42)</b>		
<b>08 42 36 00-0001 Balanced Doors, With Glass (08 42 36)</b>		
Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002 EA 2'-6" x 7'-0" Balanced Door, Stainless Steel.....	8,134.30	139.84
<i>For Bronze Instead Of Stainless Steel, Deduct -1,946.15</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 778.46</i>		
<i>For Tinted Glass, Add 389.23</i>		
<i>For Aluminum, Painted Finish, Deduct -2,335.38</i>		
08 42 36 00-0003 EA 3'-0" x 7'-0" Balanced Door, Stainless Steel.....	8,450.43	139.84
<i>For Bronze Instead Of Stainless Steel, Deduct -2,025.19</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 810.07</i>		
<i>For Tinted Glass, Add 405.04</i>		
<i>For Aluminum, Painted Finish, Deduct -2,430.22</i>		
08 42 36 00-0004 EA 3'-6" x 7'-0" Balanced Door, Stainless Steel.....	9,218.24	139.84
<i>For Bronze Instead Of Stainless Steel, Deduct -2,217.14</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 886.86</i>		
<i>For Tinted Glass, Add 443.43</i>		
<i>For Aluminum, Painted Finish, Deduct -2,660.57</i>		
08 42 36 00-0005 EA 4'-0" x 7'-0" Balanced Door, Stainless Steel.....	10,121.56	139.84
<i>For Bronze Instead Of Stainless Steel, Deduct -2,442.97</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 977.19</i>		
<i>For Tinted Glass, Add 488.59</i>		
<i>For Aluminum, Painted Finish, Deduct -2,931.56</i>		
08 42 36 00-0006 PR Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel .....	16,865.92	265.77
<i>For Bronze Instead Of Stainless Steel, Deduct -4,050.38</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 1,620.15</i>		
<i>For Tinted Glass, Add 810.08</i>		
<i>For Aluminum, Painted Finish, Deduct -4,860.45</i>		
<b>08 43 Storefronts (08 40)</b>		
<b>08 43 13 Aluminum-Framed Storefronts (08 43)</b>		
<b>08 43 13 00-0001 Aluminum Storefront Framing (08 43 13)</b>		
Note: Includes frames, steel reinforcement and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 81 26 00-0050 for insulated glazing.		
08 43 13 00-0002 SF Aluminum Storefront Framing .....	13.93	3.32
<i>For Bronze Anodized Finish, Add 1.34</i>		
<i>For Black Anodized Finish, Add 2.67</i>		
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add 0.89</i>		
<b>08 43 19 Stainless-Steel-Framed Storefronts (08 43)</b>		



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Entrances, Storefronts, And Curtain Walls</b>	<b>08 40</b>	
<b>Storefronts</b>	<b>08 43</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 43 19 00-0001</b> <b>Stainless Steel Storefront Framing</b> <small>(08 43 19)</small>		
<small>Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 26 00-0050 for insulated glazing.</small>		
08 43 19 00-0002    SF    Stainless Steel Storefront Framing .....	36.62	3.46
For 70% Fluoropolymer Exterior Finish (Duramar), Add	3.14	
<b>08 44</b> <b>Curtain Wall And Glazed Assemblies</b> <small>(08 40)</small>		
<b>08 44 13</b> <b>Glazed Aluminum Curtain Walls</b> <small>(08 44)</small>		
08 44 13 00-0001 <b>Curtain Walls</b> <small>(08 44 13)</small>		
08 44 13 00-0002 <b>Coping Sections</b> <small>(08 44 13 00-0001)</small>		
08 44 13 00-0003    LF    Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section .....	25.30	2.08
For Bronze Anodized Aluminum, Add	1.97	
For Stainless Steel, Add	8.50	
For Black Anodized Finish, Add	3.55	
08 44 13 00-0004    LF    Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section .....	26.00	2.08
For Bronze Anodized Aluminum, Add	2.08	
For Stainless Steel, Add	8.92	
For Black Anodized Finish, Add	3.74	
08 44 13 00-0005    LF    Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section .....	31.57	2.76
For Bronze Anodized Aluminum, Add	2.47	
For Stainless Steel, Add	10.63	
For Black Anodized Finish, Add	4.44	
08 44 13 00-0006 <b>Sill Section</b> <small>(08 44 13 00-0001)</small>		
08 44 13 00-0007    LF    Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section .....	19.96	1.38
For Bronze Anodized Aluminum, Add	1.71	
For Stainless Steel, Add	7.28	
For Black Anodized Finish, Add	3.08	
08 44 13 00-0008    LF    Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section .....	21.18	1.38
For Bronze Anodized Aluminum, Add	1.90	
For Stainless Steel, Add	8.01	
For Black Anodized Finish, Add	3.41	
08 44 13 00-0009    LF    Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section .....	22.41	1.38
For Bronze Anodized Aluminum, Add	2.08	
For Stainless Steel, Add	8.75	
For Black Anodized Finish, Add	3.74	
08 44 13 00-0010 <b>Aluminum Column Covers</b> <small>(08 44 13 00-0001)</small>		
<small>Note: Includes all clips and fasteners.</small>		
08 44 13 00-0011    LF    Aluminum Column Covers, 1/8" x 26", Shaped .....	48.24	3.46
For Bronze Anodized Aluminum, Add	4.31	
For Stainless Steel, Add	18.22	
For Black Anodized Finish, Add	7.76	
08 44 13 00-0012    LF    Aluminum Column Covers, 1/8" x 34", Shaped .....	57.36	3.46
For Bronze Anodized Aluminum, Add	5.51	
For Stainless Steel, Add	23.05	
For Black Anodized Finish, Add	9.91	
08 44 13 00-0013    LF    Aluminum Column Covers, 1/8" x 38", Shaped .....	60.62	3.46
For Bronze Anodized Aluminum, Add	5.99	
For Stainless Steel, Add	25.01	
For Black Anodized Finish, Add	10.79	
08 44 13 00-0014 <b>Spandrel Covers</b> <small>(08 44 13 00-0001)</small>		
<small>Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).</small>		
08 44 13 00-0015    SF    1" Spandrel Cover, Aluminum Both Faces .....	18.29	1.38
For Bronze Anodized Aluminum, Add	1.87	
For Stainless Steel, Add	7.77	
For Black Anodized Finish, Add	3.37	
08 44 13 00-0016    SF    1" Spandrel Cover, Aluminum Exterior Face .....	16.44	1.38
For Bronze Anodized Aluminum, Add	1.59	
For Stainless Steel, Add	6.66	
For Black Anodized Finish, Add	2.87	
08 44 13 00-0017    SF    1" Spandrel Cover, Epoxy Both Faces .....	31.76	1.38
For Bronze Anodized Aluminum, Add	3.89	
For Stainless Steel, Add	15.86	
For Black Anodized Finish, Add	7.00	
08 44 13 00-0018    SF    1" Spandrel Cover, Epoxy Exterior Face Only .....	26.54	1.38
For Bronze Anodized Aluminum, Add	3.11	
For Stainless Steel, Add	12.72	
For Black Anodized Finish, Add	5.59	
08 44 13 00-0019    SF    2" Spandrel Cover, Aluminum Both Faces .....	21.00	1.38
For Bronze Anodized Aluminum, Add	2.05	
For Stainless Steel, Add	8.57	
For Black Anodized Finish, Add	3.69	

**08 Openings****08 40 Entrances, Storefronts, And Curtain Walls****08 44 Curtain Wall And Glazed Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0020	SF		2" Spandrel Cover, Aluminum Exterior Face.....	19.25	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	1.79	
			<i>For Stainless Steel, Add</i>	7.52	
			<i>For Black Anodized Finish, Add</i>	3.22	
08 44 13 00-0021	SF		2" Spandrel Cover, Epoxy Both Faces.....	36.67	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	4.40	
			<i>For Stainless Steel, Add</i>	17.98	
			<i>For Black Anodized Finish, Add</i>	7.92	
08 44 13 00-0022	SF		2" Spandrel Cover, Epoxy Exterior Face Only .....	30.65	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	3.50	
			<i>For Stainless Steel, Add</i>	14.36	
			<i>For Black Anodized Finish, Add</i>	6.30	
<b>08 44 13 00-0023</b>			<b>Curtain Wall, Aluminum System Framing Sections</b> <small>(08 44 13 00-0001)</small>		
			Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls.....	17.86	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	1.86	
			<i>For Stainless Steel, Add</i>	7.70	
			<i>For Black Anodized Finish, Add</i>	3.34	
08 44 13 00-0025	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls.....	17.75	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	1.86	
			<i>For Stainless Steel, Add</i>	7.69	
			<i>For Black Anodized Finish, Add</i>	3.34	
08 44 13 00-0026	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls .....	17.76	1.38
			<i>For Bronze Anodized Aluminum, Add</i>	1.86	
			<i>For Stainless Steel, Add</i>	7.70	
			<i>For Black Anodized Finish, Add</i>	3.34	
			<i>For Corner Mullion, Add</i>	3.90	
08 44 13 00-0027	LF		Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls.....	23.10	2.76
			<i>For Bronze Anodized Aluminum, Add</i>	2.22	
			<i>For Stainless Steel, Add</i>	9.29	
			<i>For Black Anodized Finish, Add</i>	3.99	
08 44 13 00-0028	LF		Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls.....	23.10	2.76
			<i>For Bronze Anodized Aluminum, Add</i>	2.22	
			<i>For Stainless Steel, Add</i>	9.29	
			<i>For Black Anodized Finish, Add</i>	3.99	
08 44 13 00-0029	LF		Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls .....	23.10	2.76
			<i>For Bronze Anodized Aluminum, Add</i>	2.22	
			<i>For Stainless Steel, Add</i>	9.29	
			<i>For Black Anodized Finish, Add</i>	3.99	
			<i>For Corner Mullion, Add</i>	4.94	
08 44 13 00-0030	LF		Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls.....	25.43	3.04
			<i>For Bronze Anodized Aluminum, Add</i>	2.43	
			<i>For Stainless Steel, Add</i>	10.19	
			<i>For Black Anodized Finish, Add</i>	4.38	
08 44 13 00-0031	LF		Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls.....	25.43	3.04
			<i>For Bronze Anodized Aluminum, Add</i>	2.43	
			<i>For Stainless Steel, Add</i>	10.19	
			<i>For Black Anodized Finish, Add</i>	4.38	
08 44 13 00-0032	LF		Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls .....	25.43	3.04
			<i>For Bronze Anodized Aluminum, Add</i>	2.43	
			<i>For Stainless Steel, Add</i>	10.19	
			<i>For Black Anodized Finish, Add</i>	4.38	
			<i>For Corner Mullion, Add</i>	5.44	
08 44 13 00-0033	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls.....	27.88	3.46
			<i>For Bronze Anodized Aluminum, Add</i>	2.64	
			<i>For Stainless Steel, Add</i>	11.09	
			<i>For Black Anodized Finish, Add</i>	4.76	
08 44 13 00-0034	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls .....	27.88	3.46
			<i>For Bronze Anodized Aluminum, Add</i>	2.64	
			<i>For Stainless Steel, Add</i>	11.09	
			<i>For Black Anodized Finish, Add</i>	4.76	
08 44 13 00-0035	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls .....	27.88	3.46
			<i>For Bronze Anodized Aluminum, Add</i>	2.64	
			<i>For Stainless Steel, Add</i>	11.09	
			<i>For Black Anodized Finish, Add</i>	4.76	
			<i>For Corner Mullion, Add</i>	5.95	
08 44 13 00-0036	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls.....	31.08	3.74
			<i>For Bronze Anodized Aluminum, Add</i>	2.98	
			<i>For Stainless Steel, Add</i>	12.49	
			<i>For Black Anodized Finish, Add</i>	5.37	
08 44 13 00-0037	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls .....	31.08	3.74
			<i>For Bronze Anodized Aluminum, Add</i>	2.98	
			<i>For Stainless Steel, Add</i>	12.49	
			<i>For Black Anodized Finish, Add</i>	5.37	
08 44 13 00-0038	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls .....	31.08	3.74
			<i>For Bronze Anodized Aluminum, Add</i>	2.98	
			<i>For Stainless Steel, Add</i>	12.49	
			<i>For Black Anodized Finish, Add</i>	5.37	
			<i>For Corner Mullion, Add</i>	6.65	
08 44 13 00-0039	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls.....	35.66	4.15
			<i>For Bronze Anodized Aluminum, Add</i>	3.42	
			<i>For Stainless Steel, Add</i>	14.34	
			<i>For Black Anodized Finish, Add</i>	6.16	



<b>Openings</b>	<b>08</b>
<b>Entrances, Storefronts, And Curtain Walls</b>	<b>08 40</b>
<b>Curtain Wall And Glazed Assemblies</b>	<b>08 44</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0040	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls ..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	35.66 3.42 14.34 6.16	4.15
08 44 13 00-0041	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls ..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	35.66 3.42 14.34 6.16 7.63	4.15

**08 50 Windows**<sup>(08)</sup>

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

**08 51 Metal Windows**<sup>(08 50)</sup>

**08 51 13 Aluminum Windows**<sup>(08 51)</sup>

Note: All units are of standard brushed finish. See CSI section 08 80 00 00-0000 for glazing.

**08 51 13 00-0001 Aluminum Windows**<sup>(08 51 13)</sup>

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

**08 51 13 00-0002 Single Hung Aluminum Windows**<sup>(08 51 13 00-0001)</sup>

**08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)**<sup>(08 51 13 00-0002)</sup>

08 51 13 00-0004	EA		Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	255.17 3.57 8.93 10.72 12.51 19.77	45.91
08 51 13 00-0005	EA		>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	287.53 4.12 10.31 12.37 14.44 21.42	48.78
08 51 13 00-0006	EA		>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	315.10 4.58 11.45 13.74 16.03 22.94	51.65
08 51 13 00-0007	EA		>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	337.86 4.94 12.35 14.82 17.29 24.35	54.53
08 51 13 00-0008	EA		>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	389.41 5.88 14.69 17.63 20.56 26.47	57.39
08 51 13 00-0009	SF		>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	12.67 0.20 0.49 0.59 0.69 0.82	1.72

**08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)**<sup>(08 51 13 00-0002)</sup>

08 51 13 00-0011	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	382.26 6.11 15.29 18.34 21.40 22.95	45.91
08 51 13 00-0012	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	425.41 6.88 17.21 20.65 24.09 24.86	48.78
08 51 13 00-0013	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	461.38 7.51 18.76 22.52 26.27 26.80	51.65

**08 Openings**

08 50 Windows

08 51 Metal Windows



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) .....	496.13	54.53
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.11	
		<i>For Clear Anodized Finish, Add</i>	20.26	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	24.32	
		<i>For Color Anodized Finish, Add</i>	28.37	
		<i>For Installation In Concrete Or Masonry, Add</i>	28.31	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) .....	590.84	57.39
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.90	
		<i>For Clear Anodized Finish, Add</i>	24.76	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	29.71	
		<i>For Color Anodized Finish, Add</i>	34.66	
		<i>For Installation In Concrete Or Masonry, Add</i>	31.51	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) .....	19.38	1.72
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.33	
		<i>For Clear Anodized Finish, Add</i>	0.83	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	0.99	
		<i>For Color Anodized Finish, Add</i>	1.16	
		<i>For Installation In Concrete Or Masonry, Add</i>	0.99	
08 51 13 00-0017		<b>3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)</b> <small>(08 51 13 00-0002)</small>		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	403.85	45.91
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.55	
		<i>For Clear Anodized Finish, Add</i>	16.37	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	19.64	
		<i>For Color Anodized Finish, Add</i>	22.91	
		<i>For Installation In Concrete Or Masonry, Add</i>	23.49	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	455.39	48.78
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.48	
		<i>For Clear Anodized Finish, Add</i>	18.70	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	22.45	
		<i>For Color Anodized Finish, Add</i>	26.19	
		<i>For Installation In Concrete Or Masonry, Add</i>	25.61	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	497.35	51.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.23	
		<i>For Clear Anodized Finish, Add</i>	20.56	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	24.68	
		<i>For Color Anodized Finish, Add</i>	28.79	
		<i>For Installation In Concrete Or Masonry, Add</i>	27.50	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	538.10	54.53
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.94	
		<i>For Clear Anodized Finish, Add</i>	22.36	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	26.83	
		<i>For Color Anodized Finish, Add</i>	31.31	
		<i>For Installation In Concrete Or Masonry, Add</i>	29.35	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	642.39	57.39
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.93	
		<i>For Clear Anodized Finish, Add</i>	27.34	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	32.80	
		<i>For Color Anodized Finish, Add</i>	38.27	
		<i>For Installation In Concrete Or Masonry, Add</i>	32.80	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	21.09	1.72
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.36	
		<i>For Clear Anodized Finish, Add</i>	0.91	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.09	
		<i>For Color Anodized Finish, Add</i>	1.28	
		<i>For Installation In Concrete Or Masonry, Add</i>	1.03	
08 51 13 00-0024		<b>4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)</b> <small>(08 51 13 00-0002)</small>		
08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	444.61	45.91
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.36	
		<i>For Clear Anodized Finish, Add</i>	18.40	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	22.09	
		<i>For Color Anodized Finish, Add</i>	25.77	
		<i>For Installation In Concrete Or Masonry, Add</i>	24.51	
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	511.74	48.78
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.61	
		<i>For Clear Anodized Finish, Add</i>	21.52	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	25.83	
		<i>For Color Anodized Finish, Add</i>	30.13	
		<i>For Installation In Concrete Or Masonry, Add</i>	27.02	
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) .....	554.90	51.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.38	
		<i>For Clear Anodized Finish, Add</i>	23.44	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	28.13	
		<i>For Color Anodized Finish, Add</i>	32.82	
		<i>For Installation In Concrete Or Masonry, Add</i>	28.94	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	595.65	54.53	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.10		
		<i>For Clear Anodized Finish, Add</i>	25.24		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	30.29		
		<i>For Color Anodized Finish, Add</i>	35.33		
		<i>For Installation In Concrete Or Masonry, Add</i>	30.79		
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	691.55	57.39	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.92		
		<i>For Clear Anodized Finish, Add</i>	29.80		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	35.75		
		<i>For Color Anodized Finish, Add</i>	41.71		
		<i>For Installation In Concrete Or Masonry, Add</i>	34.03		
08 51 13 00-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	22.74	1.72	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.40		
		<i>For Clear Anodized Finish, Add</i>	0.99		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.19		
		<i>For Color Anodized Finish, Add</i>	1.39		
		<i>For Installation In Concrete Or Masonry, Add</i>	1.07		
08 51 13 00-0031		<b>Double Hung Aluminum Windows</b> (08 51 13 00-0001)			
08 51 13 00-0032		<b>3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)</b> (08 51 13 00-0031)			
08 51 13 00-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	287.54	45.91	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.22		
		<i>For Clear Anodized Finish, Add</i>	10.55		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	12.66		
		<i>For Color Anodized Finish, Add</i>	14.77		
		<i>For Installation In Concrete Or Masonry, Add</i>	20.58		
08 51 13 00-0034	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	318.70	48.78	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.75		
		<i>For Clear Anodized Finish, Add</i>	11.87		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	14.24		
		<i>For Color Anodized Finish, Add</i>	16.62		
		<i>For Installation In Concrete Or Masonry, Add</i>	22.20		
08 51 13 00-0035	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	345.07	51.65	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.18		
		<i>For Clear Anodized Finish, Add</i>	12.95		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	15.54		
		<i>For Color Anodized Finish, Add</i>	18.13		
		<i>For Installation In Concrete Or Masonry, Add</i>	23.69		
08 51 13 00-0036	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	372.63	54.53	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.64		
		<i>For Clear Anodized Finish, Add</i>	14.09		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	16.91		
		<i>For Color Anodized Finish, Add</i>	19.72		
		<i>For Installation In Concrete Or Masonry, Add</i>	25.22		
08 51 13 00-0037	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	436.17	57.39	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.81		
		<i>For Clear Anodized Finish, Add</i>	17.03		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	20.43		
		<i>For Color Anodized Finish, Add</i>	23.84		
		<i>For Installation In Concrete Or Masonry, Add</i>	27.64		
08 51 13 00-0038	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	14.22	1.72	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.23		
		<i>For Clear Anodized Finish, Add</i>	0.57		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	0.68		
		<i>For Color Anodized Finish, Add</i>	0.79		
		<i>For Installation In Concrete Or Masonry, Add</i>	0.86		
08 51 13 00-0039		<b>4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)</b> (08 51 13 00-0031)			
08 51 13 00-0040	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	355.89	45.91	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.59		
		<i>For Clear Anodized Finish, Add</i>	13.97		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	16.76		
		<i>For Color Anodized Finish, Add</i>	19.56		
		<i>For Installation In Concrete Or Masonry, Add</i>	22.29		
08 51 13 00-0041	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	413.42	48.78	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.64		
		<i>For Clear Anodized Finish, Add</i>	16.61		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	19.93		
		<i>For Color Anodized Finish, Add</i>	23.25		
		<i>For Installation In Concrete Or Masonry, Add</i>	24.56		
08 51 13 00-0042	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	460.18	51.65	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.48		
		<i>For Clear Anodized Finish, Add</i>	18.70		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	22.45		
		<i>For Color Anodized Finish, Add</i>	26.19		
		<i>For Installation In Concrete Or Masonry, Add</i>	26.57		

**08 Openings**

08 50 Windows

08 51 Metal Windows



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0043	EA >15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	512.92 8.44 21.10 25.32 29.54 28.73	54.53
08 51 13 00-0044	EA >20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	610.02 10.29 25.72 30.86 36.01 31.99	57.39
08 51 13 00-0045	SF >30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	20.02 0.34 0.86 1.03 1.20 1.00	1.72
<b>08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) <small>(08 51 13 00-0031)</small></b>			
08 51 13 00-0047	EA Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	450.61 7.48 18.70 22.45 26.19 24.66	45.91
08 51 13 00-0048	EA >6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	517.74 8.73 21.82 26.19 30.55 27.17	48.78
08 51 13 00-0049	EA >10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	574.08 9.76 24.40 29.28 34.16 29.42	51.65
08 51 13 00-0050	EA >15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	629.22 10.77 26.92 32.30 37.68 31.63	54.53
08 51 13 00-0051	EA >20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	762.29 13.33 33.33 40.00 46.66 35.80	57.39
08 51 13 00-0052	SF >30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	25.09 0.44 1.11 1.33 1.56 1.13	1.72
<b>08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) <small>(08 51 13 00-0031)</small></b>			
08 51 13 00-0054	EA Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	708.38 12.54 31.35 37.62 43.90 31.94	48.78
08 51 13 00-0055	EA >10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	776.71 13.81 34.53 41.44 48.34 34.48	51.65
08 51 13 00-0056	EA >15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	857.03 15.32 38.31 45.97 53.63 37.33	54.53



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0057	EA		>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	992.50	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	17.94	
			For Clear Anodized Finish, Add	44.84	
			For 70% Fluoropolymer Finish (Duramar), Add	53.81	
			For Color Anodized Finish, Add	62.78	
			For Installation In Concrete Or Masonry, Add	41.55	
08 51 13 00-0058	SF		>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	32.73	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.60	
			For Clear Anodized Finish, Add	1.49	
			For 70% Fluoropolymer Finish (Duramar), Add	1.79	
			For Color Anodized Finish, Add	2.09	
			For Installation In Concrete Or Masonry, Add	1.32	
<b>08 51 13 00-0059</b>			<b>5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08 51 13 00-0031)</b>		
08 51 13 00-0060	EA		Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) .....	979.35	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	17.96	
			For Clear Anodized Finish, Add	44.90	
			For 70% Fluoropolymer Finish (Duramar), Add	53.88	
			For Color Anodized Finish, Add	62.86	
			For Installation In Concrete Or Masonry, Add	38.71	
08 51 13 00-0061	EA		>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,056.08	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	19.40	
			For Clear Anodized Finish, Add	48.50	
			For 70% Fluoropolymer Finish (Duramar), Add	58.20	
			For Color Anodized Finish, Add	67.90	
			For Installation In Concrete Or Masonry, Add	41.47	
08 51 13 00-0062	EA		>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,143.59	54.53
			For 50% Fluoropolymer Finish (Acrynar), Add	21.05	
			For Clear Anodized Finish, Add	52.64	
			For 70% Fluoropolymer Finish (Duramar), Add	63.16	
			For Color Anodized Finish, Add	73.69	
			For Installation In Concrete Or Masonry, Add	44.49	
08 51 13 00-0063	EA		>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,295.85	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	24.00	
			For Clear Anodized Finish, Add	60.01	
			For 70% Fluoropolymer Finish (Duramar), Add	72.01	
			For Color Anodized Finish, Add	84.01	
			For Installation In Concrete Or Masonry, Add	49.14	
08 51 13 00-0064	SF		>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	42.92	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.80	
			For Clear Anodized Finish, Add	2.00	
			For 70% Fluoropolymer Finish (Duramar), Add	2.40	
			For Color Anodized Finish, Add	2.80	
			For Installation In Concrete Or Masonry, Add	1.58	
<b>08 51 13 00-0065</b>			<b>Horizontal Sliding Aluminum Windows (08 51 13 00-0001)</b>		
<b>08 51 13 00-0066</b>			<b>One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)</b>		
<b>08 51 13 00-0067</b>			<b>2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08 51 13 00-0066)</b>		
08 51 13 00-0068	EA		Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) .....	261.17	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	3.69	
			For Clear Anodized Finish, Add	9.23	
			For 70% Fluoropolymer Finish (Duramar), Add	11.08	
			For Color Anodized Finish, Add	12.93	
			For Installation In Concrete Or Masonry, Add	19.92	
08 51 13 00-0069	EA		>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) .....	294.72	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	4.27	
			For Clear Anodized Finish, Add	10.67	
			For 70% Fluoropolymer Finish (Duramar), Add	12.81	
			For Color Anodized Finish, Add	14.94	
			For Installation In Concrete Or Masonry, Add	21.60	
08 51 13 00-0070	EA		>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) .....	319.89	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	4.68	
			For Clear Anodized Finish, Add	11.69	
			For 70% Fluoropolymer Finish (Duramar), Add	14.03	
			For Color Anodized Finish, Add	16.37	
			For Installation In Concrete Or Masonry, Add	23.06	
08 51 13 00-0071	EA		>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) .....	346.26	54.53
			For 50% Fluoropolymer Finish (Acrynar), Add	5.11	
			For Clear Anodized Finish, Add	12.77	
			For 70% Fluoropolymer Finish (Duramar), Add	15.32	
			For Color Anodized Finish, Add	17.88	
			For Installation In Concrete Or Masonry, Add	24.56	

**08 Openings**

08 50 Windows

08 51 Metal Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0072	EA		>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	400.20	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	6.09	
			For Clear Anodized Finish, Add	15.23	
			For 70% Fluoropolymer Finish (Duranar), Add	18.27	
			For Color Anodized Finish, Add	21.32	
			For Installation In Concrete Or Masonry, Add	26.74	
08 51 13 00-0073	SF		>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) .....	13.03	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For Clear Anodized Finish, Add	0.51	
			For 70% Fluoropolymer Finish (Duranar), Add	0.61	
			For Color Anodized Finish, Add	0.71	
			For Installation In Concrete Or Masonry, Add	0.83	
08 51 13 00-0074			<b>3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)</b> (08 51 13 00-0066)		
08 51 13 00-0075	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	413.44	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	6.74	
			For Clear Anodized Finish, Add	16.85	
			For 70% Fluoropolymer Finish (Duranar), Add	20.22	
			For Color Anodized Finish, Add	23.58	
			For Installation In Concrete Or Masonry, Add	23.73	
08 51 13 00-0076	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	466.18	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	7.70	
			For Clear Anodized Finish, Add	19.24	
			For 70% Fluoropolymer Finish (Duranar), Add	23.09	
			For Color Anodized Finish, Add	26.94	
			For Installation In Concrete Or Masonry, Add	25.88	
08 51 13 00-0077	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	508.14	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	8.44	
			For Clear Anodized Finish, Add	21.10	
			For 70% Fluoropolymer Finish (Duranar), Add	25.32	
			For Color Anodized Finish, Add	29.54	
			For Installation In Concrete Or Masonry, Add	27.77	
08 51 13 00-0078	EA		>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	548.89	54.53
			For 50% Fluoropolymer Finish (Acrynar), Add	9.16	
			For Clear Anodized Finish, Add	22.90	
			For 70% Fluoropolymer Finish (Duranar), Add	27.48	
			For Color Anodized Finish, Add	32.06	
			For Installation In Concrete Or Masonry, Add	29.62	
08 51 13 00-0079	EA		>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	637.60	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	10.84	
			For Clear Anodized Finish, Add	27.10	
			For 70% Fluoropolymer Finish (Duranar), Add	32.52	
			For Color Anodized Finish, Add	37.94	
			For Installation In Concrete Or Masonry, Add	32.68	
08 51 13 00-0080	SF		>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) .....	20.94	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
			For Clear Anodized Finish, Add	0.90	
			For 70% Fluoropolymer Finish (Duranar), Add	1.08	
			For Color Anodized Finish, Add	1.26	
			For Installation In Concrete Or Masonry, Add	1.03	
08 51 13 00-0081			<b>Two Rolling Sashes, Horizontal Sliding Aluminum Windows</b> (08 51 13 00-0065)		
08 51 13 00-0082			<b>3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)</b> (08 51 13 00-0081)		
08 51 13 00-0083	EA		Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	292.34	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	4.32	
			For Clear Anodized Finish, Add	10.79	
			For 70% Fluoropolymer Finish (Duranar), Add	12.95	
			For Color Anodized Finish, Add	15.11	
			For Installation In Concrete Or Masonry, Add	20.70	
08 51 13 00-0084	EA		>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) .....	335.49	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	5.08	
			For Clear Anodized Finish, Add	12.71	
			For 70% Fluoropolymer Finish (Duranar), Add	15.25	
			For Color Anodized Finish, Add	17.79	
			For Installation In Concrete Or Masonry, Add	22.61	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	.....	364.26	51.65
		For 50% Fluoropolymer Finish (Acrynar), Add		5.56	
		For Clear Anodized Finish, Add		13.91	
		For 70% Fluoropolymer Finish (Duranar), Add		16.69	
		For Color Anodized Finish, Add		19.47	
		For Installation In Concrete Or Masonry, Add		24.17	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	.....	388.22	54.53
		For 50% Fluoropolymer Finish (Acrynar), Add		5.95	
		For Clear Anodized Finish, Add		14.87	
		For 70% Fluoropolymer Finish (Duranar), Add		17.84	
		For Color Anodized Finish, Add		20.81	
		For Installation In Concrete Or Masonry, Add		25.61	
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	.....	449.35	57.39
		For 50% Fluoropolymer Finish (Acrynar), Add		7.07	
		For Clear Anodized Finish, Add		17.69	
		For 70% Fluoropolymer Finish (Duranar), Add		21.22	
		For Color Anodized Finish, Add		24.76	
		For Installation In Concrete Or Masonry, Add		27.97	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	.....	14.66	1.72
		For 50% Fluoropolymer Finish (Acrynar), Add		0.24	
		For Clear Anodized Finish, Add		0.59	
		For 70% Fluoropolymer Finish (Duranar), Add		0.71	
		For Color Anodized Finish, Add		0.83	
		For Installation In Concrete Or Masonry, Add		0.87	
08 51 13 00-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)			
08 51 13 00-0090		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) (08 51 13 00-0089)			
08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	746.76	45.91
		For 50% Fluoropolymer Finish (Acrynar), Add		13.40	
		For Clear Anodized Finish, Add		33.51	
		For 70% Fluoropolymer Finish (Duranar), Add		40.21	
		For Color Anodized Finish, Add		46.92	
		For Installation In Concrete Or Masonry, Add		32.06	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	859.44	53.09
		For 50% Fluoropolymer Finish (Acrynar), Add		15.42	
		For Clear Anodized Finish, Add		38.55	
		For 70% Fluoropolymer Finish (Duranar), Add		46.26	
		For Color Anodized Finish, Add		53.97	
		For Installation In Concrete Or Masonry, Add		36.97	
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	928.97	55.96
		For 50% Fluoropolymer Finish (Acrynar), Add		16.71	
		For Clear Anodized Finish, Add		41.79	
		For 70% Fluoropolymer Finish (Duranar), Add		50.14	
		For Color Anodized Finish, Add		58.50	
		For Installation In Concrete Or Masonry, Add		39.55	
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	1,123.17	63.13
		For 50% Fluoropolymer Finish (Acrynar), Add		20.36	
		For Clear Anodized Finish, Add		50.90	
		For 70% Fluoropolymer Finish (Duranar), Add		61.08	
		For Color Anodized Finish, Add		71.26	
		For Installation In Concrete Or Masonry, Add		46.49	
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	1,296.99	71.74
		For 50% Fluoropolymer Finish (Acrynar), Add		23.55	
		For Clear Anodized Finish, Add		58.87	
		For 70% Fluoropolymer Finish (Duranar), Add		70.65	
		For Color Anodized Finish, Add		82.42	
		For Installation In Concrete Or Masonry, Add		53.35	
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	.....	22.49	1.72
		For 50% Fluoropolymer Finish (Acrynar), Add		0.39	
		For Clear Anodized Finish, Add		0.98	
		For 70% Fluoropolymer Finish (Duranar), Add		1.18	
		For Color Anodized Finish, Add		1.37	
		For Installation In Concrete Or Masonry, Add		1.06	
08 51 13 00-0097		Fixed Aluminum Windows (08 51 13 00-0001)			
08 51 13 00-0098		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) (08 51 13 00-0097)			

**08 Openings****08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	204.81	45.91
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	2.57	
		<i>For Clear Anodized Finish, Add</i>	6.41	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	7.70	
		<i>For Color Anodized Finish, Add</i>	8.98	
		<i>For Installation In Concrete Or Masonry, Add</i>	18.51	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) .....	233.57	48.78
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.05	
		<i>For Clear Anodized Finish, Add</i>	7.61	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	9.14	
		<i>For Color Anodized Finish, Add</i>	10.66	
		<i>For Installation In Concrete Or Masonry, Add</i>	20.07	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) .....	246.76	51.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.21	
		<i>For Clear Anodized Finish, Add</i>	8.03	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	9.64	
		<i>For Color Anodized Finish, Add</i>	11.25	
		<i>For Installation In Concrete Or Masonry, Add</i>	21.23	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) .....	259.93	54.53
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.38	
		<i>For Clear Anodized Finish, Add</i>	8.45	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	10.14	
		<i>For Color Anodized Finish, Add</i>	11.83	
		<i>For Installation In Concrete Or Masonry, Add</i>	22.40	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) .....	342.64	57.39
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.94	
		<i>For Clear Anodized Finish, Add</i>	12.35	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	14.82	
		<i>For Color Anodized Finish, Add</i>	17.29	
		<i>For Installation In Concrete Or Masonry, Add</i>	25.30	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	11.11	1.72
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.16	
		<i>For Clear Anodized Finish, Add</i>	0.41	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	0.49	
		<i>For Color Anodized Finish, Add</i>	0.58	
		<i>For Installation In Concrete Or Masonry, Add</i>	0.78	
08 51 13 00-0105		<b>2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)</b> <small>(08 51 13 00-0097)</small>		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	257.57	45.91
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.62	
		<i>For Clear Anodized Finish, Add</i>	9.05	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	10.86	
		<i>For Color Anodized Finish, Add</i>	12.67	
		<i>For Installation In Concrete Or Masonry, Add</i>	19.83	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	294.72	48.78
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.27	
		<i>For Clear Anodized Finish, Add</i>	10.67	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	12.81	
		<i>For Color Anodized Finish, Add</i>	14.94	
		<i>For Installation In Concrete Or Masonry, Add</i>	21.60	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	317.50	51.65
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.63	
		<i>For Clear Anodized Finish, Add</i>	11.57	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	13.88	
		<i>For Color Anodized Finish, Add</i>	16.20	
		<i>For Installation In Concrete Or Masonry, Add</i>	23.00	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	341.46	54.53
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.01	
		<i>For Clear Anodized Finish, Add</i>	12.53	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	15.04	
		<i>For Color Anodized Finish, Add</i>	17.54	
		<i>For Installation In Concrete Or Masonry, Add</i>	24.44	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	449.35	57.39
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.07	
		<i>For Clear Anodized Finish, Add</i>	17.69	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	21.22	
		<i>For Color Anodized Finish, Add</i>	24.76	
		<i>For Installation In Concrete Or Masonry, Add</i>	27.97	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) .....	14.66	1.72
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.24	
		<i>For Clear Anodized Finish, Add</i>	0.59	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	0.71	
		<i>For Color Anodized Finish, Add</i>	0.83	
		<i>For Installation In Concrete Or Masonry, Add</i>	0.87	
08 51 13 00-0112		<b>3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)</b> <small>(08 51 13 00-0097)</small>		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900) .....	221.60	45.91
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	2.90	
		<i>For Clear Anodized Finish, Add</i>	7.25	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	8.70	
		<i>For Color Anodized Finish, Add</i>	10.16	
		<i>For Installation In Concrete Or Masonry, Add</i>	18.93	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51	13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	258.75	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	3.55	
			For Clear Anodized Finish, Add	8.87	
			For 70% Fluoropolymer Finish (Duranar), Add	10.65	
			For Color Anodized Finish, Add	12.42	
			For Installation In Concrete Or Masonry, Add	20.70	
08 51	13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	279.13	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	3.86	
			For Clear Anodized Finish, Add	9.65	
			For 70% Fluoropolymer Finish (Duranar), Add	11.58	
			For Color Anodized Finish, Add	13.51	
			For Installation In Concrete Or Masonry, Add	22.04	
08 51	13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	300.69	54.53
			For 50% Fluoropolymer Finish (Acrynar), Add	4.20	
			For Clear Anodized Finish, Add	10.49	
			For 70% Fluoropolymer Finish (Duranar), Add	12.59	
			For Color Anodized Finish, Add	14.69	
			For Installation In Concrete Or Masonry, Add	23.42	
08 51	13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	402.59	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	6.14	
			For Clear Anodized Finish, Add	15.35	
			For 70% Fluoropolymer Finish (Duranar), Add	18.42	
			For Color Anodized Finish, Add	21.49	
			For Installation In Concrete Or Masonry, Add	26.80	
08 51	13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	13.10	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For Clear Anodized Finish, Add	0.51	
			For 70% Fluoropolymer Finish (Duranar), Add	0.61	
			For Color Anodized Finish, Add	0.72	
			For Installation In Concrete Or Masonry, Add	0.83	
08 51	13 00-0119		<b>4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)</b> (08 51 13 00-0097)		
08 51	13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	220.40	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	2.88	
			For Clear Anodized Finish, Add	7.19	
			For 70% Fluoropolymer Finish (Duranar), Add	8.63	
			For Color Anodized Finish, Add	10.07	
			For Installation In Concrete Or Masonry, Add	18.90	
08 51	13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	253.96	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	3.45	
			For Clear Anodized Finish, Add	8.63	
			For 70% Fluoropolymer Finish (Duranar), Add	10.36	
			For Color Anodized Finish, Add	12.09	
			For Installation In Concrete Or Masonry, Add	20.58	
08 51	13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	274.33	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	3.76	
			For Clear Anodized Finish, Add	9.41	
			For 70% Fluoropolymer Finish (Duranar), Add	11.29	
			For Color Anodized Finish, Add	13.18	
			For Installation In Concrete Or Masonry, Add	21.92	
08 51	13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	295.90	54.53
			For 50% Fluoropolymer Finish (Acrynar), Add	4.10	
			For Clear Anodized Finish, Add	10.25	
			For 70% Fluoropolymer Finish (Duranar), Add	12.30	
			For Color Anodized Finish, Add	14.35	
			For Installation In Concrete Or Masonry, Add	23.30	
08 51	13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	397.80	57.39
			For 50% Fluoropolymer Finish (Acrynar), Add	6.04	
			For Clear Anodized Finish, Add	15.11	
			For 70% Fluoropolymer Finish (Duranar), Add	18.13	
			For Color Anodized Finish, Add	21.15	
			For Installation In Concrete Or Masonry, Add	26.68	
08 51	13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) .....	12.94	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For Clear Anodized Finish, Add	0.50	
			For 70% Fluoropolymer Finish (Duranar), Add	0.60	
			For Color Anodized Finish, Add	0.70	
			For Installation In Concrete Or Masonry, Add	0.83	
08 51	13 00-0126		<b>Projected Aluminum Windows</b> (08 51 13 00-0001)		
08 51	13 00-0127		<b>Single Vent, Projected Aluminum Windows</b> (08 51 13 00-0126)		
08 51	13 00-0128		<b>2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)</b> (08 51 13 00-0127)		
08 51	13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250).....	294.98	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	4.37	
			For Clear Anodized Finish, Add	10.92	
			For 70% Fluoropolymer Finish (Duranar), Add	13.11	
			For Color Anodized Finish, Add	15.29	
			For Installation In Concrete Or Masonry, Add	20.77	

**08 Openings**

08 50 Windows

08 51 Metal Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0130	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	319.78 4.77 11.92 14.31 16.69 22.22	48.78
08 51 13 00-0131	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	348.67 5.25 13.13 15.75 18.38 23.78	51.65
08 51 13 00-0132	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	20.38 0.35 0.88 1.05 1.23 1.01	1.72
<b>08 51 13 00-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0127)</b>					
08 51 13 00-0134	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	400.98 6.49 16.22 19.47 22.71 23.42	45.91
08 51 13 00-0135	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	443.29 7.24 18.10 21.72 25.34 25.31	48.78
08 51 13 00-0136	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	492.55 8.13 20.32 24.39 28.45 27.38	51.65
08 51 13 00-0137	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	29.97 0.54 1.36 1.63 1.90 1.25	1.72
<b>08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0127)</b>					
08 51 13 00-0139	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	440.74 7.28 18.21 21.85 25.50 24.41	45.91
08 51 13 00-0140	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	489.60 8.17 20.42 24.50 28.58 26.47	48.78
08 51 13 00-0141	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	546.51 9.21 23.02 27.63 32.23 28.73	51.65
08 51 13 00-0142	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) ..... For 50% Fluoropolymer Finish (Acrynar), Add For Clear Anodized Finish, Add For 70% Fluoropolymer Finish (Duranar), Add For Color Anodized Finish, Add For Installation In Concrete Or Masonry, Add	33.56 0.61 1.53 1.84 2.15 1.34	1.72
<b>08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0127)</b>					





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0144	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) .....	468.13	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	7.83	
			For Clear Anodized Finish, Add	19.58	
			For 70% Fluoropolymer Finish (Duramar), Add	23.50	
			For Color Anodized Finish, Add	27.41	
			For Installation In Concrete Or Masonry, Add	25.09	
08 51 13 00-0145	EA		>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) .....	521.50	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	8.80	
			For Clear Anodized Finish, Add	22.01	
			For 70% Fluoropolymer Finish (Duramar), Add	26.41	
			For Color Anodized Finish, Add	30.81	
			For Installation In Concrete Or Masonry, Add	27.27	
08 51 13 00-0146	EA		>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) .....	583.67	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	9.95	
			For Clear Anodized Finish, Add	24.88	
			For 70% Fluoropolymer Finish (Duramar), Add	29.85	
			For Color Anodized Finish, Add	34.83	
			For Installation In Concrete Or Masonry, Add	29.66	
08 51 13 00-0147	SF		>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600) .....	36.05	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.66	
			For Clear Anodized Finish, Add	1.66	
			For 70% Fluoropolymer Finish (Duramar), Add	1.99	
			For Color Anodized Finish, Add	2.32	
			For Installation In Concrete Or Masonry, Add	1.40	
<b>08 51 13 00-0148 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0127)</b>					
08 51 13 00-0149	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) .....	464.59	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	7.76	
			For Clear Anodized Finish, Add	19.40	
			For 70% Fluoropolymer Finish (Duramar), Add	23.28	
			For Color Anodized Finish, Add	27.16	
			For Installation In Concrete Or Masonry, Add	25.01	
08 51 13 00-0150	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) .....	517.39	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	8.72	
			For Clear Anodized Finish, Add	21.80	
			For 70% Fluoropolymer Finish (Duramar), Add	26.17	
			For Color Anodized Finish, Add	30.53	
			For Installation In Concrete Or Masonry, Add	27.16	
08 51 13 00-0151	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) .....	578.88	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	9.86	
			For Clear Anodized Finish, Add	24.64	
			For 70% Fluoropolymer Finish (Duramar), Add	29.57	
			For Color Anodized Finish, Add	34.50	
			For Installation In Concrete Or Masonry, Add	29.54	
08 51 13 00-0152	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) .....	35.72	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.66	
			For Clear Anodized Finish, Add	1.64	
			For 70% Fluoropolymer Finish (Duramar), Add	1.97	
			For Color Anodized Finish, Add	2.30	
			For Installation In Concrete Or Masonry, Add	1.40	
<b>08 51 13 00-0153 Fixed Over Vent, Projected Aluminum Windows (08 51 13 00-0126)</b>					
<b>08 51 13 00-0154 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0153)</b>					
08 51 13 00-0155	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) .....	410.71	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	6.88	
			For Clear Anodized Finish, Add	16.71	
			For 70% Fluoropolymer Finish (Duramar), Add	20.05	
			For Color Anodized Finish, Add	23.39	
			For Installation In Concrete Or Masonry, Add	23.66	
08 51 13 00-0156	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) .....	454.61	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	7.47	
			For Clear Anodized Finish, Add	18.67	
			For 70% Fluoropolymer Finish (Duramar), Add	22.40	
			For Color Anodized Finish, Add	26.13	
			For Installation In Concrete Or Masonry, Add	25.59	
08 51 13 00-0157	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) .....	505.74	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	8.39	
			For Clear Anodized Finish, Add	20.98	
			For 70% Fluoropolymer Finish (Duramar), Add	25.18	
			For Color Anodized Finish, Add	29.38	
			For Installation In Concrete Or Masonry, Add	27.71	

**08 Openings****08 50 Windows**

08 51 Metal Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0158	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	30.81	1.72
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.56	
			<i>For Clear Anodized Finish, Add</i>	1.40	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.68	
			<i>For Color Anodized Finish, Add</i>	1.96	
			<i>For Installation In Concrete Or Masonry, Add</i>	1.27	
<b>08 51 13 00-0159</b>			<b>2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0153)</b>		
08 51 13 00-0160	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) .....	578.55	45.91
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.04	
			<i>For Clear Anodized Finish, Add</i>	25.10	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	30.12	
			<i>For Color Anodized Finish, Add</i>	35.14	
			<i>For Installation In Concrete Or Masonry, Add</i>	27.85	
08 51 13 00-0161	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) .....	650.15	48.78
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.38	
			<i>For Clear Anodized Finish, Add</i>	28.44	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	34.13	
			<i>For Color Anodized Finish, Add</i>	39.82	
			<i>For Installation In Concrete Or Masonry, Add</i>	30.48	
08 51 13 00-0162	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) .....	733.55	51.65
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.95	
			<i>For Clear Anodized Finish, Add</i>	32.37	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	38.85	
			<i>For Color Anodized Finish, Add</i>	45.32	
			<i>For Installation In Concrete Or Masonry, Add</i>	33.40	
08 51 13 00-0163	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) .....	46.03	1.72
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.86	
			<i>For Clear Anodized Finish, Add</i>	2.16	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	2.59	
			<i>For Color Anodized Finish, Add</i>	3.02	
			<i>For Installation In Concrete Or Masonry, Add</i>	1.65	
<b>08 51 13 00-0164</b>			<b>3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0153)</b>		
08 51 13 00-0165	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) .....	613.89	45.91
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.75	
			<i>For Clear Anodized Finish, Add</i>	26.87	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	32.24	
			<i>For Color Anodized Finish, Add</i>	37.62	
			<i>For Installation In Concrete Or Masonry, Add</i>	28.74	
08 51 13 00-0166	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) .....	691.32	48.78
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.20	
			<i>For Clear Anodized Finish, Add</i>	30.50	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	36.60	
			<i>For Color Anodized Finish, Add</i>	42.70	
			<i>For Installation In Concrete Or Masonry, Add</i>	31.51	
08 51 13 00-0167	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) .....	781.51	51.65
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.91	
			<i>For Clear Anodized Finish, Add</i>	34.77	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	41.73	
			<i>For Color Anodized Finish, Add</i>	48.68	
			<i>For Installation In Concrete Or Masonry, Add</i>	34.60	
08 51 13 00-0168	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) .....	49.15	1.72
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.93	
			<i>For Clear Anodized Finish, Add</i>	2.31	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	2.78	
			<i>For Color Anodized Finish, Add</i>	3.24	
			<i>For Installation In Concrete Or Masonry, Add</i>	1.73	
<b>08 51 13 00-0169</b>			<b>3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0153)</b>		
08 51 13 00-0170	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) .....	610.36	45.91
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.68	
			<i>For Clear Anodized Finish, Add</i>	26.69	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	32.03	
			<i>For Color Anodized Finish, Add</i>	37.37	
			<i>For Installation In Concrete Or Masonry, Add</i>	28.65	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0171	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	687.20	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	12.12	
			For Clear Anodized Finish, Add	30.30	
			For 70% Fluoropolymer Finish (Duranar), Add	36.35	
			For Color Anodized Finish, Add	42.41	
			For Installation In Concrete Or Masonry, Add	31.41	
08 51 13 00-0172	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	776.71	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	13.81	
			For Clear Anodized Finish, Add	34.53	
			For 70% Fluoropolymer Finish (Duranar), Add	41.44	
			For Color Anodized Finish, Add	48.34	
			For Installation In Concrete Or Masonry, Add	34.48	
08 51 13 00-0173	SF		>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	48.91	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.92	
			For Clear Anodized Finish, Add	2.30	
			For 70% Fluoropolymer Finish (Duranar), Add	2.76	
			For Color Anodized Finish, Add	3.22	
			For Installation In Concrete Or Masonry, Add	1.73	
<b>08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0153)</b>					
08 51 13 00-0175	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	665.13	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	11.77	
			For Clear Anodized Finish, Add	29.43	
			For 70% Fluoropolymer Finish (Duranar), Add	35.32	
			For Color Anodized Finish, Add	41.20	
			For Installation In Concrete Or Masonry, Add	30.02	
08 51 13 00-0176	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	751.01	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	13.39	
			For Clear Anodized Finish, Add	33.49	
			For 70% Fluoropolymer Finish (Duranar), Add	40.18	
			For Color Anodized Finish, Add	46.88	
			For Installation In Concrete Or Masonry, Add	33.00	
08 51 13 00-0177	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	851.05	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	15.30	
			For Clear Anodized Finish, Add	38.25	
			For 70% Fluoropolymer Finish (Duranar), Add	45.90	
			For Color Anodized Finish, Add	53.55	
			For Installation In Concrete Or Masonry, Add	36.34	
08 51 13 00-0178	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	53.83	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	1.02	
			For Clear Anodized Finish, Add	2.55	
			For 70% Fluoropolymer Finish (Duranar), Add	3.06	
			For Color Anodized Finish, Add	3.57	
			For Installation In Concrete Or Masonry, Add	1.85	
<b>08 51 13 00-0179 Casement Aluminum Windows (08 51 13 00-0001)</b>					
<b>08 51 13 00-0180 Single Vent, Casement Aluminum Windows (08 51 13 00-0179)</b>					
<b>08 51 13 00-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0180)</b>					
08 51 13 00-0182	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	338.26	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	5.23	
			For Clear Anodized Finish, Add	13.09	
			For 70% Fluoropolymer Finish (Duranar), Add	15.70	
			For Color Anodized Finish, Add	18.32	
			For Installation In Concrete Or Masonry, Add	21.85	
08 51 13 00-0183	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	370.21	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	5.78	
			For Clear Anodized Finish, Add	14.45	
			For 70% Fluoropolymer Finish (Duranar), Add	17.33	
			For Color Anodized Finish, Add	20.22	
			For Installation In Concrete Or Masonry, Add	23.48	
08 51 13 00-0184	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	407.42	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	6.43	
			For Clear Anodized Finish, Add	16.07	
			For 70% Fluoropolymer Finish (Duranar), Add	19.28	
			For Color Anodized Finish, Add	22.49	
			For Installation In Concrete Or Masonry, Add	25.25	
08 51 13 00-0185	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	24.30	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.43	
			For Clear Anodized Finish, Add	1.07	
			For 70% Fluoropolymer Finish (Duranar), Add	1.29	
			For Color Anodized Finish, Add	1.50	
			For Installation In Concrete Or Masonry, Add	1.11	

**08 Openings**

08 50 Windows

08 51 Metal Windows



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0186		<b>2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)</b> (08 51 13 00-0180)		
08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	499.05	45.91
		For 50% Fluoropolymer Finish (Acrynar), Add	8.45	
		For Clear Anodized Finish, Add	21.13	
		For 70% Fluoropolymer Finish (Duranar), Add	25.35	
		For Color Anodized Finish, Add	29.58	
		For Installation In Concrete Or Masonry, Add	25.87	
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	557.52	48.78
		For 50% Fluoropolymer Finish (Acrynar), Add	9.52	
		For Clear Anodized Finish, Add	23.81	
		For 70% Fluoropolymer Finish (Duranar), Add	28.57	
		For Color Anodized Finish, Add	33.34	
		For Installation In Concrete Or Masonry, Add	28.17	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	625.64	51.65
		For 50% Fluoropolymer Finish (Acrynar), Add	10.79	
		For Clear Anodized Finish, Add	26.98	
		For 70% Fluoropolymer Finish (Duranar), Add	32.37	
		For Color Anodized Finish, Add	37.77	
		For Installation In Concrete Or Masonry, Add	30.71	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	38.84	1.72
		For 50% Fluoropolymer Finish (Acrynar), Add	0.72	
		For Clear Anodized Finish, Add	1.80	
		For 70% Fluoropolymer Finish (Duranar), Add	2.16	
		For Color Anodized Finish, Add	2.52	
		For Installation In Concrete Or Masonry, Add	1.47	
08 51 13 00-0191		<b>3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)</b> (08 51 13 00-0180)		
08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200).....	501.70	45.91
		For 50% Fluoropolymer Finish (Acrynar), Add	8.50	
		For Clear Anodized Finish, Add	21.26	
		For 70% Fluoropolymer Finish (Duranar), Add	25.51	
		For Color Anodized Finish, Add	29.76	
		For Installation In Concrete Or Masonry, Add	25.93	
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200).....	560.61	48.78
		For 50% Fluoropolymer Finish (Acrynar), Add	9.59	
		For Clear Anodized Finish, Add	23.97	
		For 70% Fluoropolymer Finish (Duranar), Add	28.76	
		For Color Anodized Finish, Add	33.55	
		For Installation In Concrete Or Masonry, Add	28.24	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200).....	629.24	51.65
		For 50% Fluoropolymer Finish (Acrynar), Add	10.86	
		For Clear Anodized Finish, Add	27.16	
		For 70% Fluoropolymer Finish (Duranar), Add	32.59	
		For Color Anodized Finish, Add	38.02	
		For Installation In Concrete Or Masonry, Add	30.80	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200).....	39.08	1.72
		For 50% Fluoropolymer Finish (Acrynar), Add	0.72	
		For Clear Anodized Finish, Add	1.81	
		For 70% Fluoropolymer Finish (Duranar), Add	2.17	
		For Color Anodized Finish, Add	2.53	
		For Installation In Concrete Or Masonry, Add	1.48	
08 51 13 00-0196		<b>4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)</b> (08 51 13 00-0180)		
08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	529.08	45.91
		For 50% Fluoropolymer Finish (Acrynar), Add	9.05	
		For Clear Anodized Finish, Add	22.63	
		For 70% Fluoropolymer Finish (Duranar), Add	27.15	
		For Color Anodized Finish, Add	31.68	
		For Installation In Concrete Or Masonry, Add	26.62	
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	592.52	48.78
		For 50% Fluoropolymer Finish (Acrynar), Add	10.22	
		For Clear Anodized Finish, Add	25.56	
		For 70% Fluoropolymer Finish (Duranar), Add	30.67	
		For Color Anodized Finish, Add	35.79	
		For Installation In Concrete Or Masonry, Add	29.04	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	666.41	51.65
		For 50% Fluoropolymer Finish (Acrynar), Add	11.61	
		For Clear Anodized Finish, Add	29.02	
		For 70% Fluoropolymer Finish (Duranar), Add	34.82	
		For Color Anodized Finish, Add	40.62	
		For Installation In Concrete Or Masonry, Add	31.73	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0200 SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	41.56	1.72
For 50% Fluoropolymer Finish (Acrynar), Add	0.77	
For Clear Anodized Finish, Add	1.93	
For 70% Fluoropolymer Finish (Duranar), Add	2.32	
For Color Anodized Finish, Add	2.71	
For Installation In Concrete Or Masonry, Add	1.54	
<b>08 51 13 00-0201 Fixed Over Vent, Casement Aluminum Windows (08 51 13 00-0179)</b>		
<b>08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0201)</b>		
08 51 13 00-0203 EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) .....	386.85	45.91
For 50% Fluoropolymer Finish (Acrynar), Add	6.21	
For Clear Anodized Finish, Add	15.52	
For 70% Fluoropolymer Finish (Duranar), Add	18.62	
For Color Anodized Finish, Add	21.72	
For Installation In Concrete Or Masonry, Add	23.06	
08 51 13 00-0204 EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) .....	426.82	48.78
For 50% Fluoropolymer Finish (Acrynar), Add	6.91	
For Clear Anodized Finish, Add	17.28	
For 70% Fluoropolymer Finish (Duranar), Add	20.73	
For Color Anodized Finish, Add	24.19	
For Installation In Concrete Or Masonry, Add	24.90	
08 51 13 00-0205 EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) .....	473.37	51.65
For 50% Fluoropolymer Finish (Acrynar), Add	7.75	
For Clear Anodized Finish, Add	19.36	
For 70% Fluoropolymer Finish (Duranar), Add	23.24	
For Color Anodized Finish, Add	27.11	
For Installation In Concrete Or Masonry, Add	26.90	
08 51 13 00-0206 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220).....	28.68	1.72
For 50% Fluoropolymer Finish (Acrynar), Add	0.52	
For Clear Anodized Finish, Add	1.29	
For 70% Fluoropolymer Finish (Duranar), Add	1.55	
For Color Anodized Finish, Add	1.81	
For Installation In Concrete Or Masonry, Add	1.22	
<b>08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0201)</b>		
08 51 13 00-0208 EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) .....	547.63	45.91
For 50% Fluoropolymer Finish (Acrynar), Add	9.42	
For Clear Anodized Finish, Add	23.56	
For 70% Fluoropolymer Finish (Duranar), Add	28.27	
For Color Anodized Finish, Add	32.98	
For Installation In Concrete Or Masonry, Add	27.08	
08 51 13 00-0209 EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) .....	614.12	48.78
For 50% Fluoropolymer Finish (Acrynar), Add	10.66	
For Clear Anodized Finish, Add	26.64	
For 70% Fluoropolymer Finish (Duranar), Add	31.97	
For Color Anodized Finish, Add	37.30	
For Installation In Concrete Or Masonry, Add	29.58	
08 51 13 00-0210 EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) .....	691.59	51.65
For 50% Fluoropolymer Finish (Acrynar), Add	12.11	
For Clear Anodized Finish, Add	30.28	
For 70% Fluoropolymer Finish (Duranar), Add	36.33	
For Color Anodized Finish, Add	42.39	
For Installation In Concrete Or Masonry, Add	32.36	
08 51 13 00-0211 SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) .....	43.24	1.72
For 50% Fluoropolymer Finish (Acrynar), Add	0.81	
For Clear Anodized Finish, Add	2.02	
For 70% Fluoropolymer Finish (Duranar), Add	2.42	
For Color Anodized Finish, Add	2.83	
For Installation In Concrete Or Masonry, Add	1.58	
<b>08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0201)</b>		
08 51 13 00-0213 EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) .....	606.83	45.91
For 50% Fluoropolymer Finish (Acrynar), Add	10.61	
For Clear Anodized Finish, Add	26.52	
For 70% Fluoropolymer Finish (Duranar), Add	31.82	
For Color Anodized Finish, Add	37.12	
For Installation In Concrete Or Masonry, Add	28.56	

**08 Openings****08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0214	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) .....	683.09	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	12.04	
			For Clear Anodized Finish, Add	30.09	
			For 70% Fluoropolymer Finish (Duranar), Add	36.11	
			For Color Anodized Finish, Add	42.13	
			For Installation In Concrete Or Masonry, Add	31.30	
08 51 13 00-0215	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) .....	771.92	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	13.72	
			For Clear Anodized Finish, Add	34.29	
			For 70% Fluoropolymer Finish (Duranar), Add	41.15	
			For Color Anodized Finish, Add	48.01	
			For Installation In Concrete Or Masonry, Add	34.36	
08 51 13 00-0216	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) .....	48.59	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	0.91	
			For Clear Anodized Finish, Add	2.29	
			For 70% Fluoropolymer Finish (Duranar), Add	2.74	
			For Color Anodized Finish, Add	3.20	
			For Installation In Concrete Or Masonry, Add	1.72	
08 51 13 00-0217			<b>4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)</b> <small>(08 51 13 00-0201)</small>		
08 51 13 00-0218	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) .....	660.71	45.91
			For 50% Fluoropolymer Finish (Acrynar), Add	11.68	
			For Clear Anodized Finish, Add	29.21	
			For 70% Fluoropolymer Finish (Duranar), Add	35.05	
			For Color Anodized Finish, Add	40.89	
			For Installation In Concrete Or Masonry, Add	29.91	
08 51 13 00-0219	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) .....	745.87	48.78
			For 50% Fluoropolymer Finish (Acrynar), Add	13.29	
			For Clear Anodized Finish, Add	33.23	
			For 70% Fluoropolymer Finish (Duranar), Add	39.87	
			For Color Anodized Finish, Add	46.52	
			For Installation In Concrete Or Masonry, Add	32.87	
08 51 13 00-0220	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) .....	845.06	51.65
			For 50% Fluoropolymer Finish (Acrynar), Add	15.18	
			For Clear Anodized Finish, Add	37.95	
			For 70% Fluoropolymer Finish (Duranar), Add	45.54	
			For Color Anodized Finish, Add	53.13	
			For Installation In Concrete Or Masonry, Add	36.19	
08 51 13 00-0221	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) .....	53.47	1.72
			For 50% Fluoropolymer Finish (Acrynar), Add	1.01	
			For Clear Anodized Finish, Add	2.53	
			For 70% Fluoropolymer Finish (Duranar), Add	3.04	
			For Color Anodized Finish, Add	3.54	
			For Installation In Concrete Or Masonry, Add	1.84	
08 51 13 00-0222			<b>Aluminum Window Accessories</b> <small>(08 51 13)</small>		
08 51 13 00-0223			<b>Aluminum Window Mullions</b> <small>(08 51 13 00-0222)</small>		
08 51 13 00-0224	LF		Integral Mullions For Aluminum Windows .....	11.61	2.15
			For 50% Fluoropolymer Finish (Acrynar), Add	0.15	
			For Clear Anodized Finish, Add	0.38	
			For 70% Fluoropolymer Finish (Duranar), Add	0.46	
			For Color Anodized Finish, Add	0.53	
08 51 13 00-0225			<b>Aluminum Window Insect Screens</b> <small>(08 51 13 00-0222)</small>		
			Note: Includes aluminum frames.		
08 51 13 00-0226	SF		<10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows .....	4.07	0.72
08 51 13 00-0227	SF		>10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows .....	2.78	0.58
08 51 13 00-0228	SF		Repair Screen Window .....	2.74	
08 51 13 00-0229			<b>Aluminum Window Panning</b> <small>(08 51 13 00-0222)</small>		
			Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08 51 13 00-0230	EA		Up To 6 SF Window, Aluminum Window Panning .....	123.44	19.79
			For 50% Fluoropolymer Finish (Acrynar), Add	1.81	
			For Clear Anodized Finish, Add	4.52	
			For 70% Fluoropolymer Finish (Duranar), Add	5.43	
			For Color Anodized Finish, Add	6.33	
08 51 13 00-0231	EA		>6 To 10 SF Window, Aluminum Window Panning .....	171.59	32.97
			For 50% Fluoropolymer Finish (Acrynar), Add	2.33	
			For Clear Anodized Finish, Add	5.83	
			For 70% Fluoropolymer Finish (Duranar), Add	7.00	
			For Color Anodized Finish, Add	8.16	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51	13 00-0232	EA	>10 To 15 SF Window, Aluminum Window Panning..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	209.98 2.55 6.38 7.65 8.93	49.46
08 51	13 00-0233	EA	>15 To 20 SF Window, Aluminum Window Panning..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	250.53 2.81 7.03 8.44 9.84	65.96
08 51	13 00-0234	EA	>20 To 30 SF Window, Aluminum Window Panning..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	330.56 3.31 8.28 9.94 11.60	98.93
08 51	13 00-0235	SF	>30 SF Window, Aluminum Window Panning..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	12.05 0.10 0.26 0.31 0.36	4.13
<b>08 51 13 00-0236 Aluminum Window Muntins, Grilles Or Dividers (08 51 13 00-0222)</b>					
08 51	13 00-0237	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	3.36 0.01 0.02 0.03 0.03	2.15
08 51	13 00-0238	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	4.78 0.04 0.10 0.11 0.13	2.15
08 51	13 00-0239	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	9.89 0.05 0.14 0.16 0.19	2.15
08 51	13 00-0240	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows ..... <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Color Anodized Finish, Add</i>	11.95 0.08 0.19 0.23 0.27	2.15
<b>08 51 13 00-0241 Other Aluminum Window Accessories (08 51 13 00-0222)</b>					
08 51	13 00-0242	EA	Roto Operator For Casement Aluminum Windows.....	95.67	9.56
08 51	13 00-0243	EA	Head And Sill Automatic Locks For Hung Aluminum Windows.....	47.71	9.56
<b>08 51 23 Steel Windows (08 51)</b>					
Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.					
<b>08 51 23 00-0001 Steel Windows (08 51 23)</b>					
<b>08 51 23 00-0002 Industrial (08 51 23 00-0001)</b>					
08 51	23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash ..... <i>For Heavy Commercial Grade (HC-40), Add</i> <i>For Non Stock Custom Sizes, Add</i> <i>For Double Glazing Sash, Add</i> <i>For Bonderized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	47.44 19.91 4.27 25.88 16.21 2.02	2.87
08 51	23 00-0004	SF	Industrial Steel Window, Fixed Sash ..... <i>For Heavy Commercial Grade (HC-40), Add</i> <i>For Non Stock Custom Sizes, Add</i> <i>For Double Glazing Sash, Add</i> <i>For Bonderized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	41.97 17.45 3.72 22.60 14.13 1.89	2.87
08 51	23 00-0005	SF	Industrial Steel Window, Operable Security Sash..... <i>For Heavy Commercial Grade (HC-40), Add</i> <i>For Non Stock Custom Sizes, Add</i> <i>For Double Glazing Sash, Add</i> <i>For Bonderized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	69.86 30.00 6.51 39.33 24.73 2.58	2.87
08 51	23 00-0006	SF	Industrial Steel Window, Fixed Security Sash..... <i>For Heavy Commercial Grade (HC-40), Add</i> <i>For Non Stock Custom Sizes, Add</i> <i>For Double Glazing Sash, Add</i> <i>For Bonderized Finish, Add</i> <i>For Installation In Concrete Or Masonry, Add</i>	58.92 25.08 5.41 32.77 20.57 2.31	2.87
<b>08 51 23 00-0007 Projected Sash (08 51 23 00-0001)</b>					

**08 Openings****08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0008	SF		Commercial Projected Sash Window - 40% Vented Steel.....	55.59	2.87
			<i>For Heavy Commercial Grade (HC-40), Add</i>	23.58	
			<i>For Non Stock Custom Sizes, Add</i>	5.08	
			<i>For Double Glazing Sash, Add</i>	30.77	
			<i>For Bonderized Finish, Add</i>	19.31	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.23	
08 51 23 00-0009	SF		Intermediate Projected Sash Window - 40% Vented Steel.....	61.60	2.87
			<i>For Heavy Commercial Grade (HC-40), Add</i>	26.29	
			<i>For Non Stock Custom Sizes, Add</i>	5.68	
			<i>For Double Glazing Sash, Add</i>	34.38	
			<i>For Bonderized Finish, Add</i>	21.59	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.38	
<b>08 51 23 00-0010</b>			<b>Other Type Sash</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0011	SF		Double Hung Steel Window Sash.....	72.22	2.87
			<i>For Heavy Commercial Grade (HC-40), Add</i>	31.07	
			<i>For Non Stock Custom Sizes, Add</i>	6.74	
			<i>For Double Glazing Sash, Add</i>	40.75	
			<i>For Bonderized Finish, Add</i>	25.63	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.64	
08 51 23 00-0012	SF		Steel Picture Window Sash.....	29.40	2.87
			<i>For Heavy Commercial Grade (HC-40), Add</i>	11.80	
			<i>For Non Stock Custom Sizes, Add</i>	2.46	
			<i>For Double Glazing Sash, Add</i>	15.06	
			<i>For Bonderized Finish, Add</i>	9.36	
			<i>For Installation In Concrete Or Masonry, Add</i>	1.57	
08 51 23 00-0013	SF		Fire Rated Double Hung Steel Window Sash.....	74.59	3.59
			<i>For Heavy Commercial Grade (HC-40), Add</i>	32.13	
			<i>For Non Stock Custom Sizes, Add</i>	6.98	
			<i>For Double Glazing Sash, Add</i>	42.17	
			<i>For Bonderized Finish, Add</i>	26.53	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.70	
08 51 23 00-0014	SF		Single Hung Steel Window Sash.....	50.26	2.87
			<i>For Heavy Commercial Grade (HC-40), Add</i>	21.18	
			<i>For Non Stock Custom Sizes, Add</i>	4.55	
			<i>For Double Glazing Sash, Add</i>	27.57	
			<i>For Bonderized Finish, Add</i>	17.28	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.09	
<b>08 51 23 00-0015</b>			<b>Casements</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0016	SF		Steel Window Casements, 100% Vented Operable, Factory Primed.....	64.45	1.44
			<i>For Double Glazing Sash, Add</i>	36.09	
			<i>For Bonderized Finish, Add</i>	22.67	
			<i>For Heavy Commercial Grade (HC-40), Add</i>	27.57	
			<i>For Non Stock Custom Sizes, Add</i>	5.97	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.45	
08 51 23 00-0017	SF		Steel Window Casements, 50% Vented Operable, Factory Primed.....	55.35	1.44
			<i>For Double Glazing Sash, Add</i>	30.63	
			<i>For Bonderized Finish, Add</i>	19.22	
			<i>For Heavy Commercial Grade (HC-40), Add</i>	23.47	
			<i>For Non Stock Custom Sizes, Add</i>	5.06	
			<i>For Installation In Concrete Or Masonry, Add</i>	2.22	
08 51 23 00-0018	SF		Steel Window Casements, Fixed Sash, Factory Primed.....	38.20	2.15
			<i>For Double Glazing Sash, Add</i>	20.34	
			<i>For Bonderized Finish, Add</i>	12.70	
			<i>For Heavy Commercial Grade (HC-40), Add</i>	15.76	
			<i>For Non Stock Custom Sizes, Add</i>	3.34	
			<i>For Installation In Concrete Or Masonry, Add</i>	1.79	
<b>08 51 23 00-0019</b>			<b>Mullions</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0020	LF		Open Faced Steel Mullion.....	21.99	2.15
08 51 23 00-0021	LF		Covered Steel Mullions.....	39.18	2.15
<b>08 51 23 00-0022</b>			<b>Removal And Reinstallation Of Metal Window And Frame</b> <small>(08 51 23)</small>		
			Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF		Remove And Reinstall Metal Window And Frame.....	7.71	
<b>08 51 69</b>			<b>Metal Storm Windows</b> <small>(08 51)</small>		
<b>08 51 69 00-0001</b>			<b>Storm Windows</b> <small>(08 51 69)</small>		
08 51 69 00-0002	SF		Double Hung, Aluminum, Combination Storm And Screen.....	13.22	1.44
			<i>For Installation In Concrete Or Masonry, Add</i>	0.66	
<b>08 52</b>			<b>Wood Windows</b> <small>(08 50)</small>		
<b>08 52 16</b>			<b>Plastic-Clad Wood Windows</b> <small>(08 52)</small>		
08 52 16 00-0001			Double Hung Wood Clad Windows <small>(08 52 16)</small>		





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0001)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004 EA 23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	203.95	22.00
For Low-E Insulated Glass, Add	19.19	
For Tempered Clear Insulated Glass, Add	31.99	
08 52 16 00-0005 EA 27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	216.24	22.96
For Low-E Insulated Glass, Add	20.44	
For Tempered Clear Insulated Glass, Add	34.07	
08 52 16 00-0006 EA 31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	227.67	23.92
For Low-E Insulated Glass, Add	21.58	
For Tempered Clear Insulated Glass, Add	35.97	
08 52 16 00-0007 EA 35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	239.09	24.87
For Low-E Insulated Glass, Add	22.72	
For Tempered Clear Insulated Glass, Add	37.87	
<b>08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0009 EA 23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	221.52	23.43
For Low-E Insulated Glass, Add	20.96	
For Tempered Clear Insulated Glass, Add	34.93	
08 52 16 00-0010 EA 27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	233.80	24.39
For Low-E Insulated Glass, Add	22.20	
For Tempered Clear Insulated Glass, Add	37.00	
08 52 16 00-0011 EA 31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	245.23	25.35
For Low-E Insulated Glass, Add	23.34	
For Tempered Clear Insulated Glass, Add	38.91	
08 52 16 00-0012 EA 35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	256.67	26.30
For Low-E Insulated Glass, Add	24.49	
For Tempered Clear Insulated Glass, Add	40.81	
<b>08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0014 EA 23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	239.09	24.87
For Low-E Insulated Glass, Add	22.72	
For Tempered Clear Insulated Glass, Add	37.87	
08 52 16 00-0015 EA 27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	250.51	25.83
For Low-E Insulated Glass, Add	23.86	
For Tempered Clear Insulated Glass, Add	39.77	
08 52 16 00-0016 EA 31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	262.80	26.79
For Low-E Insulated Glass, Add	25.11	
For Tempered Clear Insulated Glass, Add	41.85	
08 52 16 00-0017 EA 35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	274.22	27.74
For Low-E Insulated Glass, Add	26.25	
For Tempered Clear Insulated Glass, Add	43.75	
<b>08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0019 EA 23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	256.67	26.30
For Low-E Insulated Glass, Add	24.49	
For Tempered Clear Insulated Glass, Add	40.81	
08 52 16 00-0020 EA 27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	268.09	27.26
For Low-E Insulated Glass, Add	25.63	
For Tempered Clear Insulated Glass, Add	42.71	
08 52 16 00-0021 EA 31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	279.51	28.21
For Low-E Insulated Glass, Add	26.77	
For Tempered Clear Insulated Glass, Add	44.61	
08 52 16 00-0022 EA 35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	291.79	29.17
For Low-E Insulated Glass, Add	28.01	
For Tempered Clear Insulated Glass, Add	46.69	
<b>08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0024 EA 19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	253.58	26.30
For Low-E Insulated Glass, Add	24.17	
For Tempered Clear Insulated Glass, Add	40.29	
08 52 16 00-0025 EA 23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	265.00	27.02
For Low-E Insulated Glass, Add	25.32	
For Tempered Clear Insulated Glass, Add	42.19	
08 52 16 00-0026 EA 27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	277.30	28.21
For Low-E Insulated Glass, Add	26.56	
For Tempered Clear Insulated Glass, Add	44.27	
08 52 16 00-0027 EA 31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	288.72	29.17
For Low-E Insulated Glass, Add	27.70	
For Tempered Clear Insulated Glass, Add	46.17	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0028	EA		35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	300.15	30.14
			<i>For Low-E Insulated Glass, Add</i>	28.84	
			<i>For Tempered Clear Insulated Glass, Add</i>	48.07	
08 52 16 00-0029	EA		39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	311.57	31.09
			<i>For Low-E Insulated Glass, Add</i>	29.98	
			<i>For Tempered Clear Insulated Glass, Add</i>	49.97	
<b>08 52 16 00-0030</b>			<b>59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> (08 52 16 00-0002)		
08 52 16 00-0031	EA		19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	262.80	26.79
			<i>For Low-E Insulated Glass, Add</i>	25.11	
			<i>For Tempered Clear Insulated Glass, Add</i>	41.85	
08 52 16 00-0032	EA		23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	274.22	27.74
			<i>For Low-E Insulated Glass, Add</i>	26.25	
			<i>For Tempered Clear Insulated Glass, Add</i>	43.75	
08 52 16 00-0033	EA		27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	285.64	28.70
			<i>For Low-E Insulated Glass, Add</i>	27.39	
			<i>For Tempered Clear Insulated Glass, Add</i>	45.65	
08 52 16 00-0034	EA		31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	297.07	29.65
			<i>For Low-E Insulated Glass, Add</i>	28.53	
			<i>For Tempered Clear Insulated Glass, Add</i>	47.55	
08 52 16 00-0035	EA		35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	308.50	30.61
			<i>For Low-E Insulated Glass, Add</i>	29.67	
			<i>For Tempered Clear Insulated Glass, Add</i>	49.46	
08 52 16 00-0036	EA		39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	320.78	31.57
			<i>For Low-E Insulated Glass, Add</i>	30.92	
			<i>For Tempered Clear Insulated Glass, Add</i>	51.53	
<b>08 52 16 00-0037</b>			<b>65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> (08 52 16 00-0002)		
08 52 16 00-0038	EA		23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	291.79	29.17
			<i>For Low-E Insulated Glass, Add</i>	28.01	
			<i>For Tempered Clear Insulated Glass, Add</i>	46.69	
08 52 16 00-0039	EA		27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	303.21	30.14
			<i>For Low-E Insulated Glass, Add</i>	29.15	
			<i>For Tempered Clear Insulated Glass, Add</i>	48.59	
08 52 16 00-0040	EA		31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	314.63	31.09
			<i>For Low-E Insulated Glass, Add</i>	30.30	
			<i>For Tempered Clear Insulated Glass, Add</i>	50.49	
08 52 16 00-0041	EA		35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	326.06	32.05
			<i>For Low-E Insulated Glass, Add</i>	31.44	
			<i>For Tempered Clear Insulated Glass, Add</i>	52.39	
<b>08 52 16 00-0042</b>			<b>71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> (08 52 16 00-0002)		
08 52 16 00-0043	EA		23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	308.50	30.61
			<i>For Low-E Insulated Glass, Add</i>	29.67	
			<i>For Tempered Clear Insulated Glass, Add</i>	49.46	
08 52 16 00-0044	EA		27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	320.78	31.57
			<i>For Low-E Insulated Glass, Add</i>	30.92	
			<i>For Tempered Clear Insulated Glass, Add</i>	51.53	
08 52 16 00-0045	EA		31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	332.20	32.52
			<i>For Low-E Insulated Glass, Add</i>	32.06	
			<i>For Tempered Clear Insulated Glass, Add</i>	53.43	
08 52 16 00-0046	EA		35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	343.63	33.48
			<i>For Low-E Insulated Glass, Add</i>	33.20	
			<i>For Tempered Clear Insulated Glass, Add</i>	55.33	
<b>08 52 16 00-0047</b>			<b>Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0001)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0048</b>			<b>36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0049	EA		21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	255.35	22.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	42.37	
08 52 16 00-0050	EA		25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	271.10	22.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	45.13	
08 52 16 00-0051	EA		29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	287.71	23.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	48.07	
08 52 16 00-0052	EA		31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	296.45	24.39
			<i>For Tempered Low-E Insulated Glass, Add</i>	49.63	
08 52 16 00-0053	EA		33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	304.32	24.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	51.01	
08 52 16 00-0054	EA		35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	312.19	25.35
			<i>For Tempered Low-E Insulated Glass, Add</i>	52.39	
08 52 16 00-0055	EA		37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	320.94	25.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.95	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0056	EA		41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.55
08 52 16 00-0057	EA		45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.50
<b>08 52 16 00-0058</b>			<b>40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0059	EA		21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	271.10 45.13	22.96
08 52 16 00-0060	EA		25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	287.71 48.07	23.67
08 52 16 00-0061	EA		29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	304.32 51.01	24.63
08 52 16 00-0062	EA		31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	312.19 52.39	25.35
08 52 16 00-0063	EA		33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	320.94 53.95	25.83
08 52 16 00-0064	EA		35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	328.80 55.33	26.30
08 52 16 00-0065	EA		37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.55
08 52 16 00-0066	EA		41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.50
08 52 16 00-0067	EA		45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.46
<b>08 52 16 00-0068</b>			<b>44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0069	EA		21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	287.71 48.07	23.92
08 52 16 00-0070	EA		25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	304.32 51.01	24.63
08 52 16 00-0071	EA		29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	320.94 53.95	25.58
08 52 16 00-0072	EA		31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	328.80 55.33	26.30
08 52 16 00-0073	EA		33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.79
08 52 16 00-0074	EA		35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	345.41 58.27	27.26
08 52 16 00-0075	EA		37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.50
08 52 16 00-0076	EA		41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.46
08 52 16 00-0077	EA		45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.42
<b>08 52 16 00-0078</b>			<b>48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0079	EA		21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	304.32 51.01	24.87
08 52 16 00-0080	EA		25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	320.94 53.95	25.58
08 52 16 00-0081	EA		29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.55
08 52 16 00-0082	EA		31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	345.41 58.27	27.26
08 52 16 00-0083	EA		33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.74
08 52 16 00-0084	EA		35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	361.16 61.04	28.21
08 52 16 00-0085	EA		37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.46
08 52 16 00-0086	EA		41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.42
08 52 16 00-0087	EA		45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.27 68.30	30.37
<b>08 52 16 00-0088</b>			<b>52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0089	EA		21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	320.94 53.95	25.83
08 52 16 00-0090	EA		25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.55
08 52 16 00-0091	EA		29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.50
08 52 16 00-0092	EA		31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	361.16 61.04	28.21

**08 Openings****08 50 Windows****08 52 Wood Windows**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.70
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	377.77 63.98	29.17
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.42
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.27 68.30	30.37
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	418.88 71.24	31.33
<b>08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)</b>				
08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.68 56.72	26.79
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.50
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.46
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	377.77 63.98	29.17
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.65
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	394.39 66.92	30.14
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.27 68.30	30.37
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	418.88 71.24	31.33
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	435.48 74.18	32.28
<b>08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)</b>				
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	353.29 59.66	27.74
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.46
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.42
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	394.39 66.92	30.14
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.27 68.30	30.61
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	411.00 69.86	31.09
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	418.88 71.24	31.33
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	435.48 74.18	32.28
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	451.23 76.95	33.24
<b>08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)</b>				
08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	369.90 62.60	28.70
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.42
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	402.27 68.30	30.37
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	411.00 69.86	31.09
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	418.88 71.24	31.57
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	426.74 72.63	32.05
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	435.48 74.18	32.28
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	451.23 76.95	33.24
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	467.84 79.89	34.20
<b>08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)</b>				
08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	386.50 65.54	29.65



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0130	EA		25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	402.27	30.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0131	EA		29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	418.88	31.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0132	EA		31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	426.74	32.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.63	
08 52 16 00-0133	EA		33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	435.48	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0134	EA		35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	443.35	33.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.57	
08 52 16 00-0135	EA		37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.23	33.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0136	EA		41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	467.84	34.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.89	
08 52 16 00-0137	EA		45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	484.44	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.83	
<b>08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small></b>					
08 52 16 00-0139	EA		21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	402.27	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0140	EA		25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	418.88	31.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0141	EA		29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	435.48	32.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0142	EA		31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	443.35	33.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.57	
08 52 16 00-0143	EA		33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.23	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0144	EA		35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.97	33.96
			<i>For Tempered Low-E Insulated Glass, Add</i>	78.51	
08 52 16 00-0145	EA		37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	467.84	34.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.89	
08 52 16 00-0146	EA		41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	484.44	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.83	
08 52 16 00-0147	EA		45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	501.06	36.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.77	
<b>08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small></b>					
08 52 16 00-0149	EA		21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	418.88	31.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0150	EA		25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	435.48	32.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0151	EA		29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.23	33.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0152	EA		31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.97	33.96
			<i>For Tempered Low-E Insulated Glass, Add</i>	78.51	
08 52 16 00-0153	EA		33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	467.84	34.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.89	
08 52 16 00-0154	EA		35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.58	34.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.45	
08 52 16 00-0155	EA		37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	484.44	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.83	
08 52 16 00-0156	EA		41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	501.06	36.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.77	
08 52 16 00-0157	EA		45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	516.82	37.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	88.54	
<b>08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small></b>					
08 52 16 00-0159	EA		21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	657.00	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.10	
08 52 16 00-0160	EA		25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	680.53	34.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.43	
08 52 16 00-0161	EA		29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	704.05	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	126.75	
08 52 16 00-0162	EA		31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	715.39	35.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	128.83	
08 52 16 00-0163	EA		33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	727.59	36.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.07	
08 52 16 00-0164	EA		35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	738.91	36.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	133.15	
08 52 16 00-0165	EA		37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	750.26	37.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	135.22	
08 52 16 00-0166	EA		41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	773.78	38.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	139.55	
08 52 16 00-0167	EA		45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	797.31	38.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	143.87	

**08 Openings****08 50 Windows**

08 52 Wood Windows

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0168			<b>88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0169	EA		21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	680.53	34.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.43	
08 52 16 00-0170	EA		25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	704.05	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	126.75	
08 52 16 00-0171	EA		29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	727.59	36.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.07	
08 52 16 00-0172	EA		31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	738.91	36.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	133.15	
08 52 16 00-0173	EA		33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	750.26	37.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	135.22	
08 52 16 00-0174	EA		35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	762.45	37.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	137.47	
08 52 16 00-0175	EA		37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	773.78	38.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	139.55	
08 52 16 00-0176	EA		41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	797.31	38.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	143.87	
08 52 16 00-0177	EA		45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	820.83	39.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	148.19	
08 52 16 00-0178			<b>Casement Wood Clad Windows</b> (08 52 16)		
08 52 16 00-0179			<b>Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0179) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180			<b>One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0179)		
08 52 16 00-0181			<b>24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0180)		
08 52 16 00-0182	EA		17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	166.92	18.17
			<i>For Tempered Clear Insulated Glass, Add</i>	26.21	
08 52 16 00-0183	EA		20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	176.49	18.66
			<i>For Tempered Clear Insulated Glass, Add</i>	27.84	
08 52 16 00-0184	EA		24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	187.21	19.61
			<i>For Tempered Clear Insulated Glass, Add</i>	29.60	
08 52 16 00-0185	EA		28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	197.10	20.57
			<i>For Tempered Clear Insulated Glass, Add</i>	31.19	
08 52 16 00-0186			<b>28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0180)		
08 52 16 00-0187	EA		17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	178.99	19.13
			<i>For Tempered Clear Insulated Glass, Add</i>	28.24	
08 52 16 00-0188	EA		20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	188.57	19.61
			<i>For Tempered Clear Insulated Glass, Add</i>	29.87	
08 52 16 00-0189	EA		24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	199.28	20.57
			<i>For Tempered Clear Insulated Glass, Add</i>	31.63	
08 52 16 00-0190	EA		28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	204.69	21.52
			<i>For Tempered Clear Insulated Glass, Add</i>	32.33	
08 52 16 00-0191	EA		31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	217.03	22.48
			<i>For Tempered Clear Insulated Glass, Add</i>	34.51	
08 52 16 00-0192			<b>35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0180)		
08 52 16 00-0193	EA		17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	200.64	20.57
			<i>For Tempered Clear Insulated Glass, Add</i>	31.90	
08 52 16 00-0194	EA		20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	210.88	21.52
			<i>For Tempered Clear Insulated Glass, Add</i>	33.66	
08 52 16 00-0195	EA		24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	221.60	22.24
			<i>For Tempered Clear Insulated Glass, Add</i>	35.42	
08 52 16 00-0196	EA		28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	238.43	23.20
			<i>For Tempered Clear Insulated Glass, Add</i>	38.41	
08 52 16 00-0197	EA		31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	254.41	23.92
			<i>For Tempered Clear Insulated Glass, Add</i>	41.32	
08 52 16 00-0198	EA		35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	269.94	24.39
			<i>For Tempered Clear Insulated Glass, Add</i>	44.23	
08 52 16 00-0199			<b>40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0180)		
08 52 16 00-0200	EA		17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	215.22	22.00
			<i>For Tempered Clear Insulated Glass, Add</i>	34.34	
08 52 16 00-0201	EA		20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	224.79	22.48
			<i>For Tempered Clear Insulated Glass, Add</i>	35.97	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0202	EA		24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	235.51 37.73	23.43
08 52 16 00-0203	EA		28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	259.78 42.20	24.39
08 52 16 00-0204	EA		31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	276.52 45.26	25.35
08 52 16 00-0205	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	292.27 48.03	26.30
<b>08 52 16 00-0206</b>			<b>48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>		
08 52 16 00-0207	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	235.99 37.73	23.92
08 52 16 00-0208	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	246.23 39.49	24.39
08 52 16 00-0209	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	256.95 41.25	25.35
08 52 16 00-0210	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	290.38 47.55	26.30
08 52 16 00-0211	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	303.50 49.89	27.26
08 52 16 00-0212	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	323.20 53.45	28.21
<b>08 52 16 00-0213</b>			<b>52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>		
08 52 16 00-0214	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	250.10 40.17	24.87
08 52 16 00-0215	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	259.66 41.79	25.35
08 52 16 00-0216	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	270.40 43.56	26.30
08 52 16 00-0217	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	311.60 51.41	27.26
08 52 16 00-0218	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	331.15 55.04	28.21
08 52 16 00-0219	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	344.08 57.24	29.17
<b>08 52 16 00-0220</b>			<b>59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>		
08 52 16 00-0221	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	270.40 43.56	26.30
08 52 16 00-0222	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	280.63 45.32	27.26
08 52 16 00-0223	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	291.35 47.08	27.98
08 52 16 00-0224	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	342.05 56.84	28.93
08 52 16 00-0225	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	355.94 59.33	29.65
08 52 16 00-0226	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	374.53 62.66	30.61
<b>08 52 16 00-0227</b>			<b>64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>		
08 52 16 00-0228	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	284.97 45.99	27.74
08 52 16 00-0229	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	294.54 47.62	28.21
08 52 16 00-0230	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	305.26 49.38	29.17
08 52 16 00-0231	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	363.41 60.63	30.14
08 52 16 00-0232	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	376.34 62.93	31.09
08 52 16 00-0233	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	395.89 66.46	32.05
<b>08 52 16 00-0234</b>			<b>71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>		
08 52 16 00-0235	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	305.26 49.38	29.17
08 52 16 00-0236	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	315.51 51.14	30.14

**08 Openings****08 50 Windows****08 52 Wood Windows**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0237	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	326.23	30.85
			<i>For Tempered Clear Insulated Glass, Add</i>	52.91	
08 52 16 00-0238	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	393.86	31.80
			<i>For Tempered Clear Insulated Glass, Add</i>	66.05	
08 52 16 00-0239	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	409.70	32.52
			<i>For Tempered Clear Insulated Glass, Add</i>	68.93	
08 52 16 00-0240	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	426.34	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	71.88	
<b>08 52 16 00-0241</b>			<b>Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)</b>		
<b>08 52 16 00-0242</b>			<b>24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0243	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	297.81	23.43
			<i>For Tempered Clear Insulated Glass, Add</i>	50.19	
08 52 16 00-0244	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	338.32	25.35
			<i>For Tempered Clear Insulated Glass, Add</i>	57.53	
08 52 16 00-0245	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	385.23	27.26
			<i>For Tempered Clear Insulated Glass, Add</i>	66.14	
<b>08 52 16 00-0246</b>			<b>28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0247	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	321.22	24.39
			<i>For Tempered Clear Insulated Glass, Add</i>	54.49	
08 52 16 00-0248	EA		48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	361.75	26.30
			<i>For Tempered Clear Insulated Glass, Add</i>	61.83	
08 52 16 00-0249	EA		56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	408.64	28.21
			<i>For Tempered Clear Insulated Glass, Add</i>	70.44	
<b>08 52 16 00-0250</b>			<b>35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0251	EA		33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	318.34	24.39
			<i>For Tempered Clear Insulated Glass, Add</i>	53.91	
08 52 16 00-0252	EA		40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	359.63	26.30
			<i>For Tempered Clear Insulated Glass, Add</i>	61.50	
08 52 16 00-0253	EA		48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	402.76	28.21
			<i>For Tempered Clear Insulated Glass, Add</i>	69.36	
08 52 16 00-0254	EA		56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	452.66	29.89
			<i>For Tempered Clear Insulated Glass, Add</i>	78.57	
08 52 16 00-0255	EA		62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	486.10	31.33
			<i>For Tempered Clear Insulated Glass, Add</i>	84.69	
08 52 16 00-0256	EA		71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	541.81	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	94.97	
<b>08 52 16 00-0257</b>			<b>40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0258	EA		33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	347.16	25.58
			<i>For Tempered Clear Insulated Glass, Add</i>	59.20	
08 52 16 00-0259	EA		40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	388.45	27.26
			<i>For Tempered Clear Insulated Glass, Add</i>	66.78	
08 52 16 00-0260	EA		48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	431.57	29.17
			<i>For Tempered Clear Insulated Glass, Add</i>	74.64	
08 52 16 00-0261	EA		56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	481.46	31.09
			<i>For Tempered Clear Insulated Glass, Add</i>	83.86	
08 52 16 00-0262	EA		62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	518.50	32.52
			<i>For Tempered Clear Insulated Glass, Add</i>	90.69	
08 52 16 00-0263	EA		71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	674.29	34.68
			<i>For Tempered Clear Insulated Glass, Add</i>	120.99	
<b>08 52 16 00-0264</b>			<b>48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0265	EA		33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	389.60	27.50
			<i>For Tempered Clear Insulated Glass, Add</i>	66.92	
08 52 16 00-0266	EA		40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	431.57	29.17
			<i>For Tempered Clear Insulated Glass, Add</i>	74.64	
08 52 16 00-0267	EA		48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	474.69	31.09
			<i>For Tempered Clear Insulated Glass, Add</i>	82.50	
08 52 16 00-0268	EA		56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	524.59	33.00
			<i>For Tempered Clear Insulated Glass, Add</i>	91.72	
08 52 16 00-0269	EA		62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	560.08	34.43
			<i>For Tempered Clear Insulated Glass, Add</i>	98.24	
08 52 16 00-0270	EA		71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	613.74	36.59
			<i>For Tempered Clear Insulated Glass, Add</i>	108.11	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0272 EA 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	417.93 72.20	28.46
08 52 16 00-0273 EA 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	459.23 79.79	30.14
08 52 16 00-0274 EA 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	497.33 86.65	32.05
08 52 16 00-0275 EA 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	552.26 96.87	33.96
08 52 16 00-0276 EA 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	589.43 103.73	35.39
08 52 16 00-0277 EA 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	642.09 113.40	37.55
<b>08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0279 EA 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	459.90 79.93	30.14
08 52 16 00-0280 EA 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	501.20 87.52	32.05
08 52 16 00-0281 EA 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	544.32 95.38	33.96
08 52 16 00-0282 EA 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	594.22 104.59	35.64
08 52 16 00-0283 EA 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	631.40 111.45	37.06
08 52 16 00-0284 EA 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	683.37 120.99	39.22
<b>08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0286 EA 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	488.73 85.21	31.33
08 52 16 00-0287 EA 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	530.01 92.80	33.00
08 52 16 00-0288 EA 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	573.82 100.80	34.92
08 52 16 00-0289 EA 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	623.72 110.01	36.83
<b>08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0291 EA 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	530.69 92.94	33.00
08 52 16 00-0292 EA 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	571.98 100.53	34.92
08 52 16 00-0293 EA 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	615.10 108.39	36.83
08 52 16 00-0294 EA 56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	665.01 117.60	38.50
<b>08 52 16 00-0295 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)</b>		
<b>08 52 16 00-0296 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)</b>		
08 52 16 00-0297 EA 71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	471.56 81.97	30.85
08 52 16 00-0298 EA 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	548.32 96.08	33.96
<b>08 52 16 00-0299 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)</b>		
08 52 16 00-0300 EA 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	500.31 87.34	31.80
08 52 16 00-0301 EA 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	572.04 100.44	34.92

08	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0302</b> <b>35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0303    EA    61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	481.60	31.09
For Tempered Clear Insulated Glass, Add .....	83.89	
08 52 16 00-0304    EA    71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	543.17	33.48
For Tempered Clear Insulated Glass, Add .....	95.24	
08 52 16 00-0305    EA    84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	619.16	36.83
For Tempered Clear Insulated Glass, Add .....	109.20	
<b>08 52 16 00-0306</b> <b>40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0307    EA    61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	509.04	32.52
For Tempered Clear Insulated Glass, Add .....	88.89	
08 52 16 00-0308    EA    71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	572.66	34.68
For Tempered Clear Insulated Glass, Add .....	100.66	
08 52 16 00-0309    EA    84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	647.99	37.78
For Tempered Clear Insulated Glass, Add .....	114.48	
<b>08 52 16 00-0310</b> <b>48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0311    EA    71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	615.10	36.59
For Tempered Clear Insulated Glass, Add .....	108.39	
08 52 16 00-0312    EA    84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	690.43	39.70
For Tempered Clear Insulated Glass, Add .....	122.21	
<b>08 52 16 00-0313</b> <b>52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0314    EA    71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	643.44	37.55
For Tempered Clear Insulated Glass, Add .....	113.67	
08 52 16 00-0315    EA    84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	718.76	40.65
For Tempered Clear Insulated Glass, Add .....	127.49	
<b>08 52 16 00-0316</b> <b>59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0317    EA    71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	684.72	39.22
For Tempered Clear Insulated Glass, Add .....	121.26	
08 52 16 00-0318    EA    84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	760.73	42.56
For Tempered Clear Insulated Glass, Add .....	135.22	
<b>08 52 16 00-0319</b> <b>Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0178)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0320</b> <b>One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0319)</small>		
<b>08 52 16 00-0321</b> <b>24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0322    EA    17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	198.43	18.17
For Tempered Low-E Insulated Glass, Add .....	32.51	
08 52 16 00-0323    EA    20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	210.03	18.66
For Tempered Low-E Insulated Glass, Add .....	34.54	
08 52 16 00-0324    EA    24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	222.95	19.61
For Tempered Low-E Insulated Glass, Add .....	36.75	
08 52 16 00-0325    EA    28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	234.84	20.57
For Tempered Low-E Insulated Glass, Add .....	38.74	
<b>08 52 16 00-0326</b> <b>28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0327    EA    17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	213.04	19.13
For Tempered Low-E Insulated Glass, Add .....	35.05	
08 52 16 00-0328    EA    20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	224.64	19.61
For Tempered Low-E Insulated Glass, Add .....	37.08	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0329	EA		24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	237.56 39.29	20.57
08 52 16 00-0330	EA		28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	243.84 40.16	21.52
08 52 16 00-0331	EA		31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	258.91 42.89	22.48
<b>08 52 16 00-0332</b>			<b>35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small></b>		
08 52 16 00-0333	EA		17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	239.26 39.63	20.57
08 52 16 00-0334	EA		20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	251.70 41.83	21.52
08 52 16 00-0335	EA		24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	264.63 44.03	22.24
08 52 16 00-0336	EA		28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	285.18 47.76	23.20
08 52 16 00-0337	EA		31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	304.79 51.39	23.92
08 52 16 00-0338	EA		35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	323.98 55.04	24.39
<b>08 52 16 00-0339</b>			<b>40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small></b>		
08 52 16 00-0340	EA		17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	256.89 42.67	22.00
08 52 16 00-0341	EA		20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	268.50 44.71	22.48
08 52 16 00-0342	EA		24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	281.42 46.91	23.43
08 52 16 00-0343	EA		28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	311.27 52.50	24.39
08 52 16 00-0344	EA		31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	331.84 56.32	25.35
08 52 16 00-0345	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	351.04 59.78	26.30
<b>08 52 16 00-0346</b>			<b>48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small></b>		
08 52 16 00-0347	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	281.90 46.91	23.92
08 52 16 00-0348	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	294.34 49.11	24.39
08 52 16 00-0349	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	307.26 51.31	25.35
08 52 16 00-0350	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	348.56 59.19	26.30
08 52 16 00-0351	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	364.61 62.11	27.26
08 52 16 00-0352	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	388.75 66.56	28.21
<b>08 52 16 00-0353</b>			<b>52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small></b>		
08 52 16 00-0354	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	299.05 49.96	24.87
08 52 16 00-0355	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	310.64 51.99	25.35
08 52 16 00-0356	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	323.58 54.19	26.30
08 52 16 00-0357	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	374.62 64.02	27.26
08 52 16 00-0358	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	398.69 68.55	28.21
08 52 16 00-0359	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	414.37 71.30	29.17
<b>08 52 16 00-0360</b>			<b>59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small></b>		
08 52 16 00-0361	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	323.58 54.19	26.30
08 52 16 00-0362	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.01 56.39	27.26
08 52 16 00-0363	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	348.94 58.60	27.98

**08 Openings****08 50 Windows**

08 52 Wood Windows


**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0364	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	411.83	28.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	70.79	
08 52 16 00-0365	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	428.84	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.91	
08 52 16 00-0366	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	451.60	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	78.08	
<b>08 52 16 00-0367</b>			<b>64-13/16" Height, One Operating Sash, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0368	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	341.21	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	57.24	
08 52 16 00-0369	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	352.81	28.21
			<i>For Tempered Low-E Insulated Glass, Add</i>	59.27	
08 52 16 00-0370	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	365.73	29.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	61.48	
08 52 16 00-0371	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	437.94	30.14
			<i>For Tempered Low-E Insulated Glass, Add</i>	75.54	
08 52 16 00-0372	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	453.74	31.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	78.41	
08 52 16 00-0373	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	477.70	32.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.82	
<b>08 52 16 00-0374</b>			<b>71-7/8" Height, One Operating Sash, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0375	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	365.73	29.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	61.48	
08 52 16 00-0376	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	378.18	30.14
			<i>For Tempered Low-E Insulated Glass, Add</i>	63.68	
08 52 16 00-0377	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	391.10	30.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	65.88	
08 52 16 00-0378	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	475.16	31.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.31	
08 52 16 00-0379	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	494.60	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.91	
08 52 16 00-0380	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) .....	514.93	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	89.59	
<b>08 52 16 00-0381</b>			<b>Two Operating Sashes, Casement Wood Clad Windows (Andersen 400</b>		
			<b>Series)</b> <small>(08 52 16 00-0319)</small>		
<b>08 52 16 00-0382</b>			<b>24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>		
08 52 16 00-0383	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	358.03	23.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	62.23	
08 52 16 00-0384	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	407.71	25.35
			<i>For Tempered Low-E Insulated Glass, Add</i>	71.40	
08 52 16 00-0385	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	465.39	27.26
			<i>For Tempered Low-E Insulated Glass, Add</i>	82.17	
<b>08 52 16 00-0386</b>			<b>28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>		
08 52 16 00-0387	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	386.81	24.39
			<i>For Tempered Low-E Insulated Glass, Add</i>	67.61	
08 52 16 00-0388	EA		48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	436.52	26.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.78	
08 52 16 00-0389	EA		56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	494.17	28.21
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.55	
<b>08 52 16 00-0390</b>			<b>35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>		
08 52 16 00-0391	EA		33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	383.21	24.39
			<i>For Tempered Low-E Insulated Glass, Add</i>	66.89	
08 52 16 00-0392	EA		40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	433.99	26.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.37	
08 52 16 00-0393	EA		48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	486.94	28.21
			<i>For Tempered Low-E Insulated Glass, Add</i>	86.20	
08 52 16 00-0394	EA		56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	548.36	29.89
			<i>For Tempered Low-E Insulated Glass, Add</i>	97.71	
08 52 16 00-0395	EA		62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	589.45	31.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	105.36	
08 52 16 00-0396	EA		71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	658.01	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.21	
<b>08 52 16 00-0397</b>			<b>40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows</b>		
			<b>(Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0398	EA		33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	418.64 73.49	25.58
08 52 16 00-0399	EA		40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	469.42 82.98	27.26
08 52 16 00-0400	EA		48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	522.36 92.80	29.17
08 52 16 00-0401	EA		56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	583.77 104.32	31.09
08 52 16 00-0402	EA		62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	629.35 112.86	32.52
08 52 16 00-0403	EA		71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	823.01 150.73	34.68
<b>08 52 16 00-0404</b>			<b>48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)</b>		
08 52 16 00-0405	EA		33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	470.74 83.15	27.50
08 52 16 00-0406	EA		40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	522.36 92.80	29.17
08 52 16 00-0407	EA		48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	575.30 102.63	31.09
08 52 16 00-0408	EA		56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	636.72 114.14	33.00
08 52 16 00-0409	EA		62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	680.36 122.30	34.43
08 52 16 00-0410	EA		71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	746.37 134.64	36.59
<b>08 52 16 00-0411</b>			<b>52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)</b>		
08 52 16 00-0412	EA		33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	505.68 89.75	28.46
08 52 16 00-0413	EA		40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	556.45 99.24	30.14
08 52 16 00-0414	EA		48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.38 108.06	32.05
08 52 16 00-0415	EA		56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	670.83 120.58	33.96
08 52 16 00-0416	EA		62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	716.58 129.16	35.39
08 52 16 00-0417	EA		71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	781.32 141.25	37.55
<b>08 52 16 00-0418</b>			<b>59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)</b>		
08 52 16 00-0419	EA		33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	557.30 99.41	30.14
08 52 16 00-0420	EA		40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	608.08 108.89	32.05
08 52 16 00-0421	EA		48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	661.03 118.72	33.96
08 52 16 00-0422	EA		56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	722.44 130.24	35.64
08 52 16 00-0423	EA		62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	768.20 138.81	37.06
08 52 16 00-0424	EA		71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	832.09 150.73	39.22
<b>08 52 16 00-0425</b>			<b>64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)</b>		
08 52 16 00-0426	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.73 106.01	31.33
08 52 16 00-0427	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	643.50 115.50	33.00
08 52 16 00-0428	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	697.30 125.49	34.92
08 52 16 00-0429	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	758.72 137.01	36.83
<b>08 52 16 00-0430</b>			<b>71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)</b>		
08 52 16 00-0431	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	644.35 115.67	33.00
08 52 16 00-0432	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	695.12 125.15	34.92

**08 Openings**

08 50 Windows

08 52 Wood Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0433	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	748.07	36.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.98	
08 52 16 00-0434	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	809.50	38.50
			<i>For Tempered Low-E Insulated Glass, Add</i>	146.50	
08 52 16 00-0435			<b>One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)</b>		
08 52 16 00-0436			<b>24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0437	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	572.77	30.85
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.21	
08 52 16 00-0438	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	665.91	33.96
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.60	
08 52 16 00-0439			<b>28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0440	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	606.97	31.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	108.67	
08 52 16 00-0441	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	695.08	34.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.05	
08 52 16 00-0442			<b>35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0443	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	583.94	31.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.35	
08 52 16 00-0444	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	659.70	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.55	
08 52 16 00-0445	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	753.15	36.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.00	
08 52 16 00-0446			<b>40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0447	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	617.65	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	110.62	
08 52 16 00-0448	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	695.97	34.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.32	
08 52 16 00-0449	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	788.58	37.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	142.60	
08 52 16 00-0450			<b>48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0451	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	748.07	36.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.98	
08 52 16 00-0452	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	840.67	39.70
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.26	
08 52 16 00-0453			<b>52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0454	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	783.02	37.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	141.59	
08 52 16 00-0455	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	875.61	40.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	158.86	
08 52 16 00-0456			<b>59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)</b>		
08 52 16 00-0457	EA		71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	833.78	39.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	151.07	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0458	EA		84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	927.24 168.52	42.56
08 52 16 00-0459			<b>Awning Wood Clad Windows</b> <small>(08 52 16)</small>		
08 52 16 00-0460			<b>Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461			<b>Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0460)</small>		
08 52 16 00-0462			<b>17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0463	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	180.75 28.31	19.61
08 52 16 00-0464	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	193.50 30.47	20.57
08 52 16 00-0465	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	203.94 32.28	21.29
08 52 16 00-0466	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	217.18 34.54	22.24
08 52 16 00-0467	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	232.44 37.11	23.43
08 52 16 00-0468	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	255.91 41.04	25.35
08 52 16 00-0469	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	270.71 43.62	26.30
08 52 16 00-0470	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	292.34 47.28	28.21
08 52 16 00-0471	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	300.53 48.44	29.17
08 52 16 00-0472	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	321.94 52.05	30.85
08 52 16 00-0473			<b>20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0474	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	190.64 30.00	20.57
08 52 16 00-0475	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	204.42 32.37	21.52
08 52 16 00-0476	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	213.42 33.88	22.00
08 52 16 00-0477	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	228.09 36.44	22.96
08 52 16 00-0478	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	243.36 39.01	24.39
08 52 16 00-0479	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	266.16 42.81	26.07
08 52 16 00-0480	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	280.94 45.38	27.26
08 52 16 00-0481	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	303.26 49.17	28.70
08 52 16 00-0482	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	310.67 50.18	30.14
08 52 16 00-0483	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	332.74 53.92	31.57
08 52 16 00-0484	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	511.03 88.34	34.92
08 52 16 00-0485			<b>24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0486	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	203.06 32.10	21.52
08 52 16 00-0487	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	215.82 34.27	22.48
08 52 16 00-0488	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	224.52 35.72	22.96
08 52 16 00-0489	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	239.50 38.33	23.92
08 52 16 00-0490	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	254.76 40.91	25.35
08 52 16 00-0491	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	278.23 44.84	27.02
08 52 16 00-0492	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	293.02 47.41	28.21
08 52 16 00-0493	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	315.34 51.21	29.65
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	321.94 52.05	31.09

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	343.32	32.52
			<i>For Tempered Clear Insulated Glass, Add</i>	55.66	
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	537.65	35.87
			<i>For Tempered Clear Insulated Glass, Add</i>	93.28	
<b>08 52 16 00-0497</b>			<b>28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	202.95	22.48
			<i>For Tempered Clear Insulated Glass, Add</i>	31.69	
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	222.48	23.43
			<i>For Tempered Clear Insulated Glass, Add</i>	35.22	
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	235.06	23.92
			<i>For Tempered Clear Insulated Glass, Add</i>	37.45	
08 52 16 00-0501	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	258.35	24.87
			<i>For Tempered Clear Insulated Glass, Add</i>	41.72	
08 52 16 00-0502	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	281.74	26.30
			<i>For Tempered Clear Insulated Glass, Add</i>	45.92	
08 52 16 00-0503	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	316.06	27.98
			<i>For Tempered Clear Insulated Glass, Add</i>	52.02	
08 52 16 00-0504	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	338.30	29.17
			<i>For Tempered Clear Insulated Glass, Add</i>	56.09	
08 52 16 00-0505	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	372.13	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	62.18	
08 52 16 00-0506	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	384.73	32.05
			<i>For Tempered Clear Insulated Glass, Add</i>	64.22	
08 52 16 00-0507	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	417.52	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	70.11	
08 52 16 00-0508	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	552.25	36.83
			<i>For Tempered Clear Insulated Glass, Add</i>	95.82	
<b>08 52 16 00-0509</b>			<b>31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0510	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	235.06	23.92
			<i>For Tempered Clear Insulated Glass, Add</i>	37.45	
08 52 16 00-0511	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	248.56	24.63
			<i>For Tempered Clear Insulated Glass, Add</i>	39.86	
08 52 16 00-0512	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	267.14	25.58
			<i>For Tempered Clear Insulated Glass, Add</i>	43.19	
08 52 16 00-0513	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	287.92	26.79
			<i>For Tempered Clear Insulated Glass, Add</i>	46.87	
08 52 16 00-0514	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	318.18	28.70
			<i>For Tempered Clear Insulated Glass, Add</i>	52.16	
08 52 16 00-0515	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	339.06	29.65
			<i>For Tempered Clear Insulated Glass, Add</i>	55.95	
08 52 16 00-0516	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	368.84	31.57
			<i>For Tempered Clear Insulated Glass, Add</i>	61.24	
08 52 16 00-0517	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	389.61	32.52
			<i>For Tempered Clear Insulated Glass, Add</i>	64.91	
08 52 16 00-0518	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	419.97	34.20
			<i>For Tempered Clear Insulated Glass, Add</i>	70.32	
08 52 16 00-0519	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	588.63	37.31
			<i>For Tempered Clear Insulated Glass, Add</i>	102.80	
<b>08 52 16 00-0520</b>			<b>35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0521	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	267.14	25.58
			<i>For Tempered Clear Insulated Glass, Add</i>	43.19	
08 52 16 00-0522	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	293.54	26.55
			<i>For Tempered Clear Insulated Glass, Add</i>	48.09	
08 52 16 00-0523	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	316.93	27.74
			<i>For Tempered Clear Insulated Glass, Add</i>	52.29	
08 52 16 00-0524	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	351.25	29.65
			<i>For Tempered Clear Insulated Glass, Add</i>	58.39	
08 52 16 00-0525	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	374.17	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	62.59	
08 52 16 00-0526	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	407.33	32.52
			<i>For Tempered Clear Insulated Glass, Add</i>	68.55	
08 52 16 00-0527	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	356.64	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	57.94	
08 52 16 00-0528	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	382.72	35.15
			<i>For Tempered Clear Insulated Glass, Add</i>	62.48	
<b>08 52 16 00-0529</b>			<b>40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0530	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	312.87	27.74
			<i>For Tempered Clear Insulated Glass, Add</i>	51.48	
08 52 16 00-0531	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	351.85	29.17
			<i>For Tempered Clear Insulated Glass, Add</i>	58.80	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0532			<b>48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0533	EA		35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	371.58 62.45	29.65
08 52 16 00-0534	EA		40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	411.23 69.91	31.09
08 52 16 00-0535	EA		48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	469.26 80.75	32.76
08 52 16 00-0536			<b>59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0537	EA		35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	459.35 78.96	32.28
08 52 16 00-0538	EA		40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	494.10 85.43	33.48
08 52 16 00-0539			<b>71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0540	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	501.89 87.37	32.52
08 52 16 00-0541	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	519.50 69.84	35.15
08 52 16 00-0542	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	574.54 100.37	36.34
08 52 16 00-0543	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	630.88 110.87	38.27
08 52 16 00-0544			<b>Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0545			<b>17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0546	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	159.75 24.11	19.61
08 52 16 00-0547	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	171.82 26.14	20.57
08 52 16 00-0548	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	179.80 27.45	21.29
08 52 16 00-0549	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	192.78 29.66	22.24
08 52 16 00-0550	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	206.69 31.96	23.43
08 52 16 00-0551	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	228.13 35.49	25.35
08 52 16 00-0552	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	240.90 37.66	26.30
08 52 16 00-0553	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	261.18 41.04	28.21
08 52 16 00-0554	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	275.09 43.35	29.17
08 52 16 00-0555	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	295.37 46.73	30.85
08 52 16 00-0556			<b>20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0557	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	169.31 25.73	20.57
08 52 16 00-0558	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	181.38 27.76	21.52
08 52 16 00-0559	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	188.71 28.94	22.00
08 52 16 00-0560	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	203.02 31.42	22.96
08 52 16 00-0561	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	216.94 33.73	24.39
08 52 16 00-0562	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	237.70 37.11	26.07
08 52 16 00-0563	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	251.13 39.42	27.26
08 52 16 00-0564	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	270.74 42.67	28.70
08 52 16 00-0565	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	285.33 45.11	30.14
08 52 16 00-0566	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	304.94 48.36	31.57

**08 Openings****08 50 Windows****08 52 Wood Windows**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0567			<b>24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0544)		
08 52 16 00-0568	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	180.02	21.52
			<i>For Tempered Clear Insulated Glass, Add</i> .....	27.49	
08 52 16 00-0569	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	192.11	22.48
			<i>For Tempered Clear Insulated Glass, Add</i> .....	29.53	
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	198.67	22.96
			<i>For Tempered Clear Insulated Glass, Add</i> .....	30.55	
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	213.07	23.92
			<i>For Tempered Clear Insulated Glass, Add</i> .....	33.05	
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	226.98	25.35
			<i>For Tempered Clear Insulated Glass, Add</i> .....	35.35	
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	247.74	27.02
			<i>For Tempered Clear Insulated Glass, Add</i> .....	38.74	
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	261.18	28.21
			<i>For Tempered Clear Insulated Glass, Add</i> .....	41.04	
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	281.47	29.65
			<i>For Tempered Clear Insulated Glass, Add</i> .....	44.43	
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	295.37	31.09
			<i>For Tempered Clear Insulated Glass, Add</i> .....	46.73	
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	315.65	32.52
			<i>For Tempered Clear Insulated Glass, Add</i> .....	50.12	
08 52 16 00-0578			<b>28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0544)		
08 52 16 00-0579	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	181.27	22.48
			<i>For Tempered Clear Insulated Glass, Add</i> .....	27.36	
08 52 16 00-0580	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	197.41	23.43
			<i>For Tempered Clear Insulated Glass, Add</i> .....	30.20	
08 52 16 00-0581	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	206.33	23.92
			<i>For Tempered Clear Insulated Glass, Add</i> .....	31.70	
08 52 16 00-0582	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	214.98	24.87
			<i>For Tempered Clear Insulated Glass, Add</i> .....	33.05	
08 52 16 00-0583	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	245.15	26.30
			<i>For Tempered Clear Insulated Glass, Add</i> .....	38.60	
08 52 16 00-0584	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	272.70	27.98
			<i>For Tempered Clear Insulated Glass, Add</i> .....	43.35	
08 52 16 00-0585	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	290.87	29.17
			<i>For Tempered Clear Insulated Glass, Add</i> .....	46.60	
08 52 16 00-0586	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	317.93	30.61
			<i>For Tempered Clear Insulated Glass, Add</i> .....	51.34	
08 52 16 00-0587	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	337.26	32.05
			<i>For Tempered Clear Insulated Glass, Add</i> .....	54.73	
08 52 16 00-0588	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	364.32	33.48
			<i>For Tempered Clear Insulated Glass, Add</i> .....	59.47	
08 52 16 00-0589			<b>31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0544)		
08 52 16 00-0590	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	206.33	23.92
			<i>For Tempered Clear Insulated Glass, Add</i> .....	31.70	
08 52 16 00-0591	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	217.53	24.63
			<i>For Tempered Clear Insulated Glass, Add</i> .....	33.65	
08 52 16 00-0592	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	232.67	25.58
			<i>For Tempered Clear Insulated Glass, Add</i> .....	36.30	
08 52 16 00-0593	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	250.00	26.79
			<i>For Tempered Clear Insulated Glass, Add</i> .....	39.29	
08 52 16 00-0594	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	275.08	28.70
			<i>For Tempered Clear Insulated Glass, Add</i> .....	43.54	
08 52 16 00-0595	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	291.94	29.65
			<i>For Tempered Clear Insulated Glass, Add</i> .....	46.53	
08 52 16 00-0596	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	316.55	31.57
			<i>For Tempered Clear Insulated Glass, Add</i> .....	50.78	
08 52 16 00-0597	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	333.30	32.52
			<i>For Tempered Clear Insulated Glass, Add</i> .....	53.65	
08 52 16 00-0598	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	357.91	34.20
			<i>For Tempered Clear Insulated Glass, Add</i> .....	57.90	
08 52 16 00-0599			<b>35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> (08 52 16 00-0544)		
08 52 16 00-0600	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	232.67	25.58
			<i>For Tempered Clear Insulated Glass, Add</i> .....	36.30	
08 52 16 00-0601	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	254.92	26.55
			<i>For Tempered Clear Insulated Glass, Add</i> .....	40.37	
08 52 16 00-0602	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	273.57	27.74
			<i>For Tempered Clear Insulated Glass, Add</i> .....	43.62	
08 52 16 00-0603	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	301.79	29.65
			<i>For Tempered Clear Insulated Glass, Add</i> .....	48.50	
08 52 16 00-0604	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	319.96	30.61
			<i>For Tempered Clear Insulated Glass, Add</i> .....	51.75	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0605	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	347.03 56.49	32.52
08 52 16 00-0606	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	365.68 59.74	33.48
08 52 16 00-0607	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	392.73 64.49	35.15
<b>08 52 16 00-0608</b>			<b>Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0609</b>			<b>Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0608)</small>		
<b>08 52 16 00-0610</b>			<b>17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	214.29 35.01	19.61
08 52 16 00-0612	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	229.75 37.72	20.57
08 52 16 00-0613	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	242.43 39.97	21.29
08 52 16 00-0614	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	258.51 42.81	22.24
08 52 16 00-0615	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	276.99 46.02	23.43
08 52 16 00-0616	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	305.37 50.94	25.35
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	323.39 54.15	26.30
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	349.60 58.73	28.21
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	359.23 60.18	29.17
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	385.16 64.69	30.85
<b>08 52 16 00-0621</b>			<b>20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	226.30 37.13	20.57
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	243.04 40.10	21.52
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	253.93 41.99	22.00
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	271.79 45.18	22.96
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	290.28 48.39	24.39
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	317.82 53.14	26.07
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	335.82 56.36	27.26
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	362.88 61.10	28.70
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.55 62.35	30.14
08 52 16 00-0631	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	398.30 67.03	31.57
08 52 16 00-0632	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	619.61 110.05	34.92
<b>08 52 16 00-0633</b>			<b>24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0634	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	241.34 39.76	21.52
08 52 16 00-0635	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	256.81 42.47	22.48
08 52 16 00-0636	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	267.33 44.28	22.96
08 52 16 00-0637	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	285.57 47.55	23.92
08 52 16 00-0638	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	304.05 50.77	25.35
08 52 16 00-0639	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	332.43 55.68	27.02
08 52 16 00-0640	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	350.44 58.90	28.21
08 52 16 00-0641	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	377.51 63.64	29.65
08 52 16 00-0642	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	385.16 64.69	31.09

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0643	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	411.05	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.20	
08 52 16 00-0644	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	652.40	35.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	116.23	
<b>08 52 16 00-0645</b>			<b>28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	240.72	22.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	39.25	
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	264.66	23.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	43.65	
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	280.03	23.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.44	
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	308.65	24.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	51.78	
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	337.30	26.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	57.03	
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	379.24	27.98
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.66	
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	406.56	29.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.74	
08 52 16 00-0653	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	448.02	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.36	
08 52 16 00-0654	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	463.17	32.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.91	
08 52 16 00-0655	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	577.07	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.02	
08 52 16 00-0656	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	670.18	36.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.40	
<b>08 52 16 00-0657</b>			<b>31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0658	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	280.03	23.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.44	
08 52 16 00-0659	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	296.54	24.63
			<i>For Tempered Low-E Insulated Glass, Add</i>	49.46	
08 52 16 00-0660	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	319.29	25.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.62	
08 52 16 00-0661	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	344.67	26.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	58.22	
08 52 16 00-0662	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	381.53	28.70
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.83	
08 52 16 00-0663	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	407.15	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.57	
08 52 16 00-0664	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	443.54	31.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.18	
08 52 16 00-0665	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	468.91	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	80.77	
08 52 16 00-0666	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	506.02	34.20
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.53	
08 52 16 00-0667	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	715.29	37.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	128.14	
<b>08 52 16 00-0668</b>			<b>35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0669	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	319.29	25.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.62	
08 52 16 00-0670	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	351.81	26.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	59.74	
08 52 16 00-0671	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	380.45	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.99	
08 52 16 00-0672	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	422.40	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.62	
08 52 16 00-0673	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	450.56	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.87	
08 52 16 00-0674	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	491.17	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.32	
08 52 16 00-0675	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	427.22	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.05	
08 52 16 00-0676	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	458.99	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.74	
<b>08 52 16 00-0677</b>			<b>40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0678	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	372.98	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	63.98	
08 52 16 00-0679	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	424.94	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.13	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0680</b> <b>48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0681    EA    35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	447.80 77.70	29.65
08 52 16 00-0682    EA    40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	496.77 87.01	31.09
08 52 16 00-0683    EA    48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	568.35 100.57	32.76
<b>08 52 16 00-0684</b> <b>59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0685    EA    35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	556.21 98.33	32.28
08 52 16 00-0686    EA    40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	599.04 106.42	33.48
<b>08 52 16 00-0687</b> <b>71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0688    EA    24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	609.26 108.84	32.52
08 52 16 00-0689    EA    35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	629.96 111.93	35.15
08 52 16 00-0690    EA    40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	698.16 125.09	36.34
08 52 16 00-0691    EA    48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	767.62 138.22	38.27
<b>08 52 16 00-0692</b> <b>Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0608)</small>		
<b>08 52 16 00-0693</b> <b>17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0694    EA    24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	188.03 29.76	19.61
08 52 16 00-0695    EA    28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	202.65 32.30	20.57
08 52 16 00-0696    EA    31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	212.27 33.94	21.29
08 52 16 00-0697    EA    35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	228.02 36.71	22.24
08 52 16 00-0698    EA    40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	244.80 39.59	23.43
08 52 16 00-0699    EA    48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	270.64 43.99	25.35
08 52 16 00-0700    EA    52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	286.13 46.70	26.30
08 52 16 00-0701    EA    59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	310.64 50.94	28.21
08 52 16 00-0702    EA    64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	327.43 53.82	29.17
08 52 16 00-0703    EA    71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	351.95 58.05	30.85
<b>08 52 16 00-0704</b> <b>20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0705    EA    24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	199.63 31.80	20.57
08 52 16 00-0706    EA    28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	214.24 34.34	21.52
08 52 16 00-0707    EA    31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	223.04 35.81	22.00
08 52 16 00-0708    EA    35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	240.46 38.91	22.96
08 52 16 00-0709    EA    40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	257.25 41.79	24.39
08 52 16 00-0710    EA    48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	282.25 46.02	26.07
08 52 16 00-0711    EA    52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	298.56 48.90	27.26
08 52 16 00-0712    EA    59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	322.23 52.97	28.70
08 52 16 00-0713    EA    64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	339.88 56.02	30.14
08 52 16 00-0714    EA    71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	363.54 60.08	31.57

**08 Openings****08 50 Windows****08 52 Wood Windows**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0715			<b>24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0692)		
08 52 16 00-0716	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	212.55 34.00	21.52
08 52 16 00-0717	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	227.17 36.54	22.48
08 52 16 00-0718	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	235.01 37.82	22.96
08 52 16 00-0719	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	252.54 40.94	23.92
08 52 16 00-0720	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	269.33 43.82	25.35
08 52 16 00-0721	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	294.32 48.06	27.02
08 52 16 00-0722	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	310.64 50.94	28.21
08 52 16 00-0723	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	335.16 55.17	29.65
08 52 16 00-0724	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	351.95 58.05	31.09
08 52 16 00-0725	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	376.46 62.28	32.52
08 52 16 00-0726			<b>28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0692)		
08 52 16 00-0727	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	213.62 33.83	22.48
08 52 16 00-0728	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	233.32 37.38	23.43
08 52 16 00-0729	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	244.11 39.26	23.92
08 52 16 00-0730	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	254.45 40.94	24.87
08 52 16 00-0731	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	291.56 47.89	26.30
08 52 16 00-0732	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	325.04 53.82	27.98
08 52 16 00-0733	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	347.27 57.88	29.17
08 52 16 00-0734	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	380.27 63.81	30.61
08 52 16 00-0735	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	403.83 68.04	32.05
08 52 16 00-0736	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	436.82 73.97	33.48
08 52 16 00-0737			<b>31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0692)		
08 52 16 00-0738	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) ..... For Tempered Low-E Insulated Glass, Add	244.11 39.26	23.92
08 52 16 00-0739	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	257.75 41.70	24.63
08 52 16 00-0740	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	276.19 45.00	25.58
08 52 16 00-0741	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	297.26 48.74	26.79
08 52 16 00-0742	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	327.66 54.05	28.70
08 52 16 00-0743	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	348.25 57.79	29.65
08 52 16 00-0744	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	378.18 63.10	31.57
08 52 16 00-0745	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	398.52 66.70	32.52
08 52 16 00-0746	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	428.44 72.01	34.20
08 52 16 00-0747			<b>35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0692)		
08 52 16 00-0748	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	276.19 45.00	25.58
08 52 16 00-0749	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	303.53 50.09	26.55
08 52 16 00-0750	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	326.25 54.15	27.74
08 52 16 00-0751	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	360.57 60.25	29.65
08 52 16 00-0752	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... For Tempered Low-E Insulated Glass, Add	382.81 64.32	30.61



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0753 EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	415.80 70.25	32.52
08 52 16 00-0754 EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	438.51 74.31	33.48
08 52 16 00-0755 EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	471.50 80.24	35.15
<b>08 52 16 00-0756 Horizontal Sliding Wood Clad Windows</b> <small>(08 52 16)</small>		
<b>08 52 16 00-0757 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0756)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0758 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0759 EA 47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	224.15 34.79	25.35
<b>08 52 16 00-0760 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0761 EA 35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	206.23 31.78	23.43
08 52 16 00-0762 EA 47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	241.24 37.63	26.79
<b>08 52 16 00-0763 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0764 EA 35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	241.24 37.63	26.79
08 52 16 00-0765 EA 47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	276.23 43.48	29.65
08 52 16 00-0766 EA 59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	311.25 49.34	32.28
08 52 16 00-0767 EA 71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	346.25 55.19	35.15
<b>08 52 16 00-0768 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0769 EA 35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	259.16 40.64	28.21
08 52 16 00-0770 EA 47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	293.33 46.33	31.09
08 52 16 00-0771 EA 59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	328.34 52.18	33.72
08 52 16 00-0772 EA 71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	392.60 63.89	36.59
<b>08 52 16 00-0773 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0774 EA 35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	276.23 43.48	29.65
08 52 16 00-0775 EA 47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	311.25 49.34	32.52
08 52 16 00-0776 EA 59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	346.25 55.19	35.15
08 52 16 00-0777 EA 71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	381.27 61.04	38.02
<b>08 52 16 00-0778 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0779 EA 47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	328.34 52.18	33.96
08 52 16 00-0780 EA 59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	363.33 58.03	36.59
08 52 16 00-0781 EA 71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	398.35 63.89	39.46
<b>08 52 16 00-0782 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0783 EA 47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	346.25 55.19	35.39

**08 Openings****08 50 Windows**

08 52 Wood Windows


**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0784	EA		59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	381.27	38.02
			<i>For Tempered Clear Insulated Glass, Add</i>	61.04	
08 52 16 00-0785	EA		71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	416.34	40.90
			<i>For Tempered Clear Insulated Glass, Add</i>	66.91	
08 52 16 00-0786			<b>Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787			<b>22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
08 52 16 00-0788	EA		35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	499.65	23.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	90.46	
08 52 16 00-0789	EA		47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	594.87	26.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	108.36	
08 52 16 00-0790			<b>35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
08 52 16 00-0791	EA		35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	602.39	26.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.86	
08 52 16 00-0792	EA		47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	698.43	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.92	
08 52 16 00-0793	EA		59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	793.66	32.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0794	EA		71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	888.86	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0795			<b>41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
08 52 16 00-0796	EA		35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	650.42	28.21
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.89	
08 52 16 00-0797	EA		47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	745.63	31.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.79	
08 52 16 00-0798	EA		59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	841.68	33.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	154.85	
08 52 16 00-0799	EA		71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	936.89	36.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	172.74	
08 52 16 00-0800			<b>47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
08 52 16 00-0801	EA		35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	698.43	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.92	
08 52 16 00-0802	EA		47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	793.66	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0803	EA		59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	888.86	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0804	EA		71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	984.92	38.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	181.77	
08 52 16 00-0805			<b>59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)</b> (08 52 16 00-0786)		
08 52 16 00-0806	EA		35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	793.66	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0807	EA		47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	888.86	35.39
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0808	EA		59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	984.92	38.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	181.77	
08 52 16 00-0809	EA		71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,080.14	40.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	199.67	
08 52 16 00-0810			<b>Picture Wood Clad Windows</b> (08 52 16)		
08 52 16 00-0811			<b>Picture Wood Clad Windows For Awning And Casement Windows</b> (08 52 16 00-0810)		
08 52 16 00-0812			<b>Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> (08 52 16 00-0811)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813			<b>12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> (08 52 16 00-0812)		
08 52 16 00-0814	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	176.25	19.13
			<i>For Tempered Clear Insulated Glass, Add</i>	27.60	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0815 EA 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	206.21 32.82	21.04
08 52 16 00-0816 EA 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	219.06 35.01	22.00
08 52 16 00-0817 EA 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	237.61 38.05	23.92
08 52 16 00-0818 EA 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	250.33 40.12	24.87
08 52 16 00-0819 EA 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	268.88 43.16	26.79
<b>08 52 16 00-0820 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0821 EA 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	195.73 29.77	23.43
08 52 16 00-0822 EA 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	226.25 35.40	24.87
08 52 16 00-0823 EA 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	271.24 43.63	26.55
08 52 16 00-0824 EA 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	300.59 49.12	27.50
08 52 16 00-0825 EA 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	344.42 57.21	29.17
08 52 16 00-0826 EA 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	374.94 62.84	30.37
08 52 16 00-0827 EA 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	555.96 98.37	32.05
<b>08 52 16 00-0828 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0829 EA 35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	226.25 35.40	24.87
08 52 16 00-0830 EA 40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	256.77 41.02	25.83
08 52 16 00-0831 EA 48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	301.76 49.26	27.74
08 52 16 00-0832 EA 52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	331.11 54.74	28.70
08 52 16 00-0833 EA 59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	374.94 62.84	30.61
08 52 16 00-0834 EA 64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	405.45 68.46	31.57
08 52 16 00-0835 EA 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	449.27 76.56	33.48
<b>08 52 16 00-0836 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0837 EA 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	271.24 43.63	26.79
08 52 16 00-0838 EA 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	301.76 49.26	27.74
08 52 16 00-0839 EA 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	346.75 57.49	29.65
08 52 16 00-0840 EA 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	376.10 62.98	30.61
08 52 16 00-0841 EA 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	419.92 71.07	32.52
08 52 16 00-0842 EA 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	450.44 76.70	33.48
08 52 16 00-0843 EA 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	494.25 84.79	35.39
<b>08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0845 EA 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	300.59 49.12	27.74
08 52 16 00-0846 EA 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	331.11 54.74	28.70
08 52 16 00-0847 EA 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	376.10 62.98	30.61
08 52 16 00-0848 EA 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	405.45 68.46	31.57
08 52 16 00-0849 EA 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	449.27 76.56	33.48
08 52 16 00-0850 EA 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	479.80 82.18	34.43
08 52 16 00-0851 EA 71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	564.09 98.37	36.34

**08 Openings****08 50 Windows**

08 52 Wood Windows

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0852			<b>59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> (08 52 16 00-0812)		
08 52 16 00-0853	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	344.42	29.17
			<i>For Tempered Clear Insulated Glass, Add</i>	57.21	
08 52 16 00-0854	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	374.94	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	62.84	
08 52 16 00-0855	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	419.92	32.28
			<i>For Tempered Clear Insulated Glass, Add</i>	71.07	
08 52 16 00-0856	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	449.27	33.24
			<i>For Tempered Clear Insulated Glass, Add</i>	76.56	
08 52 16 00-0857	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	493.10	34.92
			<i>For Tempered Clear Insulated Glass, Add</i>	84.65	
08 52 16 00-0858	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	523.62	36.11
			<i>For Tempered Clear Insulated Glass, Add</i>	90.28	
08 52 16 00-0859	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	567.44	37.78
			<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0860			<b>64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> (08 52 16 00-0812)		
08 52 16 00-0861	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	374.94	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	62.84	
08 52 16 00-0862	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	405.45	31.57
			<i>For Tempered Clear Insulated Glass, Add</i>	68.46	
08 52 16 00-0863	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	450.44	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	76.70	
08 52 16 00-0864	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	479.80	34.43
			<i>For Tempered Clear Insulated Glass, Add</i>	82.18	
08 52 16 00-0865	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	564.09	36.34
			<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0866			<b>71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> (08 52 16 00-0812)		
08 52 16 00-0867	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	418.76	32.05
			<i>For Tempered Clear Insulated Glass, Add</i>	70.93	
08 52 16 00-0868	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	449.27	33.48
			<i>For Tempered Clear Insulated Glass, Add</i>	76.56	
08 52 16 00-0869	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	494.25	35.15
			<i>For Tempered Clear Insulated Glass, Add</i>	84.79	
08 52 16 00-0870	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	523.62	36.11
			<i>For Tempered Clear Insulated Glass, Add</i>	90.28	
08 52 16 00-0871	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	567.44	37.78
			<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0872			<b>Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> (08 52 16 00-0811)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0873			<b>12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> (08 52 16 00-0872)		
08 52 16 00-0874	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	208.62	19.13
			<i>For Tempered Low-E Insulated Glass, Add</i>	34.07	
08 52 16 00-0875	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	244.71	21.04
			<i>For Tempered Low-E Insulated Glass, Add</i>	40.52	
08 52 16 00-0876	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	260.13	22.00
			<i>For Tempered Low-E Insulated Glass, Add</i>	43.23	
08 52 16 00-0877	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	282.24	23.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.98	
08 52 16 00-0878	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	297.39	24.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	49.53	
08 52 16 00-0879	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	319.50	26.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.28	
08 52 16 00-0880			<b>35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> (08 52 16 00-0872)		
08 52 16 00-0881	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	230.65	23.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	36.76	
08 52 16 00-0882	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	267.77	24.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	43.70	
08 52 16 00-0883	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	322.41	26.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.86	
08 52 16 00-0884	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	358.20	27.50
			<i>For Tempered Low-E Insulated Glass, Add</i>	60.64	
08 52 16 00-0885	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	411.52	29.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	70.63	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0886	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	448.64	30.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0887	EA		71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	671.34	32.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
<b>08 52 16 00-0888</b>			<b>40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>		
08 52 16 00-0889	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	267.77	24.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	43.70	
08 52 16 00-0890	EA		40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	304.88	25.83
			<i>For Tempered Low-E Insulated Glass, Add</i>	50.65	
08 52 16 00-0891	EA		48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	359.53	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	60.81	
08 52 16 00-0892	EA		52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	395.31	28.70
			<i>For Tempered Low-E Insulated Glass, Add</i>	67.58	
08 52 16 00-0893	EA		59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	448.64	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0894	EA		64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	485.75	31.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	84.52	
08 52 16 00-0895	EA		71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	539.07	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
<b>08 52 16 00-0896</b>			<b>48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>		
08 52 16 00-0897	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	322.41	26.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.86	
08 52 16 00-0898	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	359.53	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	60.81	
08 52 16 00-0899	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	414.17	29.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	70.97	
08 52 16 00-0900	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	449.96	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.75	
08 52 16 00-0901	EA		59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	503.28	32.52
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.74	
08 52 16 00-0902	EA		64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	540.39	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.69	
08 52 16 00-0903	EA		71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	593.70	35.39
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.68	
<b>08 52 16 00-0904</b>			<b>52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>		
08 52 16 00-0905	EA		35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	358.20	27.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	60.64	
08 52 16 00-0906	EA		40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	395.31	28.70
			<i>For Tempered Low-E Insulated Glass, Add</i>	67.58	
08 52 16 00-0907	EA		48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	449.96	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.75	
08 52 16 00-0908	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	485.75	31.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	84.52	
08 52 16 00-0909	EA		59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	539.07	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0910	EA		64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	576.19	34.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	101.46	
08 52 16 00-0911	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	679.47	36.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
<b>08 52 16 00-0912</b>			<b>59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>		
08 52 16 00-0913	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	411.52	29.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	70.63	
08 52 16 00-0914	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	448.64	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0915	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	503.28	32.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.74	
08 52 16 00-0916	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	539.07	33.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0917	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	592.38	34.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.51	
08 52 16 00-0918	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	629.50	36.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	111.46	
08 52 16 00-0919	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	682.82	37.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
<b>08 52 16 00-0920</b>			<b>64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>		

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0921	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	448.64	30.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0922	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	485.75	31.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	84.52	
08 52 16 00-0923	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	540.39	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.69	
08 52 16 00-0924	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	576.19	34.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	101.46	
08 52 16 00-0925	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	679.47	36.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
<b>08 52 16 00-0926</b>			<b>71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0927	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	501.95	32.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.57	
08 52 16 00-0928	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	539.07	33.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0929	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	593.70	35.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.68	
08 52 16 00-0930	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	629.50	36.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	111.46	
08 52 16 00-0931	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	682.82	37.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
<b>08 52 16 00-0932</b>			<b>Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)</b>		
<b>08 52 16 00-0933</b>			<b>Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932)</b>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0934</b>			<b>35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		
08 52 16 00-0935	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	251.15	29.89
			<i>For Tempered Clear Insulated Glass, Add</i>	38.27	
08 52 16 00-0936	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	257.84	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	39.32	
<b>08 52 16 00-0937</b>			<b>47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		
08 52 16 00-0938	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	257.84	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	39.32	
08 52 16 00-0939	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	312.84	36.34
			<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
<b>08 52 16 00-0940</b>			<b>53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		
08 52 16 00-0941	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	292.77	34.20
			<i>For Tempered Clear Insulated Glass, Add</i>	44.88	
08 52 16 00-0942	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	299.47	34.92
			<i>For Tempered Clear Insulated Glass, Add</i>	45.93	
<b>08 52 16 00-0943</b>			<b>56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		
08 52 16 00-0944	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	251.15	30.14
			<i>For Tempered Clear Insulated Glass, Add</i>	38.27	
08 52 16 00-0945	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	292.77	34.20
			<i>For Tempered Clear Insulated Glass, Add</i>	44.88	
<b>08 52 16 00-0946</b>			<b>59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		
08 52 16 00-0947	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	257.84	30.61
			<i>For Tempered Clear Insulated Glass, Add</i>	39.32	
08 52 16 00-0948	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	299.47	34.92
			<i>For Tempered Clear Insulated Glass, Add</i>	45.93	
08 52 16 00-0949	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	312.84	36.34
			<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
08 52 16 00-0950	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	326.97	37.78
			<i>For Tempered Clear Insulated Glass, Add</i>	50.28	
<b>08 52 16 00-0951</b>			<b>65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)</b>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0952	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	326.97 50.28	37.78
08 52 16 00-0953			<b>71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0933)</small>		
08 52 16 00-0954	EA		47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	312.84 48.03	36.34
08 52 16 00-0955			<b>Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0932)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956			<b>48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-0957	EA		12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	279.85 46.98	22.48
08 52 16 00-0958	EA		37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	390.86 66.79	28.70
08 52 16 00-0959	EA		41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.78 69.79	29.42
08 52 16 00-0960	EA		47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	433.17 74.29	30.85
08 52 16 00-0961	EA		51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	450.09 77.30	32.05
08 52 16 00-0962	EA		59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	484.69 83.45	33.72
08 52 16 00-0963	EA		67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	519.27 89.60	35.87
08 52 16 00-0964			<b>52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-0965	EA		12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	297.52 50.13	23.43
08 52 16 00-0966	EA		37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.78 69.79	29.65
08 52 16 00-0967	EA		41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	425.46 72.94	30.37
08 52 16 00-0968	EA		47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	450.09 77.30	31.80
08 52 16 00-0969	EA		51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	467.76 80.45	33.00
08 52 16 00-0970	EA		59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	502.35 86.60	34.68
08 52 16 00-0971	EA		67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	536.94 92.75	36.83
08 52 16 00-0972			<b>56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-0973	EA		12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	314.44 53.13	24.39
08 52 16 00-0974	EA		37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	425.46 72.94	30.61
08 52 16 00-0975	EA		41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	442.38 75.94	31.33
08 52 16 00-0976	EA		47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	467.76 80.45	32.76
08 52 16 00-0977	EA		51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	484.69 83.45	33.96
08 52 16 00-0978	EA		59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	519.27 89.60	35.64
08 52 16 00-0979	EA		67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	554.62 95.91	37.78
08 52 16 00-0980			<b>60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-0981	EA		12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	332.11 56.28	25.35
08 52 16 00-0982	EA		37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	442.38 75.94	31.57
08 52 16 00-0983	EA		41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	460.05 79.10	32.28
08 52 16 00-0984	EA		47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	484.69 83.45	33.72
08 52 16 00-0985	EA		51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	502.35 86.60	34.92

**08 Openings****08 50 Windows****08 52 Wood Windows**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0986	EA		59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	536.94 92.75	36.59
08 52 16 00-0987	EA		67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	571.55 98.91	38.74
<b>08 52 16 00-0988</b>			<b>64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)</b>		
08 52 16 00-0989	EA		12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	349.04 59.28	26.30
08 52 16 00-0990	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	460.05 79.10	32.52
08 52 16 00-0991	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.72 82.25	33.24
08 52 16 00-0992	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	502.35 86.60	34.68
08 52 16 00-0993	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	519.27 89.60	35.87
08 52 16 00-0994	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	554.62 95.91	37.55
08 52 16 00-0995	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	589.22 102.06	39.70
<b>08 52 16 00-0996</b>			<b>68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)</b>		
08 52 16 00-0997	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	366.71 62.44	27.26
08 52 16 00-0998	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.72 82.25	33.48
08 52 16 00-0999	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	494.64 85.25	34.20
08 52 16 00-1000	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	519.27 89.60	35.64
08 52 16 00-1001	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	536.94 92.75	36.83
08 52 16 00-1002	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	571.55 98.91	38.50
08 52 16 00-1003	EA		67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	606.14 105.06	40.65
<b>08 52 16 00-1004</b>			<b>72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)</b>		
08 52 16 00-1005	EA		12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	383.63 65.44	28.21
08 52 16 00-1006	EA		37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	494.64 85.25	34.43
08 52 16 00-1007	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	512.31 88.40	35.15
08 52 16 00-1008	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	536.94 92.75	36.59
08 52 16 00-1009	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	554.62 95.91	37.78
08 52 16 00-1010	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	589.22 102.06	39.46
08 52 16 00-1011	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	623.81 108.21	41.61
<b>08 52 16 00-1012</b>			<b>76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)</b>		
08 52 16 00-1013	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	401.30 68.59	29.17
08 52 16 00-1014	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	512.31 88.40	35.39
08 52 16 00-1015	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	529.24 91.40	36.11
08 52 16 00-1016	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	554.62 95.91	37.55
08 52 16 00-1017	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	571.55 98.91	38.74
08 52 16 00-1018	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	606.14 105.06	40.41
08 52 16 00-1019	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	640.73 111.22	42.56
<b>08 52 16 00-1020</b>			<b>Picture Wood Clad Windows For Horizontal Sliding Windows (08 52 16 00-0810)</b>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1021 <b>Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1020)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022 <b>35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1023 EA 56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	251.15 38.27	29.89
08 52 16 00-1024 EA 59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	257.84 39.32	30.61
08 52 16 00-1025 <b>47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1026 EA 47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	257.84 39.32	30.61
08 52 16 00-1027 EA 71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	312.84 48.03	36.34
08 52 16 00-1028 <b>53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1029 EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	292.77 44.88	34.20
08 52 16 00-1030 EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	299.47 45.93	34.92
08 52 16 00-1031 <b>56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1032 EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	251.15 38.27	30.14
08 52 16 00-1033 EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	292.77 44.88	34.20
08 52 16 00-1034 <b>59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1035 EA 35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	257.84 39.32	30.61
08 52 16 00-1036 EA 53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	299.47 45.93	34.92
08 52 16 00-1037 EA 59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	312.84 48.03	36.34
08 52 16 00-1038 EA 65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	326.97 50.28	37.78
08 52 16 00-1039 <b>65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1040 EA 59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	326.97 50.28	37.78
08 52 16 00-1041 <b>71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1042 EA 47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	312.84 48.03	36.34
08 52 16 00-1043 <b>Basement Wood Clad Windows</b> <small>(08 52 16)</small>		
08 52 16 00-1044 <b>Basement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-1043)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045 EA 32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	133.04	19.13
08 52 16 00-1046 EA 32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	140.16	19.13
08 52 16 00-1047 EA 32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	146.42	19.13
08 52 16 00-1048 <b>Factory Installed Grilles For Wood Clad Windows</b> <small>(08 52 16)</small>		
08 52 16 00-1049 <b>Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows</b> <small>(08 52 16 00-1048)</small>		
08 52 16 00-1050 EA Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	18.52	
08 52 16 00-1051 EA >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	27.29	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1052 EA >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	37.03	
08 52 16 00-1053 EA >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	46.78	
08 52 16 00-1054 EA >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	66.27	
<b>08 52 16 00-1055 Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1056 EA Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	29.63	
08 52 16 00-1057 EA >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	43.66	
08 52 16 00-1058 EA >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	59.26	
08 52 16 00-1059 EA >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	74.85	
08 52 16 00-1060 EA >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	106.04	
<b>08 52 16 00-1061 Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1062 EA Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	35.55	
08 52 16 00-1063 EA >9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	52.39	
08 52 16 00-1064 EA >18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	71.11	
08 52 16 00-1065 EA >24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	89.82	
08 52 16 00-1066 EA >36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	127.24	
<b>08 52 16 00-1067 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1068 EA Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	42.67	
08 52 16 00-1069 EA >9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	62.87	
08 52 16 00-1070 EA >18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	85.33	
08 52 16 00-1071 EA >24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	107.78	
08 52 16 00-1072 EA >36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	152.69	
<b>08 52 19 Wood Windows (08 52)</b>		
<b>08 52 19 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 19)</b>		
Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
<b>08 52 19 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 19 00-0001)</b>		
08 52 19 00-0003 EA 20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	196.72	
For Low-E Insulated Glass, Add	19.48	
For Aluminum Clad Exterior, Add	20.87	
08 52 19 00-0004 EA 24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	209.41	
For Low-E Insulated Glass, Add	20.88	
For Aluminum Clad Exterior, Add	22.37	
08 52 19 00-0005 EA 28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	223.10	
For Low-E Insulated Glass, Add	22.42	
For Aluminum Clad Exterior, Add	24.02	
08 52 19 00-0006 EA 30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	230.46	
For Low-E Insulated Glass, Add	23.26	
For Aluminum Clad Exterior, Add	24.93	
08 52 19 00-0007 EA 32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	236.79	
For Low-E Insulated Glass, Add	23.96	
For Aluminum Clad Exterior, Add	25.68	
08 52 19 00-0008 EA 34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	245.14	
For Low-E Insulated Glass, Add	24.95	
For Aluminum Clad Exterior, Add	26.73	
08 52 19 00-0009 EA 36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	248.51	
For Low-E Insulated Glass, Add	25.23	
For Aluminum Clad Exterior, Add	27.03	
08 52 19 00-0010 EA 40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	265.17	
For Low-E Insulated Glass, Add	27.19	
For Aluminum Clad Exterior, Add	29.13	
08 52 19 00-0011 EA 44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	278.86	
For Low-E Insulated Glass, Add	28.73	
For Aluminum Clad Exterior, Add	30.78	
<b>08 52 19 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 19 00-0001)</b>		





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0013	EA		20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	209.41 20.88 22.37	
08 52 19 00-0014	EA		24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	223.10 22.42 24.02	
08 52 19 00-0015	EA		28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	235.46 23.96 25.68	
08 52 19 00-0016	EA		30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	245.14 24.95 26.73	
08 52 19 00-0017	EA		32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	251.48 25.65 27.48	
08 52 19 00-0018	EA		34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	258.83 26.49 28.38	
08 52 19 00-0019	EA		36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	265.17 27.19 29.13	
08 52 19 00-0020	EA		40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	278.86 28.73 30.78	
08 52 19 00-0021	EA		44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	292.55 30.27 32.43	
<b>08 52 19 00-0022</b>			<b>36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0023	EA		20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	216.09 21.72 23.27	
08 52 19 00-0024	EA		24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	229.78 23.26 24.93	
08 52 19 00-0025	EA		28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	244.47 24.95 26.73	
08 52 19 00-0026	EA		30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	250.81 25.65 27.48	
08 52 19 00-0027	EA		32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	258.16 26.49 28.38	
08 52 19 00-0028	EA		34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	264.49 27.19 29.13	
08 52 19 00-0029	EA		36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	271.85 28.03 30.03	
08 52 19 00-0030	EA		40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	284.54 29.43 31.53	
08 52 19 00-0031	EA		44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	298.23 30.97 33.18	
<b>08 52 19 00-0032</b>			<b>38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0033	EA		20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	223.77 22.42 24.02	
08 52 19 00-0034	EA		24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	237.46 23.96 25.68	
08 52 19 00-0035	EA		28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	252.15 25.65 27.48	
08 52 19 00-0036	EA		30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	259.49 26.49 28.38	
08 52 19 00-0037	EA		32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	265.84 27.19 29.13	
08 52 19 00-0038	EA		34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	273.18 28.03 30.03	
08 52 19 00-0039	EA		36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	279.53 28.73 30.78	
08 52 19 00-0040	EA		40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	293.23 30.27 32.43	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 19 00-0041	EA 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	306.91 31.81 34.08	
<b>08 52 19 00-0042</b>	<b>46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0043	EA 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	251.48 25.65 27.48	
08 52 19 00-0044	EA 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	265.17 27.19 29.13	
08 52 19 00-0045	EA 28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	278.86 28.73 30.78	
08 52 19 00-0046	EA 30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	285.20 29.43 31.53	
08 52 19 00-0047	EA 32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	292.55 30.27 32.43	
08 52 19 00-0048	EA 34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	298.89 30.97 33.18	
08 52 19 00-0049	EA 36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	306.24 31.81 34.08	
08 52 19 00-0050	EA 40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	319.93 33.35 35.74	
08 52 19 00-0051	EA 44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	334.62 35.04 37.54	
<b>08 52 19 00-0052</b>	<b>48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0053	EA 20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	258.16 26.49 28.38	
08 52 19 00-0054	EA 24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	271.85 28.03 30.03	
08 52 19 00-0055	EA 28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	284.54 29.43 31.53	
08 52 19 00-0056	EA 30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	291.88 30.27 32.43	
08 52 19 00-0057	EA 32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	298.23 30.97 33.18	
08 52 19 00-0058	EA 34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	305.57 31.81 34.08	
08 52 19 00-0059	EA 36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	311.91 32.51 34.83	
08 52 19 00-0060	EA 40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	326.60 34.19 36.64	
08 52 19 00-0061	EA 44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	340.30 35.74 38.29	
<b>08 52 19 00-0062</b>	<b>50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0063	EA 20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	265.84 27.19 29.13	
08 52 19 00-0064	EA 24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	279.53 28.73 30.78	
08 52 19 00-0065	EA 28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	293.23 30.27 32.43	
08 52 19 00-0066	EA 30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	299.56 30.97 33.18	
08 52 19 00-0067	EA 32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	306.91 31.81 34.08	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Windows</b>	<b>08 50</b>	
<b>Wood Windows</b>	<b>08 52</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0068 EA 34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	313.25	
For Low-E Insulated Glass, Add	32.51	
For Aluminum Clad Exterior, Add	34.83	
08 52 19 00-0069 EA 36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	320.60	
For Low-E Insulated Glass, Add	33.35	
For Aluminum Clad Exterior, Add	35.74	
08 52 19 00-0070 EA 40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	335.29	
For Low-E Insulated Glass, Add	35.04	
For Aluminum Clad Exterior, Add	37.54	
08 52 19 00-0071 EA 44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.98	
For Low-E Insulated Glass, Add	36.58	
For Aluminum Clad Exterior, Add	39.19	
<b>08 52 19 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 19 00-0001)</small>		
08 52 19 00-0073 EA 20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	279.53	
For Low-E Insulated Glass, Add	28.73	
For Aluminum Clad Exterior, Add	30.78	
08 52 19 00-0074 EA 24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	293.23	
For Low-E Insulated Glass, Add	30.27	
For Aluminum Clad Exterior, Add	32.43	
08 52 19 00-0075 EA 28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	306.91	
For Low-E Insulated Glass, Add	31.81	
For Aluminum Clad Exterior, Add	34.08	
08 52 19 00-0076 EA 30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	313.25	
For Low-E Insulated Glass, Add	32.51	
For Aluminum Clad Exterior, Add	34.83	
08 52 19 00-0077 EA 32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	320.60	
For Low-E Insulated Glass, Add	33.35	
For Aluminum Clad Exterior, Add	35.74	
08 52 19 00-0078 EA 34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.94	
For Low-E Insulated Glass, Add	34.19	
For Aluminum Clad Exterior, Add	36.64	
08 52 19 00-0079 EA 36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	335.29	
For Low-E Insulated Glass, Add	35.04	
For Aluminum Clad Exterior, Add	37.54	
08 52 19 00-0080 EA 40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.98	
For Low-E Insulated Glass, Add	36.58	
For Aluminum Clad Exterior, Add	39.19	
08 52 19 00-0081 EA 44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	362.67	
For Low-E Insulated Glass, Add	38.12	
For Aluminum Clad Exterior, Add	40.84	
<b>08 52 19 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 19 00-0001)</small>		
08 52 19 00-0083 EA 20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	292.55	
For Low-E Insulated Glass, Add	30.27	
For Aluminum Clad Exterior, Add	32.43	
08 52 19 00-0084 EA 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	306.24	
For Low-E Insulated Glass, Add	31.81	
For Aluminum Clad Exterior, Add	34.08	
08 52 19 00-0085 EA 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.93	
For Low-E Insulated Glass, Add	33.35	
For Aluminum Clad Exterior, Add	35.74	
08 52 19 00-0086 EA 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.26	
For Low-E Insulated Glass, Add	34.19	
For Aluminum Clad Exterior, Add	36.64	
08 52 19 00-0087 EA 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	334.62	
For Low-E Insulated Glass, Add	35.04	
For Aluminum Clad Exterior, Add	37.54	
08 52 19 00-0088 EA 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	340.96	
For Low-E Insulated Glass, Add	35.74	
For Aluminum Clad Exterior, Add	38.29	
08 52 19 00-0089 EA 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.31	
For Low-E Insulated Glass, Add	36.58	
For Aluminum Clad Exterior, Add	39.19	
08 52 19 00-0090 EA 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	362.00	
For Low-E Insulated Glass, Add	38.12	
For Aluminum Clad Exterior, Add	40.84	
08 52 19 00-0091 EA 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.68	
For Low-E Insulated Glass, Add	39.52	
For Aluminum Clad Exterior, Add	42.34	
<b>08 52 19 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 19 00-0001)</small>		
08 52 19 00-0093 EA 20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	298.23	
For Low-E Insulated Glass, Add	30.97	
For Aluminum Clad Exterior, Add	33.18	
08 52 19 00-0094 EA 24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.91	
For Low-E Insulated Glass, Add	32.51	
For Aluminum Clad Exterior, Add	34.83	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0095	EA		28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	326.60 34.19 36.64	
08 52 19 00-0096	EA		30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	333.95 35.04 37.54	
08 52 19 00-0097	EA		32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	340.30 35.74 38.29	
08 52 19 00-0098	EA		34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	347.64 36.58 39.19	
08 52 19 00-0099	EA		36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	353.99 37.28 39.94	
08 52 19 00-0100	EA		40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	367.68 38.82 41.59	
08 52 19 00-0101	EA		44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	381.37 40.36 43.24	
<b>08 52 19 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>					
<small>(08 52 19 00-0001)</small>					
08 52 19 00-0103	EA		20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	306.91 31.81 34.08	
08 52 19 00-0104	EA		24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	320.60 33.35 35.74	
08 52 19 00-0105	EA		28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	335.29 35.04 37.54	
08 52 19 00-0106	EA		30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	341.64 35.74 38.29	
08 52 19 00-0107	EA		32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	348.98 36.58 39.19	
08 52 19 00-0108	EA		34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	355.32 37.28 39.94	
08 52 19 00-0109	EA		36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	362.67 38.12 40.84	
08 52 19 00-0110	EA		40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	375.36 39.52 42.34	
08 52 19 00-0111	EA		44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	389.05 41.06 43.99	
<b>08 52 19 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>					
<small>(08 52 19 00-0001)</small>					
08 52 19 00-0113	EA		20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	320.60 33.35 35.74	
08 52 19 00-0114	EA		24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	335.29 35.04 37.54	
08 52 19 00-0115	EA		28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	348.98 36.58 39.19	
08 52 19 00-0116	EA		30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	355.32 37.28 39.94	
08 52 19 00-0117	EA		32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	362.67 38.12 40.84	
08 52 19 00-0118	EA		34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	369.01 38.82 41.59	
08 52 19 00-0119	EA		36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	375.36 39.52 42.34	
08 52 19 00-0120	EA		40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	389.05 41.06 43.99	
08 52 19 00-0121	EA		44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	402.73 42.60 45.65	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 19 00-0122</b> <b>70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0123    EA    20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	334.62	
For Low-E Insulated Glass, Add	35.04	
For Aluminum Clad Exterior, Add	37.54	
08 52 19 00-0124    EA    24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.31	
For Low-E Insulated Glass, Add	36.58	
For Aluminum Clad Exterior, Add	39.19	
08 52 19 00-0125    EA    28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	362.00	
For Low-E Insulated Glass, Add	38.12	
For Aluminum Clad Exterior, Add	40.84	
08 52 19 00-0126    EA    30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	368.34	
For Low-E Insulated Glass, Add	38.82	
For Aluminum Clad Exterior, Add	41.59	
08 52 19 00-0127    EA    32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.68	
For Low-E Insulated Glass, Add	39.52	
For Aluminum Clad Exterior, Add	42.34	
08 52 19 00-0128    EA    34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	385.00	
For Low-E Insulated Glass, Add	40.78	
For Aluminum Clad Exterior, Add	43.69	
08 52 19 00-0129    EA    36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.42	
For Low-E Insulated Glass, Add	41.21	
For Aluminum Clad Exterior, Add	44.15	
08 52 19 00-0130    EA    40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	402.06	
For Low-E Insulated Glass, Add	42.60	
For Aluminum Clad Exterior, Add	45.65	
08 52 19 00-0131    EA    44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	416.76	
For Low-E Insulated Glass, Add	44.28	
For Aluminum Clad Exterior, Add	47.45	
<b>08 52 19 00-0132</b> <b>74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0133    EA    20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.98	
For Low-E Insulated Glass, Add	36.58	
For Aluminum Clad Exterior, Add	39.19	
08 52 19 00-0134    EA    24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	362.67	
For Low-E Insulated Glass, Add	38.12	
For Aluminum Clad Exterior, Add	40.84	
08 52 19 00-0135    EA    28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	375.36	
For Low-E Insulated Glass, Add	39.52	
For Aluminum Clad Exterior, Add	42.34	
08 52 19 00-0136    EA    30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	382.70	
For Low-E Insulated Glass, Add	40.36	
For Aluminum Clad Exterior, Add	43.24	
08 52 19 00-0137    EA    32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.05	
For Low-E Insulated Glass, Add	41.06	
For Aluminum Clad Exterior, Add	43.99	
08 52 19 00-0138    EA    34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	396.39	
For Low-E Insulated Glass, Add	41.90	
For Aluminum Clad Exterior, Add	44.90	
08 52 19 00-0139    EA    36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	402.73	
For Low-E Insulated Glass, Add	42.60	
For Aluminum Clad Exterior, Add	45.65	
08 52 19 00-0140    EA    40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	417.43	
For Low-E Insulated Glass, Add	44.28	
For Aluminum Clad Exterior, Add	47.45	
08 52 19 00-0141    EA    44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	431.12	
For Low-E Insulated Glass, Add	45.83	
For Aluminum Clad Exterior, Add	49.10	
<b>08 52 19 00-0142</b> <b>78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 19 00-0001)</small>		
08 52 19 00-0143    EA    20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	365.35	
For Low-E Insulated Glass, Add	38.12	
For Aluminum Clad Exterior, Add	40.84	
08 52 19 00-0144    EA    24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	378.04	
For Low-E Insulated Glass, Add	39.52	
For Aluminum Clad Exterior, Add	42.34	
08 52 19 00-0145    EA    28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	391.72	
For Low-E Insulated Glass, Add	41.06	
For Aluminum Clad Exterior, Add	43.99	
08 52 19 00-0146    EA    30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	399.07	
For Low-E Insulated Glass, Add	41.90	
For Aluminum Clad Exterior, Add	44.90	
08 52 19 00-0147    EA    32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	405.41	
For Low-E Insulated Glass, Add	42.60	
For Aluminum Clad Exterior, Add	45.65	
08 52 19 00-0148    EA    34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	412.76	
For Low-E Insulated Glass, Add	43.44	
For Aluminum Clad Exterior, Add	46.55	
08 52 19 00-0149    EA    36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	420.11	
For Low-E Insulated Glass, Add	44.28	
For Aluminum Clad Exterior, Add	47.45	

**08 Openings****08 50 Windows****08 52 Wood Windows**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0150	EA		40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	433.79	
			<i>For Low-E Insulated Glass, Add</i>	45.83	
			<i>For Aluminum Clad Exterior, Add</i>	49.10	
08 52 19 00-0151	EA		44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	447.48	
			<i>For Low-E Insulated Glass, Add</i>	47.37	
			<i>For Aluminum Clad Exterior, Add</i>	50.75	
<b>08 52 19 00-0152</b>			<b>Commercial And Institutional Heavy Double Hung Windows</b> <small>(08 52 19)</small>		
			Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 19 00-0153	SF		Up To 21 SF Double Hung Wood Window With True Divided Lite .....	55.13	5.98
			<i>For Insulating Glass, Add</i>	3.67	
08 52 19 00-0154	SF		21 To 40 SF Double Hung Wood Window With True Divided Lite .....	51.95	6.64
			<i>For Insulating Glass, Add</i>	3.29	
08 52 19 00-0155	SF		40 SF And Over Double Hung Wood Window With True Divided Lite .....	48.97	7.46
			<i>For Insulating Glass, Add</i>	2.89	
<b>08 52 19 00-0156</b>			<b>Architectural And Historic Reproduction Wood Windows</b> <small>(08 52 19)</small>		
			Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 19 00-0157	SF		Up To 21 SF Architectural And Historic Reproduction Wood Window .....	59.68	5.97
			<i>For Insulating Glass, Add</i>	4.06	
08 52 19 00-0158	SF		21 To 40 SF Architectural And Historic Reproduction Wood Window .....	54.41	6.64
			<i>For Insulating Glass, Add</i>	3.50	
08 52 19 00-0159	SF		40 SF And Over Architectural And Historic Reproduction Wood Window.....	50.41	7.46
			<i>For Insulating Glass, Add</i>	3.01	
<b>08 52 19 00-0160</b>			<b>Removal And Reinstallation Of Wood Window And Frame</b> <small>(08 52 19)</small>		
			Note: Includes storage, cleaning and supply materials.		
08 52 19 00-0161	SF		Remove And Reinstall Wood Windows And Frames .....	14.98	
<b>08 52 66</b>			<b>Wood Window Screens</b> <small>(08 52)</small>		
<b>08 52 66 00-0001</b>			<b>Insect Screens For Wood Clad Windows</b> <small>(08 52 66)</small>		
08 52 66 00-0002	EA		Up To 6 SF, Insect Screen For Wood Clad Windows .....	22.91	3.89
08 52 66 00-0003	EA		>6 To 9 SF, Insect Screen For Wood Clad Windows.....	27.23	3.89
08 52 66 00-0004	EA		>9 To 12 SF, Insect Screen For Wood Clad Windows.....	29.40	3.89
08 52 66 00-0005	EA		>12 To 15 SF, Insect Screen For Wood Clad Windows.....	33.72	3.89
08 52 66 00-0006	EA		>15 To 20 SF, Insect Screen For Wood Clad Windows.....	42.36	3.89
08 52 66 00-0007	EA		>20 To 25 SF, Insect Screen For Wood Clad Windows.....	46.69	3.89
08 52 66 00-0008	EA		>25 To 30 SF, Insect Screen For Wood Clad Windows.....	51.01	3.89
08 52 66 00-0009	EA		>30 To 35 SF, Insect Screen For Wood Clad Windows.....	55.33	3.89
08 52 66 00-0010	SF		>35 SF, Insect Screen For Wood Clad Windows.....	1.67	0.08
<b>08 53</b>			<b>Plastic Windows</b> <small>(08 50)</small>		
<b>08 53 13</b>			<b>Vinyl Windows</b> <small>(08 53)</small>		
<b>08 53 13 00-0001</b>			<b>Single Hung Vinyl Windows</b> <small>(08 53 13)</small>		
<b>08 53 13 00-0002</b>			<b>New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0001)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
<b>08 53 13 00-0003</b>			<b>34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0004	EA		24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	131.99	22.00
			<i>For Colored Vinyl, Add</i>	8.80	
			<i>For Tinted Glass, Add</i>	10.56	
			<i>For Low-E Insulated Glass, Add</i>	22.00	
			<i>For Obscure Glass, Add</i>	24.20	
08 53 13 00-0005	EA		28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	138.80	22.96
			<i>For Colored Vinyl, Add</i>	9.29	
			<i>For Tinted Glass, Add</i>	11.15	
			<i>For Low-E Insulated Glass, Add</i>	23.22	
			<i>For Obscure Glass, Add</i>	25.54	
08 53 13 00-0006	EA		30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	141.65	23.43
			<i>For Colored Vinyl, Add</i>	9.48	
			<i>For Tinted Glass, Add</i>	11.37	
			<i>For Low-E Insulated Glass, Add</i>	23.70	
			<i>For Obscure Glass, Add</i>	26.06	
08 53 13 00-0007	EA		32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	144.76	23.92
			<i>For Colored Vinyl, Add</i>	9.69	
			<i>For Tinted Glass, Add</i>	11.63	
			<i>For Low-E Insulated Glass, Add</i>	24.23	
			<i>For Obscure Glass, Add</i>	26.66	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0008	EA		36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	152.66	24.87
			<i>For Colored Vinyl, Add</i>	10.29	
			<i>For Tinted Glass, Add</i>	12.35	
			<i>For Low-E Insulated Glass, Add</i>	25.73	
			<i>For Obscure Glass, Add</i>	28.30	
08 53 13 00-0009	EA		44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	165.55	26.79
			<i>For Colored Vinyl, Add</i>	11.20	
			<i>For Tinted Glass, Add</i>	13.44	
			<i>For Low-E Insulated Glass, Add</i>	28.00	
			<i>For Obscure Glass, Add</i>	30.79	
<b>08 53 13 00-0010</b>			<b>36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0011	EA		24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	134.67	22.48
			<i>For Colored Vinyl, Add</i>	8.97	
			<i>For Tinted Glass, Add</i>	10.77	
			<i>For Low-E Insulated Glass, Add</i>	22.43	
			<i>For Obscure Glass, Add</i>	24.67	
08 53 13 00-0012	EA		28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	141.49	22.96
			<i>For Colored Vinyl, Add</i>	9.46	
			<i>For Tinted Glass, Add</i>	11.35	
			<i>For Low-E Insulated Glass, Add</i>	23.66	
			<i>For Obscure Glass, Add</i>	26.02	
08 53 13 00-0013	EA		30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	144.34	23.92
			<i>For Colored Vinyl, Add</i>	9.65	
			<i>For Tinted Glass, Add</i>	11.58	
			<i>For Low-E Insulated Glass, Add</i>	24.13	
			<i>For Obscure Glass, Add</i>	26.54	
08 53 13 00-0014	EA		32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	147.43	24.39
			<i>For Colored Vinyl, Add</i>	9.87	
			<i>For Tinted Glass, Add</i>	11.84	
			<i>For Low-E Insulated Glass, Add</i>	24.66	
			<i>For Obscure Glass, Add</i>	27.13	
08 53 13 00-0015	EA		36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	155.34	25.35
			<i>For Colored Vinyl, Add</i>	10.47	
			<i>For Tinted Glass, Add</i>	12.56	
			<i>For Low-E Insulated Glass, Add</i>	26.16	
			<i>For Obscure Glass, Add</i>	28.78	
08 53 13 00-0016	EA		44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	168.24	27.26
			<i>For Colored Vinyl, Add</i>	11.37	
			<i>For Tinted Glass, Add</i>	13.65	
			<i>For Low-E Insulated Glass, Add</i>	28.43	
			<i>For Obscure Glass, Add</i>	31.27	
<b>08 53 13 00-0017</b>			<b>38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0018	EA		24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	137.27	22.96
			<i>For Colored Vinyl, Add</i>	9.14	
			<i>For Tinted Glass, Add</i>	10.96	
			<i>For Low-E Insulated Glass, Add</i>	22.84	
			<i>For Obscure Glass, Add</i>	25.12	
08 53 13 00-0019	EA		28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	144.09	23.92
			<i>For Colored Vinyl, Add</i>	9.63	
			<i>For Tinted Glass, Add</i>	11.55	
			<i>For Low-E Insulated Glass, Add</i>	24.07	
			<i>For Obscure Glass, Add</i>	26.47	
08 53 13 00-0020	EA		30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	147.05	24.39
			<i>For Colored Vinyl, Add</i>	9.83	
			<i>For Tinted Glass, Add</i>	11.79	
			<i>For Low-E Insulated Glass, Add</i>	24.57	
			<i>For Obscure Glass, Add</i>	27.02	
08 53 13 00-0021	EA		32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	150.15	24.87
			<i>For Colored Vinyl, Add</i>	10.04	
			<i>For Tinted Glass, Add</i>	12.05	
			<i>For Low-E Insulated Glass, Add</i>	25.10	
			<i>For Obscure Glass, Add</i>	27.61	
08 53 13 00-0022	EA		36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	158.18	25.83
			<i>For Colored Vinyl, Add</i>	10.65	
			<i>For Tinted Glass, Add</i>	12.78	
			<i>For Low-E Insulated Glass, Add</i>	26.63	
			<i>For Obscure Glass, Add</i>	29.30	
08 53 13 00-0023	EA		44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	171.24	27.74
			<i>For Colored Vinyl, Add</i>	11.58	
			<i>For Tinted Glass, Add</i>	13.89	
			<i>For Low-E Insulated Glass, Add</i>	28.94	
			<i>For Obscure Glass, Add</i>	31.83	
<b>08 53 13 00-0024</b>			<b>44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0025	EA		24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	145.22	24.39
			<i>For Colored Vinyl, Add</i>	9.64	
			<i>For Tinted Glass, Add</i>	11.57	
			<i>For Low-E Insulated Glass, Add</i>	24.11	
			<i>For Obscure Glass, Add</i>	26.52	
08 53 13 00-0026	EA		28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	152.04	25.35
			<i>For Colored Vinyl, Add</i>	10.14	
			<i>For Tinted Glass, Add</i>	12.16	
			<i>For Low-E Insulated Glass, Add</i>	25.34	
			<i>For Obscure Glass, Add</i>	27.87	
08 53 13 00-0027	EA		30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	155.36	25.83
			<i>For Colored Vinyl, Add</i>	10.37	
			<i>For Tinted Glass, Add</i>	12.45	
			<i>For Low-E Insulated Glass, Add</i>	25.93	
			<i>For Obscure Glass, Add</i>	28.52	
08 53 13 00-0028	EA		32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	158.47	26.30
			<i>For Colored Vinyl, Add</i>	10.59	
			<i>For Tinted Glass, Add</i>	12.70	
			<i>For Low-E Insulated Glass, Add</i>	26.46	
			<i>For Obscure Glass, Add</i>	29.11	
08 53 13 00-0029	EA		36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	166.86	27.26
			<i>For Colored Vinyl, Add</i>	11.23	
			<i>For Tinted Glass, Add</i>	13.48	
			<i>For Low-E Insulated Glass, Add</i>	28.08	
			<i>For Obscure Glass, Add</i>	30.89	
08 53 13 00-0030	EA		44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	180.36	29.17
			<i>For Colored Vinyl, Add</i>	12.20	
			<i>For Tinted Glass, Add</i>	14.64	
			<i>For Low-E Insulated Glass, Add</i>	30.50	
			<i>For Obscure Glass, Add</i>	33.55	
<b>08 53 13 00-0031</b>			<b>46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0032	EA		24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	147.91	24.87
			<i>For Colored Vinyl, Add</i>	9.82	
			<i>For Tinted Glass, Add</i>	11.78	
			<i>For Low-E Insulated Glass, Add</i>	24.54	
			<i>For Obscure Glass, Add</i>	27.00	
08 53 13 00-0033	EA		28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	154.72	25.83
			<i>For Colored Vinyl, Add</i>	10.31	
			<i>For Tinted Glass, Add</i>	12.37	
			<i>For Low-E Insulated Glass, Add</i>	25.77	
			<i>For Obscure Glass, Add</i>	28.34	
08 53 13 00-0034	EA		30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	158.17	26.30
			<i>For Colored Vinyl, Add</i>	10.56	
			<i>For Tinted Glass, Add</i>	12.67	
			<i>For Low-E Insulated Glass, Add</i>	26.39	
			<i>For Obscure Glass, Add</i>	29.03	
08 53 13 00-0035	EA		32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	161.26	26.79
			<i>For Colored Vinyl, Add</i>	10.77	
			<i>For Tinted Glass, Add</i>	12.92	
			<i>For Low-E Insulated Glass, Add</i>	26.92	
			<i>For Obscure Glass, Add</i>	29.61	
08 53 13 00-0036	EA		36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	169.76	27.74
			<i>For Colored Vinyl, Add</i>	11.43	
			<i>For Tinted Glass, Add</i>	13.71	
			<i>For Low-E Insulated Glass, Add</i>	28.57	
			<i>For Obscure Glass, Add</i>	31.43	
08 53 13 00-0037	EA		44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	183.44	29.65
			<i>For Colored Vinyl, Add</i>	12.41	
			<i>For Tinted Glass, Add</i>	14.90	
			<i>For Low-E Insulated Glass, Add</i>	31.03	
			<i>For Obscure Glass, Add</i>	34.14	
<b>08 53 13 00-0038</b>			<b>48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0039	EA		24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	150.61	25.35
			<i>For Colored Vinyl, Add</i>	9.99	
			<i>For Tinted Glass, Add</i>	11.99	
			<i>For Low-E Insulated Glass, Add</i>	24.98	
			<i>For Obscure Glass, Add</i>	27.48	
08 53 13 00-0040	EA		28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	157.45	26.30
			<i>For Colored Vinyl, Add</i>	10.48	
			<i>For Tinted Glass, Add</i>	12.58	
			<i>For Low-E Insulated Glass, Add</i>	26.21	
			<i>For Obscure Glass, Add</i>	28.83	
08 53 13 00-0041	EA		30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	160.98	26.79
			<i>For Colored Vinyl, Add</i>	10.74	
			<i>For Tinted Glass, Add</i>	12.89	
			<i>For Low-E Insulated Glass, Add</i>	26.85	
			<i>For Obscure Glass, Add</i>	29.54	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0042	EA		32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	164.08	27.26
			<i>For Colored Vinyl, Add</i>	10.96	
			<i>For Tinted Glass, Add</i>	13.15	
			<i>For Low-E Insulated Glass, Add</i>	27.39	
			<i>For Obscure Glass, Add</i>	30.13	
08 53 13 00-0043	EA		36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	172.71	28.21
			<i>For Colored Vinyl, Add</i>	11.63	
			<i>For Tinted Glass, Add</i>	13.95	
			<i>For Low-E Insulated Glass, Add</i>	29.07	
			<i>For Obscure Glass, Add</i>	31.97	
08 53 13 00-0044	EA		44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	186.53	30.14
			<i>For Colored Vinyl, Add</i>	12.63	
			<i>For Tinted Glass, Add</i>	15.15	
			<i>For Low-E Insulated Glass, Add</i>	31.57	
			<i>For Obscure Glass, Add</i>	34.72	
<b>08 53 13 00-0045</b>			<b>50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046	EA		24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	153.22	25.83
			<i>For Colored Vinyl, Add</i>	10.16	
			<i>For Tinted Glass, Add</i>	12.19	
			<i>For Low-E Insulated Glass, Add</i>	25.39	
			<i>For Obscure Glass, Add</i>	27.93	
08 53 13 00-0047	EA		28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	160.04	26.79
			<i>For Colored Vinyl, Add</i>	10.65	
			<i>For Tinted Glass, Add</i>	12.78	
			<i>For Low-E Insulated Glass, Add</i>	26.62	
			<i>For Obscure Glass, Add</i>	29.28	
08 53 13 00-0048	EA		30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	163.71	27.26
			<i>For Colored Vinyl, Add</i>	10.92	
			<i>For Tinted Glass, Add</i>	13.10	
			<i>For Low-E Insulated Glass, Add</i>	27.30	
			<i>For Obscure Glass, Add</i>	30.02	
08 53 13 00-0049	EA		32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	166.80	27.74
			<i>For Colored Vinyl, Add</i>	11.13	
			<i>For Tinted Glass, Add</i>	13.36	
			<i>For Low-E Insulated Glass, Add</i>	27.83	
			<i>For Obscure Glass, Add</i>	30.61	
08 53 13 00-0050	EA		36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	175.53	28.70
			<i>For Colored Vinyl, Add</i>	11.81	
			<i>For Tinted Glass, Add</i>	14.18	
			<i>For Low-E Insulated Glass, Add</i>	29.54	
			<i>For Obscure Glass, Add</i>	32.49	
08 53 13 00-0051	EA		44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	189.52	30.61
			<i>For Colored Vinyl, Add</i>	12.83	
			<i>For Tinted Glass, Add</i>	15.40	
			<i>For Low-E Insulated Glass, Add</i>	32.08	
			<i>For Obscure Glass, Add</i>	35.28	
<b>08 53 13 00-0052</b>			<b>52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0053	EA		24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	155.84	26.30
			<i>For Colored Vinyl, Add</i>	10.32	
			<i>For Tinted Glass, Add</i>	12.39	
			<i>For Low-E Insulated Glass, Add</i>	25.81	
			<i>For Obscure Glass, Add</i>	28.39	
08 53 13 00-0054	EA		28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	162.66	27.26
			<i>For Colored Vinyl, Add</i>	10.81	
			<i>For Tinted Glass, Add</i>	12.98	
			<i>For Low-E Insulated Glass, Add</i>	27.03	
			<i>For Obscure Glass, Add</i>	29.74	
08 53 13 00-0055	EA		30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	166.44	27.74
			<i>For Colored Vinyl, Add</i>	11.10	
			<i>For Tinted Glass, Add</i>	13.32	
			<i>For Low-E Insulated Glass, Add</i>	27.74	
			<i>For Obscure Glass, Add</i>	30.51	
08 53 13 00-0056	EA		32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	169.54	28.21
			<i>For Colored Vinyl, Add</i>	11.31	
			<i>For Tinted Glass, Add</i>	13.57	
			<i>For Low-E Insulated Glass, Add</i>	28.28	
			<i>For Obscure Glass, Add</i>	31.10	
08 53 13 00-0057	EA		36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	178.40	29.17
			<i>For Colored Vinyl, Add</i>	12.01	
			<i>For Tinted Glass, Add</i>	14.41	
			<i>For Low-E Insulated Glass, Add</i>	30.01	
			<i>For Obscure Glass, Add</i>	33.01	
08 53 13 00-0058	EA		44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	192.53	31.09
			<i>For Colored Vinyl, Add</i>	13.04	
			<i>For Tinted Glass, Add</i>	15.64	
			<i>For Low-E Insulated Glass, Add</i>	32.59	
			<i>For Obscure Glass, Add</i>	35.85	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0059			<b>54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0060	EA		24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	158.45	26.79
			For Colored Vinyl, Add	10.49	
			For Tinted Glass, Add	12.59	
			For Low-E Insulated Glass, Add	26.22	
			For Obscure Glass, Add	28.84	
08 53 13 00-0061	EA		28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	165.27	27.74
			For Colored Vinyl, Add	10.98	
			For Tinted Glass, Add	13.17	
			For Low-E Insulated Glass, Add	27.45	
			For Obscure Glass, Add	30.19	
08 53 13 00-0062	EA		30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	169.17	28.21
			For Colored Vinyl, Add	11.27	
			For Tinted Glass, Add	13.53	
			For Low-E Insulated Glass, Add	28.18	
			For Obscure Glass, Add	31.00	
08 53 13 00-0063	EA		32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	172.26	28.70
			For Colored Vinyl, Add	11.49	
			For Tinted Glass, Add	13.78	
			For Low-E Insulated Glass, Add	28.72	
			For Obscure Glass, Add	31.59	
08 53 13 00-0064	EA		36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	181.24	29.65
			For Colored Vinyl, Add	12.19	
			For Tinted Glass, Add	14.63	
			For Low-E Insulated Glass, Add	30.48	
			For Obscure Glass, Add	33.53	
08 53 13 00-0065	EA		44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	195.52	31.57
			For Colored Vinyl, Add	13.24	
			For Tinted Glass, Add	15.89	
			For Low-E Insulated Glass, Add	33.10	
			For Obscure Glass, Add	36.41	
08 53 13 00-0066			<b>60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067	EA		24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	166.50	28.21
			For Colored Vinyl, Add	11.01	
			For Tinted Glass, Add	13.21	
			For Low-E Insulated Glass, Add	27.52	
			For Obscure Glass, Add	30.27	
08 53 13 00-0068	EA		28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	173.32	29.17
			For Colored Vinyl, Add	11.50	
			For Tinted Glass, Add	13.80	
			For Low-E Insulated Glass, Add	28.74	
			For Obscure Glass, Add	31.62	
08 53 13 00-0069	EA		30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	177.55	29.65
			For Colored Vinyl, Add	11.82	
			For Tinted Glass, Add	14.19	
			For Low-E Insulated Glass, Add	29.56	
			For Obscure Glass, Add	32.52	
08 53 13 00-0070	EA		32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	180.64	30.14
			For Colored Vinyl, Add	12.04	
			For Tinted Glass, Add	14.45	
			For Low-E Insulated Glass, Add	30.10	
			For Obscure Glass, Add	33.10	
08 53 13 00-0071	EA		36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	189.97	31.09
			For Colored Vinyl, Add	12.78	
			For Tinted Glass, Add	15.34	
			For Low-E Insulated Glass, Add	31.95	
			For Obscure Glass, Add	35.15	
08 53 13 00-0072	EA		44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	204.73	33.00
			For Colored Vinyl, Add	13.87	
			For Tinted Glass, Add	16.65	
			For Low-E Insulated Glass, Add	34.68	
			For Obscure Glass, Add	38.15	
08 53 13 00-0073			<b>62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074	EA		24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	169.11	28.70
			For Colored Vinyl, Add	11.17	
			For Tinted Glass, Add	13.41	
			For Low-E Insulated Glass, Add	27.93	
			For Obscure Glass, Add	30.72	
08 53 13 00-0075	EA		28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	175.94	29.65
			For Colored Vinyl, Add	11.66	
			For Tinted Glass, Add	14.00	
			For Low-E Insulated Glass, Add	29.16	
			For Obscure Glass, Add	32.07	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0076	EA		30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	180.30	30.14
			For Colored Vinyl, Add	12.00	
			For Tinted Glass, Add	14.40	
			For Low-E Insulated Glass, Add	30.01	
			For Obscure Glass, Add	33.01	
08 53 13 00-0077	EA		32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	183.40	30.61
			For Colored Vinyl, Add	12.22	
			For Tinted Glass, Add	14.66	
			For Low-E Insulated Glass, Add	30.55	
			For Obscure Glass, Add	33.60	
08 53 13 00-0078	EA		36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	192.84	31.57
			For Colored Vinyl, Add	12.97	
			For Tinted Glass, Add	15.57	
			For Low-E Insulated Glass, Add	32.43	
			For Obscure Glass, Add	35.67	
08 53 13 00-0079	EA		44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	207.76	33.48
			For Colored Vinyl, Add	14.08	
			For Tinted Glass, Add	16.90	
			For Low-E Insulated Glass, Add	35.20	
			For Obscure Glass, Add	38.72	
<b>08 53 13 00-0080</b>			<b>66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081	EA		24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	174.43	29.65
			For Colored Vinyl, Add	11.51	
			For Tinted Glass, Add	13.81	
			For Low-E Insulated Glass, Add	28.78	
			For Obscure Glass, Add	31.66	
08 53 13 00-0082	EA		28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	181.24	30.61
			For Colored Vinyl, Add	12.00	
			For Tinted Glass, Add	14.40	
			For Low-E Insulated Glass, Add	30.01	
			For Obscure Glass, Add	33.01	
08 53 13 00-0083	EA		30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	185.83	31.09
			For Colored Vinyl, Add	12.37	
			For Tinted Glass, Add	14.84	
			For Low-E Insulated Glass, Add	30.92	
			For Obscure Glass, Add	34.01	
08 53 13 00-0084	EA		32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	188.93	31.57
			For Colored Vinyl, Add	12.58	
			For Tinted Glass, Add	15.10	
			For Low-E Insulated Glass, Add	31.45	
			For Obscure Glass, Add	34.60	
08 53 13 00-0085	EA		36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	198.62	32.52
			For Colored Vinyl, Add	13.36	
			For Tinted Glass, Add	16.03	
			For Low-E Insulated Glass, Add	33.40	
			For Obscure Glass, Add	36.73	
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	213.84	34.43
			For Colored Vinyl, Add	14.50	
			For Tinted Glass, Add	17.40	
			For Low-E Insulated Glass, Add	36.24	
			For Obscure Glass, Add	39.86	
<b>08 53 13 00-0087</b>			<b>72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	182.47	31.09
			For Colored Vinyl, Add	12.03	
			For Tinted Glass, Add	14.44	
			For Low-E Insulated Glass, Add	30.08	
			For Obscure Glass, Add	33.08	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	189.29	32.05
			For Colored Vinyl, Add	12.52	
			For Tinted Glass, Add	15.02	
			For Low-E Insulated Glass, Add	31.30	
			For Obscure Glass, Add	34.43	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	193.88	32.52
			For Colored Vinyl, Add	12.88	
			For Tinted Glass, Add	15.46	
			For Low-E Insulated Glass, Add	32.21	
			For Obscure Glass, Add	35.43	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	196.98	33.00
			For Colored Vinyl, Add	13.10	
			For Tinted Glass, Add	15.72	
			For Low-E Insulated Glass, Add	32.75	
			For Obscure Glass, Add	36.02	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	206.68	33.96
			For Colored Vinyl, Add	13.88	
			For Tinted Glass, Add	16.65	
			For Low-E Insulated Glass, Add	34.69	
			For Obscure Glass, Add	38.16	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

**ARLINGTON**  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	221.88	35.87
		<i>For Colored Vinyl, Add</i>	15.01	
		<i>For Tinted Glass, Add</i>	18.02	
		<i>For Low-E Insulated Glass, Add</i>	37.54	
		<i>For Obscure Glass, Add</i>	41.29	
<b>08 53 13 00-0094</b>		<b>Replacement, Single Hung Vinyl Windows (Silver Line 2000)</b> <small>(08 53 13 00-0001)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) .....	191.41	25.11
		<i>For Colored Vinyl, Add</i>	14.12	
		<i>For Tinted Glass, Add</i>	16.94	
		<i>For Low-E Insulated Glass, Add</i>	35.30	
		<i>For Obscure Glass, Add</i>	38.83	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	209.80	27.50
		<i>For Colored Vinyl, Add</i>	15.48	
		<i>For Tinted Glass, Add</i>	18.58	
		<i>For Low-E Insulated Glass, Add</i>	38.70	
		<i>For Obscure Glass, Add</i>	42.57	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	226.81	29.89
		<i>For Colored Vinyl, Add</i>	16.70	
		<i>For Tinted Glass, Add</i>	20.04	
		<i>For Low-E Insulated Glass, Add</i>	41.76	
		<i>For Obscure Glass, Add</i>	45.93	
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	238.98	32.28
		<i>For Colored Vinyl, Add</i>	17.44	
		<i>For Tinted Glass, Add</i>	20.93	
		<i>For Low-E Insulated Glass, Add</i>	43.60	
		<i>For Obscure Glass, Add</i>	47.96	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	251.71	34.68
		<i>For Colored Vinyl, Add</i>	18.24	
		<i>For Tinted Glass, Add</i>	21.88	
		<i>For Low-E Insulated Glass, Add</i>	45.59	
		<i>For Obscure Glass, Add</i>	50.15	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	273.07	37.06
		<i>For Colored Vinyl, Add</i>	19.89	
		<i>For Tinted Glass, Add</i>	23.87	
		<i>For Low-E Insulated Glass, Add</i>	49.73	
		<i>For Obscure Glass, Add</i>	54.71	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	2.28	0.31
		<i>For Colored Vinyl, Add</i>	0.17	
		<i>For Tinted Glass, Add</i>	0.20	
		<i>For Low-E Insulated Glass, Add</i>	0.42	
		<i>For Obscure Glass, Add</i>	0.46	
<b>08 53 13 00-0102</b>		<b>Double Hung Vinyl Windows</b> <small>(08 53 13)</small>		
<b>08 53 13 00-0103</b>		<b>New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0102)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
<b>08 53 13 00-0104</b>		<b>34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	185.13	22.00
		<i>For Colored Vinyl, Add</i>	14.11	
		<i>For Tinted Glass, Add</i>	16.94	
		<i>For Low-E Insulated Glass, Add</i>	35.28	
		<i>For Obscure Glass, Add</i>	38.81	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	191.95	22.96
		<i>For Colored Vinyl, Add</i>	14.60	
		<i>For Tinted Glass, Add</i>	17.52	
		<i>For Low-E Insulated Glass, Add</i>	36.51	
		<i>For Obscure Glass, Add</i>	40.16	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	195.26	23.43
		<i>For Colored Vinyl, Add</i>	14.84	
		<i>For Tinted Glass, Add</i>	17.81	
		<i>For Low-E Insulated Glass, Add</i>	37.10	
		<i>For Obscure Glass, Add</i>	40.81	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	198.36	23.92
		<i>For Colored Vinyl, Add</i>	15.05	
		<i>For Tinted Glass, Add</i>	18.06	
		<i>For Low-E Insulated Glass, Add</i>	37.63	
		<i>For Obscure Glass, Add</i>	41.40	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	205.81	24.87
		<i>For Colored Vinyl, Add</i>	15.61	
		<i>For Tinted Glass, Add</i>	18.73	
		<i>For Low-E Insulated Glass, Add</i>	39.02	
		<i>For Obscure Glass, Add</i>	42.92	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	218.11	26.79
		<i>For Colored Vinyl, Add</i>	16.45	
		<i>For Tinted Glass, Add</i>	19.74	
		<i>For Low-E Insulated Glass, Add</i>	41.14	
		<i>For Obscure Glass, Add</i>	45.25	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0111			<b>36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0112	EA		24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	187.82	22.48
			For Colored Vinyl, Add	14.29	
			For Tinted Glass, Add	17.14	
			For Low-E Insulated Glass, Add	35.72	
			For Obscure Glass, Add	39.29	
08 53 13 00-0113	EA		28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	194.63	23.43
			For Colored Vinyl, Add	14.78	
			For Tinted Glass, Add	17.73	
			For Low-E Insulated Glass, Add	36.94	
			For Obscure Glass, Add	40.63	
08 53 13 00-0114	EA		30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	197.94	23.92
			For Colored Vinyl, Add	15.01	
			For Tinted Glass, Add	18.01	
			For Low-E Insulated Glass, Add	37.53	
			For Obscure Glass, Add	41.28	
08 53 13 00-0115	EA		32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	201.03	24.39
			For Colored Vinyl, Add	15.23	
			For Tinted Glass, Add	18.27	
			For Low-E Insulated Glass, Add	38.06	
			For Obscure Glass, Add	41.87	
08 53 13 00-0116	EA		36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	208.48	25.35
			For Colored Vinyl, Add	15.78	
			For Tinted Glass, Add	18.93	
			For Low-E Insulated Glass, Add	39.45	
			For Obscure Glass, Add	43.39	
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.79	27.26
			For Colored Vinyl, Add	16.63	
			For Tinted Glass, Add	19.95	
			For Low-E Insulated Glass, Add	41.57	
			For Obscure Glass, Add	45.72	
08 53 13 00-0118			<b>38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	190.25	22.96
			For Colored Vinyl, Add	14.43	
			For Tinted Glass, Add	17.32	
			For Low-E Insulated Glass, Add	36.09	
			For Obscure Glass, Add	39.69	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	197.07	23.92
			For Colored Vinyl, Add	14.92	
			For Tinted Glass, Add	17.91	
			For Low-E Insulated Glass, Add	37.31	
			For Obscure Glass, Add	41.04	
08 53 13 00-0121	EA		30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	200.47	24.39
			For Colored Vinyl, Add	15.17	
			For Tinted Glass, Add	18.20	
			For Low-E Insulated Glass, Add	37.92	
			For Obscure Glass, Add	41.71	
08 53 13 00-0122	EA		32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	203.57	24.87
			For Colored Vinyl, Add	15.38	
			For Tinted Glass, Add	18.46	
			For Low-E Insulated Glass, Add	38.46	
			For Obscure Glass, Add	42.30	
08 53 13 00-0123	EA		36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	211.16	25.83
			For Colored Vinyl, Add	15.95	
			For Tinted Glass, Add	19.14	
			For Low-E Insulated Glass, Add	39.88	
			For Obscure Glass, Add	43.87	
08 53 13 00-0124	EA		44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	223.59	27.74
			For Colored Vinyl, Add	16.81	
			For Tinted Glass, Add	20.17	
			For Low-E Insulated Glass, Add	42.03	
			For Obscure Glass, Add	46.23	
08 53 13 00-0125			<b>44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0126	EA		24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	198.49	24.39
			For Colored Vinyl, Add	14.97	
			For Tinted Glass, Add	17.97	
			For Low-E Insulated Glass, Add	37.43	
			For Obscure Glass, Add	41.17	
08 53 13 00-0127	EA		28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	205.31	25.35
			For Colored Vinyl, Add	15.46	
			For Tinted Glass, Add	18.55	
			For Low-E Insulated Glass, Add	38.66	
			For Obscure Glass, Add	42.52	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0128	EA		30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	208.15	25.83
			<i>For Colored Vinyl, Add</i>	15.65	
			<i>For Tinted Glass, Add</i>	18.78	
			<i>For Low-E Insulated Glass, Add</i>	39.13	
			<i>For Obscure Glass, Add</i>	43.04	
08 53 13 00-0129	EA		32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	211.26	26.30
			<i>For Colored Vinyl, Add</i>	15.86	
			<i>For Tinted Glass, Add</i>	19.04	
			<i>For Low-E Insulated Glass, Add</i>	39.66	
			<i>For Obscure Glass, Add</i>	43.63	
08 53 13 00-0130	EA		36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	219.15	27.26
			<i>For Colored Vinyl, Add</i>	16.46	
			<i>For Tinted Glass, Add</i>	19.75	
			<i>For Low-E Insulated Glass, Add</i>	41.16	
			<i>For Obscure Glass, Add</i>	45.27	
08 53 13 00-0131	EA		44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	232.27	29.17
			<i>For Colored Vinyl, Add</i>	17.39	
			<i>For Tinted Glass, Add</i>	20.87	
			<i>For Low-E Insulated Glass, Add</i>	43.48	
			<i>For Obscure Glass, Add</i>	47.83	
<b>08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>					
08 53 13 00-0133	EA		24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	200.92	24.87
			<i>For Colored Vinyl, Add</i>	15.12	
			<i>For Tinted Glass, Add</i>	18.14	
			<i>For Low-E Insulated Glass, Add</i>	37.80	
			<i>For Obscure Glass, Add</i>	41.57	
08 53 13 00-0134	EA		28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	207.73	25.83
			<i>For Colored Vinyl, Add</i>	15.61	
			<i>For Tinted Glass, Add</i>	18.73	
			<i>For Low-E Insulated Glass, Add</i>	39.02	
			<i>For Obscure Glass, Add</i>	42.92	
08 53 13 00-0135	EA		30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	210.73	26.30
			<i>For Colored Vinyl, Add</i>	15.81	
			<i>For Tinted Glass, Add</i>	18.97	
			<i>For Low-E Insulated Glass, Add</i>	39.53	
			<i>For Obscure Glass, Add</i>	43.48	
08 53 13 00-0136	EA		32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	213.82	26.79
			<i>For Colored Vinyl, Add</i>	16.03	
			<i>For Tinted Glass, Add</i>	19.23	
			<i>For Low-E Insulated Glass, Add</i>	40.06	
			<i>For Obscure Glass, Add</i>	44.07	
08 53 13 00-0137	EA		36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	221.81	27.74
			<i>For Colored Vinyl, Add</i>	16.63	
			<i>For Tinted Glass, Add</i>	19.96	
			<i>For Low-E Insulated Glass, Add</i>	41.58	
			<i>For Obscure Glass, Add</i>	45.74	
08 53 13 00-0138	EA		44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	235.35	29.65
			<i>For Colored Vinyl, Add</i>	17.60	
			<i>For Tinted Glass, Add</i>	21.12	
			<i>For Low-E Insulated Glass, Add</i>	44.01	
			<i>For Obscure Glass, Add</i>	48.41	
<b>08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>					
08 53 13 00-0140	EA		24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	203.36	25.35
			<i>For Colored Vinyl, Add</i>	15.27	
			<i>For Tinted Glass, Add</i>	18.32	
			<i>For Low-E Insulated Glass, Add</i>	38.17	
			<i>For Obscure Glass, Add</i>	41.98	
08 53 13 00-0141	EA		28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	210.19	26.30
			<i>For Colored Vinyl, Add</i>	15.76	
			<i>For Tinted Glass, Add</i>	18.91	
			<i>For Low-E Insulated Glass, Add</i>	39.39	
			<i>For Obscure Glass, Add</i>	43.33	
08 53 13 00-0142	EA		30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	213.26	26.79
			<i>For Colored Vinyl, Add</i>	15.97	
			<i>For Tinted Glass, Add</i>	19.16	
			<i>For Low-E Insulated Glass, Add</i>	39.92	
			<i>For Obscure Glass, Add</i>	43.91	
08 53 13 00-0143	EA		32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	216.36	27.26
			<i>For Colored Vinyl, Add</i>	16.18	
			<i>For Tinted Glass, Add</i>	19.42	
			<i>For Low-E Insulated Glass, Add</i>	40.46	
			<i>For Obscure Glass, Add</i>	44.50	
08 53 13 00-0144	EA		36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900) .....	224.48	28.21
			<i>For Colored Vinyl, Add</i>	16.80	
			<i>For Tinted Glass, Add</i>	20.16	
			<i>For Low-E Insulated Glass, Add</i>	42.01	
			<i>For Obscure Glass, Add</i>	46.21	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0145	EA		44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	238.38	30.14
			<i>For Colored Vinyl, Add</i>	17.81	
			<i>For Tinted Glass, Add</i>	21.37	
			<i>For Low-E Insulated Glass, Add</i>	44.53	
			<i>For Obscure Glass, Add</i>	48.98	
<b>08 53 13 00-0146</b>			<b>50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0147	EA		24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	205.78	25.83
			<i>For Colored Vinyl, Add</i>	15.41	
			<i>For Tinted Glass, Add</i>	18.50	
			<i>For Low-E Insulated Glass, Add</i>	38.53	
			<i>For Obscure Glass, Add</i>	42.39	
08 53 13 00-0148	EA		28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	212.61	26.79
			<i>For Colored Vinyl, Add</i>	15.90	
			<i>For Tinted Glass, Add</i>	19.08	
			<i>For Low-E Insulated Glass, Add</i>	39.76	
			<i>For Obscure Glass, Add</i>	43.74	
08 53 13 00-0149	EA		30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	215.82	27.26
			<i>For Colored Vinyl, Add</i>	16.13	
			<i>For Tinted Glass, Add</i>	19.35	
			<i>For Low-E Insulated Glass, Add</i>	40.32	
			<i>For Obscure Glass, Add</i>	44.35	
08 53 13 00-0150	EA		32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	218.91	27.74
			<i>For Colored Vinyl, Add</i>	16.34	
			<i>For Tinted Glass, Add</i>	19.61	
			<i>For Low-E Insulated Glass, Add</i>	40.86	
			<i>For Obscure Glass, Add</i>	44.94	
08 53 13 00-0151	EA		36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	227.15	28.70
			<i>For Colored Vinyl, Add</i>	16.98	
			<i>For Tinted Glass, Add</i>	20.37	
			<i>For Low-E Insulated Glass, Add</i>	42.44	
			<i>For Obscure Glass, Add</i>	46.68	
08 53 13 00-0152	EA		44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.45	30.61
			<i>For Colored Vinyl, Add</i>	18.02	
			<i>For Tinted Glass, Add</i>	21.63	
			<i>For Low-E Insulated Glass, Add</i>	45.06	
			<i>For Obscure Glass, Add</i>	49.56	
<b>08 53 13 00-0153</b>			<b>52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0154	EA		24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	208.23	26.30
			<i>For Colored Vinyl, Add</i>	15.56	
			<i>For Tinted Glass, Add</i>	18.67	
			<i>For Low-E Insulated Glass, Add</i>	38.90	
			<i>For Obscure Glass, Add</i>	42.79	
08 53 13 00-0155	EA		28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	215.05	27.26
			<i>For Colored Vinyl, Add</i>	16.05	
			<i>For Tinted Glass, Add</i>	19.26	
			<i>For Low-E Insulated Glass, Add</i>	40.13	
			<i>For Obscure Glass, Add</i>	44.14	
08 53 13 00-0156	EA		30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	218.34	27.74
			<i>For Colored Vinyl, Add</i>	16.29	
			<i>For Tinted Glass, Add</i>	19.54	
			<i>For Low-E Insulated Glass, Add</i>	40.72	
			<i>For Obscure Glass, Add</i>	44.79	
08 53 13 00-0157	EA		32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	221.45	28.21
			<i>For Colored Vinyl, Add</i>	16.50	
			<i>For Tinted Glass, Add</i>	19.80	
			<i>For Low-E Insulated Glass, Add</i>	41.25	
			<i>For Obscure Glass, Add</i>	45.38	
08 53 13 00-0158	EA		36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	230.06	29.17
			<i>For Colored Vinyl, Add</i>	17.17	
			<i>For Tinted Glass, Add</i>	20.61	
			<i>For Low-E Insulated Glass, Add</i>	42.93	
			<i>For Obscure Glass, Add</i>	47.22	
08 53 13 00-0159	EA		44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	244.46	31.09
			<i>For Colored Vinyl, Add</i>	18.23	
			<i>For Tinted Glass, Add</i>	21.87	
			<i>For Low-E Insulated Glass, Add</i>	45.57	
			<i>For Obscure Glass, Add</i>	50.13	
<b>08 53 13 00-0160</b>			<b>54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0161	EA		24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	210.67	26.79
			<i>For Colored Vinyl, Add</i>	15.71	
			<i>For Tinted Glass, Add</i>	18.85	
			<i>For Low-E Insulated Glass, Add</i>	39.28	
			<i>For Obscure Glass, Add</i>	43.20	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0162	EA		28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.49	27.74
			<i>For Colored Vinyl, Add</i>	16.20	
			<i>For Tinted Glass, Add</i>	19.44	
			<i>For Low-E Insulated Glass, Add</i>	40.50	
			<i>For Obscure Glass, Add</i>	44.55	
08 53 13 00-0163	EA		30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.92	28.21
			<i>For Colored Vinyl, Add</i>	16.45	
			<i>For Tinted Glass, Add</i>	19.74	
			<i>For Low-E Insulated Glass, Add</i>	41.12	
			<i>For Obscure Glass, Add</i>	45.23	
08 53 13 00-0164	EA		32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	224.01	28.70
			<i>For Colored Vinyl, Add</i>	16.66	
			<i>For Tinted Glass, Add</i>	19.99	
			<i>For Low-E Insulated Glass, Add</i>	41.66	
			<i>For Obscure Glass, Add</i>	45.82	
08 53 13 00-0165	EA		36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	232.96	29.65
			<i>For Colored Vinyl, Add</i>	17.37	
			<i>For Tinted Glass, Add</i>	20.84	
			<i>For Low-E Insulated Glass, Add</i>	43.41	
			<i>For Obscure Glass, Add</i>	47.75	
08 53 13 00-0166	EA		44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	247.49	31.57
			<i>For Colored Vinyl, Add</i>	18.44	
			<i>For Tinted Glass, Add</i>	22.12	
			<i>For Low-E Insulated Glass, Add</i>	46.09	
			<i>For Obscure Glass, Add</i>	50.70	
<b>08 53 13 00-0167 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)</b>					
08 53 13 00-0168	EA		24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	218.01	28.21
			<i>For Colored Vinyl, Add</i>	16.16	
			<i>For Tinted Glass, Add</i>	19.39	
			<i>For Low-E Insulated Glass, Add</i>	40.39	
			<i>For Obscure Glass, Add</i>	44.43	
08 53 13 00-0169	EA		28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	224.82	29.17
			<i>For Colored Vinyl, Add</i>	16.65	
			<i>For Tinted Glass, Add</i>	19.98	
			<i>For Low-E Insulated Glass, Add</i>	41.62	
			<i>For Obscure Glass, Add</i>	45.78	
08 53 13 00-0170	EA		30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	229.07	29.65
			<i>For Colored Vinyl, Add</i>	16.98	
			<i>For Tinted Glass, Add</i>	20.37	
			<i>For Low-E Insulated Glass, Add</i>	42.44	
			<i>For Obscure Glass, Add</i>	46.68	
08 53 13 00-0171	EA		32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	232.16	30.14
			<i>For Colored Vinyl, Add</i>	17.19	
			<i>For Tinted Glass, Add</i>	20.63	
			<i>For Low-E Insulated Glass, Add</i>	42.98	
			<i>For Obscure Glass, Add</i>	47.27	
08 53 13 00-0172	EA		36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.63	31.09
			<i>For Colored Vinyl, Add</i>	17.95	
			<i>For Tinted Glass, Add</i>	21.54	
			<i>For Low-E Insulated Glass, Add</i>	44.87	
			<i>For Obscure Glass, Add</i>	49.35	
08 53 13 00-0173	EA		44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	256.60	33.00
			<i>For Colored Vinyl, Add</i>	19.06	
			<i>For Tinted Glass, Add</i>	22.87	
			<i>For Low-E Insulated Glass, Add</i>	47.65	
			<i>For Obscure Glass, Add</i>	52.42	
<b>08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)</b>					
08 53 13 00-0175	EA		24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.43	28.70
			<i>For Colored Vinyl, Add</i>	16.30	
			<i>For Tinted Glass, Add</i>	19.56	
			<i>For Low-E Insulated Glass, Add</i>	40.76	
			<i>For Obscure Glass, Add</i>	44.84	
08 53 13 00-0176	EA		28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	227.26	29.65
			<i>For Colored Vinyl, Add</i>	16.80	
			<i>For Tinted Glass, Add</i>	20.15	
			<i>For Low-E Insulated Glass, Add</i>	41.99	
			<i>For Obscure Glass, Add</i>	46.19	
08 53 13 00-0177	EA		30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	231.83	30.14
			<i>For Colored Vinyl, Add</i>	17.16	
			<i>For Tinted Glass, Add</i>	20.59	
			<i>For Low-E Insulated Glass, Add</i>	42.89	
			<i>For Obscure Glass, Add</i>	47.18	
08 53 13 00-0178	EA		32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	234.93	30.61
			<i>For Colored Vinyl, Add</i>	17.37	
			<i>For Tinted Glass, Add</i>	20.85	
			<i>For Low-E Insulated Glass, Add</i>	43.43	
			<i>For Obscure Glass, Add</i>	47.77	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0179	EA		36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	244.51	31.57
			<i>For Colored Vinyl, Add</i>	18.14	
			<i>For Tinted Glass, Add</i>	21.77	
			<i>For Low-E Insulated Glass, Add</i>	45.35	
			<i>For Obscure Glass, Add</i>	49.88	
08 53 13 00-0180	EA		44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	259.91	33.48
			<i>For Colored Vinyl, Add</i>	19.30	
			<i>For Tinted Glass, Add</i>	23.15	
			<i>For Low-E Insulated Glass, Add</i>	48.24	
			<i>For Obscure Glass, Add</i>	53.06	
<b>08 53 13 00-0181</b>			<b>66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0182	EA		24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	225.81	29.65
			<i>For Colored Vinyl, Add</i>	16.65	
			<i>For Tinted Glass, Add</i>	19.98	
			<i>For Low-E Insulated Glass, Add</i>	41.63	
			<i>For Obscure Glass, Add</i>	45.79	
08 53 13 00-0183	EA		28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	232.62	30.61
			<i>For Colored Vinyl, Add</i>	17.14	
			<i>For Tinted Glass, Add</i>	20.57	
			<i>For Low-E Insulated Glass, Add</i>	42.85	
			<i>For Obscure Glass, Add</i>	47.14	
08 53 13 00-0184	EA		30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	237.37	31.09
			<i>For Colored Vinyl, Add</i>	17.52	
			<i>For Tinted Glass, Add</i>	21.02	
			<i>For Low-E Insulated Glass, Add</i>	43.80	
			<i>For Obscure Glass, Add</i>	48.18	
08 53 13 00-0185	EA		32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	240.47	31.57
			<i>For Colored Vinyl, Add</i>	17.73	
			<i>For Tinted Glass, Add</i>	21.28	
			<i>For Low-E Insulated Glass, Add</i>	44.34	
			<i>For Obscure Glass, Add</i>	48.77	
08 53 13 00-0186	EA		36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	250.31	32.52
			<i>For Colored Vinyl, Add</i>	18.53	
			<i>For Tinted Glass, Add</i>	22.23	
			<i>For Low-E Insulated Glass, Add</i>	46.32	
			<i>For Obscure Glass, Add</i>	50.95	
08 53 13 00-0187	EA		44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	266.31	34.43
			<i>For Colored Vinyl, Add</i>	19.74	
			<i>For Tinted Glass, Add</i>	23.69	
			<i>For Low-E Insulated Glass, Add</i>	49.36	
			<i>For Obscure Glass, Add</i>	54.29	
<b>08 53 13 00-0188</b>			<b>72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0189	EA		24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	233.85	31.09
			<i>For Colored Vinyl, Add</i>	17.17	
			<i>For Tinted Glass, Add</i>	20.60	
			<i>For Low-E Insulated Glass, Add</i>	42.92	
			<i>For Obscure Glass, Add</i>	47.21	
08 53 13 00-0190	EA		28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	240.67	32.05
			<i>For Colored Vinyl, Add</i>	17.66	
			<i>For Tinted Glass, Add</i>	21.19	
			<i>For Low-E Insulated Glass, Add</i>	44.15	
			<i>For Obscure Glass, Add</i>	48.56	
08 53 13 00-0191	EA		30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	245.42	32.52
			<i>For Colored Vinyl, Add</i>	18.04	
			<i>For Tinted Glass, Add</i>	21.65	
			<i>For Low-E Insulated Glass, Add</i>	45.10	
			<i>For Obscure Glass, Add</i>	49.60	
08 53 13 00-0192	EA		32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	248.52	33.00
			<i>For Colored Vinyl, Add</i>	18.25	
			<i>For Tinted Glass, Add</i>	21.90	
			<i>For Low-E Insulated Glass, Add</i>	45.63	
			<i>For Obscure Glass, Add</i>	50.19	
08 53 13 00-0193	EA		36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	258.37	33.96
			<i>For Colored Vinyl, Add</i>	19.05	
			<i>For Tinted Glass, Add</i>	22.85	
			<i>For Low-E Insulated Glass, Add</i>	47.61	
			<i>For Obscure Glass, Add</i>	52.37	
08 53 13 00-0194	EA		44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	274.35	35.87
			<i>For Colored Vinyl, Add</i>	20.26	
			<i>For Tinted Glass, Add</i>	24.31	
			<i>For Low-E Insulated Glass, Add</i>	50.65	
			<i>For Obscure Glass, Add</i>	55.72	
<b>08 53 13 00-0195</b>			<b>Replacement, Double Hung Vinyl Windows (Silver Line 8500)</b> <small>(08 53 13 00-0102)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	226.71	25.11
			For Colored Vinyl, Add	17.65	
			For Tinted Glass, Add	21.18	
			For Low-E Insulated Glass, Add	44.12	
			For Obscure Glass, Add	48.53	
08 53 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	249.93	27.50
			For Colored Vinyl, Add	19.49	
			For Tinted Glass, Add	23.39	
			For Low-E Insulated Glass, Add	48.73	
			For Obscure Glass, Add	53.61	
08 53 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	271.78	29.89
			For Colored Vinyl, Add	21.20	
			For Tinted Glass, Add	25.44	
			For Low-E Insulated Glass, Add	53.00	
			For Obscure Glass, Add	58.30	
08 53 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	287.82	32.28
			For Colored Vinyl, Add	22.33	
			For Tinted Glass, Add	26.79	
			For Low-E Insulated Glass, Add	55.81	
			For Obscure Glass, Add	61.39	
08 53 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	304.89	34.68
			For Colored Vinyl, Add	23.55	
			For Tinted Glass, Add	28.26	
			For Low-E Insulated Glass, Add	58.89	
			For Obscure Glass, Add	64.77	
08 53 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	331.10	37.06
			For Colored Vinyl, Add	25.70	
			For Tinted Glass, Add	30.84	
			For Low-E Insulated Glass, Add	64.24	
			For Obscure Glass, Add	70.66	
08 53 13 00-0202	UI		>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	2.76	0.31
			For Colored Vinyl, Add	0.21	
			For Tinted Glass, Add	0.26	
			For Low-E Insulated Glass, Add	0.54	
			For Obscure Glass, Add	0.59	
08 53 13 00-0203			Casement Vinyl Windows (08 53 13)		
08 53 13 00-0204			New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0203)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0205			One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0206			24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0207	EA		17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	168.85	18.17
			For Colored Vinyl, Add	13.30	
			For Tinted Glass, Add	15.96	
			For Low-E Insulated Glass, Add	33.25	
			For Obscure Glass, Add	36.57	
08 53 13 00-0208	EA		20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	174.78	18.66
			For Colored Vinyl, Add	13.75	
			For Tinted Glass, Add	16.50	
			For Low-E Insulated Glass, Add	34.37	
			For Obscure Glass, Add	37.80	
08 53 13 00-0209	EA		24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	181.18	19.61
			For Colored Vinyl, Add	14.20	
			For Tinted Glass, Add	17.04	
			For Low-E Insulated Glass, Add	35.49	
			For Obscure Glass, Add	39.04	
08 53 13 00-0210	EA		28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	192.53	20.57
			For Colored Vinyl, Add	15.14	
			For Tinted Glass, Add	18.17	
			For Low-E Insulated Glass, Add	37.85	
			For Obscure Glass, Add	41.64	
08 53 13 00-0211			28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0212	EA		17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	179.12	19.13
			For Colored Vinyl, Add	14.13	
			For Tinted Glass, Add	16.96	
			For Low-E Insulated Glass, Add	35.34	
			For Obscure Glass, Add	38.87	
08 53 13 00-0213	EA		20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	185.56	19.61
			For Colored Vinyl, Add	14.63	
			For Tinted Glass, Add	17.56	
			For Low-E Insulated Glass, Add	36.59	
			For Obscure Glass, Add	40.24	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0214	EA		24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	192.46	20.57
			<i>For Colored Vinyl, Add</i>	15.13	
			<i>For Tinted Glass, Add</i>	18.16	
			<i>For Low-E Insulated Glass, Add</i>	37.83	
			<i>For Obscure Glass, Add</i>	41.62	
08 53 13 00-0215	EA		28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	204.42	21.52
			<i>For Colored Vinyl, Add</i>	16.14	
			<i>For Tinted Glass, Add</i>	19.36	
			<i>For Low-E Insulated Glass, Add</i>	40.34	
			<i>For Obscure Glass, Add</i>	44.38	
<b>08 53 13 00-0216</b>			<b>36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)</b>		
08 53 13 00-0217	EA		17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	191.45	20.57
			<i>For Colored Vinyl, Add</i>	15.03	
			<i>For Tinted Glass, Add</i>	18.04	
			<i>For Low-E Insulated Glass, Add</i>	37.58	
			<i>For Obscure Glass, Add</i>	41.34	
08 53 13 00-0218	EA		20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	198.13	21.52
			<i>For Colored Vinyl, Add</i>	15.56	
			<i>For Tinted Glass, Add</i>	18.67	
			<i>For Low-E Insulated Glass, Add</i>	38.89	
			<i>For Obscure Glass, Add</i>	42.78	
08 53 13 00-0219	EA		24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	205.31	22.24
			<i>For Colored Vinyl, Add</i>	16.08	
			<i>For Tinted Glass, Add</i>	19.30	
			<i>For Low-E Insulated Glass, Add</i>	40.21	
			<i>For Obscure Glass, Add</i>	44.23	
08 53 13 00-0220	EA		28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	217.76	23.20
			<i>For Colored Vinyl, Add</i>	17.14	
			<i>For Tinted Glass, Add</i>	20.56	
			<i>For Low-E Insulated Glass, Add</i>	42.84	
			<i>For Obscure Glass, Add</i>	47.12	
<b>08 53 13 00-0221</b>			<b>40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)</b>		
08 53 13 00-0222	EA		17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	202.50	22.00
			<i>For Colored Vinyl, Add</i>	15.90	
			<i>For Tinted Glass, Add</i>	19.08	
			<i>For Low-E Insulated Glass, Add</i>	39.75	
			<i>For Obscure Glass, Add</i>	43.72	
08 53 13 00-0223	EA		20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	209.55	22.48
			<i>For Colored Vinyl, Add</i>	16.46	
			<i>For Tinted Glass, Add</i>	19.75	
			<i>For Low-E Insulated Glass, Add</i>	41.15	
			<i>For Obscure Glass, Add</i>	45.26	
08 53 13 00-0224	EA		24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	217.07	23.43
			<i>For Colored Vinyl, Add</i>	17.02	
			<i>For Tinted Glass, Add</i>	20.42	
			<i>For Low-E Insulated Glass, Add</i>	42.55	
			<i>For Obscure Glass, Add</i>	46.81	
08 53 13 00-0225	EA		28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	230.50	24.39
			<i>For Colored Vinyl, Add</i>	18.17	
			<i>For Tinted Glass, Add</i>	21.81	
			<i>For Low-E Insulated Glass, Add</i>	45.43	
			<i>For Obscure Glass, Add</i>	49.97	
<b>08 53 13 00-0226</b>			<b>48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)</b>		
08 53 13 00-0227	EA		17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	215.08	23.92
			<i>For Colored Vinyl, Add</i>	16.77	
			<i>For Tinted Glass, Add</i>	20.13	
			<i>For Low-E Insulated Glass, Add</i>	41.93	
			<i>For Obscure Glass, Add</i>	46.13	
08 53 13 00-0228	EA		20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	222.42	24.39
			<i>For Colored Vinyl, Add</i>	17.36	
			<i>For Tinted Glass, Add</i>	20.84	
			<i>For Low-E Insulated Glass, Add</i>	43.41	
			<i>For Obscure Glass, Add</i>	47.75	
08 53 13 00-0229	EA		24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	230.26	25.35
			<i>For Colored Vinyl, Add</i>	17.96	
			<i>For Tinted Glass, Add</i>	21.55	
			<i>For Low-E Insulated Glass, Add</i>	44.89	
			<i>For Obscure Glass, Add</i>	49.38	
08 53 13 00-0230	EA		28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	245.02	26.30
			<i>For Colored Vinyl, Add</i>	19.24	
			<i>For Tinted Glass, Add</i>	23.09	
			<i>For Low-E Insulated Glass, Add</i>	48.10	
			<i>For Obscure Glass, Add</i>	52.91	

**08 Openings****08 50 Windows**

08 53 Plastic Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0231			<b>52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0232	EA		17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	225.69	24.87
			For Colored Vinyl, Add	17.64	
			For Tinted Glass, Add	21.17	
			For Low-E Insulated Glass, Add	44.11	
			For Obscure Glass, Add	48.52	
08 53 13 00-0233	EA		20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	233.45	25.35
			For Colored Vinyl, Add	18.28	
			For Tinted Glass, Add	21.93	
			For Low-E Insulated Glass, Add	45.69	
			For Obscure Glass, Add	50.26	
08 53 13 00-0234	EA		24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	241.69	26.30
			For Colored Vinyl, Add	18.91	
			For Tinted Glass, Add	22.69	
			For Low-E Insulated Glass, Add	47.27	
			For Obscure Glass, Add	51.99	
08 53 13 00-0235	EA		28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	256.68	27.26
			For Colored Vinyl, Add	20.22	
			For Tinted Glass, Add	24.26	
			For Low-E Insulated Glass, Add	50.54	
			For Obscure Glass, Add	55.59	
08 53 13 00-0236			<b>60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0237	EA		17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	237.75	26.30
			For Colored Vinyl, Add	18.51	
			For Tinted Glass, Add	22.22	
			For Low-E Insulated Glass, Add	46.28	
			For Obscure Glass, Add	50.91	
08 53 13 00-0238	EA		20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	245.90	27.26
			For Colored Vinyl, Add	19.19	
			For Tinted Glass, Add	23.02	
			For Low-E Insulated Glass, Add	47.97	
			For Obscure Glass, Add	52.76	
08 53 13 00-0239	EA		24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	254.55	27.98
			For Colored Vinyl, Add	19.86	
			For Tinted Glass, Add	23.83	
			For Low-E Insulated Glass, Add	49.65	
			For Obscure Glass, Add	54.61	
08 53 13 00-0240	EA		28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	269.78	28.93
			For Colored Vinyl, Add	21.19	
			For Tinted Glass, Add	25.43	
			For Low-E Insulated Glass, Add	52.98	
			For Obscure Glass, Add	58.28	
08 53 13 00-0241			<b>64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	248.63	27.74
			For Colored Vinyl, Add	19.36	
			For Tinted Glass, Add	23.24	
			For Low-E Insulated Glass, Add	48.41	
			For Obscure Glass, Add	53.25	
08 53 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	257.00	28.21
			For Colored Vinyl, Add	20.06	
			For Tinted Glass, Add	24.07	
			For Low-E Insulated Glass, Add	50.14	
			For Obscure Glass, Add	55.15	
08 53 13 00-0244	EA		24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	266.20	29.17
			For Colored Vinyl, Add	20.79	
			For Tinted Glass, Add	24.94	
			For Low-E Insulated Glass, Add	51.96	
			For Obscure Glass, Add	57.16	
08 53 13 00-0245	EA		28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	281.08	30.14
			For Colored Vinyl, Add	22.08	
			For Tinted Glass, Add	26.50	
			For Low-E Insulated Glass, Add	55.21	
			For Obscure Glass, Add	60.73	
08 53 13 00-0246			<b>72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0247	EA		17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550) .....	262.02	29.17
			For Colored Vinyl, Add	20.37	
			For Tinted Glass, Add	24.44	
			For Low-E Insulated Glass, Add	50.92	
			For Obscure Glass, Add	56.01	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0248	EA		20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	270.83	30.14
			<i>For Colored Vinyl, Add</i>	21.10	
			<i>For Tinted Glass, Add</i>	25.32	
			<i>For Low-E Insulated Glass, Add</i>	52.76	
			<i>For Obscure Glass, Add</i>	58.04	
08 53 13 00-0249	EA		24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	279.63	30.85
			<i>For Colored Vinyl, Add</i>	21.79	
			<i>For Tinted Glass, Add</i>	26.15	
			<i>For Low-E Insulated Glass, Add</i>	54.48	
			<i>For Obscure Glass, Add</i>	59.93	
08 53 13 00-0250	EA		28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	294.33	31.80
			<i>For Colored Vinyl, Add</i>	23.07	
			<i>For Tinted Glass, Add</i>	27.69	
			<i>For Low-E Insulated Glass, Add</i>	57.68	
			<i>For Obscure Glass, Add</i>	63.45	
08 53 13 00-0251			<b>Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0204)</small>		
08 53 13 00-0252			<b>36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0251)</small>		
08 53 13 00-0253	EA		33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	337.50	24.39
			<i>For Colored Vinyl, Add</i>	28.87	
			<i>For Tinted Glass, Add</i>	34.65	
			<i>For Low-E Insulated Glass, Add</i>	72.18	
			<i>For Obscure Glass, Add</i>	79.40	
08 53 13 00-0254	EA		40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	349.91	26.30
			<i>For Colored Vinyl, Add</i>	29.78	
			<i>For Tinted Glass, Add</i>	35.73	
			<i>For Low-E Insulated Glass, Add</i>	74.45	
			<i>For Obscure Glass, Add</i>	81.89	
08 53 13 00-0255	EA		48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	362.82	28.21
			<i>For Colored Vinyl, Add</i>	30.69	
			<i>For Tinted Glass, Add</i>	36.82	
			<i>For Low-E Insulated Glass, Add</i>	76.72	
			<i>For Obscure Glass, Add</i>	84.39	
08 53 13 00-0256	EA		56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	377.41	29.89
			<i>For Colored Vinyl, Add</i>	31.76	
			<i>For Tinted Glass, Add</i>	38.11	
			<i>For Low-E Insulated Glass, Add</i>	79.41	
			<i>For Obscure Glass, Add</i>	87.35	
08 53 13 00-0257			<b>40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0251)</small>		
08 53 13 00-0258	EA		33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	357.36	25.58
			<i>For Colored Vinyl, Add</i>	30.62	
			<i>For Tinted Glass, Add</i>	36.74	
			<i>For Low-E Insulated Glass, Add</i>	76.55	
			<i>For Obscure Glass, Add</i>	84.20	
08 53 13 00-0259	EA		40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	370.52	27.26
			<i>For Colored Vinyl, Add</i>	31.60	
			<i>For Tinted Glass, Add</i>	37.92	
			<i>For Low-E Insulated Glass, Add</i>	79.00	
			<i>For Obscure Glass, Add</i>	86.90	
08 53 13 00-0260	EA		48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	384.16	29.17
			<i>For Colored Vinyl, Add</i>	32.58	
			<i>For Tinted Glass, Add</i>	39.10	
			<i>For Low-E Insulated Glass, Add</i>	81.45	
			<i>For Obscure Glass, Add</i>	89.60	
08 53 13 00-0261	EA		56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	398.29	31.09
			<i>For Colored Vinyl, Add</i>	33.61	
			<i>For Tinted Glass, Add</i>	40.33	
			<i>For Low-E Insulated Glass, Add</i>	84.03	
			<i>For Obscure Glass, Add</i>	92.43	
08 53 13 00-0262			<b>48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0251)</small>		
08 53 13 00-0263	EA		33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	378.99	27.50
			<i>For Colored Vinyl, Add</i>	32.40	
			<i>For Tinted Glass, Add</i>	38.88	
			<i>For Low-E Insulated Glass, Add</i>	81.00	
			<i>For Obscure Glass, Add</i>	89.10	
08 53 13 00-0264	EA		40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	392.68	29.17
			<i>For Colored Vinyl, Add</i>	33.43	
			<i>For Tinted Glass, Add</i>	40.12	
			<i>For Low-E Insulated Glass, Add</i>	83.58	
			<i>For Obscure Glass, Add</i>	91.94	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0265	EA		48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	406.87	31.09
			<i>For Colored Vinyl, Add</i>	34.47	
			<i>For Tinted Glass, Add</i>	41.36	
			<i>For Low-E Insulated Glass, Add</i>	86.18	
			<i>For Obscure Glass, Add</i>	94.79	
08 53 13 00-0266	EA		56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	422.26	33.00
			<i>For Colored Vinyl, Add</i>	35.63	
			<i>For Tinted Glass, Add</i>	42.75	
			<i>For Low-E Insulated Glass, Add</i>	89.07	
			<i>For Obscure Glass, Add</i>	97.97	
<b>08 53 13 00-0267</b>			<b>52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0265)</small></b>		
08 53 13 00-0268	EA		33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	398.66	28.46
			<i>For Colored Vinyl, Add</i>	34.18	
			<i>For Tinted Glass, Add</i>	41.01	
			<i>For Low-E Insulated Glass, Add</i>	85.44	
			<i>For Obscure Glass, Add</i>	93.98	
08 53 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	413.08	30.14
			<i>For Colored Vinyl, Add</i>	35.28	
			<i>For Tinted Glass, Add</i>	42.34	
			<i>For Low-E Insulated Glass, Add</i>	88.21	
			<i>For Obscure Glass, Add</i>	97.03	
08 53 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	427.97	32.05
			<i>For Colored Vinyl, Add</i>	36.39	
			<i>For Tinted Glass, Add</i>	43.67	
			<i>For Low-E Insulated Glass, Add</i>	90.97	
			<i>For Obscure Glass, Add</i>	100.07	
08 53 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	443.62	33.96
			<i>For Colored Vinyl, Add</i>	37.57	
			<i>For Tinted Glass, Add</i>	45.08	
			<i>For Low-E Insulated Glass, Add</i>	93.93	
			<i>For Obscure Glass, Add</i>	103.32	
<b>08 53 13 00-0272</b>			<b>60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0265)</small></b>		
08 53 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	419.78	30.14
			<i>For Colored Vinyl, Add</i>	35.95	
			<i>For Tinted Glass, Add</i>	43.14	
			<i>For Low-E Insulated Glass, Add</i>	89.88	
			<i>For Obscure Glass, Add</i>	98.87	
08 53 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	434.91	32.05
			<i>For Colored Vinyl, Add</i>	37.13	
			<i>For Tinted Glass, Add</i>	44.56	
			<i>For Low-E Insulated Glass, Add</i>	92.83	
			<i>For Obscure Glass, Add</i>	102.11	
08 53 13 00-0275	EA		48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	450.51	33.96
			<i>For Colored Vinyl, Add</i>	38.31	
			<i>For Tinted Glass, Add</i>	45.97	
			<i>For Low-E Insulated Glass, Add</i>	95.77	
			<i>For Obscure Glass, Add</i>	105.34	
08 53 13 00-0276	EA		56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	466.38	35.64
			<i>For Colored Vinyl, Add</i>	39.51	
			<i>For Tinted Glass, Add</i>	47.41	
			<i>For Low-E Insulated Glass, Add</i>	98.78	
			<i>For Obscure Glass, Add</i>	108.66	
<b>08 53 13 00-0277</b>			<b>64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0265)</small></b>		
08 53 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	440.53	31.33
			<i>For Colored Vinyl, Add</i>	37.79	
			<i>For Tinted Glass, Add</i>	45.34	
			<i>For Low-E Insulated Glass, Add</i>	94.47	
			<i>For Obscure Glass, Add</i>	103.91	
08 53 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	455.65	33.00
			<i>For Colored Vinyl, Add</i>	38.97	
			<i>For Tinted Glass, Add</i>	46.76	
			<i>For Low-E Insulated Glass, Add</i>	97.41	
			<i>For Obscure Glass, Add</i>	107.15	
08 53 13 00-0280	EA		48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	471.19	34.92
			<i>For Colored Vinyl, Add</i>	40.14	
			<i>For Tinted Glass, Add</i>	48.16	
			<i>For Low-E Insulated Glass, Add</i>	100.34	
			<i>For Obscure Glass, Add</i>	110.37	
08 53 13 00-0281	EA		56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	487.13	36.83
			<i>For Colored Vinyl, Add</i>	41.35	
			<i>For Tinted Glass, Add</i>	49.62	
			<i>For Low-E Insulated Glass, Add</i>	103.37	
			<i>For Obscure Glass, Add</i>	113.70	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0282			<b>72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0251)		
08 53 13 00-0283	EA		33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	463.40	33.00
			For Colored Vinyl, Add	39.74	
			For Tinted Glass, Add	47.69	
			For Low-E Insulated Glass, Add	99.35	
			For Obscure Glass, Add	109.29	
08 53 13 00-0284	EA		40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	478.53	34.92
			For Colored Vinyl, Add	40.92	
			For Tinted Glass, Add	49.10	
			For Low-E Insulated Glass, Add	102.30	
			For Obscure Glass, Add	112.52	
08 53 13 00-0285	EA		48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	494.14	36.83
			For Colored Vinyl, Add	42.10	
			For Tinted Glass, Add	50.52	
			For Low-E Insulated Glass, Add	105.24	
			For Obscure Glass, Add	115.77	
08 53 13 00-0286	EA		56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	510.02	38.50
			For Colored Vinyl, Add	43.30	
			For Tinted Glass, Add	51.96	
			For Low-E Insulated Glass, Add	108.25	
			For Obscure Glass, Add	119.08	
08 53 13 00-0287			<b>Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0204)		
08 53 13 00-0288			<b>36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0289	EA		62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	416.70	31.09
			For Colored Vinyl, Add	35.45	
			For Tinted Glass, Add	42.54	
			For Low-E Insulated Glass, Add	88.63	
			For Obscure Glass, Add	97.50	
08 53 13 00-0290	EA		72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	436.43	33.48
			For Colored Vinyl, Add	36.95	
			For Tinted Glass, Add	44.34	
			For Low-E Insulated Glass, Add	92.37	
			For Obscure Glass, Add	101.60	
08 53 13 00-0291	EA		86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	471.71	37.06
			For Colored Vinyl, Add	39.76	
			For Tinted Glass, Add	47.71	
			For Low-E Insulated Glass, Add	99.39	
			For Obscure Glass, Add	109.33	
08 53 13 00-0292			<b>40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0293	EA		62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	444.01	32.52
			For Colored Vinyl, Add	37.94	
			For Tinted Glass, Add	45.53	
			For Low-E Insulated Glass, Add	94.86	
			For Obscure Glass, Add	104.35	
08 53 13 00-0294	EA		72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	463.88	34.68
			For Colored Vinyl, Add	39.45	
			For Tinted Glass, Add	47.34	
			For Low-E Insulated Glass, Add	98.63	
			For Obscure Glass, Add	108.50	
08 53 13 00-0295	EA		86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	501.16	38.27
			For Colored Vinyl, Add	42.46	
			For Tinted Glass, Add	50.96	
			For Low-E Insulated Glass, Add	106.16	
			For Obscure Glass, Add	116.78	
08 53 13 00-0296			<b>48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0297	EA		62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	469.66	34.43
			For Colored Vinyl, Add	40.08	
			For Tinted Glass, Add	48.09	
			For Low-E Insulated Glass, Add	100.20	
			For Obscure Glass, Add	110.21	
08 53 13 00-0298	EA		72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	493.12	36.59
			For Colored Vinyl, Add	42.00	
			For Tinted Glass, Add	50.39	
			For Low-E Insulated Glass, Add	104.99	
			For Obscure Glass, Add	115.49	
08 53 13 00-0299	EA		86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	532.14	40.18
			For Colored Vinyl, Add	45.18	
			For Tinted Glass, Add	54.21	
			For Low-E Insulated Glass, Add	112.95	
			For Obscure Glass, Add	124.24	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0300			<b>52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0301	EA		62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	495.63	35.39
			<i>For Colored Vinyl, Add</i>	42.48	
			<i>For Tinted Glass, Add</i>	50.98	
			<i>For Low-E Insulated Glass, Add</i>	106.21	
			<i>For Obscure Glass, Add</i>	116.83	
08 53 13 00-0302	EA		72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	520.62	37.78
			<i>For Colored Vinyl, Add</i>	44.51	
			<i>For Tinted Glass, Add</i>	53.41	
			<i>For Low-E Insulated Glass, Add</i>	111.26	
			<i>For Obscure Glass, Add</i>	122.39	
08 53 13 00-0303	EA		86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	565.20	41.13
			<i>For Colored Vinyl, Add</i>	48.29	
			<i>For Tinted Glass, Add</i>	57.95	
			<i>For Low-E Insulated Glass, Add</i>	120.73	
			<i>For Obscure Glass, Add</i>	132.81	
08 53 13 00-0304			<b>60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0305	EA		62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	523.01	37.06
			<i>For Colored Vinyl, Add</i>	44.89	
			<i>For Tinted Glass, Add</i>	53.86	
			<i>For Low-E Insulated Glass, Add</i>	112.22	
			<i>For Obscure Glass, Add</i>	123.44	
08 53 13 00-0306	EA		72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	549.05	39.46
			<i>For Colored Vinyl, Add</i>	47.01	
			<i>For Tinted Glass, Add</i>	56.42	
			<i>For Low-E Insulated Glass, Add</i>	117.53	
			<i>For Obscure Glass, Add</i>	129.29	
08 53 13 00-0307	EA		86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	599.68	42.81
			<i>For Colored Vinyl, Add</i>	51.41	
			<i>For Tinted Glass, Add</i>	61.69	
			<i>For Low-E Insulated Glass, Add</i>	128.52	
			<i>For Obscure Glass, Add</i>	141.37	
08 53 13 00-0308			<b>64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0309	EA		62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	552.55	38.27
			<i>For Colored Vinyl, Add</i>	47.60	
			<i>For Tinted Glass, Add</i>	57.12	
			<i>For Low-E Insulated Glass, Add</i>	119.01	
			<i>For Obscure Glass, Add</i>	130.91	
08 53 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	578.58	40.65
			<i>For Colored Vinyl, Add</i>	49.73	
			<i>For Tinted Glass, Add</i>	59.67	
			<i>For Low-E Insulated Glass, Add</i>	124.32	
			<i>For Obscure Glass, Add</i>	136.75	
08 53 13 00-0311	EA		86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	629.21	44.00
			<i>For Colored Vinyl, Add</i>	54.12	
			<i>For Tinted Glass, Add</i>	64.95	
			<i>For Low-E Insulated Glass, Add</i>	135.30	
			<i>For Obscure Glass, Add</i>	148.83	
08 53 13 00-0312			<b>72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0313	EA		62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	583.12	39.93
			<i>For Colored Vinyl, Add</i>	50.33	
			<i>For Tinted Glass, Add</i>	60.39	
			<i>For Low-E Insulated Glass, Add</i>	125.81	
			<i>For Obscure Glass, Add</i>	138.39	
08 53 13 00-0314	EA		72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	609.15	42.33
			<i>For Colored Vinyl, Add</i>	52.45	
			<i>For Tinted Glass, Add</i>	62.94	
			<i>For Low-E Insulated Glass, Add</i>	131.13	
			<i>For Obscure Glass, Add</i>	144.24	
08 53 13 00-0315	EA		86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	659.78	45.68
			<i>For Colored Vinyl, Add</i>	56.84	
			<i>For Tinted Glass, Add</i>	68.21	
			<i>For Low-E Insulated Glass, Add</i>	142.11	
			<i>For Obscure Glass, Add</i>	156.32	
08 53 13 00-0316			<b>Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0203)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 53 13 00-0317</b> <b>One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0316)</small>		
08 53 13 00-0318    EA    Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	216.38	20.33
For Colored Vinyl, Add	17.57	
For Tinted Glass, Add	21.09	
For Low-E Insulated Glass, Add	43.93	
For Obscure Glass, Add	48.33	
08 53 13 00-0319    EA    >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	245.62	22.72
For Colored Vinyl, Add	20.02	
For Tinted Glass, Add	24.02	
For Low-E Insulated Glass, Add	50.05	
For Obscure Glass, Add	55.05	
08 53 13 00-0320    EA    >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	272.09	25.11
For Colored Vinyl, Add	22.19	
For Tinted Glass, Add	26.62	
For Low-E Insulated Glass, Add	55.47	
For Obscure Glass, Add	61.01	
08 53 13 00-0321    EA    >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	295.79	27.50
For Colored Vinyl, Add	24.08	
For Tinted Glass, Add	28.89	
For Low-E Insulated Glass, Add	60.20	
For Obscure Glass, Add	66.22	
08 53 13 00-0322    EA    >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	316.75	29.89
For Colored Vinyl, Add	25.70	
For Tinted Glass, Add	30.84	
For Low-E Insulated Glass, Add	64.24	
For Obscure Glass, Add	70.66	
08 53 13 00-0323    EA    >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	329.68	32.28
For Colored Vinyl, Add	26.51	
For Tinted Glass, Add	31.81	
For Low-E Insulated Glass, Add	66.28	
For Obscure Glass, Add	72.91	
08 53 13 00-0324    UI    >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	3.24	0.31
For Colored Vinyl, Add	0.26	
For Tinted Glass, Add	0.31	
For Low-E Insulated Glass, Add	0.66	
For Obscure Glass, Add	0.72	
<b>08 53 13 00-0325</b> <b>Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0316)</small>		
08 53 13 00-0326    EA    Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	357.81	25.11
For Colored Vinyl, Add	30.76	
For Tinted Glass, Add	36.91	
For Low-E Insulated Glass, Add	76.90	
For Obscure Glass, Add	84.59	
08 53 13 00-0327    EA    >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	393.26	27.50
For Colored Vinyl, Add	33.83	
For Tinted Glass, Add	40.59	
For Low-E Insulated Glass, Add	84.57	
For Obscure Glass, Add	93.02	
08 53 13 00-0328    EA    >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	425.95	29.89
For Colored Vinyl, Add	36.62	
For Tinted Glass, Add	43.94	
For Low-E Insulated Glass, Add	91.54	
For Obscure Glass, Add	100.69	
08 53 13 00-0329    EA    >93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	448.28	32.28
For Colored Vinyl, Add	38.37	
For Tinted Glass, Add	46.05	
For Low-E Insulated Glass, Add	95.93	
For Obscure Glass, Add	105.52	
08 53 13 00-0330    EA    >101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	472.05	34.68
For Colored Vinyl, Add	40.27	
For Tinted Glass, Add	48.32	
For Low-E Insulated Glass, Add	100.68	
For Obscure Glass, Add	110.74	
08 53 13 00-0331    EA    >110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	496.88	37.06
For Colored Vinyl, Add	42.27	
For Tinted Glass, Add	50.73	
For Low-E Insulated Glass, Add	105.69	
For Obscure Glass, Add	116.25	
08 53 13 00-0332    UI    >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	4.14	0.31
For Colored Vinyl, Add	0.35	
For Tinted Glass, Add	0.42	
For Low-E Insulated Glass, Add	0.88	
For Obscure Glass, Add	0.97	

**08 53 13 00-0333**    **Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500)** (08 53 13 00-0316)

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0334	EA		Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	372.94	25.11
			For Colored Vinyl, Add	32.27	
			For Tinted Glass, Add	38.73	
			For Low-E Insulated Glass, Add	80.68	
			For Obscure Glass, Add	88.75	
08 53 13 00-0335	EA		>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	410.04	27.50
			For Colored Vinyl, Add	35.50	
			For Tinted Glass, Add	42.60	
			For Low-E Insulated Glass, Add	88.76	
			For Obscure Glass, Add	97.64	
08 53 13 00-0336	EA		>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	445.23	29.89
			For Colored Vinyl, Add	38.54	
			For Tinted Glass, Add	46.25	
			For Low-E Insulated Glass, Add	96.36	
			For Obscure Glass, Add	106.00	
08 53 13 00-0337	EA		>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	469.21	32.28
			For Colored Vinyl, Add	40.46	
			For Tinted Glass, Add	48.56	
			For Low-E Insulated Glass, Add	101.16	
			For Obscure Glass, Add	111.28	
08 53 13 00-0338	EA		>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	494.85	34.68
			For Colored Vinyl, Add	42.55	
			For Tinted Glass, Add	51.06	
			For Low-E Insulated Glass, Add	106.38	
			For Obscure Glass, Add	117.01	
08 53 13 00-0339	EA		>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	521.74	37.06
			For Colored Vinyl, Add	44.76	
			For Tinted Glass, Add	53.71	
			For Low-E Insulated Glass, Add	111.90	
			For Obscure Glass, Add	123.09	
08 53 13 00-0340	UI		>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	4.35	0.31
			For Colored Vinyl, Add	0.37	
			For Tinted Glass, Add	0.45	
			For Low-E Insulated Glass, Add	0.93	
			For Obscure Glass, Add	1.03	
08 53 13 00-0341			<b>Awning Vinyl Windows</b> (08 53 13)		
08 53 13 00-0342			<b>New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0341)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343			<b>Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0342)		
08 53 13 00-0344			<b>17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0345	EA		24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	217.67	19.61
			For Colored Vinyl, Add	17.85	
			For Tinted Glass, Add	21.41	
			For Low-E Insulated Glass, Add	44.61	
			For Obscure Glass, Add	49.07	
08 53 13 00-0346	EA		28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	227.87	20.57
			For Colored Vinyl, Add	18.67	
			For Tinted Glass, Add	22.41	
			For Low-E Insulated Glass, Add	46.69	
			For Obscure Glass, Add	51.35	
08 53 13 00-0347	EA		36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	243.65	22.24
			For Colored Vinyl, Add	19.92	
			For Tinted Glass, Add	23.90	
			For Low-E Insulated Glass, Add	49.79	
			For Obscure Glass, Add	54.77	
08 53 13 00-0348	EA		40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	253.86	23.43
			For Colored Vinyl, Add	20.70	
			For Tinted Glass, Add	24.84	
			For Low-E Insulated Glass, Add	51.75	
			For Obscure Glass, Add	56.92	
08 53 13 00-0349	EA		48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	270.58	25.35
			For Colored Vinyl, Add	21.99	
			For Tinted Glass, Add	26.39	
			For Low-E Insulated Glass, Add	54.97	
			For Obscure Glass, Add	60.47	
08 53 13 00-0350			<b>20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0351	EA		24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	229.46	20.57
			For Colored Vinyl, Add	18.88	
			For Tinted Glass, Add	22.66	
			For Low-E Insulated Glass, Add	47.20	
			For Obscure Glass, Add	51.92	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0352	EA		28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	239.66	21.52
			<i>For Colored Vinyl, Add</i>	19.71	
			<i>For Tinted Glass, Add</i>	23.65	
			<i>For Low-E Insulated Glass, Add</i>	49.28	
			<i>For Obscure Glass, Add</i>	54.20	
08 53 13 00-0353	EA		36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	256.59	22.96
			<i>For Colored Vinyl, Add</i>	21.07	
			<i>For Tinted Glass, Add</i>	25.28	
			<i>For Low-E Insulated Glass, Add</i>	52.67	
			<i>For Obscure Glass, Add</i>	57.94	
08 53 13 00-0354	EA		40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	266.82	24.39
			<i>For Colored Vinyl, Add</i>	21.85	
			<i>For Tinted Glass, Add</i>	26.22	
			<i>For Low-E Insulated Glass, Add</i>	54.63	
			<i>For Obscure Glass, Add</i>	60.09	
08 53 13 00-0355	EA		48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	284.68	26.07
			<i>For Colored Vinyl, Add</i>	23.26	
			<i>For Tinted Glass, Add</i>	27.91	
			<i>For Low-E Insulated Glass, Add</i>	58.14	
			<i>For Obscure Glass, Add</i>	63.95	
<b>08 53 13 00-0356</b>			<b>24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> <small>(08 53 13 00-0343)</small>		
08 53 13 00-0357	EA		24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	237.12	21.52
			<i>For Colored Vinyl, Add</i>	19.46	
			<i>For Tinted Glass, Add</i>	23.35	
			<i>For Low-E Insulated Glass, Add</i>	48.64	
			<i>For Obscure Glass, Add</i>	53.50	
08 53 13 00-0358	EA		28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	247.32	22.48
			<i>For Colored Vinyl, Add</i>	20.28	
			<i>For Tinted Glass, Add</i>	24.34	
			<i>For Low-E Insulated Glass, Add</i>	50.71	
			<i>For Obscure Glass, Add</i>	55.78	
08 53 13 00-0359	EA		36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	264.83	23.92
			<i>For Colored Vinyl, Add</i>	21.70	
			<i>For Tinted Glass, Add</i>	26.04	
			<i>For Low-E Insulated Glass, Add</i>	54.25	
			<i>For Obscure Glass, Add</i>	59.68	
08 53 13 00-0360	EA		40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	275.98	25.35
			<i>For Colored Vinyl, Add</i>	22.58	
			<i>For Tinted Glass, Add</i>	27.09	
			<i>For Low-E Insulated Glass, Add</i>	56.44	
			<i>For Obscure Glass, Add</i>	62.08	
08 53 13 00-0361	EA		48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	294.07	27.02
			<i>For Colored Vinyl, Add</i>	24.00	
			<i>For Tinted Glass, Add</i>	28.80	
			<i>For Low-E Insulated Glass, Add</i>	60.01	
			<i>For Obscure Glass, Add</i>	66.01	
<b>08 53 13 00-0362</b>			<b>28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> <small>(08 53 13 00-0343)</small>		
08 53 13 00-0363	EA		24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	244.80	22.48
			<i>For Colored Vinyl, Add</i>	20.03	
			<i>For Tinted Glass, Add</i>	24.04	
			<i>For Low-E Insulated Glass, Add</i>	50.08	
			<i>For Obscure Glass, Add</i>	55.09	
08 53 13 00-0364	EA		28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	255.00	23.43
			<i>For Colored Vinyl, Add</i>	20.86	
			<i>For Tinted Glass, Add</i>	25.03	
			<i>For Low-E Insulated Glass, Add</i>	52.15	
			<i>For Obscure Glass, Add</i>	57.37	
08 53 13 00-0365	EA		36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	273.09	24.87
			<i>For Colored Vinyl, Add</i>	22.34	
			<i>For Tinted Glass, Add</i>	26.80	
			<i>For Low-E Insulated Glass, Add</i>	55.84	
			<i>For Obscure Glass, Add</i>	61.42	
08 53 13 00-0366	EA		40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	285.09	26.30
			<i>For Colored Vinyl, Add</i>	23.30	
			<i>For Tinted Glass, Add</i>	27.96	
			<i>For Low-E Insulated Glass, Add</i>	58.24	
			<i>For Obscure Glass, Add</i>	64.06	
08 53 13 00-0367	EA		48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	303.48	27.98
			<i>For Colored Vinyl, Add</i>	24.75	
			<i>For Tinted Glass, Add</i>	29.70	
			<i>For Low-E Insulated Glass, Add</i>	61.88	
			<i>For Obscure Glass, Add</i>	68.07	
<b>08 53 13 00-0368</b>			<b>36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> <small>(08 53 13 00-0343)</small>		

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0369	EA		36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) .....	289.09	26.55
			<i>For Colored Vinyl, Add</i>	23.60	
			<i>For Tinted Glass, Add</i>	28.32	
			<i>For Low-E Insulated Glass, Add</i>	59.00	
			<i>For Obscure Glass, Add</i>	64.90	
08 53 13 00-0370	EA		40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) .....	301.11	27.74
			<i>For Colored Vinyl, Add</i>	24.56	
			<i>For Tinted Glass, Add</i>	29.48	
			<i>For Low-E Insulated Glass, Add</i>	61.41	
			<i>For Obscure Glass, Add</i>	67.55	
08 53 13 00-0371	EA		48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450) .....	320.65	29.65
			<i>For Colored Vinyl, Add</i>	26.13	
			<i>For Tinted Glass, Add</i>	31.36	
			<i>For Low-E Insulated Glass, Add</i>	65.34	
			<i>For Obscure Glass, Add</i>	71.87	
<b>08 53 13 00-0372</b>			<b>Replacement, Awning Vinyl Windows (Silver Line 7400)</b> <small>(08 53 13 00-0341)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA		Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	227.36	20.33
			<i>For Colored Vinyl, Add</i>	18.67	
			<i>For Tinted Glass, Add</i>	22.41	
			<i>For Low-E Insulated Glass, Add</i>	46.68	
			<i>For Obscure Glass, Add</i>	51.35	
08 53 13 00-0374	EA		>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	263.02	22.72
			<i>For Colored Vinyl, Add</i>	21.76	
			<i>For Tinted Glass, Add</i>	26.11	
			<i>For Low-E Insulated Glass, Add</i>	54.40	
			<i>For Obscure Glass, Add</i>	59.83	
08 53 13 00-0375	EA		>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	297.30	25.11
			<i>For Colored Vinyl, Add</i>	24.71	
			<i>For Tinted Glass, Add</i>	29.65	
			<i>For Low-E Insulated Glass, Add</i>	61.77	
			<i>For Obscure Glass, Add</i>	67.95	
08 53 13 00-0376	EA		>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	330.19	27.50
			<i>For Colored Vinyl, Add</i>	27.52	
			<i>For Tinted Glass, Add</i>	33.02	
			<i>For Low-E Insulated Glass, Add</i>	68.80	
			<i>For Obscure Glass, Add</i>	75.68	
08 53 13 00-0377	EA		>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	361.71	29.89
			<i>For Colored Vinyl, Add</i>	30.19	
			<i>For Tinted Glass, Add</i>	36.23	
			<i>For Low-E Insulated Glass, Add</i>	75.48	
			<i>For Obscure Glass, Add</i>	83.03	
08 53 13 00-0378	EA		>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	378.51	32.28
			<i>For Colored Vinyl, Add</i>	31.39	
			<i>For Tinted Glass, Add</i>	37.67	
			<i>For Low-E Insulated Glass, Add</i>	78.49	
			<i>For Obscure Glass, Add</i>	86.33	
08 53 13 00-0379	UI		>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400) .....	3.73	0.31
			<i>For Colored Vinyl, Add</i>	0.31	
			<i>For Tinted Glass, Add</i>	0.37	
			<i>For Low-E Insulated Glass, Add</i>	0.78	
			<i>For Obscure Glass, Add</i>	0.86	
<b>08 53 13 00-0380</b>			<b>Horizontal Sliding Vinyl Windows</b> <small>(08 53 13)</small>		
<b>08 53 13 00-0381</b>			<b>New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0380)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
<b>08 53 13 00-0382</b>			<b>20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0383	EA		36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	129.80	23.43
			<i>For Colored Vinyl, Add</i>	8.34	
			<i>For Tinted Glass, Add</i>	10.01	
			<i>For Low-E Insulated Glass, Add</i>	20.85	
			<i>For Obscure Glass, Add</i>	22.94	
08 53 13 00-0384	EA		48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	143.71	26.30
			<i>For Colored Vinyl, Add</i>	9.16	
			<i>For Tinted Glass, Add</i>	10.99	
			<i>For Low-E Insulated Glass, Add</i>	22.90	
			<i>For Obscure Glass, Add</i>	25.18	
08 53 13 00-0385	EA		54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	150.67	27.50
			<i>For Colored Vinyl, Add</i>	9.57	
			<i>For Tinted Glass, Add</i>	11.48	
			<i>For Low-E Insulated Glass, Add</i>	23.92	
			<i>For Obscure Glass, Add</i>	26.31	
08 53 13 00-0386	EA		60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	157.63	28.93
			<i>For Colored Vinyl, Add</i>	9.98	
			<i>For Tinted Glass, Add</i>	11.97	
			<i>For Low-E Insulated Glass, Add</i>	24.94	
			<i>For Obscure Glass, Add</i>	27.43	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0387	EA		64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	162.27	30.14
			<i>For Colored Vinyl, Add</i>	10.25	
			<i>For Tinted Glass, Add</i>	12.30	
			<i>For Low-E Insulated Glass, Add</i>	25.62	
			<i>For Obscure Glass, Add</i>	28.18	
08 53 13 00-0388	EA		72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	171.55	31.80
			<i>For Colored Vinyl, Add</i>	10.79	
			<i>For Tinted Glass, Add</i>	12.95	
			<i>For Low-E Insulated Glass, Add</i>	26.99	
			<i>For Obscure Glass, Add</i>	29.68	
<b>08 53 13 00-0389</b>			<b>24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0390	EA		36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	136.31	24.39
			<i>For Colored Vinyl, Add</i>	8.80	
			<i>For Tinted Glass, Add</i>	10.56	
			<i>For Low-E Insulated Glass, Add</i>	22.00	
			<i>For Obscure Glass, Add</i>	24.20	
08 53 13 00-0391	EA		48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	150.59	27.26
			<i>For Colored Vinyl, Add</i>	9.66	
			<i>For Tinted Glass, Add</i>	11.59	
			<i>For Low-E Insulated Glass, Add</i>	24.14	
			<i>For Obscure Glass, Add</i>	26.55	
08 53 13 00-0392	EA		54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	157.79	28.46
			<i>For Colored Vinyl, Add</i>	10.09	
			<i>For Tinted Glass, Add</i>	12.11	
			<i>For Low-E Insulated Glass, Add</i>	25.22	
			<i>For Obscure Glass, Add</i>	27.74	
08 53 13 00-0393	EA		60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	164.91	29.89
			<i>For Colored Vinyl, Add</i>	10.51	
			<i>For Tinted Glass, Add</i>	12.61	
			<i>For Low-E Insulated Glass, Add</i>	26.28	
			<i>For Obscure Glass, Add</i>	28.91	
08 53 13 00-0394	EA		64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	169.66	31.09
			<i>For Colored Vinyl, Add</i>	10.80	
			<i>For Tinted Glass, Add</i>	12.96	
			<i>For Low-E Insulated Glass, Add</i>	26.99	
			<i>For Obscure Glass, Add</i>	29.69	
08 53 13 00-0395	EA		72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	179.19	32.76
			<i>For Colored Vinyl, Add</i>	11.37	
			<i>For Tinted Glass, Add</i>	13.64	
			<i>For Low-E Insulated Glass, Add</i>	28.42	
			<i>For Obscure Glass, Add</i>	31.26	
<b>08 53 13 00-0396</b>			<b>36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0397	EA		36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	155.97	27.26
			<i>For Colored Vinyl, Add</i>	10.19	
			<i>For Tinted Glass, Add</i>	12.23	
			<i>For Low-E Insulated Glass, Add</i>	25.48	
			<i>For Obscure Glass, Add</i>	28.03	
08 53 13 00-0398	EA		48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	171.47	30.14
			<i>For Colored Vinyl, Add</i>	11.17	
			<i>For Tinted Glass, Add</i>	13.40	
			<i>For Low-E Insulated Glass, Add</i>	27.92	
			<i>For Obscure Glass, Add</i>	30.71	
08 53 13 00-0399	EA		54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	179.23	31.33
			<i>For Colored Vinyl, Add</i>	11.66	
			<i>For Tinted Glass, Add</i>	13.99	
			<i>For Low-E Insulated Glass, Add</i>	29.14	
			<i>For Obscure Glass, Add</i>	32.06	
08 53 13 00-0400	EA		60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	186.97	32.76
			<i>For Colored Vinyl, Add</i>	12.15	
			<i>For Tinted Glass, Add</i>	14.57	
			<i>For Low-E Insulated Glass, Add</i>	30.36	
			<i>For Obscure Glass, Add</i>	33.40	
08 53 13 00-0401	EA		64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	192.15	33.48
			<i>For Colored Vinyl, Add</i>	12.47	
			<i>For Tinted Glass, Add</i>	14.97	
			<i>For Low-E Insulated Glass, Add</i>	31.18	
			<i>For Obscure Glass, Add</i>	34.30	
08 53 13 00-0402	EA		72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	202.47	35.64
			<i>For Colored Vinyl, Add</i>	13.12	
			<i>For Tinted Glass, Add</i>	15.75	
			<i>For Low-E Insulated Glass, Add</i>	32.80	
			<i>For Obscure Glass, Add</i>	36.08	
<b>08 53 13 00-0403</b>			<b>42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0404	EA		36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	165.80	28.70
			<i>For Colored Vinyl, Add</i>	10.89	
			<i>For Tinted Glass, Add</i>	13.07	
			<i>For Low-E Insulated Glass, Add</i>	27.22	
			<i>For Obscure Glass, Add</i>	29.94	
08 53 13 00-0405	EA		48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	181.91	31.57
			<i>For Colored Vinyl, Add</i>	11.93	
			<i>For Tinted Glass, Add</i>	14.31	
			<i>For Low-E Insulated Glass, Add</i>	29.81	
			<i>For Obscure Glass, Add</i>	32.79	
08 53 13 00-0406	EA		54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	189.96	32.76
			<i>For Colored Vinyl, Add</i>	12.44	
			<i>For Tinted Glass, Add</i>	14.93	
			<i>For Low-E Insulated Glass, Add</i>	31.11	
			<i>For Obscure Glass, Add</i>	34.22	
08 53 13 00-0407	EA		60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	198.02	34.20
			<i>For Colored Vinyl, Add</i>	12.96	
			<i>For Tinted Glass, Add</i>	15.56	
			<i>For Low-E Insulated Glass, Add</i>	32.41	
			<i>For Obscure Glass, Add</i>	35.65	
08 53 13 00-0408	EA		64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	203.37	35.39
			<i>For Colored Vinyl, Add</i>	13.31	
			<i>For Tinted Glass, Add</i>	15.97	
			<i>For Low-E Insulated Glass, Add</i>	33.27	
			<i>For Obscure Glass, Add</i>	36.59	
08 53 13 00-0409	EA		72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	214.13	37.06
			<i>For Colored Vinyl, Add</i>	14.00	
			<i>For Tinted Glass, Add</i>	16.80	
			<i>For Low-E Insulated Glass, Add</i>	35.00	
			<i>For Obscure Glass, Add</i>	38.50	
<b>08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>					
08 53 13 00-0411	EA		36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	169.08	29.17
			<i>For Colored Vinyl, Add</i>	11.12	
			<i>For Tinted Glass, Add</i>	13.35	
			<i>For Low-E Insulated Glass, Add</i>	27.80	
			<i>For Obscure Glass, Add</i>	30.58	
08 53 13 00-0412	EA		48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	185.39	32.05
			<i>For Colored Vinyl, Add</i>	12.18	
			<i>For Tinted Glass, Add</i>	14.61	
			<i>For Low-E Insulated Glass, Add</i>	30.45	
			<i>For Obscure Glass, Add</i>	33.49	
08 53 13 00-0413	EA		54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	193.54	33.24
			<i>For Colored Vinyl, Add</i>	12.71	
			<i>For Tinted Glass, Add</i>	15.25	
			<i>For Low-E Insulated Glass, Add</i>	31.77	
			<i>For Obscure Glass, Add</i>	34.94	
08 53 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	201.70	34.68
			<i>For Colored Vinyl, Add</i>	13.24	
			<i>For Tinted Glass, Add</i>	15.88	
			<i>For Low-E Insulated Glass, Add</i>	33.09	
			<i>For Obscure Glass, Add</i>	36.40	
08 53 13 00-0415	EA		64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	207.13	35.87
			<i>For Colored Vinyl, Add</i>	13.59	
			<i>For Tinted Glass, Add</i>	16.30	
			<i>For Low-E Insulated Glass, Add</i>	33.97	
			<i>For Obscure Glass, Add</i>	37.36	
08 53 13 00-0416	EA		72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	217.99	37.55
			<i>For Colored Vinyl, Add</i>	14.29	
			<i>For Tinted Glass, Add</i>	17.15	
			<i>For Low-E Insulated Glass, Add</i>	35.73	
			<i>For Obscure Glass, Add</i>	39.30	
<b>08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>					
08 53 13 00-0418	EA		36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	172.35	29.65
			<i>For Colored Vinyl, Add</i>	11.35	
			<i>For Tinted Glass, Add</i>	13.62	
			<i>For Low-E Insulated Glass, Add</i>	28.38	
			<i>For Obscure Glass, Add</i>	31.22	
08 53 13 00-0419	EA		48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	188.86	32.52
			<i>For Colored Vinyl, Add</i>	12.43	
			<i>For Tinted Glass, Add</i>	14.91	
			<i>For Low-E Insulated Glass, Add</i>	31.07	
			<i>For Obscure Glass, Add</i>	34.18	
08 53 13 00-0420	EA		54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	197.12	33.72
			<i>For Colored Vinyl, Add</i>	12.97	
			<i>For Tinted Glass, Add</i>	15.56	
			<i>For Low-E Insulated Glass, Add</i>	32.42	
			<i>For Obscure Glass, Add</i>	35.66	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0421	EA		60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	205.35	35.15
			<i>For Colored Vinyl, Add</i>	13.51	
			<i>For Tinted Glass, Add</i>	16.21	
			<i>For Low-E Insulated Glass, Add</i>	33.76	
			<i>For Obscure Glass, Add</i>	37.14	
08 53 13 00-0422	EA		64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	210.87	36.34
			<i>For Colored Vinyl, Add</i>	13.87	
			<i>For Tinted Glass, Add</i>	16.64	
			<i>For Low-E Insulated Glass, Add</i>	34.66	
			<i>For Obscure Glass, Add</i>	38.13	
08 53 13 00-0423	EA		72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	221.88	38.02
			<i>For Colored Vinyl, Add</i>	14.58	
			<i>For Tinted Glass, Add</i>	17.50	
			<i>For Low-E Insulated Glass, Add</i>	36.46	
			<i>For Obscure Glass, Add</i>	40.10	
<b>08 53 13 00-0424</b>			<b>48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0425	EA		36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	175.64	30.14
			<i>For Colored Vinyl, Add</i>	11.59	
			<i>For Tinted Glass, Add</i>	13.90	
			<i>For Low-E Insulated Glass, Add</i>	28.96	
			<i>For Obscure Glass, Add</i>	31.86	
08 53 13 00-0426	EA		48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	192.34	33.00
			<i>For Colored Vinyl, Add</i>	12.68	
			<i>For Tinted Glass, Add</i>	15.22	
			<i>For Low-E Insulated Glass, Add</i>	31.71	
			<i>For Obscure Glass, Add</i>	34.88	
08 53 13 00-0427	EA		54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	200.70	34.20
			<i>For Colored Vinyl, Add</i>	13.23	
			<i>For Tinted Glass, Add</i>	15.88	
			<i>For Low-E Insulated Glass, Add</i>	33.08	
			<i>For Obscure Glass, Add</i>	36.39	
08 53 13 00-0428	EA		60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	209.04	35.64
			<i>For Colored Vinyl, Add</i>	13.78	
			<i>For Tinted Glass, Add</i>	16.53	
			<i>For Low-E Insulated Glass, Add</i>	34.45	
			<i>For Obscure Glass, Add</i>	37.89	
08 53 13 00-0429	EA		64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	214.61	36.83
			<i>For Colored Vinyl, Add</i>	14.14	
			<i>For Tinted Glass, Add</i>	16.97	
			<i>For Low-E Insulated Glass, Add</i>	35.36	
			<i>For Obscure Glass, Add</i>	38.90	
08 53 13 00-0430	EA		72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	225.77	38.50
			<i>For Colored Vinyl, Add</i>	14.88	
			<i>For Tinted Glass, Add</i>	17.85	
			<i>For Low-E Insulated Glass, Add</i>	37.19	
			<i>For Obscure Glass, Add</i>	40.91	
<b>08 53 13 00-0431</b>			<b>50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0432	EA		36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	178.92	30.61
			<i>For Colored Vinyl, Add</i>	11.82	
			<i>For Tinted Glass, Add</i>	14.18	
			<i>For Low-E Insulated Glass, Add</i>	29.54	
			<i>For Obscure Glass, Add</i>	32.50	
08 53 13 00-0433	EA		48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	195.82	33.48
			<i>For Colored Vinyl, Add</i>	12.93	
			<i>For Tinted Glass, Add</i>	15.52	
			<i>For Low-E Insulated Glass, Add</i>	32.34	
			<i>For Obscure Glass, Add</i>	35.57	
08 53 13 00-0434	EA		54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	204.27	34.68
			<i>For Colored Vinyl, Add</i>	13.49	
			<i>For Tinted Glass, Add</i>	16.19	
			<i>For Low-E Insulated Glass, Add</i>	33.73	
			<i>For Obscure Glass, Add</i>	37.10	
08 53 13 00-0435	EA		60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	212.72	36.11
			<i>For Colored Vinyl, Add</i>	14.05	
			<i>For Tinted Glass, Add</i>	16.86	
			<i>For Low-E Insulated Glass, Add</i>	35.13	
			<i>For Obscure Glass, Add</i>	38.64	
08 53 13 00-0436	EA		64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	218.37	37.31
			<i>For Colored Vinyl, Add</i>	14.42	
			<i>For Tinted Glass, Add</i>	17.31	
			<i>For Low-E Insulated Glass, Add</i>	36.06	
			<i>For Obscure Glass, Add</i>	39.66	
08 53 13 00-0437	EA		72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	229.63	38.98
			<i>For Colored Vinyl, Add</i>	15.17	
			<i>For Tinted Glass, Add</i>	18.20	
			<i>For Low-E Insulated Glass, Add</i>	37.92	
			<i>For Obscure Glass, Add</i>	41.71	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0438		<b>52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	182.19	31.09
		For Colored Vinyl, Add	12.05	
		For Tinted Glass, Add	14.46	
		For Low-E Insulated Glass, Add	30.12	
		For Obscure Glass, Add	33.13	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	199.30	33.96
		For Colored Vinyl, Add	13.19	
		For Tinted Glass, Add	15.82	
		For Low-E Insulated Glass, Add	32.97	
		For Obscure Glass, Add	36.26	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	207.84	35.15
		For Colored Vinyl, Add	13.75	
		For Tinted Glass, Add	16.50	
		For Low-E Insulated Glass, Add	34.39	
		For Obscure Glass, Add	37.82	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	216.40	36.59
		For Colored Vinyl, Add	14.32	
		For Tinted Glass, Add	17.19	
		For Low-E Insulated Glass, Add	35.81	
		For Obscure Glass, Add	39.39	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	222.11	37.78
		For Colored Vinyl, Add	14.70	
		For Tinted Glass, Add	17.64	
		For Low-E Insulated Glass, Add	36.76	
		For Obscure Glass, Add	40.43	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	233.52	39.46
		For Colored Vinyl, Add	15.46	
		For Tinted Glass, Add	18.55	
		For Low-E Insulated Glass, Add	38.65	
		For Obscure Glass, Add	42.52	
08 53 13 00-0445		<b>54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	185.47	31.57
		For Colored Vinyl, Add	12.28	
		For Tinted Glass, Add	14.74	
		For Low-E Insulated Glass, Add	30.70	
		For Obscure Glass, Add	33.77	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	202.77	34.43
		For Colored Vinyl, Add	13.44	
		For Tinted Glass, Add	16.13	
		For Low-E Insulated Glass, Add	33.60	
		For Obscure Glass, Add	36.95	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	211.43	35.64
		For Colored Vinyl, Add	14.02	
		For Tinted Glass, Add	16.82	
		For Low-E Insulated Glass, Add	35.04	
		For Obscure Glass, Add	38.55	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	220.09	37.06
		For Colored Vinyl, Add	14.60	
		For Tinted Glass, Add	17.51	
		For Low-E Insulated Glass, Add	36.49	
		For Obscure Glass, Add	40.14	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	225.86	38.27
		For Colored Vinyl, Add	14.98	
		For Tinted Glass, Add	17.98	
		For Low-E Insulated Glass, Add	37.45	
		For Obscure Glass, Add	41.20	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	237.39	39.93
		For Colored Vinyl, Add	15.75	
		For Tinted Glass, Add	18.90	
		For Low-E Insulated Glass, Add	39.38	
		For Obscure Glass, Add	43.32	
08 53 13 00-0452		<b>60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	201.42	33.00
		For Colored Vinyl, Add	13.59	
		For Tinted Glass, Add	16.31	
		For Low-E Insulated Glass, Add	33.98	
		For Obscure Glass, Add	37.37	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800) .....	213.21	35.87
		For Colored Vinyl, Add	14.20	
		For Tinted Glass, Add	17.03	
		For Low-E Insulated Glass, Add	35.49	
		For Obscure Glass, Add	39.04	





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Windows</b>	<b>08 50</b>	
<b>Plastic Windows</b>	<b>08 53</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0455	EA		54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	222.18	37.06
			<i>For Colored Vinyl, Add</i>	14.80	
			<i>For Tinted Glass, Add</i>	17.76	
			<i>For Low-E Insulated Glass, Add</i>	37.01	
			<i>For Obscure Glass, Add</i>	40.71	
08 53 13 00-0456	EA		60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	231.13	38.50
			<i>For Colored Vinyl, Add</i>	15.41	
			<i>For Tinted Glass, Add</i>	18.49	
			<i>For Low-E Insulated Glass, Add</i>	38.53	
			<i>For Obscure Glass, Add</i>	42.38	
08 53 13 00-0457	EA		64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	237.10	39.70
			<i>For Colored Vinyl, Add</i>	15.82	
			<i>For Tinted Glass, Add</i>	18.98	
			<i>For Low-E Insulated Glass, Add</i>	39.55	
			<i>For Obscure Glass, Add</i>	43.50	
08 53 13 00-0458	EA		72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	249.03	41.37
			<i>For Colored Vinyl, Add</i>	16.63	
			<i>For Tinted Glass, Add</i>	19.95	
			<i>For Low-E Insulated Glass, Add</i>	41.57	
			<i>For Obscure Glass, Add</i>	45.73	
<b>08 53 13 00-0459</b>			<b>Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700)</b> <small>(08 53 13 00-0380)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460	EA		Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	206.54	25.11
			<i>For Colored Vinyl, Add</i>	15.63	
			<i>For Tinted Glass, Add</i>	18.76	
			<i>For Low-E Insulated Glass, Add</i>	39.08	
			<i>For Obscure Glass, Add</i>	42.99	
08 53 13 00-0461	EA		>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	227.00	27.50
			<i>For Colored Vinyl, Add</i>	17.20	
			<i>For Tinted Glass, Add</i>	20.64	
			<i>For Low-E Insulated Glass, Add</i>	43.00	
			<i>For Obscure Glass, Add</i>	47.30	
08 53 13 00-0462	EA		>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	246.08	29.89
			<i>For Colored Vinyl, Add</i>	18.63	
			<i>For Tinted Glass, Add</i>	22.35	
			<i>For Low-E Insulated Glass, Add</i>	46.57	
			<i>For Obscure Glass, Add</i>	51.23	
08 53 13 00-0463	EA		>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	259.91	32.28
			<i>For Colored Vinyl, Add</i>	19.53	
			<i>For Tinted Glass, Add</i>	23.44	
			<i>For Low-E Insulated Glass, Add</i>	48.84	
			<i>For Obscure Glass, Add</i>	53.72	
08 53 13 00-0464	EA		>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	274.50	34.68
			<i>For Colored Vinyl, Add</i>	20.52	
			<i>For Tinted Glass, Add</i>	24.62	
			<i>For Low-E Insulated Glass, Add</i>	51.29	
			<i>For Obscure Glass, Add</i>	56.42	
08 53 13 00-0465	EA		>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	297.94	37.06
			<i>For Colored Vinyl, Add</i>	22.38	
			<i>For Tinted Glass, Add</i>	26.86	
			<i>For Low-E Insulated Glass, Add</i>	55.95	
			<i>For Obscure Glass, Add</i>	61.55	
08 53 13 00-0466	UI		>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	2.48	0.31
			<i>For Colored Vinyl, Add</i>	0.19	
			<i>For Tinted Glass, Add</i>	0.22	
			<i>For Low-E Insulated Glass, Add</i>	0.47	
			<i>For Obscure Glass, Add</i>	0.51	
<b>08 53 13 00-0467</b>			<b>Basement Vinyl Windows</b> <small>(08 53 13)</small>		
<b>08 53 13 00-0468</b>			<b>New Construction, Basement Vinyl Windows (Silver Line 5900)</b> <small>(08 53 13 00-0467)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469	EA		32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	121.16	19.13
			<i>For Colored Vinyl, Add</i>	8.29	
			<i>For Tinted Glass, Add</i>	9.95	
			<i>For Low-E Insulated Glass, Add</i>	20.72	
			<i>For Obscure Glass, Add</i>	22.79	
08 53 13 00-0470	EA		32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	130.83	19.13
			<i>For Colored Vinyl, Add</i>	9.26	
			<i>For Tinted Glass, Add</i>	11.11	
			<i>For Low-E Insulated Glass, Add</i>	23.14	
			<i>For Obscure Glass, Add</i>	25.45	
08 53 13 00-0471	EA		32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	136.36	19.13
			<i>For Colored Vinyl, Add</i>	9.81	
			<i>For Tinted Glass, Add</i>	11.77	
			<i>For Low-E Insulated Glass, Add</i>	24.52	
			<i>For Obscure Glass, Add</i>	26.97	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0472			<b>Replacement, Basement Vinyl Windows</b> <small>(08 53 13 00-0467)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA		Up To 47" UI, Replacement, Basement Vinyl Window.....	154.74	18.66
			For Colored Vinyl, Add	11.74	
			For Tinted Glass, Add	14.09	
			For Low-E Insulated Glass, Add	29.36	
			For Obscure Glass, Add	32.29	
08 53 13 00-0474	EA		>47" To 55" UI, Replacement, Basement Vinyl Window.....	172.22	21.52
			For Colored Vinyl, Add	12.92	
			For Tinted Glass, Add	15.50	
			For Low-E Insulated Glass, Add	32.29	
			For Obscure Glass, Add	35.52	
08 53 13 00-0475	UI		>55" UI, Replacement, Basement Vinyl Window.....	2.97	0.31
			For Colored Vinyl, Add	0.24	
			For Tinted Glass, Add	0.28	
			For Low-E Insulated Glass, Add	0.59	
			For Obscure Glass, Add	0.65	
08 53 13 00-0476			<b>Accessories For Vinyl Windows</b> <small>(08 53 13)</small>		
08 53 13 00-0477			<b>Factory Installed Grilles For Vinyl Windows</b> <small>(08 53 13 00-0476)</small>		
08 53 13 00-0478			<b>Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows</b> <small>(08 53 13 00-0477)</small>		
08 53 13 00-0479	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	19.34	
08 53 13 00-0480	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	24.87	
08 53 13 00-0481	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	32.03	
08 53 13 00-0482	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	37.80	
08 53 13 00-0483	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	46.47	
08 53 13 00-0484			<b>Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows</b> <small>(08 53 13 00-0477)</small>		
08 53 13 00-0485	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	43.96	
08 53 13 00-0486	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	52.75	
08 53 13 00-0487	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	66.56	
08 53 13 00-0488	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	82.89	
08 53 13 00-0489	EA		>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	99.22	
08 53 66			<b>Vinyl Window Screens</b> <small>(08 53)</small>		
08 53 66 00-0001			<b>Insect Screens For Vinyl Windows</b> <small>(08 53 66)</small>		
08 53 66 00-0002	EA		Up To 6 SF, Insect Screen For Vinyl Windows.....	20.34	3.89
08 53 66 00-0003	EA		>6 To 9 SF, Insect Screen For Vinyl Windows.....	27.87	3.89
08 53 66 00-0004	EA		>9 To 12 SF, Insect Screen For Vinyl Windows.....	30.39	3.89
08 53 66 00-0005	EA		>12 To 15 SF, Insect Screen For Vinyl Windows.....	35.41	3.89
08 53 66 00-0006	EA		>15 To 20 SF, Insect Screen For Vinyl Windows.....	46.71	3.89
08 53 66 00-0007	EA		>20 To 25 SF, Insect Screen For Vinyl Windows.....	51.74	3.89
08 53 66 00-0008	EA		>25 To 30 SF, Insect Screen For Vinyl Windows.....	59.27	3.89
08 53 66 00-0009	EA		>30 To 35 SF, Insect Screen For Vinyl Windows.....	64.30	3.89
08 53 66 00-0010	SF		>35 SF, Insect Screen For Vinyl Windows.....	1.95	0.08
08 56			<b>Special Function Windows</b> <small>(08 50)</small>		
08 56 19			<b>Pass Windows</b> <small>(08 56)</small>		
08 56 19 00-0001			<b>Bullet Resistant Pass Through Service Window, Steel Frame</b> <small>(08 56 19)</small>		
08 56 19 00-0002	EA		24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	2,235.42	415.09
			For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	45.00	
			For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	295.00	
08 56 19 00-0003	EA		30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	2,445.44	449.69
			For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	60.00	
			For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	370.00	
08 56 19 00-0004	EA		36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	2,579.05	484.28
			For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	70.00	
			For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	445.00	
08 56 19 00-0005	EA		48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	3,208.99	553.45
			For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	100.00	
			For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	650.00	
08 56 19 00-0006	EA		72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	4,385.16	830.19
			For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	150.00	
			For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	975.00	
08 56 56			<b>Security Window Screens</b> <small>(08 56)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Special Function Windows	08 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

<b>08 56 56 00-0001</b>	<b>Wire Mesh Security Screen</b> (08 56 56)		
<b>08 56 56 00-0002</b>	<b>Wire Mesh, Inoperable, Security Window Screen</b> (08 56 56 00-0001)		
08 56 56 00-0003	SF 13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	12.87	3.11
	For Painted Steel, Add	0.87	
	For Galvanized Steel, Add	1.74	
	For Aluminum, Add	3.49	
	For Stainless Steel, Add	15.26	
08 56 56 00-0004	SF 11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	13.12	3.11
	For Painted Steel, Add	0.90	
	For Galvanized Steel, Add	1.79	
	For Aluminum, Add	3.59	
	For Stainless Steel, Add	15.70	
08 56 56 00-0005	SF 9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	14.27	3.11
	For Painted Steel, Add	1.01	
	For Galvanized Steel, Add	2.02	
	For Aluminum, Add	4.05	
	For Stainless Steel, Add	17.71	
08 56 56 00-0006	SF 6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	16.73	3.11
	For Painted Steel, Add	1.26	
	For Galvanized Steel, Add	2.52	
	For Aluminum, Add	5.03	
	For Stainless Steel, Add	22.02	
<b>08 56 56 00-0007</b>	<b>Wire Mesh, Operable, Security Window Screen</b> (08 56 56 00-0001)		
08 56 56 00-0008	SF 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	17.95	3.80
	For Painted Steel, Add	1.24	
	For Galvanized Steel, Add	2.48	
	For Aluminum, Add	4.97	
	For Stainless Steel, Add	21.74	
08 56 56 00-0009	SF 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	18.33	3.80
	For Painted Steel, Add	1.28	
	For Galvanized Steel, Add	2.56	
	For Aluminum, Add	5.12	
	For Stainless Steel, Add	22.40	
08 56 56 00-0010	SF 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	19.98	3.80
	For Painted Steel, Add	1.45	
	For Galvanized Steel, Add	2.89	
	For Aluminum, Add	5.78	
	For Stainless Steel, Add	25.29	
08 56 56 00-0011	SF 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	23.43	3.80
	For Painted Steel, Add	1.79	
	For Galvanized Steel, Add	3.58	
	For Aluminum, Add	7.16	
	For Stainless Steel, Add	31.33	
<b>08 56 56 00-0012</b>	<b>Wire Cloth Security Screen</b> (08 56 56)		
	Note: Wire cloth has from 10 to 12 strands per 1".		
<b>08 56 56 00-0013</b>	<b>Wire Cloth, Inoperable, Security Window Screens</b> (08 56 56 00-0012)		
08 56 56 00-0014	SF 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	8.66	2.08
	For Painted Steel, Add	0.26	
	For Galvanized Steel, Add	0.78	
	For Aluminum, Add	1.56	
	For Stainless Steel, Add	6.50	
08 56 56 00-0015	SF 22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	9.01	2.08
	For Painted Steel, Add	0.28	
	For Galvanized Steel, Add	0.83	
	For Aluminum, Add	1.67	
	For Stainless Steel, Add	6.94	
08 56 56 00-0016	SF 20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	9.56	2.08
	For Painted Steel, Add	0.31	
	For Galvanized Steel, Add	0.92	
	For Aluminum, Add	1.83	
	For Stainless Steel, Add	7.63	
08 56 56 00-0017	SF 18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	10.61	2.08
	For Painted Steel, Add	0.36	
	For Galvanized Steel, Add	1.07	
	For Aluminum, Add	2.15	
	For Stainless Steel, Add	8.94	
<b>08 56 56 00-0018</b>	<b>Wire Cloth, Operable, Security Window Screens</b> (08 56 56 00-0012)		
08 56 56 00-0019	SF 24 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	11.56	2.76
	For Painted Steel, Add	0.37	
	For Galvanized Steel, Add	1.11	
	For Aluminum, Add	2.22	
	For Stainless Steel, Add	9.26	

**08 Openings****08 50 Windows**

08 56 Special Function Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0020	SF		22 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	12.10	2.76
			<i>For Painted Steel, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.19	
			<i>For Aluminum, Add</i>	2.39	
			<i>For Stainless Steel, Add</i>	9.94	
08 56 56 00-0021	SF		20 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	12.85	2.76
			<i>For Painted Steel, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.31	
			<i>For Aluminum, Add</i>	2.61	
			<i>For Stainless Steel, Add</i>	10.88	
08 56 56 00-0022	SF		18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	14.35	2.76
			<i>For Painted Steel, Add</i>	0.51	
			<i>For Galvanized Steel, Add</i>	1.53	
			<i>For Aluminum, Add</i>	3.06	
			<i>For Stainless Steel, Add</i>	12.75	
<b>08 56 56 00-0023</b>			<b>Expanded Metal Security Screen</b> <small>(08 56 56)</small>		
			Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
<b>08 56 56 00-0024</b>			<b>Expanded Metal, Inoperable, Security Screen</b> <small>(08 56 56 00-0023)</small>		
08 56 56 00-0025	SF		1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen.....	16.38	5.19
			<i>For Painted Steel, Add</i>	0.51	
			<i>For Galvanized Steel, Add</i>	1.52	
			<i>For Aluminum, Add</i>	3.05	
			<i>For Stainless Steel, Add</i>	12.69	
08 56 56 00-0026	SF		1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	19.21	6.23
			<i>For Painted Steel, Add</i>	0.58	
			<i>For Galvanized Steel, Add</i>	1.74	
			<i>For Aluminum, Add</i>	3.48	
			<i>For Stainless Steel, Add</i>	14.50	
08 56 56 00-0027	SF		3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	21.64	7.61
			<i>For Painted Steel, Add</i>	0.63	
			<i>For Galvanized Steel, Add</i>	1.90	
			<i>For Aluminum, Add</i>	3.80	
			<i>For Stainless Steel, Add</i>	15.81	
08 56 56 00-0028	SF		3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen.....	25.52	8.99
			<i>For Painted Steel, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.17	
			<i>For Aluminum, Add</i>	4.34	
			<i>For Stainless Steel, Add</i>	18.06	
08 56 56 00-0029	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen .....	23.77	8.65
			<i>For Painted Steel, Add</i>	0.67	
			<i>For Galvanized Steel, Add</i>	2.01	
			<i>For Aluminum, Add</i>	4.02	
			<i>For Stainless Steel, Add</i>	16.75	
08 56 56 00-0030	SF		3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen .....	30.00	11.07
			<i>For Painted Steel, Add</i>	0.84	
			<i>For Galvanized Steel, Add</i>	2.53	
			<i>For Aluminum, Add</i>	5.06	
			<i>For Stainless Steel, Add</i>	21.06	
<b>08 56 56 00-0031</b>			<b>Expanded Metal, Operable, Security Screen</b> <small>(08 56 56 00-0023)</small>		
08 56 56 00-0032	SF		1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen.....	22.06	6.23
			<i>For Painted Steel, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.17	
			<i>For Aluminum, Add</i>	4.34	
			<i>For Stainless Steel, Add</i>	18.06	
08 56 56 00-0033	SF		1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	25.54	7.61
			<i>For Painted Steel, Add</i>	0.83	
			<i>For Galvanized Steel, Add</i>	2.48	
			<i>For Aluminum, Add</i>	4.97	
			<i>For Stainless Steel, Add</i>	20.69	
08 56 56 00-0034	SF		3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	28.42	8.65
			<i>For Painted Steel, Add</i>	0.90	
			<i>For Galvanized Steel, Add</i>	2.71	
			<i>For Aluminum, Add</i>	5.42	
			<i>For Stainless Steel, Add</i>	22.56	
08 56 56 00-0035	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen.....	30.86	9.69
			<i>For Painted Steel, Add</i>	0.96	
			<i>For Galvanized Steel, Add</i>	2.87	
			<i>For Aluminum, Add</i>	5.73	
			<i>For Stainless Steel, Add</i>	23.88	
08 56 56 00-0036	SF		3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	33.74	11.07
			<i>For Painted Steel, Add</i>	1.03	
			<i>For Galvanized Steel, Add</i>	3.09	
			<i>For Aluminum, Add</i>	6.18	
			<i>For Stainless Steel, Add</i>	25.74	
08 56 56 00-0037	SF		3 LB/SF Expanded Metal, Operable, Steel Security Window Screen .....	38.53	12.11
			<i>For Painted Steel, Add</i>	1.20	
			<i>For Galvanized Steel, Add</i>	3.60	
			<i>For Aluminum, Add</i>	7.20	
			<i>For Stainless Steel, Add</i>	30.00	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Special Function Windows	08 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 56 56 00-0038</b> Perforated Metal Security Screen <small>(08 56 56)</small>		
<b>08 56 56 00-0039</b> Perforated Metal, Inoperable, Steel Security Window Screen <small>(08 56 56 00-0038)</small>		
08 56 56 00-0040 SF 22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	14.25	3.11
For Painted Steel, Add	0.51	
For Galvanized Steel, Add	1.52	
For Aluminum, Add	3.03	
For Stainless Steel, Add	10.10	
08 56 56 00-0041 SF 20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	14.65	3.11
For Painted Steel, Add	0.53	
For Galvanized Steel, Add	1.58	
For Aluminum, Add	3.15	
For Stainless Steel, Add	10.50	
08 56 56 00-0042 SF 18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	16.00	3.11
For Painted Steel, Add	0.59	
For Galvanized Steel, Add	1.78	
For Aluminum, Add	3.56	
For Stainless Steel, Add	11.85	
08 56 56 00-0043 SF 16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	18.55	3.11
For Painted Steel, Add	0.72	
For Galvanized Steel, Add	2.16	
For Aluminum, Add	4.32	
For Stainless Steel, Add	14.40	
<b>08 56 56 00-0044</b> Perforated Metal, Operable, Steel Security Window Screen <small>(08 56 56 00-0038)</small>		
08 56 56 00-0045 SF 22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	19.88	3.80
For Painted Steel, Add	0.72	
For Galvanized Steel, Add	2.15	
For Aluminum, Add	4.31	
For Stainless Steel, Add	14.35	
08 56 56 00-0046 SF 20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	20.58	3.80
For Painted Steel, Add	0.75	
For Galvanized Steel, Add	2.26	
For Aluminum, Add	4.52	
For Stainless Steel, Add	15.05	
08 56 56 00-0047 SF 18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	22.33	3.80
For Painted Steel, Add	0.84	
For Galvanized Steel, Add	2.52	
For Aluminum, Add	5.04	
For Stainless Steel, Add	16.80	
08 56 56 00-0048 SF 16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	25.98	3.80
For Painted Steel, Add	1.02	
For Galvanized Steel, Add	3.07	
For Aluminum, Add	6.14	
For Stainless Steel, Add	20.45	
<b>08 56 56 00-0049</b> Remove And Reinstall Security Screens And Guards <small>(08 56 56)</small>		
08 56 56 00-0050 SF Remove And Reinstall Security Screens .....	8.71	
<b>08 56 59 Service And Teller Window Units</b> <small>(08 56)</small>		
<b>08 56 59 00-0001</b> Communicator For Window <small>(08 56 59)</small>		
08 56 59 00-0002 EA Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350).....	1,366.54	138.36
Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.		
08 56 59 00-0003 EA Electronic Two-Way Audio Communicator (Haven SC-300).....	1,195.85	138.36
Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.		
<b>08 60 Roof Windows And Skylights</b> <small>(08)</small>		
Note: Includes hardware, caulk, sealant and necessary anchors.		
<b>08 63 Metal-Framed Skylights</b> <small>(08 60)</small>		
08 63 00 00-0001 Aluminum Framed Skylights <small>(08 63)</small>		
08 63 00 00-0002 Fixed Dome, Aluminum Framed Skylights <small>(08 63 00 00-0001)</small>		
08 63 00 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 00 00-0002)</small>		
08 63 00 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 00 00-0003)</small>		
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		

**08 Openings****08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0005	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	220.92	48.96
08 63 00 00-0006	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	255.92	48.96
08 63 00 00-0007	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	351.16	55.08
08 63 00 00-0008	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	397.40	61.20
08 63 00 00-0009	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	273.92	48.96
08 63 00 00-0010	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	338.16	55.08
08 63 00 00-0011	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	360.16	55.08
08 63 00 00-0012	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	415.40	61.20
08 63 00 00-0013	EA		39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	485.64	67.32
08 63 00 00-0014	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	342.16	55.08
08 63 00 00-0015	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	378.40	61.20
08 63 00 00-0016	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	420.40	61.20
08 63 00 00-0017	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	462.64	67.32
08 63 00 00-0018	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	512.88	73.44
08 63 00 00-0019	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	578.12	79.56
08 63 00 00-0020	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	408.40	61.20
08 63 00 00-0021	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	449.64	67.32
08 63 00 00-0022	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	513.88	73.44
08 63 00 00-0023	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	539.88	73.44
08 63 00 00-0024	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	625.12	79.56
08 63 00 00-0025			<b>Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0003)</small>		
			Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0026	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	270.92	48.96
08 63 00 00-0027	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	304.92	48.96
08 63 00 00-0028	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	390.16	55.08
08 63 00 00-0029	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	437.40	61.20
08 63 00 00-0030	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	309.92	48.96
08 63 00 00-0031	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	366.16	55.08
08 63 00 00-0032	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	390.16	55.08
08 63 00 00-0033	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	449.40	61.20
08 63 00 00-0034	EA		39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	505.64	67.32
08 63 00 00-0035	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	370.16	55.08
08 63 00 00-0036	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	410.40	61.20
08 63 00 00-0037	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	437.40	61.20
08 63 00 00-0038	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	481.64	67.32
08 63 00 00-0039	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	522.88	73.44
08 63 00 00-0040	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	589.12	79.56
08 63 00 00-0041	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	441.40	61.20
08 63 00 00-0042	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	485.64	67.32
08 63 00 00-0043	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	534.88	73.44
08 63 00 00-0044	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	562.88	73.44



<b>Openings</b>	<b>08</b>
<b>Roof Windows And Skylights</b>	<b>08 60</b>
<b>Metal-Framed Skylights</b>	<b>08 63</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0045	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	640.12	79.56
<b>08 63 00 00-0046</b>			<b>High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0003)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0047	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	274.92	48.96
08 63 00 00-0048	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	312.92	48.96
08 63 00 00-0049	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	401.16	55.08
08 63 00 00-0050	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	319.92	48.96
08 63 00 00-0051	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	380.16	55.08
08 63 00 00-0052	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	401.16	55.08
08 63 00 00-0053	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	461.40	61.20
08 63 00 00-0054	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	379.16	55.08
08 63 00 00-0055	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	418.40	61.20
08 63 00 00-0056	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	450.40	61.20
08 63 00 00-0057	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	494.64	67.32
08 63 00 00-0058	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	538.88	73.44
08 63 00 00-0059	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	453.40	61.20
08 63 00 00-0060	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	501.64	67.32
08 63 00 00-0061	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	550.88	73.44
08 63 00 00-0062	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	578.88	73.44
<b>08 63 00 00-0063</b>			<b>FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0003)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0064	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	281.92	48.96
08 63 00 00-0065	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	323.92	48.96
08 63 00 00-0066	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	411.16	55.08
08 63 00 00-0067	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	473.40	61.20
08 63 00 00-0068	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	329.92	48.96
08 63 00 00-0069	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	389.16	55.08
08 63 00 00-0070	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	411.16	55.08
08 63 00 00-0071	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	476.40	61.20
08 63 00 00-0072	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	390.16	55.08
08 63 00 00-0073	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	429.40	61.20
08 63 00 00-0074	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	464.40	61.20
08 63 00 00-0075	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	509.64	67.32
08 63 00 00-0076	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	554.88	73.44
08 63 00 00-0077	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	468.40	61.20
08 63 00 00-0078	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	516.64	67.32
08 63 00 00-0079	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	566.88	73.44
08 63 00 00-0080	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	596.88	73.44

**08 Openings****08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

ARLINGTON  
VIRGINIA

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 63 00 00-0081		<b>Curb Top Inserts</b> (08 63 00 00-0003) Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.			
08 63 00 00-0082		<b>Single Glazed, Aluminum Framed Curb Top Inserts</b> (08 63 00 00-0081)			
08 63 00 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	84.96		24.48
08 63 00 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	120.08		27.54
08 63 00 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	205.44		36.72
08 63 00 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	190.32		33.67
08 63 00 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	233.44		36.72
08 63 00 00-0088		<b>Double Glazed, Aluminum Framed Curb Top Inserts</b> (08 63 00 00-0081)			
08 63 00 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	125.96		24.48
08 63 00 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	199.08		27.54
08 63 00 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	348.44		36.72
08 63 00 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	342.32		33.67
08 63 00 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	431.44		36.72
08 63 00 00-0094		<b>Triple Glazed, Aluminum Framed Curb Top Inserts</b> (08 63 00 00-0081)			
08 63 00 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	165.96		24.48
08 63 00 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	274.08		27.54
08 63 00 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	524.44		36.72
08 63 00 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	484.32		33.67
08 63 00 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	615.44		36.72
08 63 00 00-0100		<b>Pyramid Style Fixed Dome, Aluminum Framed Skylights</b> (08 63 00 00-0002)			
08 63 00 00-0101		<b>Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight</b> (08 63 00 00-0100) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.			
08 63 00 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	202.92		48.96
08 63 00 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	245.92		48.96
08 63 00 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	314.16		55.08
08 63 00 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	397.40		61.20
08 63 00 00-0106		<b>Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight</b> (08 63 00 00-0100) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.			
08 63 00 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	280.92		48.96
08 63 00 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	325.92		48.96
08 63 00 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	387.16		55.08
08 63 00 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	464.40		61.20
08 63 00 00-0111		<b>Double Hip Style Fixed Dome, Aluminum Framed Skylights</b> (08 63 00 00-0002)			
08 63 00 00-0112		<b>Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> (08 63 00 00-0111) Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.			
08 63 00 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	239.92		48.96
08 63 00 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	321.16		55.08
08 63 00 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	381.40		61.20
08 63 00 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	300.16		55.08
08 63 00 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	321.16		55.08
08 63 00 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	393.40		61.20
08 63 00 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	464.64		67.32
08 63 00 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	351.40		61.20





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Roof Windows And Skylights</b>	<b>08 60</b>	
<b>Metal-Framed Skylights</b>	<b>08 63</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	381.40	61.20
08 63 00 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	426.64	67.32
08 63 00 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	468.88	73.44
08 63 00 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	556.12	79.56
08 63 00 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	438.64	67.32
08 63 00 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	498.88	73.44
08 63 00 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	529.88	73.44
08 63 00 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	614.12	79.56
<b>08 63 00 00-0129</b>		<b>Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 00 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	273.92	48.96
08 63 00 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	309.92	48.96
08 63 00 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	395.16	55.08
08 63 00 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	316.92	48.96
08 63 00 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	355.16	55.08
08 63 00 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	374.16	55.08
08 63 00 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	395.16	55.08
08 63 00 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	456.40	61.20
08 63 00 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	375.16	55.08
08 63 00 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	414.40	61.20
08 63 00 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	444.40	61.20
08 63 00 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	487.64	67.32
08 63 00 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	530.88	73.44
08 63 00 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	446.40	61.20
08 63 00 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	494.64	67.32
08 63 00 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	542.88	73.44
08 63 00 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	569.88	73.44
<b>08 63 00 00-0147</b>		<b>Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 00 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	306.92	48.96
08 63 00 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	408.16	55.08
08 63 00 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	385.16	55.08
08 63 00 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	408.16	55.08
08 63 00 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	472.40	61.20
08 63 00 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	426.40	61.20
08 63 00 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	459.40	61.20
08 63 00 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	505.64	67.32
08 63 00 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	546.88	73.44
08 63 00 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	512.64	67.32

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 60</b>	<b>Roof Windows And Skylights</b>
	<b>08 63</b>	<b>Metal-Framed Skylights</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0158	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	562.88	73.44
08 63 00 00-0159	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	591.88	73.44
08 63 00 00-0160			<b>Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0001)</small>		
08 63 00 00-0161			<b>Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0160)</small> Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 00 00-0162			<b>Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0161)</small>		
08 63 00 00-0163			<b>10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0162)</small>		
08 63 00 00-0164	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,314.88	73.44
08 63 00 00-0165	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,223.88	73.44
08 63 00 00-0166	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,381.88	73.44
08 63 00 00-0167			<b>25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0162)</small>		
08 63 00 00-0168	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,713.88	73.44
08 63 00 00-0169	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,626.88	73.44
08 63 00 00-0170	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,804.88	73.44
08 63 00 00-0171			<b>30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0162)</small>		
08 63 00 00-0172	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,828.88	73.44
08 63 00 00-0173	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,739.88	73.44
08 63 00 00-0174	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,917.88	73.44
08 63 00 00-0175			<b>Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0161)</small>		
08 63 00 00-0176			<b>10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0175)</small>		
08 63 00 00-0177	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,320.88	73.44
08 63 00 00-0178	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,229.88	73.44
08 63 00 00-0179	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,390.88	73.44
08 63 00 00-0180			<b>25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0175)</small>		
08 63 00 00-0181	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,721.88	73.44
08 63 00 00-0182	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,632.88	73.44
08 63 00 00-0183	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,814.88	73.44
08 63 00 00-0184			<b>30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 00 00-0175)</small>		
08 63 00 00-0185	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,834.88	73.44
08 63 00 00-0186	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,745.88	73.44
08 63 00 00-0187	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	1,927.88	73.44



<b>Openings</b>	<b>08</b>	<b>08</b>
Roof Windows And Skylights	08 60	
Metal-Framed Skylights	08 63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0188 Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0001)</small> Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.		
08 63 00 00-0189 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0188)</small>		
08 63 00 00-0190 EA 2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	626.84	97.92
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	479.58	
08 63 00 00-0191 EA 3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	661.74	100.37
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	480.07	
08 63 00 00-0192 EA 4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	695.64	102.81
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	480.56	
08 63 00 00-0193 EA 5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	743.53	105.27
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	481.05	
08 63 00 00-0194 EA 6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	785.42	107.72
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	481.54	
08 63 00 00-0195 EA 7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	819.33	110.16
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	482.03	
08 63 00 00-0196 EA 8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	853.22	112.61
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	482.52	
08 63 00 00-0197 EA 9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	909.11	115.06
For Class 3 Hail Rated, Add	4.00	
For Polycarbonate Diffuser Lens, Add	7.00	
For High Velocity Hurricane Zone Rated, Add	14.00	
For FM Approved, Add	20.00	
For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	49.00	
For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	69.00	
For Single Blade Louver, Add	483.01	

**08 Openings****08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0198	EA		10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	943.01	117.50
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	483.50	
08 63 00 00-0199	EA		11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	977.91	119.95
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	483.99	
08 63 00 00-0200	EA		12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,011.80	122.40
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	484.48	
08 63 00 00-0201	EA		13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,067.70	124.85
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	484.97	
08 63 00 00-0202	EA		14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,101.59	127.30
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	485.46	
08 63 00 00-0203	EA		15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,135.49	129.75
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	485.95	
08 63 00 00-0204	EA		16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,169.39	132.19
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	486.44	
08 63 00 00-0205			<b>31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights</b> <small>(08 63 00 00-0198)</small>		
08 63 00 00-0206	EA		2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	761.84	97.92
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	479.58	
08 63 00 00-0207	EA		3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	809.74	100.37
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	480.07	



<b>Openings</b>	<b>08</b>	<b>08</b>
Roof Windows And Skylights	08 60	
Metal-Framed Skylights	08 63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0208	EA		4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	857.64	102.81
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	480.56	
08 63 00 00-0209	EA		5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	905.53	105.27
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	481.05	
08 63 00 00-0210	EA		6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	983.42	107.72
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	481.54	
08 63 00 00-0211	EA		7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,031.33	110.16
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	482.03	
08 63 00 00-0212	EA		8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,079.22	112.61
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	482.52	
08 63 00 00-0213	EA		9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,157.11	115.06
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	483.01	
08 63 00 00-0214	EA		10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,205.01	117.50
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	483.50	
08 63 00 00-0215	EA		11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,252.91	119.95
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	483.99	
08 63 00 00-0216	EA		12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,300.80	122.40
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	484.48	

**08 Openings****08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0217	EA		13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,378.70	124.85
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	484.97	
08 63 00 00-0218	EA		14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,426.59	127.30
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	485.46	
08 63 00 00-0219	EA		15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,474.49	129.75
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	485.95	
08 63 00 00-0220	EA		16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,522.39	132.19
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	486.44	
08 63 00 00-0221			<b>55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights</b> <small>(08 63 00 00-0188)</small>		
08 63 00 00-0222	EA		2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,019.33	110.16
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	482.03	
08 63 00 00-0223	EA		3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,086.22	112.61
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	482.52	
08 63 00 00-0224	EA		4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,154.11	115.06
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	483.01	
08 63 00 00-0225	EA		5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,221.01	117.50
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	483.50	
08 63 00 00-0226	EA		6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,327.91	119.95
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	483.99	



<b>Openings</b>	<b>08</b>	<b>08</b>
Roof Windows And Skylights	08 60	
Metal-Framed Skylights	08 63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0227	EA		7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,394.80	122.40
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	484.48	
08 63 00 00-0228	EA		8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,461.70	124.85
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	484.97	
08 63 00 00-0229	EA		9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,569.59	127.30
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	485.46	
08 63 00 00-0230	EA		10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,636.49	129.75
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	485.95	
08 63 00 00-0231	EA		11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,703.39	132.19
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	486.44	
08 63 00 00-0232	EA		12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,770.28	134.64
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	486.93	
08 63 00 00-0233	EA		13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,877.17	137.09
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	487.42	
08 63 00 00-0234	EA		14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,944.08	139.53
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	487.91	
08 63 00 00-0235	EA		15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,011.97	141.98
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	488.40	

**08 Openings****08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0236	EA		16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,078.87	144.44
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	488.89	

**08 65 Wood-Framed Skylights** (08 60)**08 65 00 00-0001 Wood-Framed Skylights (Andersen 400 Series)** (08 65)

08 65 00 00-0002	EA		16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	285.57	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	41.50	
			<i>For Aluminum Shingle Flashing, Add</i>	33.20	
08 65 00 00-0003	EA		16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	292.34	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	43.19	
			<i>For Aluminum Shingle Flashing, Add</i>	34.55	
08 65 00 00-0004	EA		24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	276.25	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	39.17	
			<i>For Aluminum Shingle Flashing, Add</i>	31.34	
08 65 00 00-0005	EA		24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	297.42	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	44.46	
			<i>For Aluminum Shingle Flashing, Add</i>	35.57	
08 65 00 00-0006	EA		24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	315.21	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	48.91	
			<i>For Aluminum Shingle Flashing, Add</i>	39.13	
08 65 00 00-0007	EA		24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	344.01	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	56.11	
			<i>For Aluminum Shingle Flashing, Add</i>	44.89	
08 65 00 00-0008	EA		24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	380.42	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	65.21	
			<i>For Aluminum Shingle Flashing, Add</i>	52.17	
08 65 00 00-0009	EA		27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	276.25	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	39.17	
			<i>For Aluminum Shingle Flashing, Add</i>	31.34	
08 65 00 00-0010	EA		28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	319.44	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	49.97	
			<i>For Aluminum Shingle Flashing, Add</i>	39.97	
08 65 00 00-0011	EA		28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	344.01	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	56.11	
			<i>For Aluminum Shingle Flashing, Add</i>	44.89	
08 65 00 00-0012	EA		28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	371.95	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	63.10	
			<i>For Aluminum Shingle Flashing, Add</i>	50.48	
08 65 00 00-0013	EA		28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	409.22	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	72.41	
			<i>For Aluminum Shingle Flashing, Add</i>	57.93	
08 65 00 00-0014	EA		38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	285.57	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	41.50	
			<i>For Aluminum Shingle Flashing, Add</i>	33.20	
08 65 00 00-0015	EA		38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	297.42	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	44.46	
			<i>For Aluminum Shingle Flashing, Add</i>	35.57	
08 65 00 00-0016	EA		38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	319.44	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	49.97	
			<i>For Aluminum Shingle Flashing, Add</i>	39.97	
08 65 00 00-0017	EA		44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	397.36	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	69.45	
			<i>For Aluminum Shingle Flashing, Add</i>	55.56	
08 65 00 00-0018	EA		46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	292.34	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	43.19	
			<i>For Aluminum Shingle Flashing, Add</i>	34.55	
08 65 00 00-0019	EA		46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	315.21	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	48.91	
			<i>For Aluminum Shingle Flashing, Add</i>	39.13	
08 65 00 00-0020	EA		46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	344.01	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	56.11	
			<i>For Aluminum Shingle Flashing, Add</i>	44.89	
08 65 00 00-0021	EA		46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series).....	397.36	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	69.45	
			<i>For Aluminum Shingle Flashing, Add</i>	55.56	
08 65 00 00-0022	EA		57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	344.01	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	56.11	
			<i>For Aluminum Shingle Flashing, Add</i>	44.89	
08 65 00 00-0023	EA		57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	371.95	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	63.10	
			<i>For Aluminum Shingle Flashing, Add</i>	50.48	
08 65 00 00-0024	EA		72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	380.42	59.79
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	65.21	
			<i>For Aluminum Shingle Flashing, Add</i>	52.17	





<b>Openings</b>	<b>08</b>	<b>08</b>
Roof Windows And Skylights	08 60	
Wood-Framed Skylights	08 65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 65 00 00-0025	EA 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	409.22 72.41 57.93	59.79
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08 70 Hardware (08)

08 71 Door Hardware (08 70)

**08 71 16 Door Hardware (08 71)**

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted.

08 71 16 00-0001	Hinges (08 71 16) Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs.		
08 71 16 00-0002	Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0001) Note: US26D (BHMA 626) satin chrome finish.		
08 71 16 00-0003	Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0004	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	45.60 3.91 6.00	3.35
08 71 16 00-0005	PR 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	50.17 4.35 6.00	4.78
08 71 16 00-0006	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	53.29 3.63 6.00	5.26
08 71 16 00-0007	Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0008	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	53.83 5.01 6.00	3.35
08 71 16 00-0009	PR 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	59.70 5.01 6.00	4.78
08 71 16 00-0010	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	58.94 4.43 6.00	5.26
08 71 16 00-0011	PR 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	68.88 5.18 6.00	6.22
08 71 16 00-0012	PR 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	69.44 5.26 6.00	6.22
08 71 16 00-0013	PR 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	75.88 6.16 6.00	7.99
08 71 16 00-0014	Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0015	PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....	62.45	3.35
08 71 16 00-0016	PR 4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	68.32	4.78
08 71 16 00-0017	PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....	68.32	5.26
08 71 16 00-0018	PR 5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	79.22	6.22
08 71 16 00-0019	Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0020	PR 4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	128.19 14.12 6.00	5.26
08 71 16 00-0021	PR 5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	143.82 15.67 6.00	6.22
08 71 16 00-0022	PR 5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	75.06 6.05 6.00	6.22
08 71 16 00-0023	Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and surface applied to the face of the frame.		

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0024	PR		4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	115.29	5.26
			<i>For Clear Coated Bright Brass, Add</i>	12.31	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0025	PR		5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....	136.28	6.22
			<i>For Clear Coated Bright Brass, Add</i>	14.62	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0026</b>			<b>Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge</b> <small>(08 71 16 00-0002)</small>		
			Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0027	PR		4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	77.27	5.26
			<i>For Clear Coated Bright Brass, Add</i>	6.99	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0028	PR		5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....	89.14	7.99
			<i>For Clear Coated Bright Brass, Add</i>	8.02	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0029</b>			<b>Mortised, Wrought Steel Hinges</b> <small>(08 71 16 00-0001)</small>		
			Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
<b>08 71 16 00-0030</b>			<b>Full Mortise, Plain Bearing, Wrought Steel Hinges</b> <small>(08 71 16 00-0029)</small>		
			Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0031	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	23.97	3.35
			<i>For Primed For Paint Finish, Deduct</i>	-1.18	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.74	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.71	
			<i>For Stainless Steel, Add</i>	3.26	
			<i>For Heavy Duty, Add</i>	0.89	
			<i>For Extra Heavy Duty, Add</i>	2.37	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0032	PR		4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge .....	30.45	4.78
			<i>For Primed For Paint Finish, Deduct</i>	-1.31	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.82	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.78	
			<i>For Stainless Steel, Add</i>	3.59	
			<i>For Heavy Duty, Add</i>	0.98	
			<i>For Extra Heavy Duty, Add</i>	2.61	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0033	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	35.29	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-1.59	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.00	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.96	
			<i>For Stainless Steel, Add</i>	4.38	
			<i>For Heavy Duty, Add</i>	1.19	
			<i>For Extra Heavy Duty, Add</i>	3.18	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0034</b>			<b>Full Mortise, Ball Bearing, Wrought Steel Hinges</b> <small>(08 71 16 00-0029)</small>		
			Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0035	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	39.62	3.35
			<i>For Primed For Paint Finish, Deduct</i>	-4.31	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	2.70	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.59	
			<i>For Stainless Steel, Add</i>	11.86	
			<i>For Heavy Duty, Add</i>	3.24	
			<i>For Extra Heavy Duty, Add</i>	8.63	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0036	PR		4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge .....	48.34	4.78
			<i>For Primed For Paint Finish, Deduct</i>	-4.88	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	3.05	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.93	
			<i>For Stainless Steel, Add</i>	13.43	
			<i>For Heavy Duty, Add</i>	3.66	
			<i>For Extra Heavy Duty, Add</i>	9.77	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0037	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	41.98	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-2.93	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.83	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.76	
			<i>For Stainless Steel, Add</i>	8.06	
			<i>For Heavy Duty, Add</i>	2.20	
			<i>For Extra Heavy Duty, Add</i>	5.86	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0038	PR		5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	67.59	6.22
			<i>For Primed For Paint Finish, Deduct</i>	-7.14	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.46	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.29	
			<i>For Stainless Steel, Add</i>	19.64	
			<i>For Heavy Duty, Add</i>	5.36	
			<i>For Extra Heavy Duty, Add</i>	14.28	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0039	PR		5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	72.63	6.22
			<i>For Primed For Paint Finish, Deduct</i>	-8.15	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.09	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.89	
			<i>For Stainless Steel, Add</i>	22.41	
			<i>For Heavy Duty, Add</i>	6.11	
			<i>For Extra Heavy Duty, Add</i>	16.30	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0040	PR		6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	87.99	6.22
			<i>For Primed For Paint Finish, Deduct</i>	-11.22	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	7.01	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-6.73	
			<i>For Stainless Steel, Add</i>	30.86	
			<i>For Heavy Duty, Add</i>	8.42	
			<i>For Extra Heavy Duty, Add</i>	22.44	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0041</b>			<b>Half Surface, Plain Bearing, Wrought Steel Hinges</b> (08 71 16 00-0029)		
			Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0042	PR		3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	48.66	3.35
			<i>For Primed For Paint Finish, Deduct</i>	-6.12	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	3.83	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-3.67	
			<i>For Stainless Steel, Add</i>	16.84	
			<i>For Heavy Duty, Add</i>	4.59	
			<i>For Extra Heavy Duty, Add</i>	12.24	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0043	PR		4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	58.61	4.78
			<i>For Primed For Paint Finish, Deduct</i>	-6.94	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.34	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.16	
			<i>For Stainless Steel, Add</i>	19.08	
			<i>For Heavy Duty, Add</i>	5.20	
			<i>For Extra Heavy Duty, Add</i>	13.88	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0044	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	66.10	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-7.75	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.85	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.65	
			<i>For Stainless Steel, Add</i>	21.32	
			<i>For Heavy Duty, Add</i>	5.82	
			<i>For Extra Heavy Duty, Add</i>	15.51	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0045	PR		5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	74.73	6.22
			<i>For Primed For Paint Finish, Deduct</i>	-8.57	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.36	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.14	
			<i>For Stainless Steel, Add</i>	23.57	
			<i>For Heavy Duty, Add</i>	6.43	
			<i>For Extra Heavy Duty, Add</i>	17.14	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0046</b>			<b>Half Surface, Ball Bearing, Wrought Steel Hinges</b> (08 71 16 00-0029)		
			Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0047	PR		4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	67.79	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-8.77	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.48	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.26	
			<i>For Stainless Steel, Add</i>	24.13	
			<i>For Heavy Duty, Add</i>	6.58	
			<i>For Extra Heavy Duty, Add</i>	17.55	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0048	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	75.87	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-9.71	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	6.07	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.82	
			<i>For Stainless Steel, Add</i>	26.70	
			<i>For Heavy Duty, Add</i>	7.28	
			<i>For Extra Heavy Duty, Add</i>	19.42	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0049	PR		5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	87.99	6.22
			<i>For Primed For Paint Finish, Deduct</i>	-11.22	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	7.01	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-6.73	
			<i>For Stainless Steel, Add</i>	30.86	
			<i>For Heavy Duty, Add</i>	8.42	
			<i>For Extra Heavy Duty, Add</i>	22.44	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0050</b>			<b>Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges</b> (08 71 16 00-0029)		
			Note: Both leaves slide into a cavity prepared in the door and door frame.		

**08 Openings****08 70 Hardware**

08 71 Door Hardware


**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0051	PR		4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	42.46	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-3.03	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.89	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.82	
			<i>For Stainless Steel, Add</i>	8.32	
			<i>For Heavy Duty, Add</i>	2.27	
			<i>For Extra Heavy Duty, Add</i>	6.05	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0052</b>			<b>Blank Butt Hinges</b> (08 71 16 00-0029)		
08 71 16 00-0053	PR		3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge.....	10.48	2.15
			<i>For Primed For Paint Finish, Deduct</i>	-0.39	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.24	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.23	
			<i>For Stainless Steel, Add</i>	1.06	
			<i>For Heavy Duty, Add</i>	0.29	
			<i>For Extra Heavy Duty, Add</i>	0.77	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
<b>08 71 16 00-0054</b>			<b>Full Mortise, Single Acting Spring, Wrought Steel Hinges</b> (08 71 16 00-0029)		
			Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0055	PR		3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	32.50	3.35
			<i>For Primed For Paint Finish, Deduct</i>	-2.89	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.81	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.73	
			<i>For Stainless Steel, Add</i>	7.95	
08 71 16 00-0056	PR		4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	42.82	4.78
			<i>For Primed For Paint Finish, Deduct</i>	-3.78	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	2.36	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.27	
			<i>For Stainless Steel, Add</i>	10.40	
08 71 16 00-0057	PR		4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	55.13	5.26
			<i>For Primed For Paint Finish, Deduct</i>	-5.56	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	3.48	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-3.34	
			<i>For Stainless Steel, Add</i>	15.29	
<b>08 71 16 00-0058</b>			<b>Offset And Pivot Hinges</b> (08 71 16 00-0001)		
			Note: Satin chrome plated, US26D.		
<b>08 71 16 00-0059</b>			<b>Offset Swing Clear Hinges</b> (08 71 16 00-0058)		
			Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 16 00-0060	EA		4-1/2", Swing Clear, Offset Hinges .....	44.97	1.50
<b>08 71 16 00-0061</b>			<b>Offset Pivot Hinges</b> (08 71 16 00-0058)		
<b>08 71 16 00-0062</b>			<b>3/4" Offset Pivot Hinges</b> (08 71 16 00-0061)		
<b>08 71 16 00-0063</b>			<b>3/4" Offset Pivot Hinges</b> (08 71 16 00-0062)		
<b>08 71 16 00-0064</b>			<b>Top Mount, 3/4" Offset Pivot Hinges</b> (08 71 16 00-0063)		
<b>08 71 16 00-0065</b>			<b>200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges</b> (08 71 16 00-0064)		
08 71 16 00-0066	EA		Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) .....	73.46	4.78
08 71 16 00-0067	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	99.60	4.78
08 71 16 00-0068	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) .....	114.12	4.78
08 71 16 00-0069	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) .....	114.12	4.78
08 71 16 00-0070	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top) .....	114.12	4.78
08 71 16 00-0071	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	114.12	4.78
08 71 16 00-0072	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	114.12	4.78
08 71 16 00-0073	EA		Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	81.01	4.78
08 71 16 00-0074	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) .....	103.67	4.78
08 71 16 00-0075	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	118.77	4.78
08 71 16 00-0076	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	118.77	4.78
08 71 16 00-0077	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	118.77	4.78
08 71 16 00-0078	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) .....	118.77	4.78
08 71 16 00-0079	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top) .....	118.77	4.78
08 71 16 00-0080	EA		Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) .....	73.46	4.78
08 71 16 00-0081	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	99.60	4.78
08 71 16 00-0082	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) .....	114.12	4.78
08 71 16 00-0083	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) .....	114.12	4.78
08 71 16 00-0084	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top) .....	114.12	4.78
08 71 16 00-0085	EA		Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	114.12	4.78
08 71 16 00-0086	EA		Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	114.12	4.78
<b>08 71 16 00-0087</b>			<b>500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges</b> (08 71 16 00-0064)		
08 71 16 00-0088	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) .....	75.84	5.98
08 71 16 00-0089	EA		Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	101.98	5.98
08 71 16 00-0090	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) .....	116.50	5.98



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0091 EA Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) .....	116.50	5.98
08 71 16 00-0092 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) .....	116.50	5.98
08 71 16 00-0093 EA Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	116.50	5.98
08 71 16 00-0094 EA Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top) .....	116.50	5.98
<b>08 71 16 00-0095 600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0064)</small>		
08 71 16 00-0096 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) .....	75.84	5.98
08 71 16 00-0097 EA Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	101.98	5.98
08 71 16 00-0098 EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	116.50	5.98
08 71 16 00-0099 EA Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) .....	116.50	5.98
08 71 16 00-0100 EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	116.50	5.98
08 71 16 00-0101 EA Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	116.50	5.98
08 71 16 00-0102 EA Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top) .....	116.50	5.98
<b>08 71 16 00-0103 700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0064)</small>		
08 71 16 00-0104 EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) .....	75.84	5.98
08 71 16 00-0105 EA Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	101.98	5.98
08 71 16 00-0106 EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	116.50	5.98
08 71 16 00-0107 EA Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	116.50	5.98
08 71 16 00-0108 EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	116.50	5.98
08 71 16 00-0109 EA Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	116.50	5.98
08 71 16 00-0110 EA Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top) .....	116.50	5.98
<b>08 71 16 00-0111 Intermediate Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0063)</small>		
<b>08 71 16 00-0112 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0111)</small>		
08 71 16 00-0113 EA Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) .....	92.04	4.78
08 71 16 00-0114 EA Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	114.12	4.78
08 71 16 00-0115 EA Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	129.80	4.78
08 71 16 00-0116 EA Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT) .....	129.80	4.78
08 71 16 00-0117 EA Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	129.80	4.78
08 71 16 00-0118 EA Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	129.80	4.78
08 71 16 00-0119 EA Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	129.80	4.78
<b>08 71 16 00-0120 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0111)</small>		
08 71 16 00-0121 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	101.98	5.98
08 71 16 00-0122 EA Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) .....	108.95	5.98
08 71 16 00-0123 EA Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) .....	121.15	5.98
08 71 16 00-0124 EA Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	121.15	5.98
08 71 16 00-0125 EA Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT) .....	121.15	5.98
08 71 16 00-0126 EA Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	121.15	5.98
08 71 16 00-0127 EA Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	121.15	5.98
<b>08 71 16 00-0128 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0111)</small>		
08 71 16 00-0129 EA Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	101.98	5.98
08 71 16 00-0130 EA Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	108.95	5.98
08 71 16 00-0131 EA Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) .....	121.15	5.98
08 71 16 00-0132 EA Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	121.15	5.98
08 71 16 00-0133 EA Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT) .....	121.15	5.98
08 71 16 00-0134 EA Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	121.15	5.98
08 71 16 00-0135 EA Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	121.15	5.98
<b>08 71 16 00-0136 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0111)</small>		
08 71 16 00-0137 EA Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	101.98	5.98
08 71 16 00-0138 EA Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) .....	108.95	5.98
08 71 16 00-0139 EA Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	121.15	5.98
08 71 16 00-0140 EA Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	121.15	5.98
08 71 16 00-0141 EA Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT) .....	121.15	5.98
08 71 16 00-0142 EA Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	121.15	5.98
08 71 16 00-0143 EA Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	121.15	5.98
<b>08 71 16 00-0144 Bottom Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0063)</small>		
<b>08 71 16 00-0145 200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0144)</small>		
08 71 16 00-0146 EA Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	81.01	4.78

**08 Openings****08 70 Hardware****08 71 Door Hardware**
**ARLINGTON**  
 VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0147 EA Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) .....	103.67	4.78
08 71 16 00-0148 EA Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	118.77	4.78
08 71 16 00-0149 EA Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	118.77	4.78
08 71 16 00-0150 EA Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	118.77	4.78
08 71 16 00-0151 EA Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) .....	118.77	4.78
08 71 16 00-0152 EA Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM) .....	118.77	4.78
08 71 16 00-0153 EA Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) .....	81.01	4.78
08 71 16 00-0154 EA Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	103.67	4.78
08 71 16 00-0155 EA Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) .....	118.77	4.78
08 71 16 00-0156 EA Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) .....	118.77	4.78
08 71 16 00-0157 EA Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM) .....	118.77	4.78
08 71 16 00-0158 EA Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	118.77	4.78
08 71 16 00-0159 EA Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	118.77	4.78
08 71 16 00-0160 EA Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM) .....	69.98	4.78
08 71 16 00-0161 EA Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	96.12	4.78
08 71 16 00-0162 EA Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	111.21	4.78
08 71 16 00-0163 EA Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	111.21	4.78
08 71 16 00-0164 EA Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	111.21	4.78
08 71 16 00-0165 EA Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	111.21	4.78
08 71 16 00-0166 EA Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	111.21	4.78
<b>08 71 16 00-0167 500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0144)</b>		
08 71 16 00-0168 EA Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) .....	124.05	5.98
08 71 16 00-0169 EA Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	132.18	5.98
08 71 16 00-0170 EA Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	132.18	5.98
08 71 16 00-0171 EA Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	132.18	5.98
08 71 16 00-0172 EA Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM) .....	132.18	5.98
08 71 16 00-0173 EA Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	132.18	5.98
08 71 16 00-0174 EA Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	134.50	5.98
<b>08 71 16 00-0175 600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0144)</b>		
08 71 16 00-0176 EA Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	106.05	5.98
08 71 16 00-0177 EA Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM) .....	116.50	5.98
08 71 16 00-0178 EA Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	124.05	5.98
08 71 16 00-0179 EA Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	124.05	5.98
08 71 16 00-0180 EA Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	124.05	5.98
08 71 16 00-0181 EA Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	124.05	5.98
08 71 16 00-0182 EA Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	124.05	5.98
<b>08 71 16 00-0183 700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0144)</b>		
08 71 16 00-0184 EA Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	247.76	5.98
08 71 16 00-0185 EA Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	266.35	5.98
08 71 16 00-0186 EA Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	295.98	5.98
08 71 16 00-0187 EA Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	295.98	5.98
08 71 16 00-0188 EA Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	295.98	5.98
08 71 16 00-0189 EA Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	295.98	5.98
08 71 16 00-0190 EA Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	295.98	5.98
<b>08 71 16 00-0191 Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0002)</b>		
<b>08 71 16 00-0192 Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0191)</b>		
<b>08 71 16 00-0193 500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0192)</b>		
08 71 16 00-0194 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	146.13	5.98
08 71 16 00-0195 EA Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	173.42	5.98
08 71 16 00-0196 EA Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	195.49	5.98
08 71 16 00-0197 EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	195.49	5.98
08 71 16 00-0198 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	195.49	5.98
<b>08 71 16 00-0199 600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0192)</b>		
08 71 16 00-0200 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	146.13	5.98
08 71 16 00-0201 EA Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	173.42	5.98
08 71 16 00-0202 EA Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	195.49	5.98



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0203	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	195.49	5.98
08 71 16 00-0204	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	195.49	5.98
<b>08 71 16 00-0205</b>		<b>700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0192)</small>		
08 71 16 00-0206	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	146.13	5.98
08 71 16 00-0207	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	173.42	5.98
08 71 16 00-0208	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	195.49	5.98
08 71 16 00-0209	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	195.49	5.98
08 71 16 00-0210	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	195.49	5.98
<b>08 71 16 00-0211</b>		<b>1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0192)</small>		
08 71 16 00-0212	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	153.17	7.17
08 71 16 00-0213	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	175.82	7.17
08 71 16 00-0214	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	186.28	7.17
08 71 16 00-0215	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	186.28	7.17
08 71 16 00-0216	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	186.28	7.17
<b>08 71 16 00-0217</b>		<b>1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0192)</small>		
08 71 16 00-0218	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	153.17	7.17
08 71 16 00-0219	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	175.82	7.17
08 71 16 00-0220	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	186.28	7.17
08 71 16 00-0221	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	186.28	7.17
08 71 16 00-0222	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	186.28	7.17
<b>08 71 16 00-0223</b>		<b>Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0191)</small>		
<b>08 71 16 00-0224</b>		<b>500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0223)</small>		
08 71 16 00-0225	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	150.77	5.98
08 71 16 00-0226	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	176.32	5.98
08 71 16 00-0227	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	183.88	5.98
08 71 16 00-0228	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	183.88	5.98
08 71 16 00-0229	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	183.88	5.98
<b>08 71 16 00-0230</b>		<b>600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0223)</small>		
08 71 16 00-0231	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	150.77	5.98
08 71 16 00-0232	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	176.32	5.98
08 71 16 00-0233	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	183.88	5.98
08 71 16 00-0234	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	183.88	5.98
08 71 16 00-0235	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	183.88	5.98
<b>08 71 16 00-0236</b>		<b>700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0223)</small>		
08 71 16 00-0237	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	150.77	5.98

**08 Openings****08 70 Hardware**

08 71 Door Hardware


**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0238	EA		Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	176.32	5.98
08 71 16 00-0239	EA		Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	183.88	5.98
08 71 16 00-0240	EA		Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	183.88	5.98
08 71 16 00-0241	EA		Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	183.88	5.98
<b>08 71 16 00-0242</b>			<b>1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0223)</small></b>		
08 71 16 00-0243	EA		Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	168.27	7.17
08 71 16 00-0244	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	194.40	7.17
08 71 16 00-0245	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	201.37	7.17
08 71 16 00-0246	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	201.37	7.17
08 71 16 00-0247	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	201.37	7.17
<b>08 71 16 00-0248</b>			<b>1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0223)</small></b>		
08 71 16 00-0249	EA		Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	168.27	7.17
08 71 16 00-0250	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	194.40	7.17
08 71 16 00-0251	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	201.37	7.17
08 71 16 00-0252	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	201.37	7.17
08 71 16 00-0253	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	201.37	7.17
<b>08 71 16 00-0254</b>			<b>Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0191)</small></b>		
<b>08 71 16 00-0255</b>			<b>500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0254)</small></b>		
08 71 16 00-0256	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) .....	168.78	5.98
08 71 16 00-0257	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) .....	210.02	5.98
08 71 16 00-0258	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) .....	225.70	5.98
08 71 16 00-0259	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) .....	225.70	5.98
08 71 16 00-0260	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM) .....	225.70	5.98
<b>08 71 16 00-0261</b>			<b>600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0254)</small></b>		
08 71 16 00-0262	EA		Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) .....	165.87	5.98
08 71 16 00-0263	EA		Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) .....	176.32	5.98
08 71 16 00-0264	EA		Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) .....	203.05	5.98
08 71 16 00-0265	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) .....	203.05	5.98
08 71 16 00-0266	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM) .....	203.05	5.98
<b>08 71 16 00-0267</b>			<b>1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0254)</small></b>		
08 71 16 00-0268	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) .....	190.34	7.17
08 71 16 00-0269	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) .....	212.42	7.17
08 71 16 00-0270	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) .....	220.54	7.17
08 71 16 00-0271	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) .....	220.54	7.17
08 71 16 00-0272	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM) .....	220.54	7.17





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 16 00-0273</b> 1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0254)</small>		
08 71 16 00-0274 EA Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	272.24	7.17
08 71 16 00-0275 EA Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	290.83	7.17
08 71 16 00-0276 EA Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	298.38	7.17
08 71 16 00-0277 EA Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	298.38	7.17
08 71 16 00-0278 EA Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	298.38	7.17
<b>08 71 16 00-0279</b> 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0061)</small>		
<b>08 71 16 00-0280</b> Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0279)</small>		
<b>08 71 16 00-0281</b> Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0280)</small>		
<b>08 71 16 00-0282</b> 400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0281)</small>		
08 71 16 00-0283 EA Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	173.42	5.98
08 71 16 00-0284 EA Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	187.94	5.98
08 71 16 00-0285 EA Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	198.97	5.98
08 71 16 00-0286 EA Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	198.97	5.98
08 71 16 00-0287 EA Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	198.97	5.98
<b>08 71 16 00-0288</b> 500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0281)</small>		
08 71 16 00-0289 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	173.42	5.98
08 71 16 00-0290 EA Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	187.94	5.98
08 71 16 00-0291 EA Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	198.97	5.98
08 71 16 00-0292 EA Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	198.97	5.98
08 71 16 00-0293 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	198.97	5.98
<b>08 71 16 00-0294</b> Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0280)</small>		
<b>08 71 16 00-0295</b> 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0294)</small>		
08 71 16 00-0296 EA Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	180.39	5.98
08 71 16 00-0297 EA Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	203.05	5.98
08 71 16 00-0298 EA Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	214.08	5.98
08 71 16 00-0299 EA Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	214.08	5.98
08 71 16 00-0300 EA Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	214.08	5.98
<b>08 71 16 00-0301</b> 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0294)</small>		
08 71 16 00-0302 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	180.39	5.98
08 71 16 00-0303 EA Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	203.05	5.98
08 71 16 00-0304 EA Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	214.08	5.98
08 71 16 00-0305 EA Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	214.08	5.98
08 71 16 00-0306 EA Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	214.08	5.98
<b>08 71 16 00-0307</b> Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0280)</small>		
<b>08 71 16 00-0308</b> 400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0307)</small>		

**08 Openings****08 70 Hardware****08 71 Door Hardware**
**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0309	EA		Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	176.32	5.98
08 71 16 00-0310	EA		Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	203.05	5.98
08 71 16 00-0311	EA		Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	214.08	5.98
08 71 16 00-0312	EA		Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	214.08	5.98
08 71 16 00-0313	EA		Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	214.08	5.98
<b>08 71 16 00-0314</b>			<b>500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0307)</b>		
08 71 16 00-0315	EA		Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	288.43	5.98
08 71 16 00-0316	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	318.63	5.98
08 71 16 00-0317	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	326.18	5.98
08 71 16 00-0318	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	326.18	5.98
08 71 16 00-0319	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	326.18	5.98
<b>08 71 16 00-0320</b>			<b>Center Hung Pivot Hinges (08 71 16 00-0058)</b>		
<b>08 71 16 00-0321</b>			<b>Top Mount, Center Hung Pivot Hinges (08 71 16 00-0320)</b>		
<b>08 71 16 00-0322</b>			<b>300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 16 00-0321)</b>		
08 71 16 00-0323	EA		Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	88.56	4.78
08 71 16 00-0324	EA		Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
08 71 16 00-0325	EA		Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
08 71 16 00-0326	EA		Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
08 71 16 00-0327	EA		Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
08 71 16 00-0328	EA		Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
08 71 16 00-0329	EA		Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	96.12	4.78
<b>08 71 16 00-0330</b>			<b>500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 16 00-0321)</b>		
08 71 16 00-0331	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	90.94	5.98
08 71 16 00-0332	EA		Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
08 71 16 00-0333	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
08 71 16 00-0334	EA		Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
08 71 16 00-0335	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
08 71 16 00-0336	EA		Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
08 71 16 00-0337	EA		Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.50	5.98
<b>08 71 16 00-0338</b>			<b>600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 16 00-0321)</b>		
08 71 16 00-0339	EA		Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	90.94	5.98
08 71 16 00-0340	EA		Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
08 71 16 00-0341	EA		Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
08 71 16 00-0342	EA		Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
08 71 16 00-0343	EA		Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
08 71 16 00-0344	EA		Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
08 71 16 00-0345	EA		Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.50	5.98
<b>08 71 16 00-0346</b>			<b>1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges (08 71 16 00-0321)</b>		
08 71 16 00-0347	EA		Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	145.61	7.17
08 71 16 00-0348	EA		Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	171.18	7.17
08 71 16 00-0349	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.89	7.17
08 71 16 00-0350	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.89	7.17
08 71 16 00-0351	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.89	7.17
08 71 16 00-0352	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.89	7.17
08 71 16 00-0353	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	197.89	7.17
<b>08 71 16 00-0354</b>			<b>Bottom Mount, Center Hung Pivot Hinges (08 71 16 00-0320)</b>		
<b>08 71 16 00-0355</b>			<b>300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 16 00-0354)</b>		
08 71 16 00-0356	EA		Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	66.49	4.78
08 71 16 00-0357	EA		Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	77.53	4.78
08 71 16 00-0358	EA		Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	88.56	4.78
08 71 16 00-0359	EA		Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	88.56	4.78



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0360 EA Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	88.56	4.78
08 71 16 00-0361 EA Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	88.56	4.78
08 71 16 00-0362 EA Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	88.56	4.78
<b>08 71 16 00-0363 500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges</b> <small>(08 71 16 00-0354)</small>		
08 71 16 00-0364 EA Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.50	5.98
08 71 16 00-0365 EA Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0366 EA Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0367 EA Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0368 EA Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0369 EA Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0370 EA Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	101.98	5.98
08 71 16 00-0371 EA Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.50	5.98
08 71 16 00-0372 EA Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
08 71 16 00-0373 EA Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
08 71 16 00-0374 EA Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
08 71 16 00-0375 EA Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
08 71 16 00-0376 EA Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
08 71 16 00-0377 EA Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	101.98	5.98
<b>08 71 16 00-0378 600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges</b> <small>(08 71 16 00-0354)</small>		
08 71 16 00-0379 EA Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	203.05	5.98
08 71 16 00-0380 EA Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	214.08	5.98
08 71 16 00-0381 EA Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	225.70	5.98
08 71 16 00-0382 EA Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	225.70	5.98
08 71 16 00-0383 EA Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	225.70	5.98
08 71 16 00-0384 EA Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	225.70	5.98
08 71 16 00-0385 EA Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	225.70	5.98
<b>08 71 16 00-0386 1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges</b> <small>(08 71 16 00-0354)</small>		
08 71 16 00-0387 EA Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	376.79	7.17
08 71 16 00-0388 EA Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	387.82	7.17
08 71 16 00-0389 EA Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	402.93	7.17
08 71 16 00-0390 EA Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	402.93	7.17
08 71 16 00-0391 EA Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	402.93	7.17
08 71 16 00-0392 EA Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	402.93	7.17
08 71 16 00-0393 EA Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	402.93	7.17
<b>08 71 16 00-0394 Continuous Steel Hinges</b> <small>(08 71 16 00-0001)</small>		
08 71 16 00-0395 LF 1-1/2" Wide, Continuous Steel Hinge.....	9.75	1.91
For Stainless Steel, Add	1.15	
For Brass Or Nickel, Add	1.25	
For Aluminum, Add	0.41	
For Medium Gauge, Deduct	-0.42	
08 71 16 00-0396 LF 2" Wide, Continuous Steel Hinge.....	9.89	1.91
For Stainless Steel, Add	1.23	
For Brass Or Nickel, Add	1.34	
For Aluminum, Add	0.44	
For Medium Gauge, Deduct	-0.45	
08 71 16 00-0397 LF 2-1/2" Wide, Continuous Steel Hinge.....	10.16	1.91
For Stainless Steel, Add	1.38	
For Brass Or Nickel, Add	1.50	
For Aluminum, Add	0.49	
For Medium Gauge, Deduct	-0.50	

**08 Openings****08 70 Hardware****08 71 Door Hardware**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0398	LF		3" Wide, Continuous Steel Hinge..... <i>For Stainless Steel, Add</i> <i>For Brass Or Nickel, Add</i> <i>For Aluminum, Add</i> <i>For Medium Gauge, Deduct</i>	10.48 1.55 1.69 0.55 -0.56	1.91
<b>08 71 16 00-0399</b>			<b>Continuous Geared Hinges</b> (08 71 16 00-0001)		
08 71 16 00-0400	LF		Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)..... <i>For Bronze Finish, Add</i> <i>For Heavy Duty, Add</i>	28.97 7.99 5.69	1.91
08 71 16 00-0401	LF		Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)..... <i>For Bronze Finish, Add</i> <i>For Heavy Duty, Add</i>	31.47 8.93 6.36	1.91
08 71 16 00-0402	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)..... <i>For Bronze Finish, Add</i>	18.99 4.25	1.91
08 71 16 00-0403	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)..... <i>For Bronze Finish, Add</i>	22.60 5.60	1.91
<b>08 71 16 00-0404</b>			<b>Mortised, Primed Steel, Double Acting Spring Hinges</b> (08 71 16 00-0001)		
08 71 16 00-0405	PR		2", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	63.49 11.22	3.35
08 71 16 00-0406	PR		3", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	68.29 11.22	4.31
08 71 16 00-0407	PR		4", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	75.62 11.84	5.26
08 71 16 00-0408	PR		5", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	99.32 16.38	6.22
08 71 16 00-0409	PR		6", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	111.01 18.03	7.17
08 71 16 00-0410	PR		7", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	133.73 22.34	8.13
08 71 16 00-0411	PR		8", Mortised, Primed Steel, Double Acting Spring Hinge..... <i>For Satin Brass, Add</i>	182.35 32.86	22.72
<b>08 71 16 00-0412</b>			<b>Security Hinges</b> (08 71 16 00-0001)		
08 71 16 00-0413	EA		4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge .....	22.85	3.35
<b>08 71 16 00-0414</b>			<b>Concealed Circuit Electric Hinge Option</b> (08 71 16 00-0001) Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 16 00-0415	EA		4 Wire Concealed Circuit Electric Hinge Option.....	152.72	
08 71 16 00-0416	EA		6 Wire Concealed Circuit Electric Hinge Option.....	180.32	
08 71 16 00-0417	EA		8 Wire Concealed Circuit Electric Hinge Option.....	207.91	
<b>08 71 16 00-0418</b>			<b>Hinge Filler Plates For Door Frames</b> (08 71 16 00-0001)		
08 71 16 00-0419	PR		Hinge Filler Plates For Door Frames.....	9.78	2.39
<b>08 71 16 00-0420</b>			<b>Door Trim</b> (08 71 16)		
<b>08 71 16 00-0421</b>			<b>Floor Stops, Wall Stops And Bumpers</b> (08 71 16 00-0420)		
<b>08 71 16 00-0422</b>			<b>Floor Stops</b> (08 71 16 00-0421)		
<b>08 71 16 00-0423</b>			<b>Aluminum Floor Stops</b> (08 71 16 00-0422)		
08 71 16 00-0424	EA		1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430) .....	13.43	5.98
08 71 16 00-0425	EA		1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436) .....	14.89	5.98
08 71 16 00-0426	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438) .....	15.45	5.98
08 71 16 00-0427	EA		2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441) .....	23.97	5.98
08 71 16 00-0428	EA		3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448).....	24.99	5.98
<b>08 71 16 00-0429</b>			<b>Brass Floor Stops</b> (08 71 16 00-0422)		
08 71 16 00-0430	EA		1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436) .....	15.10	5.98
08 71 16 00-0431	EA		1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436).....	15.66	5.98
08 71 16 00-0432	EA		1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436).....	15.66	5.98
08 71 16 00-0433	EA		1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436).....	15.88	5.98
08 71 16 00-0434	EA		1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436).....	16.16	5.98
08 71 16 00-0435	EA		1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436) .....	16.16	5.98
08 71 16 00-0436	EA		1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436) .....	16.16	5.98
08 71 16 00-0437	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438) .....	15.45	5.98
08 71 16 00-0438	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438).....	16.30	5.98
08 71 16 00-0439	EA		1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438).....	16.30	5.98
08 71 16 00-0440	EA		1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438).....	16.63	5.98
08 71 16 00-0441	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438).....	16.92	5.98
08 71 16 00-0442	EA		1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438).....	16.92	5.98
08 71 16 00-0443	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438).....	18.26	5.98



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0444 EA 1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13) .....	16.36	5.98
08 71 16 00-0445 EA 1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13) .....	16.36	5.98
08 71 16 00-0446 EA 1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13) .....	17.28	5.98
08 71 16 00-0447 EA 1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13) .....	17.28	5.98
08 71 16 00-0448 EA 1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13) .....	17.28	5.98
08 71 16 00-0449 EA 1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13) .....	17.28	5.98
08 71 16 00-0450 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17) .....	17.00	5.98
08 71 16 00-0451 EA 1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17) .....	17.00	5.98
08 71 16 00-0452 EA 1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17) .....	17.90	5.98
08 71 16 00-0453 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17) .....	17.90	5.98
08 71 16 00-0454 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17) .....	17.90	5.98
08 71 16 00-0455 EA 1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17) .....	17.90	5.98
08 71 16 00-0456 EA 2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441) .....	24.79	5.98
08 71 16 00-0457 EA 2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441) .....	25.19	5.98
08 71 16 00-0458 EA 2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441) .....	26.16	5.98
08 71 16 00-0459 EA 2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441) .....	26.95	5.98
08 71 16 00-0460 EA 2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441) .....	26.95	5.98
08 71 16 00-0461 EA 2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441) .....	30.17	5.98
08 71 16 00-0462 EA 2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441) .....	30.17	5.98
08 71 16 00-0463 EA 3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448) .....	28.98	5.98
08 71 16 00-0464 EA 3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448) .....	29.55	5.98
08 71 16 00-0465 EA 3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448) .....	29.55	5.98
08 71 16 00-0466 EA 3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448) .....	29.55	5.98
08 71 16 00-0467 EA 3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448) .....	29.55	5.98
08 71 16 00-0468 EA 3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448) .....	33.96	5.98
08 71 16 00-0469 EA 3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448) .....	33.96	5.98
08 71 16 00-0470 EA 1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430) .....	20.00	5.98
08 71 16 00-0471 EA 1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430) .....	20.73	5.98
08 71 16 00-0472 EA 1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430) .....	22.39	5.98
08 71 16 00-0473 EA 1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430) .....	22.39	5.98
08 71 16 00-0474 EA 1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430) .....	22.39	5.98
08 71 16 00-0475 EA 1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430) .....	22.88	5.98
<b>08 71 16 00-0476 Steel Floor Stops (08 71 16 00-0422)</b>		
08 71 16 00-0477 EA 2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434) .....	17.13	5.98
08 71 16 00-0478 EA 1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) .....	44.40	5.98
Note: Includes drilling. Excludes Grout.		
08 71 16 00-0479 EA 3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) .....	46.72	5.98
Note: Includes drilling. Excludes Grout.		
<b>08 71 16 00-0480 Wall Stops (08 71 16 00-0421)</b>		
<b>08 71 16 00-0481 Aluminum Wall Stops (08 71 16 00-0480)</b>		
08 71 16 00-0482 EA 3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60) .....	6.81	2.39
08 71 16 00-0483 EA 3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65) .....	9.92	3.59
<b>08 71 16 00-0484 Brass Wall Stops (08 71 16 00-0480)</b>		
08 71 16 00-0485 EA 3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60) .....	11.80	2.39
08 71 16 00-0486 EA 3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60) .....	11.80	2.39
08 71 16 00-0487 EA 3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60) .....	11.80	2.39
08 71 16 00-0488 EA 3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60) .....	13.97	2.39
08 71 16 00-0489 EA 3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60) .....	14.18	2.39
08 71 16 00-0490 EA 3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60) .....	14.18	2.39
08 71 16 00-0491 EA 3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60) .....	14.18	2.39
08 71 16 00-0492 EA 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11) .....	33.10	3.59
08 71 16 00-0493 EA 3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11) .....	33.87	3.59
08 71 16 00-0494 EA 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11) .....	33.87	3.59
08 71 16 00-0495 EA 3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11) .....	33.87	3.59
08 71 16 00-0496 EA 3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11) .....	33.87	3.59
08 71 16 00-0497 EA 3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11) .....	33.87	3.59
08 71 16 00-0498 EA 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447) .....	27.70	3.59
08 71 16 00-0499 EA 3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447) .....	31.85	3.59
08 71 16 00-0500 EA 3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447) .....	31.85	3.59
08 71 16 00-0501 EA 3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447) .....	31.85	3.59
08 71 16 00-0502 EA 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447) .....	31.85	3.59
08 71 16 00-0503 EA 3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447) .....	32.83	3.59
08 71 16 00-0504 EA 3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447) .....	32.83	3.59
08 71 16 00-0505 EA 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33) .....	53.29	3.59
<b>08 71 16 00-0506 Steel Wall Stops (08 71 16 00-0480)</b>		
08 71 16 00-0507 EA 3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63) .....	5.20	2.39
<b>08 71 16 00-0508 Hinge Pin Door Stops (08 71 16 00-0421)</b>		
<b>08 71 16 00-0509 Aluminum Hinge Pin Door Stops (08 71 16 00-0508)</b>		
08 71 16 00-0510 EA Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70) .....	10.83	4.78

**08 Openings****08 70 Hardware****08 71 Door Hardware**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0511			<b>Brass Hinge Pin Door Stops</b> (08 71 16 00-0508)		
08 71 16 00-0512	EA		Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72).....	11.07	4.78
08 71 16 00-0513	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73).....	12.58	4.78
08 71 16 00-0514	EA		Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	16.22	4.78
08 71 16 00-0515	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	16.22	4.78
08 71 16 00-0516	EA		Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	16.22	4.78
08 71 16 00-0517	EA		Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	17.92	4.78
08 71 16 00-0518	EA		Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	17.92	4.78
08 71 16 00-0519	EA		Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	17.92	4.78
08 71 16 00-0520	EA		Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70).....	17.92	4.78
08 71 16 00-0521			<b>Wall Bumpers</b> (08 71 16 00-0421)		
08 71 16 00-0522			<b>Brass Wall Bumpers</b> (08 71 16 00-0521)		
08 71 16 00-0523	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.33	5.98
08 71 16 00-0524	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.33	5.98
08 71 16 00-0525	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.33	5.98
08 71 16 00-0526	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.54	5.98
08 71 16 00-0527	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.54	5.98
08 71 16 00-0528	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.54	5.98
08 71 16 00-0529	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	14.54	5.98
08 71 16 00-0530	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	21.54	5.98
08 71 16 00-0531	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.44	5.98
08 71 16 00-0532	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.44	5.98
08 71 16 00-0533	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.44	5.98
08 71 16 00-0534	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.44	5.98
08 71 16 00-0535	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.44	5.98
08 71 16 00-0536	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402).....	23.86	5.98
08 71 16 00-0537			<b>Rubber Wall Bumpers</b> (08 71 16 00-0521)		
08 71 16 00-0538	EA		1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W).....	13.58	5.98
08 71 16 00-0539			<b>Holders</b> (08 71 16 00-0420)		
08 71 16 00-0540			<b>Plunger Type Door Holders</b> (08 71 16 00-0539)		
08 71 16 00-0541			<b>Aluminum Plunger Type Door Holders</b> (08 71 16 00-0540)		
08 71 16 00-0542	EA		Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153).....	34.99	3.59
08 71 16 00-0543			<b>Brass Plunger Type Door Holders</b> (08 71 16 00-0540)		
08 71 16 00-0544	EA		Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0545	EA		Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0546	EA		Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0547	EA		Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0548	EA		Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0549	EA		Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0550	EA		Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154).....	57.36	3.59
08 71 16 00-0551			<b>Kick Down Door Holders</b> (08 71 16 00-0539)		
08 71 16 00-0552			<b>Aluminum Kick Down Door Holders</b> (08 71 16 00-0551)		
08 71 16 00-0553	EA		Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	11.71	3.59
08 71 16 00-0554			<b>Brass Kick Down Door Holders</b> (08 71 16 00-0551)		
08 71 16 00-0555	EA		Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455).....	25.62	3.59
08 71 16 00-0556	EA		Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455).....	25.62	3.59
08 71 16 00-0557	EA		Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	25.62	3.59
08 71 16 00-0558	EA		Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455).....	29.25	3.59
08 71 16 00-0559	EA		Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455).....	29.25	3.59
08 71 16 00-0560	EA		Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	29.25	3.59



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0561	EA		Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455).....	30.16	3.59
<b>08 71 16 00-0562</b>			<b>Steel Kick Down Door Holders (08 71 16 00-0551)</b>		
08 71 16 00-0563	EA		Steel Kick Down Door Holder (Ives FS544).....	14.52	3.59
<b>08 71 16 00-0564</b>			<b>Floor Mounted Door Holders (08 71 16 00-0539)</b>		
<b>08 71 16 00-0565</b>			<b>Brass Floor Mounted Door Holders (08 71 16 00-0564)</b>		
08 71 16 00-0566	EA		Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	50.16	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 16 00-0567	EA		Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	50.16	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 16 00-0568	EA		Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	62.21	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 16 00-0569	EA		Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	62.21	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 16 00-0570	EA		Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	62.21	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 16 00-0571	EA		Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	62.21	7.17
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
<b>08 71 16 00-0572</b>			<b>Wall Mounted Door Holders (08 71 16 00-0539)</b>		
<b>08 71 16 00-0573</b>			<b>Aluminum Wall Mounted Door Holders (08 71 16 00-0572)</b>		
08 71 16 00-0574	EA		4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20).....	44.60	4.19
08 71 16 00-0575	EA		Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40).....	65.38	7.17
<b>08 71 16 00-0576</b>			<b>Brass Wall Mounted Door Holders (08 71 16 00-0572)</b>		
08 71 16 00-0577	EA		3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	40.95	4.19
08 71 16 00-0578	EA		3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.49	4.19
08 71 16 00-0579	EA		3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.49	4.19
08 71 16 00-0580	EA		3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.49	4.19
08 71 16 00-0581	EA		3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.49	4.19
08 71 16 00-0582	EA		3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.49	4.19
08 71 16 00-0583	EA		3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	49.02	4.19
08 71 16 00-0584	EA		4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	46.42	4.19
08 71 16 00-0585	EA		4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	55.34	4.19
08 71 16 00-0586	EA		4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	55.34	4.19
08 71 16 00-0587	EA		4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	55.34	4.19
08 71 16 00-0588	EA		4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	55.34	4.19
08 71 16 00-0589	EA		4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	55.34	4.19
08 71 16 00-0590	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	74.28	7.17
08 71 16 00-0591	EA		Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	78.28	7.17
08 71 16 00-0592	EA		Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40).....	78.28	7.17
08 71 16 00-0593	EA		Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40).....	78.28	7.17
08 71 16 00-0594	EA		Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	78.28	7.17
08 71 16 00-0595	EA		Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	78.28	7.17
<b>08 71 16 00-0596</b>			<b>Overhead Door Holders (08 71 16 00-0539)</b>		
<b>08 71 16 00-0597</b>			<b>Surface Mounted, Overhead Door Holders (08 71 16 00-0596)</b>		
08 71 16 00-0598	EA		Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	230.49	11.95
			For Hold Open, Add	26.36	
08 71 16 00-0599	EA		Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	264.14	11.95
			For Hold Open, Add	31.21	
08 71 16 00-0600	EA		Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	264.14	11.95
			For Hold Open, Add	31.21	

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0601	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	264.14	11.95
		<i>For Hold Open, Add</i>	31.21	
08 71 16 00-0602	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	263.00	11.95
		<i>For Hold Open, Add</i>	31.05	
<b>08 71 16 00-0603</b>		<b>Heavy Duty, Surface Mounted, Overhead Door Holders</b> (08 71 16 00-0596)		
		Note: With or without hold open feature.		
08 71 16 00-0604	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	179.68	11.95
08 71 16 00-0605	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	260.02	11.95
08 71 16 00-0606	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	295.04	11.95
08 71 16 00-0607	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	295.04	11.95
08 71 16 00-0608	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	295.04	11.95
<b>08 71 16 00-0609</b>		<b>Concealed Mounted, Overhead Door Holders</b> (08 71 16 00-0596)		
		Note: With or without hold open feature.		
08 71 16 00-0610	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	251.55	11.95
08 71 16 00-0611	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	251.55	11.95
08 71 16 00-0612	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	265.29	11.95
08 71 16 00-0613	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	276.96	11.95
08 71 16 00-0614	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	276.96	11.95
<b>08 71 16 00-0615</b>		<b>Silencers</b> (08 71 16 00-0420)		
08 71 16 00-0616	EA	Replacement Rubber Door Silencers.....	0.73	0.47
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
<b>08 71 16 00-0617</b>		<b>Bolts</b> (08 71 16 00-0420)		
<b>08 71 16 00-0618</b>		<b>Brass Surface Bolts</b> (08 71 16 00-0617)		
08 71 16 00-0619	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	75.40	5.98
08 71 16 00-0620	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	80.69	5.98
08 71 16 00-0621	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	80.69	5.98
<b>08 71 16 00-0622</b>		<b>Steel Surface Bolts</b> (08 71 16 00-0617)		
08 71 16 00-0623	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	34.43	5.98
08 71 16 00-0624	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	34.43	5.98
08 71 16 00-0625	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	34.43	5.98
08 71 16 00-0626	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	39.05	5.98
08 71 16 00-0627	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	39.72	5.98
08 71 16 00-0628	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	41.03	5.98
08 71 16 00-0629	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	40.37	5.98
08 71 16 00-0630	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	42.36	5.98
08 71 16 00-0631	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	45.00	5.98
08 71 16 00-0632	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	46.98	5.98
08 71 16 00-0633	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360).....	73.42	5.98
<b>08 71 16 00-0634</b>		<b>Door Viewer</b> (08 71 16 00-0420)		
<b>08 71 16 00-0635</b>		<b>Brass Door Viewer</b> (08 71 16 00-0634)		
08 71 16 00-0636	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700).....	18.26	5.98
08 71 16 00-0637	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700).....	18.26	5.98
08 71 16 00-0638	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700).....	18.26	5.98
08 71 16 00-0639	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696).....	21.21	5.98
08 71 16 00-0640	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696).....	21.21	5.98
08 71 16 00-0641	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696).....	21.21	5.98
08 71 16 00-0642	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	24.85	5.98
08 71 16 00-0643	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	24.85	5.98
<b>08 71 16 00-0644</b>		<b>Door Knockers</b> (08 71 16 00-0420)		
<b>08 71 16 00-0645</b>		<b>Brass Door Knockers</b> (08 71 16 00-0644)		
08 71 16 00-0646	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125).....	27.37	5.98
08 71 16 00-0647	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125).....	30.17	5.98
08 71 16 00-0648	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125).....	30.17	5.98
08 71 16 00-0649	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125).....	30.17	5.98
08 71 16 00-0650	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107).....	40.81	5.98
08 71 16 00-0651	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107).....	47.58	5.98
<b>08 71 16 00-0652</b>		<b>Hasps</b> (08 71 16 00-0420)		
08 71 16 00-0653	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly.....	12.84	4.51
08 71 16 00-0654	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly.....	13.70	4.78
08 71 16 00-0655	EA	6", Zinc Plated Finish, Steel Hasp Assembly.....	17.47	5.38
08 71 16 00-0656	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly.....	71.05	6.45





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0657 Flush Bolts <small>(08 71 16 00-0420)</small>		
08 71 16 00-0658 Flush Bolts For Metal Doors <small>(08 71 16 00-0657)</small>		
08 71 16 00-0659 Brass Flush Bolts For Metal Doors <small>(08 71 16 00-0659)</small>		
08 71 16 00-0660 Manual, Brass Flush Bolts For Metal Doors <small>(08 71 16 00-0659)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0661 EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458) .....	26.50	5.98
08 71 16 00-0662 Automatic, Brass Flush Bolts For Metal Doors <small>(08 71 16 00-0659)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0663 EA Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T) .....	64.69	5.98
08 71 16 00-0664 EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B) .....	64.69	5.98
08 71 16 00-0665 EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P) .....	119.07	9.57
08 71 16 00-0666 EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32) .....	116.68	8.37
08 71 16 00-0667 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33) .....	121.19	8.97
08 71 16 00-0668 Constant Latching, Brass Flush Bolts For Metal Doors <small>(08 71 16 00-0659)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0669 EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T) .....	64.10	5.98
08 71 16 00-0670 EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P) .....	119.07	9.57
08 71 16 00-0671 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52) .....	116.68	8.37
08 71 16 00-0672 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53) .....	121.19	8.97
08 71 16 00-0673 Stainless Steel Flush Bolts For Metal Doors <small>(08 71 16 00-0658)</small>		
08 71 16 00-0674 Automatic, Stainless Steel Flush Bolts For Metal Doors <small>(08 71 16 00-0673)</small> Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0675 EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T) .....	64.69	5.98
08 71 16 00-0676 EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B) .....	64.69	5.98
08 71 16 00-0677 EA Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P) .....	119.07	9.57
08 71 16 00-0678 EA Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32) .....	116.68	8.37
08 71 16 00-0679 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33) .....	121.19	8.97
08 71 16 00-0680 Constant Latching, Stainless Steel Flush Bolts For Metal Doors <small>(08 71 16 00-0673)</small> Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0681 EA Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T) .....	64.10	5.98
08 71 16 00-0682 EA Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P) .....	119.07	9.57
08 71 16 00-0683 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52) .....	116.68	8.37
08 71 16 00-0684 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53) .....	121.19	8.97
08 71 16 00-0685 Flush Bolts For Wood Doors <small>(08 71 16 00-0657)</small>		
08 71 16 00-0686 Brass Flush Bolts For Wood Doors <small>(08 71 16 00-0685)</small>		
08 71 16 00-0687 Manual, Brass Flush Bolts For Wood Doors <small>(08 71 16 00-0686)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0688 EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358) .....	31.44	5.98
08 71 16 00-0689 Automatic, Brass Flush Bolts For Wood Doors <small>(08 71 16 00-0686)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0690 EA Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T) .....	67.26	5.98
08 71 16 00-0691 EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B) .....	67.26	5.98
08 71 16 00-0692 EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P) .....	124.62	9.57
08 71 16 00-0693 EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42) .....	122.23	8.37
08 71 16 00-0694 Constant Latching, Brass Flush Bolts For Wood Doors <small>(08 71 16 00-0686)</small> Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0695 EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T) .....	66.75	5.98
08 71 16 00-0696 EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P) .....	124.62	9.57
08 71 16 00-0697 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62) .....	122.23	8.37
08 71 16 00-0698 Stainless Steel Flush Bolts For Wood Doors <small>(08 71 16 00-0685)</small>		
08 71 16 00-0699 Automatic, Stainless Steel Flush Bolts For Wood Doors <small>(08 71 16 00-0698)</small> Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0700 EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T) .....	67.26	5.98
08 71 16 00-0701 EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B) .....	67.26	5.98

**08 Openings****08 70 Hardware****08 71 Door Hardware**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0702	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P) .....	124.62	9.57
08 71 16 00-0703	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42) .....	122.23	8.37
<b>08 71 16 00-0704</b>			<b>Constant Latching, Stainless Steel Flush Bolts For Wood Doors</b> (08 71 16 00-0698) Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0705	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T) .....	66.75	5.98
08 71 16 00-0706	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P) .....	124.62	9.57
08 71 16 00-0707	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62) .....	122.23	8.37
<b>08 71 16 00-0708</b>			<b>Dust Proof Strikes</b> (08 71 16 00-0657)		
08 71 16 00-0709	EA		Satin Brass Finish, Brass Dust Proof Strike (Ives DP1) .....	23.72	4.78
08 71 16 00-0710	EA		Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1) .....	23.72	4.78
08 71 16 00-0711	EA		Bright Brass Finish, Brass Dust Proof Strike (Ives DP1) .....	23.72	4.78
08 71 16 00-0712	EA		Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1) .....	23.72	4.78
08 71 16 00-0713	EA		Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1) .....	23.72	4.78
08 71 16 00-0714	EA		Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2) .....	27.41	4.78
08 71 16 00-0715	EA		Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2) .....	27.41	4.78
08 71 16 00-0716	EA		Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2) .....	27.41	4.78
08 71 16 00-0717	EA		Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2) .....	27.41	4.78
08 71 16 00-0718	EA		Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2) .....	27.41	4.78
<b>08 71 16 00-0719</b>			<b>Roller Bumpers</b> (08 71 16 00-0420)		
<b>08 71 16 00-0720</b>			<b>Brass Roller Bumpers</b> (08 71 16 00-0719)		
08 71 16 00-0721	EA		5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470) .....	24.91	3.59
08 71 16 00-0722	EA		5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470) .....	29.33	3.59
08 71 16 00-0723	EA		5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470) .....	29.33	3.59
08 71 16 00-0724	EA		4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471) .....	23.91	3.59
08 71 16 00-0725	EA		4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471) .....	27.28	3.59
08 71 16 00-0726	EA		4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471) .....	27.28	3.59
08 71 16 00-0727	EA		4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471) .....	27.28	3.59
08 71 16 00-0728	EA		6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	24.98	3.59
08 71 16 00-0729	EA		6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	27.36	3.59
08 71 16 00-0730	EA		6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	28.48	3.59
08 71 16 00-0731	EA		6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	28.48	3.59
08 71 16 00-0732	EA		6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	28.48	3.59
08 71 16 00-0733	EA		6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	28.48	3.59
08 71 16 00-0734	EA		6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472) .....	28.48	3.59
<b>08 71 16 00-0735</b>			<b>Other Door Trim</b> (08 71 16 00-0420)		
<b>08 71 16 00-0736</b>			<b>Coat And Hat Hooks</b> (08 71 16 00-0735)		
<b>08 71 16 00-0737</b>			<b>Aluminum Coat And Hat Hooks</b> (08 71 16 00-0736)		
08 71 16 00-0738	EA		1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581) .....	8.37	3.59
08 71 16 00-0739	EA		1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581) .....	8.37	3.59
08 71 16 00-0740	EA		1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581) .....	8.45	3.59
08 71 16 00-0741	EA		1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571) .....	8.32	3.59
08 71 16 00-0742	EA		1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571) .....	8.32	3.59
08 71 16 00-0743	EA		1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571) .....	8.32	3.59
08 71 16 00-0744	EA		1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571) .....	8.45	3.59
08 71 16 00-0745	EA		1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405) .....	8.87	3.59
08 71 16 00-0746	EA		1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581) .....	8.87	3.59
08 71 16 00-0747	EA		1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) .....	8.87	3.59
08 71 16 00-0748	EA		1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) .....	8.87	3.59
08 71 16 00-0749	EA		1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405) .....	8.87	3.59
<b>08 71 16 00-0750</b>			<b>Brass Coat And Hat Hooks</b> (08 71 16 00-0736)		
08 71 16 00-0751	EA		1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581) .....	10.62	3.59
08 71 16 00-0752	EA		1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581) .....	10.83	3.59
08 71 16 00-0753	EA		1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581) .....	11.18	3.59
08 71 16 00-0754	EA		1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581) .....	11.18	3.59
08 71 16 00-0755	EA		1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581) .....	11.40	3.59
08 71 16 00-0756	EA		1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571) .....	12.09	3.59
08 71 16 00-0757	EA		1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571) .....	13.08	3.59
08 71 16 00-0758	EA		1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571) .....	13.08	3.59
08 71 16 00-0759	EA		1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571) .....	13.08	3.59
08 71 16 00-0760	EA		1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571) .....	13.30	3.59
<b>08 71 16 00-0761</b>			<b>Door Plates And Pulls</b> (08 71 16)		
<b>08 71 16 00-0762</b>			<b>Kick Plate</b> (08 71 16 00-0761) Note: Ives 8400.		
<b>08 71 16 00-0763</b>			<b>Aluminum Base Material Kick Plate</b> (08 71 16 00-0762)		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 16 00-0764 Satin Aluminum Finish, Aluminum Kick Plate</b> <small>(08 71 16 00-0763)</small>		
08 71 16 00-0765 EA 8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	25.28	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0766 EA 8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	26.29	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0767 EA 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	27.27	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0768 EA 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	15.36	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0769 EA 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	30.22	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0770 EA 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	31.20	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0771 EA 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	32.20	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0772 EA 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	33.19	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0773 EA 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	35.14	4.07
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0774 EA 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	36.14	4.07
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0775 EA 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	37.12	4.07
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0776 EA 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	39.09	4.31
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0777 EA 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	40.09	4.31
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0778 EA 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	41.07	4.31
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0779 EA 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	28.03	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0780 EA 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	29.27	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0781 EA 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	30.50	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0782 EA 10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	31.75	3.59
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0783 EA 10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	33.94	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0784 EA 10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	35.18	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0785 EA 10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	36.43	3.82
For Four Beveled Edges, Add	1.76	
For Counter Sink Holes, Add	5.60	
For UL Label (Fire Rated), Add	9.80	

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0786	EA		10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	37.66	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0787	EA		10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	39.87	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0788	EA		10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	41.11	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0789	EA		10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	42.35	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0790	EA		10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.56	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0791	EA		10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	45.79	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0792	EA		10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	47.03	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0793	EA		12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	30.76	3.59
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0794	EA		12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	32.24	3.59
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0795	EA		12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	33.75	3.59
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0796	EA		12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	35.21	3.59
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0797	EA		12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	37.66	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0798	EA		12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	39.15	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0799	EA		12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	40.64	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0800	EA		12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	42.14	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0801	EA		12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.59	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0802	EA		12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.07	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0803	EA		12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	47.57	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0804	EA		12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	50.02	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0805	EA		12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	51.51	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0806	EA		12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	53.01	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0807	EA		14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.42 1.76 5.60 9.80	3.82
08 71 16 00-0808	EA		14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.16 1.76 5.60 9.80	3.82
08 71 16 00-0809	EA		14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.93 1.76 5.60 9.80	3.82
08 71 16 00-0810	EA		14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.67 1.76 5.60 9.80	3.82
08 71 16 00-0811	EA		14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.35 1.76 5.60 9.80	4.07
08 71 16 00-0812	EA		14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.09 1.76 5.60 9.80	4.07
08 71 16 00-0813	EA		14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.83 1.76 5.60 9.80	4.07
08 71 16 00-0814	EA		14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.57 1.76 5.60 9.80	4.07
08 71 16 00-0815	EA		14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.27 1.76 5.60 9.80	4.31
08 71 16 00-0816	EA		14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.00 1.76 5.60 9.80	4.31
08 71 16 00-0817	EA		14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.74 1.76 5.60 9.80	4.31
08 71 16 00-0818	EA		14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.43 1.76 5.60 9.80	4.54
08 71 16 00-0819	EA		14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.18 1.76 5.60 9.80	4.54
08 71 16 00-0820	EA		14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.92 1.76 5.60 9.80	4.54
08 71 16 00-0821	EA		16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.17 1.76 5.60 9.80	3.82
08 71 16 00-0822	EA		16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.15 1.76 5.60 9.80	3.82
08 71 16 00-0823	EA		16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.15 1.76 5.60 9.80	3.82
08 71 16 00-0824	EA		16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.13 1.76 5.60 9.80	3.82
08 71 16 00-0825	EA		16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.09 1.76 5.60 9.80	4.07
08 71 16 00-0826	EA		16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.08 1.76 5.60 9.80	4.07
08 71 16 00-0827	EA		16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.07 1.76 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0828	EA		16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.05 1.76 5.60 9.80	4.07
08 71 16 00-0829	EA		16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.99 1.76 5.60 9.80	4.31
08 71 16 00-0830	EA		16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.99 1.76 5.60 9.80	4.31
08 71 16 00-0831	EA		16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.97 1.76 5.60 9.80	4.31
08 71 16 00-0832	EA		16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.90 1.76 5.60 9.80	4.54
08 71 16 00-0833	EA		16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.89 1.76 5.60 9.80	4.54
08 71 16 00-0834	EA		16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.90 1.76 5.60 9.80	4.54
08 71 16 00-0835	EA		18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.47 6.30 5.60 9.80	3.82
08 71 16 00-0836	EA		18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.86 6.30 5.60 9.80	3.82
08 71 16 00-0837	EA		18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.24 6.30 5.60 9.80	3.82
08 71 16 00-0838	EA		18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.62 6.30 5.60 9.80	3.82
08 71 16 00-0839	EA		18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.95 6.30 5.60 9.80	4.07
08 71 16 00-0840	EA		18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.33 6.30 5.60 9.80	4.07
08 71 16 00-0841	EA		18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.71 6.30 5.60 9.80	4.07
08 71 16 00-0842	EA		18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.09 6.30 5.60 9.80	4.07
08 71 16 00-0843	EA		18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.43 6.30 5.60 9.80	4.31
08 71 16 00-0844	EA		18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.81 6.30 5.60 9.80	4.31
08 71 16 00-0845	EA		18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.19 6.30 5.60 9.80	4.31
08 71 16 00-0846	EA		18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.52 6.30 5.60 9.80	4.54
08 71 16 00-0847	EA		18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.90 6.30 5.60 9.80	4.54
08 71 16 00-0848	EA		18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.28 6.30 5.60 9.80	4.54



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0849	EA		20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.34 6.30 5.60 9.80	4.07
08 71 16 00-0850	EA		20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.99 6.30 5.60 9.80	4.07
08 71 16 00-0851	EA		20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.63 6.30 5.60 9.80	4.07
08 71 16 00-0852	EA		20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.27 6.30 5.60 9.80	4.07
08 71 16 00-0853	EA		20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.88 6.30 5.60 9.80	4.31
08 71 16 00-0854	EA		20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.52 6.30 5.60 9.80	4.31
08 71 16 00-0855	EA		20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.16 6.30 5.60 9.80	4.31
08 71 16 00-0856	EA		20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.81 6.30 5.60 9.80	4.31
08 71 16 00-0857	EA		20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.40 6.30 5.60 9.80	4.54
08 71 16 00-0858	EA		20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.05 6.30 5.60 9.80	4.54
08 71 16 00-0859	EA		20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.69 6.30 5.60 9.80	4.54
08 71 16 00-0860	EA		20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.29 6.30 5.60 9.80	4.78
08 71 16 00-0861	EA		20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.94 6.30 5.60 9.80	4.78
08 71 16 00-0862	EA		20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.58 6.30 5.60 9.80	4.78
08 71 16 00-0863	EA		22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.25 6.30 5.60 9.80	4.07
08 71 16 00-0864	EA		22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.16 6.30 5.60 9.80	4.07
08 71 16 00-0865	EA		22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.06 6.30 5.60 9.80	4.07
08 71 16 00-0866	EA		22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.97 6.30 5.60 9.80	4.07
08 71 16 00-0867	EA		22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.85 6.30 5.60 9.80	4.31
08 71 16 00-0868	EA		22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.76 6.30 5.60 9.80	4.31
08 71 16 00-0869	EA		22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.66 6.30 5.60 9.80	4.31

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0870	EA		22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.57 6.30 5.60 9.80	4.31
08 71 16 00-0871	EA		22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.43 6.30 5.60 9.80	4.54
08 71 16 00-0872	EA		22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.33 6.30 5.60 9.80	4.54
08 71 16 00-0873	EA		22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.24 6.30 5.60 9.80	4.54
08 71 16 00-0874	EA		22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.11 6.30 5.60 9.80	4.78
08 71 16 00-0875	EA		22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.01 6.30 5.60 9.80	4.78
08 71 16 00-0876	EA		22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.92 6.30 5.60 9.80	4.78
08 71 16 00-0877	EA		24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.16 6.30 5.60 9.80	4.07
08 71 16 00-0878	EA		24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.33 6.30 5.60 9.80	4.07
08 71 16 00-0879	EA		24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.51 6.30 5.60 9.80	4.07
08 71 16 00-0880	EA		24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.68 6.30 5.60 9.80	4.07
08 71 16 00-0881	EA		24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.81 6.30 5.60 9.80	4.31
08 71 16 00-0882	EA		24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.98 6.30 5.60 9.80	4.31
08 71 16 00-0883	EA		24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.15 6.30 5.60 9.80	4.31
08 71 16 00-0884	EA		24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.33 6.30 5.60 9.80	4.31
08 71 16 00-0885	EA		24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.45 6.30 5.60 9.80	4.54
08 71 16 00-0886	EA		24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.62 6.30 5.60 9.80	4.54
08 71 16 00-0887	EA		24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.79 6.30 5.60 9.80	4.54
08 71 16 00-0888	EA		24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.92 6.30 5.60 9.80	4.78
08 71 16 00-0889	EA		24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.10 6.30 5.60 9.80	4.78
08 71 16 00-0890	EA		24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.27 6.30 5.60 9.80	4.78





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0891 Brass Base Material Kick Plate <small>(08 71 16 00-0762)</small>		
08 71 16 00-0892 Bright/Satin Brass Finish, Brass Kick Plate <small>(08 71 16 00-0891)</small>		
08 71 16 00-0893 EA 8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.53 1.76 5.60 9.80	3.59
08 71 16 00-0894 EA 8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.81 1.76 5.60 9.80	3.59
08 71 16 00-0895 EA 8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.11 1.76 5.60 9.80	3.59
08 71 16 00-0896 EA 8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.39 1.76 5.60 9.80	3.59
08 71 16 00-0897 EA 8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.63 1.76 5.60 9.80	3.82
08 71 16 00-0898 EA 8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.94 1.76 5.60 9.80	3.82
08 71 16 00-0899 EA 8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.22 1.76 5.60 9.80	3.82
08 71 16 00-0900 EA 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.50 1.76 5.60 9.80	3.82
08 71 16 00-0901 EA 8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.75 1.76 5.60 9.80	4.07
08 71 16 00-0902 EA 8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.03 1.76 5.60 9.80	4.07
08 71 16 00-0903 EA 8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.32 1.76 5.60 9.80	4.07
08 71 16 00-0904 EA 8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.56 1.76 5.60 9.80	4.31
08 71 16 00-0905 EA 8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.87 1.76 5.60 9.80	4.31
08 71 16 00-0906 EA 8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.16 1.76 5.60 9.80	4.31
08 71 16 00-0907 EA 10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.58 1.76 5.60 9.80	3.59
08 71 16 00-0908 EA 10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.68 1.76 5.60 9.80	3.59
08 71 16 00-0909 EA 10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.80 1.76 5.60 9.80	3.59
08 71 16 00-0910 EA 10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.91 1.76 5.60 9.80	3.59
08 71 16 00-0911 EA 10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.95 1.76 5.60 9.80	3.82
08 71 16 00-0912 EA 10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.07 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0913	EA		10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.19 1.76 5.60 9.80	3.82
08 71 16 00-0914	EA		10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.30 1.76 5.60 9.80	3.82
08 71 16 00-0915	EA		10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.36 1.76 5.60 9.80	4.07
08 71 16 00-0916	EA		10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.48 1.76 5.60 9.80	4.07
08 71 16 00-0917	EA		10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.60 1.76 5.60 9.80	4.07
08 71 16 00-0918	EA		10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.66 1.76 5.60 9.80	4.31
08 71 16 00-0919	EA		10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.78 1.76 5.60 9.80	4.31
08 71 16 00-0920	EA		10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.89 1.76 5.60 9.80	4.31
08 71 16 00-0921	EA		12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.60 1.76 5.60 9.80	3.59
08 71 16 00-0922	EA		12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.55 1.76 5.60 9.80	3.59
08 71 16 00-0923	EA		12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.48 1.76 5.60 9.80	3.59
08 71 16 00-0924	EA		12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.41 1.76 5.60 9.80	3.59
08 71 16 00-0925	EA		12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.30 1.76 5.60 9.80	3.82
08 71 16 00-0926	EA		12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.24 1.76 5.60 9.80	3.82
08 71 16 00-0927	EA		12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.17 1.76 5.60 9.80	3.82
08 71 16 00-0928	EA		12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.09 1.76 5.60 9.80	3.82
08 71 16 00-0929	EA		12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.01 1.76 5.60 9.80	4.07
08 71 16 00-0930	EA		12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.93 1.76 5.60 9.80	4.07
08 71 16 00-0931	EA		12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.86 1.76 5.60 9.80	4.07
08 71 16 00-0932	EA		12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.75 1.76 5.60 9.80	4.31
08 71 16 00-0933	EA		12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.67 1.76 5.60 9.80	4.31



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0934	EA		12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.63 1.76 5.60 9.80	4.31
08 71 16 00-0935	EA		14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.61 1.76 5.60 9.80	3.82
08 71 16 00-0936	EA		14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.36 1.76 5.60 9.80	3.82
08 71 16 00-0937	EA		14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.12 1.76 5.60 9.80	3.82
08 71 16 00-0938	EA		14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.88 1.76 5.60 9.80	3.82
08 71 16 00-0939	EA		14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.60 1.76 5.60 9.80	4.07
08 71 16 00-0940	EA		14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.36 1.76 5.60 9.80	4.07
08 71 16 00-0941	EA		14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.10 1.76 5.60 9.80	4.07
08 71 16 00-0942	EA		14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.86 1.76 5.60 9.80	4.07
08 71 16 00-0943	EA		14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.58 1.76 5.60 9.80	4.31
08 71 16 00-0944	EA		14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.33 1.76 5.60 9.80	4.31
08 71 16 00-0945	EA		14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.08 1.76 5.60 9.80	4.31
08 71 16 00-0946	EA		14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.79 1.76 5.60 9.80	4.54
08 71 16 00-0947	EA		14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.55 1.76 5.60 9.80	4.54
08 71 16 00-0948	EA		14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.31 1.76 5.60 9.80	4.54
08 71 16 00-0949	EA		16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.64 1.76 5.60 9.80	3.82
08 71 16 00-0950	EA		16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.24 1.76 5.60 9.80	3.82
08 71 16 00-0951	EA		16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.81 1.76 5.60 9.80	3.82
08 71 16 00-0952	EA		16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.40 1.76 5.60 9.80	3.82
08 71 16 00-0953	EA		16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.93 1.76 5.60 9.80	4.07
08 71 16 00-0954	EA		16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.50 1.76 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0955	EA		16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	128.08	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0956	EA		16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	134.67	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0957	EA		16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	142.20	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0958	EA		16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	148.77	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0959	EA		16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	155.36	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0960	EA		16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	162.88	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0961	EA		16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	169.45	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0962	EA		16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	176.04	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0963	EA		18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	122.36	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0964	EA		18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	132.08	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0965	EA		18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	141.80	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0966	EA		18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	151.55	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0967	EA		18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	162.24	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0968	EA		18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	171.96	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0969	EA		18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	181.71	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0970	EA		18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	191.43	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0971	EA		18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	202.14	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0972	EA		18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	211.87	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0973	EA		18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	221.58	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0974	EA		18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	232.28	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0975	EA		18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	242.00	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-0976	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	251.73 6.30 5.60 9.80	4.54
08 71	16 00-0977	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.21 6.30 5.60 9.80	4.07
08 71	16 00-0978	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.01 6.30 5.60 9.80	4.07
08 71	16 00-0979	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.84 6.30 5.60 9.80	4.07
08 71	16 00-0980	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.63 6.30 5.60 9.80	4.07
08 71	16 00-0981	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.42 6.30 5.60 9.80	4.31
08 71	16 00-0982	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.23 6.30 5.60 9.80	4.31
08 71	16 00-0983	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.04 6.30 5.60 9.80	4.31
08 71	16 00-0984	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.87 6.30 5.60 9.80	4.31
08 71	16 00-0985	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.61 6.30 5.60 9.80	4.54
08 71	16 00-0986	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.43 6.30 5.60 9.80	4.54
08 71	16 00-0987	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.25 6.30 5.60 9.80	4.54
08 71	16 00-0988	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	257.01 6.30 5.60 9.80	4.78
08 71	16 00-0989	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.84 6.30 5.60 9.80	4.78
08 71	16 00-0990	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.63 6.30 5.60 9.80	4.78
08 71	16 00-0991	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.11 6.30 5.60 9.80	4.07
08 71	16 00-0992	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.99 6.30 5.60 9.80	4.07
08 71	16 00-0993	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.88 6.30 5.60 9.80	4.07
08 71	16 00-0994	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.78 6.30 5.60 9.80	4.07
08 71	16 00-0995	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.64 6.30 5.60 9.80	4.31
08 71	16 00-0996	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.54 6.30 5.60 9.80	4.31

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0997	EA		22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.43 6.30 5.60 9.80	4.31
08 71 16 00-0998	EA		22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	231.33 6.30 5.60 9.80	4.31
08 71 16 00-0999	EA		22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.16 6.30 5.60 9.80	4.54
08 71 16 00-1000	EA		22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.05 6.30 5.60 9.80	4.54
08 71 16 00-1001	EA		22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.96 6.30 5.60 9.80	4.54
08 71 16 00-1002	EA		22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	280.81 6.30 5.60 9.80	4.78
08 71 16 00-1003	EA		22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	292.71 6.30 5.60 9.80	4.78
08 71 16 00-1004	EA		22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.58 6.30 5.60 9.80	4.78
08 71 16 00-1005	EA		24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.99 6.30 5.60 9.80	4.07
08 71 16 00-1006	EA		24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.96 6.30 5.60 9.80	4.07
08 71 16 00-1007	EA		24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	184.95 6.30 5.60 9.80	4.07
08 71 16 00-1008	EA		24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.93 6.30 5.60 9.80	4.07
08 71 16 00-1009	EA		24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.87 6.30 5.60 9.80	4.31
08 71 16 00-1010	EA		24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	224.83 6.30 5.60 9.80	4.31
08 71 16 00-1011	EA		24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.81 6.30 5.60 9.80	4.31
08 71 16 00-1012	EA		24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	251.50 6.30 5.60 9.80	4.31
08 71 16 00-1013	EA		24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	264.71 6.30 5.60 9.80	4.54
08 71 16 00-1014	EA		24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	277.67 6.30 5.60 9.80	4.54
08 71 16 00-1015	EA		24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.65 6.30 5.60 9.80	4.54
08 71 16 00-1016	EA		24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.58 6.30 5.60 9.80	4.78
08 71 16 00-1017	EA		24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	317.58 6.30 5.60 9.80	4.78



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1018	EA		24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.55 6.30 5.60 9.80	4.78
<b>08 71 16 00-1019</b>			<b>Bright/Satin Chrome Finish, Brass Kick Plate</b> <small>(08 71 16 00-0891)</small>		
08 71 16 00-1020	EA		8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.25 1.76 5.60 9.80	3.59
08 71 16 00-1021	EA		8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.88 1.76 5.60 9.80	3.59
08 71 16 00-1022	EA		8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.50 1.76 5.60 9.80	3.59
08 71 16 00-1023	EA		8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.13 1.76 5.60 9.80	3.59
08 71 16 00-1024	EA		8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.71 1.76 5.60 9.80	3.82
08 71 16 00-1025	EA		8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.33 1.76 5.60 9.80	3.82
08 71 16 00-1026	EA		8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.95 1.76 5.60 9.80	3.82
08 71 16 00-1027	EA		8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.58 1.76 5.60 9.80	3.82
08 71 16 00-1028	EA		8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.17 1.76 5.60 9.80	4.07
08 71 16 00-1029	EA		8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.81 1.76 5.60 9.80	4.07
08 71 16 00-1030	EA		8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.44 1.76 5.60 9.80	4.07
08 71 16 00-1031	EA		8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.03 1.76 5.60 9.80	4.31
08 71 16 00-1032	EA		8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.65 1.76 5.60 9.80	4.31
08 71 16 00-1033	EA		8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.28 1.76 5.60 9.80	4.31
08 71 16 00-1034	EA		10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.23 1.76 5.60 9.80	3.59
08 71 16 00-1035	EA		10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.76 1.76 5.60 9.80	3.59
08 71 16 00-1036	EA		10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.29 1.76 5.60 9.80	3.59
08 71 16 00-1037	EA		10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.82 1.76 5.60 9.80	3.59
08 71 16 00-1038	EA		10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.32 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1039	EA		10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.85 1.76 5.60 9.80	3.82
08 71 16 00-1040	EA		10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.38 1.76 5.60 9.80	3.82
08 71 16 00-1041	EA		10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.91 1.76 5.60 9.80	3.82
08 71 16 00-1042	EA		10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.41 1.76 5.60 9.80	4.07
08 71 16 00-1043	EA		10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.94 1.76 5.60 9.80	4.07
08 71 16 00-1044	EA		10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.47 1.76 5.60 9.80	4.07
08 71 16 00-1045	EA		10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.96 1.76 5.60 9.80	4.31
08 71 16 00-1046	EA		10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.50 1.76 5.60 9.80	4.31
08 71 16 00-1047	EA		10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.03 1.76 5.60 9.80	4.31
08 71 16 00-1048	EA		12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.20 1.76 5.60 9.80	3.59
08 71 16 00-1049	EA		12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.63 1.76 5.60 9.80	3.59
08 71 16 00-1050	EA		12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.09 1.76 5.60 9.80	3.59
08 71 16 00-1051	EA		12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.53 1.76 5.60 9.80	3.59
08 71 16 00-1052	EA		12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.91 1.76 5.60 9.80	3.82
08 71 16 00-1053	EA		12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.36 1.76 5.60 9.80	3.82
08 71 16 00-1054	EA		12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.80 1.76 5.60 9.80	3.82
08 71 16 00-1055	EA		12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.23 1.76 5.60 9.80	3.82
08 71 16 00-1056	EA		12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.63 1.76 5.60 9.80	4.07
08 71 16 00-1057	EA		12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.07 1.76 5.60 9.80	4.07
08 71 16 00-1058	EA		12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.52 1.76 5.60 9.80	4.07
08 71 16 00-1059	EA		12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.91 1.76 5.60 9.80	4.31





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1060	EA		12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.37 1.76 5.60 9.80	4.31
08 71 16 00-1061	EA		12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.81 1.76 5.60 9.80	4.31
08 71 16 00-1062	EA		14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.11 1.76 5.60 9.80	3.82
08 71 16 00-1063	EA		14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.48 1.76 5.60 9.80	3.82
08 71 16 00-1064	EA		14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.83 1.76 5.60 9.80	3.82
08 71 16 00-1065	EA		14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.17 1.76 5.60 9.80	3.82
08 71 16 00-1066	EA		14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.47 1.76 5.60 9.80	4.07
08 71 16 00-1067	EA		14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.82 1.76 5.60 9.80	4.07
08 71 16 00-1068	EA		14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.16 1.76 5.60 9.80	4.07
08 71 16 00-1069	EA		14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.52 1.76 5.60 9.80	4.07
08 71 16 00-1070	EA		14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.84 1.76 5.60 9.80	4.31
08 71 16 00-1071	EA		14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.18 1.76 5.60 9.80	4.31
08 71 16 00-1072	EA		14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.52 1.76 5.60 9.80	4.31
08 71 16 00-1073	EA		14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.38 1.76 5.60 9.80	4.54
08 71 16 00-1074	EA		14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.16 1.76 5.60 9.80	4.54
08 71 16 00-1075	EA		14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.51 1.76 5.60 9.80	4.54
08 71 16 00-1076	EA		16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.11 1.76 5.60 9.80	3.82
08 71 16 00-1077	EA		16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.36 1.76 5.60 9.80	3.82
08 71 16 00-1078	EA		16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.61 1.76 5.60 9.80	3.82
08 71 16 00-1079	EA		16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.86 1.76 5.60 9.80	3.82
08 71 16 00-1080	EA		16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.07 1.76 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1081	EA		16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.35 1.76 5.60 9.80	4.07
08 71 16 00-1082	EA		16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.59 1.76 5.60 9.80	4.07
08 71 16 00-1083	EA		16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.85 1.76 5.60 9.80	4.07
08 71 16 00-1084	EA		16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.05 1.76 5.60 9.80	4.31
08 71 16 00-1085	EA		16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.31 1.76 5.60 9.80	4.31
08 71 16 00-1086	EA		16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.56 1.76 5.60 9.80	4.31
08 71 16 00-1087	EA		16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.76 1.76 5.60 9.80	4.54
08 71 16 00-1088	EA		16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.03 1.76 5.60 9.80	4.54
08 71 16 00-1089	EA		16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.28 1.76 5.60 9.80	4.54
08 71 16 00-1090	EA		18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.65 6.30 5.60 9.80	3.82
08 71 16 00-1091	EA		18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.51 6.30 5.60 9.80	3.82
08 71 16 00-1092	EA		18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.35 6.30 5.60 9.80	3.82
08 71 16 00-1093	EA		18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.21 6.30 5.60 9.80	3.82
08 71 16 00-1094	EA		18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.01 6.30 5.60 9.80	4.07
08 71 16 00-1095	EA		18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71 16 00-1096	EA		18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.71 6.30 5.60 9.80	4.07
08 71 16 00-1097	EA		18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.56 6.30 5.60 9.80	4.07
08 71 16 00-1098	EA		18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.36 6.30 5.60 9.80	4.31
08 71 16 00-1099	EA		18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71 16 00-1100	EA		18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.08 6.30 5.60 9.80	4.31
08 71 16 00-1101	EA		18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.87 6.30 5.60 9.80	4.54



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1102	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.73 6.30 5.60 9.80	4.54
08 71	16 00-1103	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.57 6.30 5.60 9.80	4.54
08 71	16 00-1104	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.86 6.30 5.60 9.80	4.07
08 71	16 00-1105	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.94 6.30 5.60 9.80	4.07
08 71	16 00-1106	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.98 6.30 5.60 9.80	4.07
08 71	16 00-1107	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.05 6.30 5.60 9.80	4.07
08 71	16 00-1108	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.05 6.30 5.60 9.80	4.31
08 71	16 00-1109	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.10 6.30 5.60 9.80	4.31
08 71	16 00-1110	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.17 6.30 5.60 9.80	4.31
08 71	16 00-1111	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71	16 00-1112	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.24 6.30 5.60 9.80	4.54
08 71	16 00-1113	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.28 6.30 5.60 9.80	4.54
08 71	16 00-1114	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.33 6.30 5.60 9.80	4.54
08 71	16 00-1115	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	284.36 6.30 5.60 9.80	4.78
08 71	16 00-1116	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.41 6.30 5.60 9.80	4.78
08 71	16 00-1117	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.47 6.30 5.60 9.80	4.78
08 71	16 00-1118	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.13 6.30 5.60 9.80	4.07
08 71	16 00-1119	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71	16 00-1120	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.66 6.30 5.60 9.80	4.07
08 71	16 00-1121	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.91 6.30 5.60 9.80	4.07
08 71	16 00-1122	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.15 6.30 5.60 9.80	4.31

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1123	EA		22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	229.40 6.30 5.60 9.80	4.31
08 71 16 00-1124	EA		22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.66 6.30 5.60 9.80	4.31
08 71 16 00-1125	EA		22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.92 6.30 5.60 9.80	4.31
08 71 16 00-1126	EA		22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.14 6.30 5.60 9.80	4.54
08 71 16 00-1127	EA		22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.40 6.30 5.60 9.80	4.54
08 71 16 00-1128	EA		22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.66 6.30 5.60 9.80	4.54
08 71 16 00-1129	EA		22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.87 6.30 5.60 9.80	4.78
08 71 16 00-1130	EA		22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.13 6.30 5.60 9.80	4.78
08 71 16 00-1131	EA		22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78
08 71 16 00-1132	EA		24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71 16 00-1133	EA		24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71 16 00-1134	EA		24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.32 6.30 5.60 9.80	4.07
08 71 16 00-1135	EA		24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.79 6.30 5.60 9.80	4.07
08 71 16 00-1136	EA		24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71 16 00-1137	EA		24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.68 6.30 5.60 9.80	4.31
08 71 16 00-1138	EA		24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	263.17 6.30 5.60 9.80	4.31
08 71 16 00-1139	EA		24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	277.62 6.30 5.60 9.80	4.31
08 71 16 00-1140	EA		24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	293.03 6.30 5.60 9.80	4.54
08 71 16 00-1141	EA		24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.51 6.30 5.60 9.80	4.54
08 71 16 00-1142	EA		24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.98 6.30 5.60 9.80	4.54
08 71 16 00-1143	EA		24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1144	EA		24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.87 6.30 5.60 9.80	4.78
08 71 16 00-1145	EA		24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	366.34 6.30 5.60 9.80	4.78
<b>08 71 16 00-1146 Satin/Dark Bronze Finish, Brass Kick Plate (08 71 16 00-0891)</b>					
08 71 16 00-1147	EA		8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.96 1.76 5.60 9.80	3.59
08 71 16 00-1148	EA		8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.63 1.76 5.60 9.80	3.59
08 71 16 00-1149	EA		8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.34 1.76 5.60 9.80	3.59
08 71 16 00-1150	EA		8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.01 1.76 5.60 9.80	3.59
08 71 16 00-1151	EA		8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.67 1.76 5.60 9.80	3.82
08 71 16 00-1152	EA		8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.36 1.76 5.60 9.80	3.82
08 71 16 00-1153	EA		8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.05 1.76 5.60 9.80	3.82
08 71 16 00-1154	EA		8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.74 1.76 5.60 9.80	3.82
08 71 16 00-1155	EA		8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.37 1.76 5.60 9.80	4.07
08 71 16 00-1156	EA		8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.08 1.76 5.60 9.80	4.07
08 71 16 00-1157	EA		8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.77 1.76 5.60 9.80	4.07
08 71 16 00-1158	EA		8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.42 1.76 5.60 9.80	4.31
08 71 16 00-1159	EA		8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.11 1.76 5.60 9.80	4.31
08 71 16 00-1160	EA		8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.80 1.76 5.60 9.80	4.31
08 71 16 00-1161	EA		10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.10 1.76 5.60 9.80	3.59
08 71 16 00-1162	EA		10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.72 1.76 5.60 9.80	3.59
08 71 16 00-1163	EA		10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.32 1.76 5.60 9.80	3.59
08 71 16 00-1164	EA		10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.93 1.76 5.60 9.80	3.59

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1165	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.50 1.76 5.60 9.80	3.82
08 71	16 00-1166	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.12 1.76 5.60 9.80	3.82
08 71	16 00-1167	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.72 1.76 5.60 9.80	3.82
08 71	16 00-1168	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.33 1.76 5.60 9.80	3.82
08 71	16 00-1169	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.92 1.76 5.60 9.80	4.07
08 71	16 00-1170	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.53 1.76 5.60 9.80	4.07
08 71	16 00-1171	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.13 1.76 5.60 9.80	4.07
08 71	16 00-1172	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.73 1.76 5.60 9.80	4.31
08 71	16 00-1173	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.33 1.76 5.60 9.80	4.31
08 71	16 00-1174	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.94 1.76 5.60 9.80	4.31
08 71	16 00-1175	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.25 1.76 5.60 9.80	3.59
08 71	16 00-1176	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.79 1.76 5.60 9.80	3.59
08 71	16 00-1177	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.32 1.76 5.60 9.80	3.59
08 71	16 00-1178	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.86 1.76 5.60 9.80	3.59
08 71	16 00-1179	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.33 1.76 5.60 9.80	3.82
08 71	16 00-1180	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.88 1.76 5.60 9.80	3.82
08 71	16 00-1181	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.42 1.76 5.60 9.80	3.82
08 71	16 00-1182	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.95 1.76 5.60 9.80	3.82
08 71	16 00-1183	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.45 1.76 5.60 9.80	4.07
08 71	16 00-1184	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.98 1.76 5.60 9.80	4.07
08 71	16 00-1185	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.51 1.76 5.60 9.80	4.07



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1186	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.01 1.76 5.60 9.80	4.31
08 71	16 00-1187	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.56 1.76 5.60 9.80	4.31
08 71	16 00-1188	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.08 1.76 5.60 9.80	4.31
08 71	16 00-1189	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.34 1.76 5.60 9.80	3.82
08 71	16 00-1190	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.81 1.76 5.60 9.80	3.82
08 71	16 00-1191	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.26 1.76 5.60 9.80	3.82
08 71	16 00-1192	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.72 1.76 5.60 9.80	3.82
08 71	16 00-1193	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.13 1.76 5.60 9.80	4.07
08 71	16 00-1194	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.60 1.76 5.60 9.80	4.07
08 71	16 00-1195	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.05 1.76 5.60 9.80	4.07
08 71	16 00-1196	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.51 1.76 5.60 9.80	4.07
08 71	16 00-1197	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.93 1.76 5.60 9.80	4.31
08 71	16 00-1198	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.39 1.76 5.60 9.80	4.31
08 71	16 00-1199	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.84 1.76 5.60 9.80	4.31
08 71	16 00-1200	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.26 1.76 5.60 9.80	4.54
08 71	16 00-1201	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.74 1.76 5.60 9.80	4.54
08 71	16 00-1202	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.19 1.76 5.60 9.80	4.54
08 71	16 00-1203	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.50 1.76 5.60 9.80	3.82
08 71	16 00-1204	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.88 1.76 5.60 9.80	3.82
08 71	16 00-1205	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.25 1.76 5.60 9.80	3.82
08 71	16 00-1206	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.64 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1207	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.98 1.76 5.60 9.80	4.07
08 71	16 00-1208	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.36 1.76 5.60 9.80	4.07
08 71	16 00-1209	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.74 1.76 5.60 9.80	4.07
08 71	16 00-1210	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.12 1.76 5.60 9.80	4.07
08 71	16 00-1211	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.48 1.76 5.60 9.80	4.31
08 71	16 00-1212	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.86 1.76 5.60 9.80	4.31
08 71	16 00-1213	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.24 1.76 5.60 9.80	4.31
08 71	16 00-1214	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.55 1.76 5.60 9.80	4.54
08 71	16 00-1215	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.95 1.76 5.60 9.80	4.54
08 71	16 00-1216	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.33 1.76 5.60 9.80	4.54
08 71	16 00-1217	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.65 6.30 5.60 9.80	3.82
08 71	16 00-1218	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.51 6.30 5.60 9.80	3.82
08 71	16 00-1219	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.35 6.30 5.60 9.80	3.82
08 71	16 00-1220	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.21 6.30 5.60 9.80	3.82
08 71	16 00-1221	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.01 6.30 5.60 9.80	4.07
08 71	16 00-1222	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71	16 00-1223	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.71 6.30 5.60 9.80	4.07
08 71	16 00-1224	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.56 6.30 5.60 9.80	4.07
08 71	16 00-1225	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.36 6.30 5.60 9.80	4.31
08 71	16 00-1226	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71	16 00-1227	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.08 6.30 5.60 9.80	4.31





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1228	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.87 6.30 5.60 9.80	4.54
08 71	16 00-1229	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.73 6.30 5.60 9.80	4.54
08 71	16 00-1230	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.57 6.30 5.60 9.80	4.54
08 71	16 00-1231	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.86 6.30 5.60 9.80	4.07
08 71	16 00-1232	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.94 6.30 5.60 9.80	4.07
08 71	16 00-1233	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.98 6.30 5.60 9.80	4.07
08 71	16 00-1234	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.05 6.30 5.60 9.80	4.07
08 71	16 00-1235	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.05 6.30 5.60 9.80	4.31
08 71	16 00-1236	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.10 6.30 5.60 9.80	4.31
08 71	16 00-1237	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.17 6.30 5.60 9.80	4.31
08 71	16 00-1238	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71	16 00-1239	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.24 6.30 5.60 9.80	4.54
08 71	16 00-1240	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.28 6.30 5.60 9.80	4.54
08 71	16 00-1241	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.33 6.30 5.60 9.80	4.54
08 71	16 00-1242	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	284.36 6.30 5.60 9.80	4.78
08 71	16 00-1243	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.41 6.30 5.60 9.80	4.78
08 71	16 00-1244	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.47 6.30 5.60 9.80	4.78
08 71	16 00-1245	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.13 6.30 5.60 9.80	4.07
08 71	16 00-1246	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71	16 00-1247	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.66 6.30 5.60 9.80	4.07
08 71	16 00-1248	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.91 6.30 5.60 9.80	4.07

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1249	EA		22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.15 6.30 5.60 9.80	4.31
08 71 16 00-1250	EA		22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	229.40 6.30 5.60 9.80	4.31
08 71 16 00-1251	EA		22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.66 6.30 5.60 9.80	4.31
08 71 16 00-1252	EA		22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.92 6.30 5.60 9.80	4.31
08 71 16 00-1253	EA		22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.14 6.30 5.60 9.80	4.54
08 71 16 00-1254	EA		22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.40 6.30 5.60 9.80	4.54
08 71 16 00-1255	EA		22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.66 6.30 5.60 9.80	4.54
08 71 16 00-1256	EA		22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.87 6.30 5.60 9.80	4.78
08 71 16 00-1257	EA		22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.13 6.30 5.60 9.80	4.78
08 71 16 00-1258	EA		22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78
08 71 16 00-1259	EA		24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71 16 00-1260	EA		24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71 16 00-1261	EA		24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.32 6.30 5.60 9.80	4.07
08 71 16 00-1262	EA		24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.79 6.30 5.60 9.80	4.07
08 71 16 00-1263	EA		24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71 16 00-1264	EA		24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.68 6.30 5.60 9.80	4.31
08 71 16 00-1265	EA		24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	263.17 6.30 5.60 9.80	4.31
08 71 16 00-1266	EA		24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	277.62 6.30 5.60 9.80	4.31
08 71 16 00-1267	EA		24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	293.03 6.30 5.60 9.80	4.54
08 71 16 00-1268	EA		24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.51 6.30 5.60 9.80	4.54
08 71 16 00-1269	EA		24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.98 6.30 5.60 9.80	4.54



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1270	EA		24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78
08 71 16 00-1271	EA		24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.87 6.30 5.60 9.80	4.78
08 71 16 00-1272	EA		24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	366.34 6.30 5.60 9.80	4.78
<b>08 71 16 00-1273 Satin Nickel Finish, Brass Kick Plate (08 71 16 00-0891)</b>					
08 71 16 00-1274	EA		8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.96 1.76 5.60 9.80	3.59
08 71 16 00-1275	EA		8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.63 1.76 5.60 9.80	3.59
08 71 16 00-1276	EA		8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.34 1.76 5.60 9.80	3.59
08 71 16 00-1277	EA		8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.01 1.76 5.60 9.80	3.59
08 71 16 00-1278	EA		8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.67 1.76 5.60 9.80	3.82
08 71 16 00-1279	EA		8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.36 1.76 5.60 9.80	3.82
08 71 16 00-1280	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.05 1.76 5.60 9.80	3.82
08 71 16 00-1281	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.74 1.76 5.60 9.80	3.82
08 71 16 00-1282	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.37 1.76 5.60 9.80	4.07
08 71 16 00-1283	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.08 1.76 5.60 9.80	4.07
08 71 16 00-1284	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.77 1.76 5.60 9.80	4.07
08 71 16 00-1285	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.42 1.76 5.60 9.80	4.31
08 71 16 00-1286	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.11 1.76 5.60 9.80	4.31
08 71 16 00-1287	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.80 1.76 5.60 9.80	4.31
08 71 16 00-1288	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.10 1.76 5.60 9.80	3.59
08 71 16 00-1289	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.72 1.76 5.60 9.80	3.59
08 71 16 00-1290	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.32 1.76 5.60 9.80	3.59

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1291	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.93 1.76 5.60 9.80	3.59
08 71 16 00-1292	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.50 1.76 5.60 9.80	3.82
08 71 16 00-1293	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.12 1.76 5.60 9.80	3.82
08 71 16 00-1294	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.72 1.76 5.60 9.80	3.82
08 71 16 00-1295	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.33 1.76 5.60 9.80	3.82
08 71 16 00-1296	EA		10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.92 1.76 5.60 9.80	4.07
08 71 16 00-1297	EA		10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.53 1.76 5.60 9.80	4.07
08 71 16 00-1298	EA		10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.13 1.76 5.60 9.80	4.07
08 71 16 00-1299	EA		10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.73 1.76 5.60 9.80	4.31
08 71 16 00-1300	EA		10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.33 1.76 5.60 9.80	4.31
08 71 16 00-1301	EA		10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.94 1.76 5.60 9.80	4.31
08 71 16 00-1302	EA		12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.25 1.76 5.60 9.80	3.59
08 71 16 00-1303	EA		12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.79 1.76 5.60 9.80	3.59
08 71 16 00-1304	EA		12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.32 1.76 5.60 9.80	3.59
08 71 16 00-1305	EA		12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.86 1.76 5.60 9.80	3.59
08 71 16 00-1306	EA		12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.33 1.76 5.60 9.80	3.82
08 71 16 00-1307	EA		12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.88 1.76 5.60 9.80	3.82
08 71 16 00-1308	EA		12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.42 1.76 5.60 9.80	3.82
08 71 16 00-1309	EA		12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.95 1.76 5.60 9.80	3.82
08 71 16 00-1310	EA		12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.45 1.76 5.60 9.80	4.07
08 71 16 00-1311	EA		12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.98 1.76 5.60 9.80	4.07



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1312	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.51 1.76 5.60 9.80	4.07
08 71	16 00-1313	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.01 1.76 5.60 9.80	4.31
08 71	16 00-1314	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.56 1.76 5.60 9.80	4.31
08 71	16 00-1315	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.08 1.76 5.60 9.80	4.31
08 71	16 00-1316	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.34 1.76 5.60 9.80	3.82
08 71	16 00-1317	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.81 1.76 5.60 9.80	3.82
08 71	16 00-1318	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.26 1.76 5.60 9.80	3.82
08 71	16 00-1319	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.72 1.76 5.60 9.80	3.82
08 71	16 00-1320	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.13 1.76 5.60 9.80	4.07
08 71	16 00-1321	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.60 1.76 5.60 9.80	4.07
08 71	16 00-1322	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.05 1.76 5.60 9.80	4.07
08 71	16 00-1323	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.51 1.76 5.60 9.80	4.07
08 71	16 00-1324	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.93 1.76 5.60 9.80	4.31
08 71	16 00-1325	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.39 1.76 5.60 9.80	4.31
08 71	16 00-1326	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.84 1.76 5.60 9.80	4.31
08 71	16 00-1327	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.26 1.76 5.60 9.80	4.54
08 71	16 00-1328	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.74 1.76 5.60 9.80	4.54
08 71	16 00-1329	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.19 1.76 5.60 9.80	4.54
08 71	16 00-1330	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.50 1.76 5.60 9.80	3.82
08 71	16 00-1331	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.88 1.76 5.60 9.80	3.82
08 71	16 00-1332	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.25 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1333	EA		16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.64 1.76 5.60 9.80	3.82
08 71 16 00-1334	EA		16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.98 1.76 5.60 9.80	4.07
08 71 16 00-1335	EA		16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.36 1.76 5.60 9.80	4.07
08 71 16 00-1336	EA		16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.74 1.76 5.60 9.80	4.07
08 71 16 00-1337	EA		16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.12 1.76 5.60 9.80	4.07
08 71 16 00-1338	EA		16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.48 1.76 5.60 9.80	4.31
08 71 16 00-1339	EA		16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.86 1.76 5.60 9.80	4.31
08 71 16 00-1340	EA		16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.24 1.76 5.60 9.80	4.31
08 71 16 00-1341	EA		16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.55 1.76 5.60 9.80	4.54
08 71 16 00-1342	EA		16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.95 1.76 5.60 9.80	4.54
08 71 16 00-1343	EA		16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.33 1.76 5.60 9.80	4.54
08 71 16 00-1344	EA		18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.65 6.30 5.60 9.80	3.82
08 71 16 00-1345	EA		18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.51 6.30 5.60 9.80	3.82
08 71 16 00-1346	EA		18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.35 6.30 5.60 9.80	3.82
08 71 16 00-1347	EA		18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.21 6.30 5.60 9.80	3.82
08 71 16 00-1348	EA		18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.01 6.30 5.60 9.80	4.07
08 71 16 00-1349	EA		18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71 16 00-1350	EA		18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.71 6.30 5.60 9.80	4.07
08 71 16 00-1351	EA		18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.56 6.30 5.60 9.80	4.07
08 71 16 00-1352	EA		18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.36 6.30 5.60 9.80	4.31
08 71 16 00-1353	EA		18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1354	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.08 6.30 5.60 9.80	4.31
08 71	16 00-1355	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.87 6.30 5.60 9.80	4.54
08 71	16 00-1356	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.73 6.30 5.60 9.80	4.54
08 71	16 00-1357	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.57 6.30 5.60 9.80	4.54
08 71	16 00-1358	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.86 6.30 5.60 9.80	4.07
08 71	16 00-1359	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.94 6.30 5.60 9.80	4.07
08 71	16 00-1360	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.98 6.30 5.60 9.80	4.07
08 71	16 00-1361	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.05 6.30 5.60 9.80	4.07
08 71	16 00-1362	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.05 6.30 5.60 9.80	4.31
08 71	16 00-1363	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.10 6.30 5.60 9.80	4.31
08 71	16 00-1364	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.17 6.30 5.60 9.80	4.31
08 71	16 00-1365	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71	16 00-1366	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.24 6.30 5.60 9.80	4.54
08 71	16 00-1367	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.28 6.30 5.60 9.80	4.54
08 71	16 00-1368	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.33 6.30 5.60 9.80	4.54
08 71	16 00-1369	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	284.36 6.30 5.60 9.80	4.78
08 71	16 00-1370	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.41 6.30 5.60 9.80	4.78
08 71	16 00-1371	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.47 6.30 5.60 9.80	4.78
08 71	16 00-1372	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.13 6.30 5.60 9.80	4.07
08 71	16 00-1373	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71	16 00-1374	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.66 6.30 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1375	EA		22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.91 6.30 5.60 9.80	4.07
08 71 16 00-1376	EA		22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.15 6.30 5.60 9.80	4.31
08 71 16 00-1377	EA		22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	229.40 6.30 5.60 9.80	4.31
08 71 16 00-1378	EA		22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.66 6.30 5.60 9.80	4.31
08 71 16 00-1379	EA		22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.92 6.30 5.60 9.80	4.31
08 71 16 00-1380	EA		22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.14 6.30 5.60 9.80	4.54
08 71 16 00-1381	EA		22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.40 6.30 5.60 9.80	4.54
08 71 16 00-1382	EA		22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.66 6.30 5.60 9.80	4.54
08 71 16 00-1383	EA		22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.87 6.30 5.60 9.80	4.78
08 71 16 00-1384	EA		22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.13 6.30 5.60 9.80	4.78
08 71 16 00-1385	EA		22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78
08 71 16 00-1386	EA		24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.40 6.30 5.60 9.80	4.07
08 71 16 00-1387	EA		24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.86 6.30 5.60 9.80	4.07
08 71 16 00-1388	EA		24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.32 6.30 5.60 9.80	4.07
08 71 16 00-1389	EA		24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.79 6.30 5.60 9.80	4.07
08 71 16 00-1390	EA		24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.22 6.30 5.60 9.80	4.31
08 71 16 00-1391	EA		24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.68 6.30 5.60 9.80	4.31
08 71 16 00-1392	EA		24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	263.17 6.30 5.60 9.80	4.31
08 71 16 00-1393	EA		24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	277.62 6.30 5.60 9.80	4.31
08 71 16 00-1394	EA		24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	293.03 6.30 5.60 9.80	4.54
08 71 16 00-1395	EA		24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.51 6.30 5.60 9.80	4.54





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1396	EA		24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.98 6.30 5.60 9.80	4.54
08 71 16 00-1397	EA		24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.40 6.30 5.60 9.80	4.78
08 71 16 00-1398	EA		24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.87 6.30 5.60 9.80	4.78
08 71 16 00-1399	EA		24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	366.34 6.30 5.60 9.80	4.78
<b>08 71 16 00-1400 Stainless Base Material Kick Plate (08 71 16 00-0762)</b>					
<b>08 71 16 00-1401 Satin Stainless Finish, Stainless Kick Plate (08 71 16 00-1400)</b>					
08 71 16 00-1402	EA		8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	27.02 1.76 5.60 9.80	3.59
08 71 16 00-1403	EA		8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	28.19 1.76 5.60 9.80	3.59
08 71 16 00-1404	EA		8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	29.32 1.76 5.60 9.80	3.59
08 71 16 00-1405	EA		8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.50 1.76 5.60 9.80	3.59
08 71 16 00-1406	EA		8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	32.59 1.76 5.60 9.80	3.82
08 71 16 00-1407	EA		8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.73 1.76 5.60 9.80	3.82
08 71 16 00-1408	EA		8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.91 1.76 5.60 9.80	3.82
08 71 16 00-1409	EA		8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.05 1.76 5.60 9.80	3.82
08 71 16 00-1410	EA		8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.17 1.76 5.60 9.80	4.07
08 71 16 00-1411	EA		8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.32 1.76 5.60 9.80	4.07
08 71 16 00-1412	EA		8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.47 1.76 5.60 9.80	4.07
08 71 16 00-1413	EA		8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.58 1.76 5.60 9.80	4.31
08 71 16 00-1414	EA		8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.74 1.76 5.60 9.80	4.31
08 71 16 00-1415	EA		8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.88 1.76 5.60 9.80	4.31
08 71 16 00-1416	EA		10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.19 1.76 5.60 9.80	3.59
08 71 16 00-1417	EA		10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	31.64 1.76 5.60 9.80	3.59

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1418	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.09 1.76 5.60 9.80	3.59
08 71	16 00-1419	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.52 1.76 5.60 9.80	3.59
08 71	16 00-1420	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.92 1.76 5.60 9.80	3.82
08 71	16 00-1421	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.36 1.76 5.60 9.80	3.82
08 71	16 00-1422	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.79 1.76 5.60 9.80	3.82
08 71	16 00-1423	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.22 1.76 5.60 9.80	3.82
08 71	16 00-1424	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.65 1.76 5.60 9.80	4.07
08 71	16 00-1425	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.08 1.76 5.60 9.80	4.07
08 71	16 00-1426	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.51 1.76 5.60 9.80	4.07
08 71	16 00-1427	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.92 1.76 5.60 9.80	4.31
08 71	16 00-1428	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.36 1.76 5.60 9.80	4.31
08 71	16 00-1429	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.80 1.76 5.60 9.80	4.31
08 71	16 00-1430	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.37 1.76 5.60 9.80	3.59
08 71	16 00-1431	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.10 1.76 5.60 9.80	3.59
08 71	16 00-1432	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.83 1.76 5.60 9.80	3.59
08 71	16 00-1433	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.56 1.76 5.60 9.80	3.59
08 71	16 00-1434	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.22 1.76 5.60 9.80	3.82
08 71	16 00-1435	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.96 1.76 5.60 9.80	3.82
08 71	16 00-1436	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.68 1.76 5.60 9.80	3.82
08 71	16 00-1437	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.42 1.76 5.60 9.80	3.82
08 71	16 00-1438	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.10 1.76 5.60 9.80	4.07



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1439	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.84 1.76 5.60 9.80	4.07
08 71	16 00-1440	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.58 1.76 5.60 9.80	4.07
08 71	16 00-1441	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.25 1.76 5.60 9.80	4.31
08 71	16 00-1442	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.99 1.76 5.60 9.80	4.31
08 71	16 00-1443	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.71 1.76 5.60 9.80	4.31
08 71	16 00-1444	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.49 1.76 5.60 9.80	3.82
08 71	16 00-1445	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.51 1.76 5.60 9.80	3.82
08 71	16 00-1446	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.53 1.76 5.60 9.80	3.82
08 71	16 00-1447	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.55 1.76 5.60 9.80	3.82
08 71	16 00-1448	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.51 1.76 5.60 9.80	4.07
08 71	16 00-1449	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.53 1.76 5.60 9.80	4.07
08 71	16 00-1450	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.55 1.76 5.60 9.80	4.07
08 71	16 00-1451	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.58 1.76 5.60 9.80	4.07
08 71	16 00-1452	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.56 1.76 5.60 9.80	4.31
08 71	16 00-1453	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.55 1.76 5.60 9.80	4.31
08 71	16 00-1454	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.58 1.76 5.60 9.80	4.31
08 71	16 00-1455	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.55 1.76 5.60 9.80	4.54
08 71	16 00-1456	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.57 1.76 5.60 9.80	4.54
08 71	16 00-1457	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.59 1.76 5.60 9.80	4.54
08 71	16 00-1458	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.66 1.76 5.60 9.80	3.82
08 71	16 00-1459	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.96 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1460	EA		16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.27 1.76 5.60 9.80	3.82
08 71 16 00-1461	EA		16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.57 1.76 5.60 9.80	3.82
08 71 16 00-1462	EA		16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.84 1.76 5.60 9.80	4.07
08 71 16 00-1463	EA		16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.14 1.76 5.60 9.80	4.07
08 71 16 00-1464	EA		16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.45 1.76 5.60 9.80	4.07
08 71 16 00-1465	EA		16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.75 1.76 5.60 9.80	4.07
08 71 16 00-1466	EA		16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.01 1.76 5.60 9.80	4.31
08 71 16 00-1467	EA		16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.33 1.76 5.60 9.80	4.31
08 71 16 00-1468	EA		16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.64 1.76 5.60 9.80	4.31
08 71 16 00-1469	EA		16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.89 1.76 5.60 9.80	4.54
08 71 16 00-1470	EA		16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.19 1.76 5.60 9.80	4.54
08 71 16 00-1471	EA		16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.51 1.76 5.60 9.80	4.54
08 71 16 00-1472	EA		18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.14 6.30 5.60 9.80	3.82
08 71 16 00-1473	EA		18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.86 6.30 5.60 9.80	3.82
08 71 16 00-1474	EA		18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.56 6.30 5.60 9.80	3.82
08 71 16 00-1475	EA		18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.27 6.30 5.60 9.80	3.82
08 71 16 00-1476	EA		18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.96 6.30 5.60 9.80	4.07
08 71 16 00-1477	EA		18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.66 6.30 5.60 9.80	4.07
08 71 16 00-1478	EA		18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.37 6.30 5.60 9.80	4.07
08 71 16 00-1479	EA		18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.07 6.30 5.60 9.80	4.07
08 71 16 00-1480	EA		18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.76 6.30 5.60 9.80	4.31



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1481	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.47 6.30 5.60 9.80	4.31
08 71	16 00-1482	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.17 6.30 5.60 9.80	4.31
08 71	16 00-1483	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.84 6.30 5.60 9.80	4.54
08 71	16 00-1484	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.57 6.30 5.60 9.80	4.54
08 71	16 00-1485	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.27 6.30 5.60 9.80	4.54
08 71	16 00-1486	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.42 6.30 5.60 9.80	4.07
08 71	16 00-1487	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.43 6.30 5.60 9.80	4.07
08 71	16 00-1488	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.45 6.30 5.60 9.80	4.07
08 71	16 00-1489	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.45 6.30 5.60 9.80	4.07
08 71	16 00-1490	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.43 6.30 5.60 9.80	4.31
08 71	16 00-1491	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.45 6.30 5.60 9.80	4.31
08 71	16 00-1492	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.45 6.30 5.60 9.80	4.31
08 71	16 00-1493	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.47 6.30 5.60 9.80	4.31
08 71	16 00-1494	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.43 6.30 5.60 9.80	4.54
08 71	16 00-1495	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.45 6.30 5.60 9.80	4.54
08 71	16 00-1496	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.47 6.30 5.60 9.80	4.54
08 71	16 00-1497	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.43 6.30 5.60 9.80	4.78
08 71	16 00-1498	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.45 6.30 5.60 9.80	4.78
08 71	16 00-1499	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.46 6.30 5.60 9.80	4.78
08 71	16 00-1500	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.72 6.30 5.60 9.80	4.07
08 71	16 00-1501	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.05 6.30 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1502	EA		22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	59.35	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1503	EA		22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	62.68	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1504	EA		22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	66.94	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1505	EA		22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	70.27	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1506	EA		22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	73.58	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1507	EA		22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	76.89	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1508	EA		22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	81.15	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1509	EA		22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	84.47	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1510	EA		22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	87.80	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1511	EA		22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	92.06	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1512	EA		22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	95.39	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1513	EA		22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	98.68	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1514	EA		24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	56.05	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1515	EA		24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	59.66	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1516	EA		24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	63.29	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1517	EA		24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	66.89	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1518	EA		24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	71.47	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1519	EA		24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	75.09	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1520	EA		24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	78.70	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1521	EA		24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	82.32	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1522	EA		24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate .....	86.89	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1523	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.50 6.30 5.60 9.80	4.54
08 71	16 00-1524	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.12 6.30 5.60 9.80	4.54
08 71	16 00-1525	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.68 6.30 5.60 9.80	4.78
08 71	16 00-1526	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.31 6.30 5.60 9.80	4.78
08 71	16 00-1527	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.94 6.30 5.60 9.80	4.78
<b>08 71 16 00-1528 Bright Stainless Finish, Stainless Kick Plate (08 71 16 00-1400)</b>					
08 71	16 00-1529	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.55 1.76 5.60 9.80	3.59
08 71	16 00-1530	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.21 1.76 5.60 9.80	3.59
08 71	16 00-1531	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.86 1.76 5.60 9.80	3.59
08 71	16 00-1532	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.51 1.76 5.60 9.80	3.59
08 71	16 00-1533	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.11 1.76 5.60 9.80	3.82
08 71	16 00-1534	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.77 1.76 5.60 9.80	3.82
08 71	16 00-1535	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.42 1.76 5.60 9.80	3.82
08 71	16 00-1536	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.08 1.76 5.60 9.80	3.82
08 71	16 00-1537	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.68 1.76 5.60 9.80	4.07
08 71	16 00-1538	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.34 1.76 5.60 9.80	4.07
08 71	16 00-1539	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.01 1.76 5.60 9.80	4.07
08 71	16 00-1540	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.61 1.76 5.60 9.80	4.31
08 71	16 00-1541	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.27 1.76 5.60 9.80	4.31
08 71	16 00-1542	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.91 1.76 5.60 9.80	4.31
08 71	16 00-1543	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.85 1.76 5.60 9.80	3.59

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1544	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.16 1.76 5.60 9.80	3.59
08 71	16 00-1545	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.49 1.76 5.60 9.80	3.59
08 71	16 00-1546	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.81 1.76 5.60 9.80	3.59
08 71	16 00-1547	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.06 1.76 5.60 9.80	3.82
08 71	16 00-1548	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.38 1.76 5.60 9.80	3.82
08 71	16 00-1549	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.71 1.76 5.60 9.80	3.82
08 71	16 00-1550	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.03 1.76 5.60 9.80	3.82
08 71	16 00-1551	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.30 1.76 5.60 9.80	4.07
08 71	16 00-1552	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.62 1.76 5.60 9.80	4.07
08 71	16 00-1553	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.95 1.76 5.60 9.80	4.07
08 71	16 00-1554	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.20 1.76 5.60 9.80	4.31
08 71	16 00-1555	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.54 1.76 5.60 9.80	4.31
08 71	16 00-1556	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.85 1.76 5.60 9.80	4.31
08 71	16 00-1557	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.14 1.76 5.60 9.80	3.59
08 71	16 00-1558	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.13 1.76 5.60 9.80	3.59
08 71	16 00-1559	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.12 1.76 5.60 9.80	3.59
08 71	16 00-1560	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.10 1.76 5.60 9.80	3.59
08 71	16 00-1561	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.03 1.76 5.60 9.80	3.82
08 71	16 00-1562	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.99 1.76 5.60 9.80	3.82
08 71	16 00-1563	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.99 1.76 5.60 9.80	3.82
08 71	16 00-1564	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.97 1.76 5.60 9.80	3.82





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1565	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.91 1.76 5.60 9.80	4.07
08 71	16 00-1566	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.89 1.76 5.60 9.80	4.07
08 71	16 00-1567	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.87 1.76 5.60 9.80	4.07
08 71	16 00-1568	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.82 1.76 5.60 9.80	4.31
08 71	16 00-1569	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.79 1.76 5.60 9.80	4.31
08 71	16 00-1570	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.77 1.76 5.60 9.80	4.31
08 71	16 00-1571	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.40 1.76 5.60 9.80	3.82
08 71	16 00-1572	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.05 1.76 5.60 9.80	3.82
08 71	16 00-1573	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.70 1.76 5.60 9.80	3.82
08 71	16 00-1574	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.34 1.76 5.60 9.80	3.82
08 71	16 00-1575	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.95 1.76 5.60 9.80	4.07
08 71	16 00-1576	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.58 1.76 5.60 9.80	4.07
08 71	16 00-1577	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.23 1.76 5.60 9.80	4.07
08 71	16 00-1578	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.87 1.76 5.60 9.80	4.07
08 71	16 00-1579	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.48 1.76 5.60 9.80	4.31
08 71	16 00-1580	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.13 1.76 5.60 9.80	4.31
08 71	16 00-1581	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.78 1.76 5.60 9.80	4.31
08 71	16 00-1582	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.37 1.76 5.60 9.80	4.54
08 71	16 00-1583	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.00 1.76 5.60 9.80	4.54
08 71	16 00-1584	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.64 1.76 5.60 9.80	4.54
08 71	16 00-1585	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.69 1.76 5.60 9.80	3.82

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1586	EA		16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	78.99	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1587	EA		16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	84.32	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1588	EA		16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	89.62	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1589	EA		16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	95.89	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1590	EA		16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	101.20	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1591	EA		16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	106.50	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1592	EA		16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	111.81	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1593	EA		16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	118.08	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1594	EA		16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	123.38	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1595	EA		16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	128.69	4.31
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1596	EA		16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	134.95	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1597	EA		16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	140.28	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1598	EA		16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	145.59	4.54
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1599	EA		18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	81.77	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1600	EA		18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	87.84	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1601	EA		18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	93.86	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1602	EA		18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	99.92	3.82
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1603	EA		18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	106.93	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1604	EA		18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	112.95	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1605	EA		18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	119.01	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1606	EA		18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate .....	128.49	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1607	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.06 6.30 5.60 9.80	4.31
08 71	16 00-1608	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.10 6.30 5.60 9.80	4.31
08 71	16 00-1609	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.15 6.30 5.60 9.80	4.31
08 71	16 00-1610	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.14 6.30 5.60 9.80	4.54
08 71	16 00-1611	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.18 6.30 5.60 9.80	4.54
08 71	16 00-1612	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	163.22 6.30 5.60 9.80	4.54
08 71	16 00-1613	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.14 6.30 5.60 9.80	4.07
08 71	16 00-1614	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.84 6.30 5.60 9.80	4.07
08 71	16 00-1615	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.56 6.30 5.60 9.80	4.07
08 71	16 00-1616	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.27 6.30 5.60 9.80	4.07
08 71	16 00-1617	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.95 6.30 5.60 9.80	4.31
08 71	16 00-1618	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.68 6.30 5.60 9.80	4.31
08 71	16 00-1619	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.37 6.30 5.60 9.80	4.31
08 71	16 00-1620	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.10 6.30 5.60 9.80	4.31
08 71	16 00-1621	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.75 6.30 5.60 9.80	4.54
08 71	16 00-1622	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.48 6.30 5.60 9.80	4.54
08 71	16 00-1623	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.20 6.30 5.60 9.80	4.54
08 71	16 00-1624	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.86 6.30 5.60 9.80	4.78
08 71	16 00-1625	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.58 6.30 5.60 9.80	4.78
08 71	16 00-1626	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.29 6.30 5.60 9.80	4.78
08 71	16 00-1627	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.52 6.30 5.60 9.80	4.07

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1628	EA		22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.90	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1629	EA		22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.28	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1630	EA		22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	119.67	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1631	EA		22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	128.02	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1632	EA		22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	135.41	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1633	EA		22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.81	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1634	EA		22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	150.19	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1635	EA		22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.52	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1636	EA		22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	165.90	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1637	EA		22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.28	4.54
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1638	EA		22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.63	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1639	EA		22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	189.03	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1640	EA		22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.41	4.78
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1641	EA		24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.90	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1642	EA		24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.95	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1643	EA		24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.02	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1644	EA		24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	129.07	4.07
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1645	EA		24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.10	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1646	EA		24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	146.15	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1647	EA		24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.21	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1648	EA		24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.27	4.31
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1649 EA 24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	171.28	4.54
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1650 EA 24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	179.33	4.54
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1651 EA 24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	187.40	4.54
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1652 EA 24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	196.41	4.78
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1653 EA 24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	204.48	4.78
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1654 EA 24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	212.53	4.78
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For Counter Sink Holes, Add</i>	5.60	
<i>For UL Label (Fire Rated), Add</i>	9.80	

**08 71 16 00-1655**

**Plastic Kick Plate** (08 71 16 00-0762)

**08 71 16 00-1656**

**Clear Or Black Finish, Plastic Kick Plate** (08 71 16 00-1655)

Note: With four beveled edges.

08 71 16 00-1657 EA 8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	43.55	3.59
08 71 16 00-1658 EA 8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	46.21	3.59
08 71 16 00-1659 EA 8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	48.86	3.59
08 71 16 00-1660 EA 8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	51.51	3.59
08 71 16 00-1661 EA 8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	55.11	3.82
08 71 16 00-1662 EA 8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	57.77	3.82
08 71 16 00-1663 EA 8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	60.42	3.82
08 71 16 00-1664 EA 8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	63.08	3.82
08 71 16 00-1665 EA 8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	66.68	4.07
08 71 16 00-1666 EA 8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	69.34	4.07
08 71 16 00-1667 EA 8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	72.01	4.07
08 71 16 00-1668 EA 8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.61	4.31
08 71 16 00-1669 EA 8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	78.27	4.31
08 71 16 00-1670 EA 8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	80.91	4.31
08 71 16 00-1671 EA 10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	50.85	3.59
08 71 16 00-1672 EA 10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	54.16	3.59
08 71 16 00-1673 EA 10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	57.49	3.59
08 71 16 00-1674 EA 10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	60.81	3.59
08 71 16 00-1675 EA 10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	65.06	3.82
08 71 16 00-1676 EA 10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	68.38	3.82
08 71 16 00-1677 EA 10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	71.71	3.82
08 71 16 00-1678 EA 10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.03	3.82
08 71 16 00-1679 EA 10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.30	4.07
08 71 16 00-1680 EA 10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	82.62	4.07
08 71 16 00-1681 EA 10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	85.95	4.07
08 71 16 00-1682 EA 10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	90.20	4.31
08 71 16 00-1683 EA 10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	93.54	4.31
08 71 16 00-1684 EA 10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	96.85	4.31
08 71 16 00-1685 EA 12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	58.14	3.59
08 71 16 00-1686 EA 12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	62.13	3.59
08 71 16 00-1687 EA 12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	66.12	3.59
08 71 16 00-1688 EA 12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	70.10	3.59
08 71 16 00-1689 EA 12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.03	3.82
08 71 16 00-1690 EA 12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	78.99	3.82
08 71 16 00-1691 EA 12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	82.99	3.82
08 71 16 00-1692 EA 12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	86.97	3.82
08 71 16 00-1693 EA 12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	91.91	4.07
08 71 16 00-1694 EA 12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	95.89	4.07
08 71 16 00-1695 EA 12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.87	4.07
08 71 16 00-1696 EA 12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	104.82	4.31
08 71 16 00-1697 EA 12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	108.79	4.31
08 71 16 00-1698 EA 12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.77	4.31
08 71 16 00-1699 EA 14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	66.40	3.82
08 71 16 00-1700 EA 14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	71.05	3.82
08 71 16 00-1701 EA 14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.70	3.82
08 71 16 00-1702 EA 14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	80.34	3.82
08 71 16 00-1703 EA 14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	85.95	4.07
08 71 16 00-1704 EA 14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	90.58	4.07
08 71 16 00-1705 EA 14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	95.23	4.07
08 71 16 00-1706 EA 14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.87	4.07
08 71 16 00-1707 EA 14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	105.48	4.31
08 71 16 00-1708 EA 14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.13	4.31
08 71 16 00-1709 EA 14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	114.78	4.31

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1710	EA		14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	120.37	4.54
08 71 16 00-1711	EA		14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	125.00	4.54
08 71 16 00-1712	EA		14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.64	4.54
08 71 16 00-1713	EA		16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	73.69	3.82
08 71 16 00-1714	EA		16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	78.99	3.82
08 71 16 00-1715	EA		16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	84.32	3.82
08 71 16 00-1716	EA		16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	89.62	3.82
08 71 16 00-1717	EA		16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	95.89	4.07
08 71 16 00-1718	EA		16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	101.20	4.07
08 71 16 00-1719	EA		16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	106.50	4.07
08 71 16 00-1720	EA		16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	111.81	4.07
08 71 16 00-1721	EA		16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	118.08	4.31
08 71 16 00-1722	EA		16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	123.38	4.31
08 71 16 00-1723	EA		16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	128.69	4.31
08 71 16 00-1724	EA		16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.95	4.54
08 71 16 00-1725	EA		16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	140.28	4.54
08 71 16 00-1726	EA		16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	145.59	4.54
08 71 16 00-1727	EA		18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	81.77	3.82
08 71 16 00-1728	EA		18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	87.84	3.82
08 71 16 00-1729	EA		18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	93.86	3.82
08 71 16 00-1730	EA		18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.92	3.82
08 71 16 00-1731	EA		18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	106.93	4.07
08 71 16 00-1732	EA		18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.95	4.07
08 71 16 00-1733	EA		18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	119.01	4.07
08 71 16 00-1734	EA		18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	128.49	4.07
08 71 16 00-1735	EA		18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	132.06	4.31
08 71 16 00-1736	EA		18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	138.10	4.31
08 71 16 00-1737	EA		18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	144.15	4.31
08 71 16 00-1738	EA		18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	151.14	4.54
08 71 16 00-1739	EA		18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.18	4.54
08 71 16 00-1740	EA		18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	163.22	4.54
08 71 16 00-1741	EA		20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	90.14	4.07
08 71 16 00-1742	EA		20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	96.84	4.07
08 71 16 00-1743	EA		20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.56	4.07
08 71 16 00-1744	EA		20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.27	4.07
08 71 16 00-1745	EA		20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	117.95	4.31
08 71 16 00-1746	EA		20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	124.68	4.31
08 71 16 00-1747	EA		20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	131.37	4.31
08 71 16 00-1748	EA		20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	138.10	4.31
08 71 16 00-1749	EA		20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	145.75	4.54
08 71 16 00-1750	EA		20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	152.48	4.54
08 71 16 00-1751	EA		20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	159.20	4.54
08 71 16 00-1752	EA		20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	166.86	4.78
08 71 16 00-1753	EA		20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.58	4.78
08 71 16 00-1754	EA		20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	180.29	4.78
08 71 16 00-1755	EA		22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	97.52	4.07
08 71 16 00-1756	EA		22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	104.90	4.07
08 71 16 00-1757	EA		22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.28	4.07
08 71 16 00-1758	EA		22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	119.67	4.07
08 71 16 00-1759	EA		22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	128.02	4.31
08 71 16 00-1760	EA		22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	135.41	4.31
08 71 16 00-1761	EA		22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	142.81	4.31
08 71 16 00-1762	EA		22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	150.19	4.31
08 71 16 00-1763	EA		22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	158.52	4.54
08 71 16 00-1764	EA		22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	165.90	4.54
08 71 16 00-1765	EA		22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.28	4.54
08 71 16 00-1766	EA		22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	181.63	4.78
08 71 16 00-1767	EA		22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	189.03	4.78
08 71 16 00-1768	EA		22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	196.41	4.78
08 71 16 00-1769	EA		24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	104.90	4.07
08 71 16 00-1770	EA		24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.95	4.07
08 71 16 00-1771	EA		24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	121.02	4.07
08 71 16 00-1772	EA		24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.07	4.07
08 71 16 00-1773	EA		24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	138.10	4.31
08 71 16 00-1774	EA		24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.15	4.31
08 71 16 00-1775	EA		24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.21	4.31
08 71 16 00-1776	EA		24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	162.27	4.31
08 71 16 00-1777	EA		24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	171.28	4.54
08 71 16 00-1778	EA		24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	179.33	4.54
08 71 16 00-1779	EA		24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	187.40	4.54
08 71 16 00-1780	EA		24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	196.41	4.78
08 71 16 00-1781	EA		24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	204.48	4.78
08 71 16 00-1782	EA		24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	212.53	4.78

08 71 16 00-1783 Mop Plate (08 71 16 00-0761)  
Note: Ives 8400.

08 71 16 00-1784 Aluminum Base Material Mop Plate (08 71 16 00-1783)

08 71 16 00-1785 Satin Aluminum Finish, Aluminum Mop Plate (08 71 16 00-1784)



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1786	EA		4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	20.48 1.76 5.60 9.80	3.49
08 71 16 00-1787	EA		4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	21.09 1.76 5.60 9.80	3.49
08 71 16 00-1788	EA		4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	21.67 1.76 5.60 9.80	3.49
08 71 16 00-1789	EA		4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	22.28 1.76 5.60 9.80	3.49
08 71 16 00-1790	EA		4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	23.46 1.76 5.60 9.80	3.63
08 71 16 00-1791	EA		4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	24.05 1.76 5.60 9.80	3.63
08 71 16 00-1792	EA		4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	24.65 1.76 5.60 9.80	3.63
08 71 16 00-1793	EA		4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	25.24 1.76 5.60 9.80	3.63
08 71 16 00-1794	EA		4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	26.65 1.76 5.60 9.80	3.82
08 71 16 00-1795	EA		4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	27.25 1.76 5.60 9.80	3.82
08 71 16 00-1796	EA		4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	27.84 1.76 5.60 9.80	3.82
08 71 16 00-1797	EA		4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	29.40 1.76 5.60 9.80	4.07
08 71 16 00-1798	EA		4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.01 1.76 5.60 9.80	4.07
08 71 16 00-1799	EA		4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.59 1.76 5.60 9.80	4.07
08 71 16 00-1800	EA		6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	23.76 1.76 5.60 9.80	3.49
08 71 16 00-1801	EA		6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	24.66 1.76 5.60 9.80	3.49
08 71 16 00-1802	EA		6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	25.56 1.76 5.60 9.80	3.49
08 71 16 00-1803	EA		6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	26.45 1.76 5.60 9.80	3.49
08 71 16 00-1804	EA		6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	27.94 1.76 5.60 9.80	3.63
08 71 16 00-1805	EA		6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	28.82 1.76 5.60 9.80	3.63
08 71 16 00-1806	EA		6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	29.73 1.76 5.60 9.80	3.63

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1807	EA		6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.62 1.76 5.60 9.80	3.63
08 71 16 00-1808	EA		6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	32.33 1.76 5.60 9.80	3.82
08 71 16 00-1809	EA		6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.22 1.76 5.60 9.80	3.82
08 71 16 00-1810	EA		6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.13 1.76 5.60 9.80	3.82
08 71 16 00-1811	EA		6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.98 1.76 5.60 9.80	4.07
08 71 16 00-1812	EA		6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.88 1.76 5.60 9.80	4.07
08 71 16 00-1813	EA		6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.77 1.76 5.60 9.80	4.07
08 71 16 00-1814			<b>Brass Base Material Mop Plate</b> (08 71 16 00-1783)		
08 71 16 00-1815			<b>Bright/Satin Brass Finish, Brass Mop Plate</b> (08 71 16 00-1814)		
08 71 16 00-1816	EA		4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.09 1.76 5.60 9.80	3.49
08 71 16 00-1817	EA		4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.85 1.76 5.60 9.80	3.49
08 71 16 00-1818	EA		4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.59 1.76 5.60 9.80	3.49
08 71 16 00-1819	EA		4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.35 1.76 5.60 9.80	3.49
08 71 16 00-1820	EA		4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.66 1.76 5.60 9.80	3.63
08 71 16 00-1821	EA		4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.40 1.76 5.60 9.80	3.63
08 71 16 00-1822	EA		4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.16 1.76 5.60 9.80	3.63
08 71 16 00-1823	EA		4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.90 1.76 5.60 9.80	3.63
08 71 16 00-1824	EA		4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.46 1.76 5.60 9.80	3.82
08 71 16 00-1825	EA		4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.20 1.76 5.60 9.80	3.82
08 71 16 00-1826	EA		4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.94 1.76 5.60 9.80	3.82
08 71 16 00-1827	EA		4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.65 1.76 5.60 9.80	4.07
08 71 16 00-1828	EA		4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.39 1.76 5.60 9.80	4.07





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1829	EA		4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.15 1.76 5.60 9.80	4.07
08 71 16 00-1830	EA		6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.71 1.76 5.60 9.80	3.49
08 71 16 00-1831	EA		6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.32 1.76 5.60 9.80	3.49
08 71 16 00-1832	EA		6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.94 1.76 5.60 9.80	3.49
08 71 16 00-1833	EA		6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.55 1.76 5.60 9.80	3.49
08 71 16 00-1834	EA		6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.75 1.76 5.60 9.80	3.63
08 71 16 00-1835	EA		6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.38 1.76 5.60 9.80	3.63
08 71 16 00-1836	EA		6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.98 1.76 5.60 9.80	3.63
08 71 16 00-1837	EA		6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.61 1.76 5.60 9.80	3.63
08 71 16 00-1838	EA		6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.02 1.76 5.60 9.80	3.82
08 71 16 00-1839	EA		6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.65 1.76 5.60 9.80	3.82
08 71 16 00-1840	EA		6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.27 1.76 5.60 9.80	3.82
08 71 16 00-1841	EA		6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.84 1.76 5.60 9.80	4.07
08 71 16 00-1842	EA		6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.46 1.76 5.60 9.80	4.07
08 71 16 00-1843	EA		6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.07 1.76 5.60 9.80	4.07
<b>08 71 16 00-1844</b>			<b>Bright/Satin Chrome Finish, Brass Mop Plate</b> (08 71 16 00-1814)		
08 71 16 00-1845	EA		4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.91 1.76 5.60 9.80	3.49
08 71 16 00-1846	EA		4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.81 1.76 5.60 9.80	3.49
08 71 16 00-1847	EA		4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.72 1.76 5.60 9.80	3.49
08 71 16 00-1848	EA		4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.63 1.76 5.60 9.80	3.49
08 71 16 00-1849	EA		4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.11 1.76 5.60 9.80	3.63

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1850	EA		4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	45.03	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1851	EA		4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	46.94	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1852	EA		4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	48.84	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1853	EA		4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	51.56	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1854	EA		4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	53.48	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1855	EA		4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	55.39	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1856	EA		4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	58.26	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1857	EA		4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	60.16	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1858	EA		4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	62.07	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1859	EA		6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	45.41	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1860	EA		6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	48.26	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1861	EA		6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	51.13	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1862	EA		6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	54.00	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1863	EA		6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	57.43	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1864	EA		6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	60.30	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1865	EA		6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	63.15	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1866	EA		6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	66.03	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1867	EA		6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	69.71	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1868	EA		6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	72.56	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1869	EA		6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	75.43	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1870	EA		6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	79.24	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1871	EA		6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.11 1.76 5.60 9.80	4.07
08 71 16 00-1872	EA		6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.98 1.76 5.60 9.80	4.07
<b>08 71 16 00-1873 Satin/Dark Bronze Finish, Brass Mop Plate</b> <small>(08 71 16 00-1814)</small>					
08 71 16 00-1874	EA		4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.25 1.76 5.60 9.80	3.49
08 71 16 00-1875	EA		4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.19 1.76 5.60 9.80	3.49
08 71 16 00-1876	EA		4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.13 1.76 5.60 9.80	3.49
08 71 16 00-1877	EA		4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.07 1.76 5.60 9.80	3.49
08 71 16 00-1878	EA		4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.59 1.76 5.60 9.80	3.63
08 71 16 00-1879	EA		4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.54 1.76 5.60 9.80	3.63
08 71 16 00-1880	EA		4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.49 1.76 5.60 9.80	3.63
08 71 16 00-1881	EA		4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.43 1.76 5.60 9.80	3.63
08 71 16 00-1882	EA		4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.16 1.76 5.60 9.80	3.82
08 71 16 00-1883	EA		4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.11 1.76 5.60 9.80	3.82
08 71 16 00-1884	EA		4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.06 1.76 5.60 9.80	3.82
08 71 16 00-1885	EA		4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.96 1.76 5.60 9.80	4.07
08 71 16 00-1886	EA		4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.91 1.76 5.60 9.80	4.07
08 71 16 00-1887	EA		4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.83 1.76 5.60 9.80	4.07
08 71 16 00-1888	EA		6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.92 1.76 5.60 9.80	3.49
08 71 16 00-1889	EA		6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.85 1.76 5.60 9.80	3.49
08 71 16 00-1890	EA		6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.76 1.76 5.60 9.80	3.49
08 71 16 00-1891	EA		6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.33 1.76 5.60 9.80	3.49

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1892	EA		6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.15 1.76 5.60 9.80	3.63
08 71 16 00-1893	EA		6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.06 1.76 5.60 9.80	3.63
08 71 16 00-1894	EA		6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.97 1.76 5.60 9.80	3.63
08 71 16 00-1895	EA		6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.87 1.76 5.60 9.80	3.63
08 71 16 00-1896	EA		6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.61 1.76 5.60 9.80	3.82
08 71 16 00-1897	EA		6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.52 1.76 5.60 9.80	3.82
08 71 16 00-1898	EA		6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.43 1.76 5.60 9.80	3.82
08 71 16 00-1899	EA		6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.29 1.76 5.60 9.80	4.07
08 71 16 00-1900	EA		6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.20 1.76 5.60 9.80	4.07
08 71 16 00-1901	EA		6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.11 1.76 5.60 9.80	4.07
<b>08 71 16 00-1902</b>			<b>Satin Nickel Finish, Brass Mop Plate</b> <small>(08 71 16 00-1814)</small>		
08 71 16 00-1903	EA		4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.67 1.76 5.60 9.80	3.49
08 71 16 00-1904	EA		4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.62 1.76 5.60 9.80	3.49
08 71 16 00-1905	EA		4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.62 1.76 5.60 9.80	3.49
08 71 16 00-1906	EA		4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.60 1.76 5.60 9.80	3.49
08 71 16 00-1907	EA		4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.16 1.76 5.60 9.80	3.63
08 71 16 00-1908	EA		4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.12 1.76 5.60 9.80	3.63
08 71 16 00-1909	EA		4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.10 1.76 5.60 9.80	3.63
08 71 16 00-1910	EA		4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.08 1.76 5.60 9.80	3.63
08 71 16 00-1911	EA		4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.89 1.76 5.60 9.80	3.82
08 71 16 00-1912	EA		4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.85 1.76 5.60 9.80	3.82



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1913	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.82 1.76 5.60 9.80	3.82
08 71	16 00-1914	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.77 1.76 5.60 9.80	4.07
08 71	16 00-1915	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.75 1.76 5.60 9.80	4.07
08 71	16 00-1916	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.71 1.76 5.60 9.80	4.07
08 71	16 00-1917	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.54 1.76 5.60 9.80	3.49
08 71	16 00-1918	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.50 1.76 5.60 9.80	3.49
08 71	16 00-1919	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.47 1.76 5.60 9.80	3.49
08 71	16 00-1920	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.43 1.76 5.60 9.80	3.49
08 71	16 00-1921	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.98 1.76 5.60 9.80	3.63
08 71	16 00-1922	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.94 1.76 5.60 9.80	3.63
08 71	16 00-1923	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.91 1.76 5.60 9.80	3.63
08 71	16 00-1924	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.88 1.76 5.60 9.80	3.63
08 71	16 00-1925	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.66 1.76 5.60 9.80	3.82
08 71	16 00-1926	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.63 1.76 5.60 9.80	3.82
08 71	16 00-1927	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.60 1.76 5.60 9.80	3.82
08 71	16 00-1928	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.52 1.76 5.60 9.80	4.07
08 71	16 00-1929	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.48 1.76 5.60 9.80	4.07
08 71	16 00-1930	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.46 1.76 5.60 9.80	4.07
08 71	16 00-1931		<b>Stainless Base Material Mop Plate</b> <small>(08 71 16 00-1783)</small>		
08 71	16 00-1932		<b>Satin Stainless Finish, Stainless Mop Plate</b> <small>(08 71 16 00-1931)</small>		
08 71	16 00-1933	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	20.90 1.76 5.60 9.80	3.49
08 71	16 00-1934	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	21.52 1.76 5.60 9.80	3.49

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1935	EA		4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	22.16	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1936	EA		4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	22.79	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1937	EA		4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	24.01	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1938	EA		4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	24.65	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1939	EA		4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	25.27	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1940	EA		4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	25.91	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1941	EA		4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	27.35	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1942	EA		4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	27.99	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1943	EA		4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	28.63	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1944	EA		4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.21	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1945	EA		4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.85	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1946	EA		4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.48	4.07
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1947	EA		6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	24.37	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1948	EA		6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	25.33	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1949	EA		6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	26.28	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1950	EA		6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	27.24	3.49
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1951	EA		6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	28.76	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1952	EA		6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	29.71	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1953	EA		6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.67	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1954	EA		6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.62	3.63
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1955	EA		6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	33.39	3.82
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For Counter Sink Holes, Add</i>	5.60	
			<i>For UL Label (Fire Rated), Add</i>	9.80	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1956	EA		6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.33 1.76 5.60 9.80	3.82
08 71 16 00-1957	EA		6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.28 1.76 5.60 9.80	3.82
08 71 16 00-1958	EA		6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.20 1.76 5.60 9.80	4.07
08 71 16 00-1959	EA		6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.14 1.76 5.60 9.80	4.07
08 71 16 00-1960	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.10 1.76 5.60 9.80	4.07
<b>08 71 16 00-1961</b>			<b>Bright Stainless Finish, Stainless Mop Plate</b> <small>(08 71 16 00-1931)</small>		
08 71 16 00-1962	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	29.43 1.76 5.60 9.80	3.49
08 71 16 00-1963	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.85 1.76 5.60 9.80	3.49
08 71 16 00-1964	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	32.27 1.76 5.60 9.80	3.49
08 71 16 00-1965	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.66 1.76 5.60 9.80	3.49
08 71 16 00-1966	EA		4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.66 1.76 5.60 9.80	3.63
08 71 16 00-1967	EA		4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.07 1.76 5.60 9.80	3.63
08 71 16 00-1968	EA		4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.49 1.76 5.60 9.80	3.63
08 71 16 00-1969	EA		4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.91 1.76 5.60 9.80	3.63
08 71 16 00-1970	EA		4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.12 1.76 5.60 9.80	3.82
08 71 16 00-1971	EA		4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.53 1.76 5.60 9.80	3.82
08 71 16 00-1972	EA		4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.95 1.76 5.60 9.80	3.82
08 71 16 00-1973	EA		4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.32 1.76 5.60 9.80	4.07
08 71 16 00-1974	EA		4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.74 1.76 5.60 9.80	4.07
08 71 16 00-1975	EA		4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.14 1.76 5.60 9.80	4.07
08 71 16 00-1976	EA		6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.19 1.76 5.60 9.80	3.49

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1977	EA		6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.33 1.76 5.60 9.80	3.49
08 71 16 00-1978	EA		6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.45 1.76 5.60 9.80	3.49
08 71 16 00-1979	EA		6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.56 1.76 5.60 9.80	3.49
08 71 16 00-1980	EA		6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.25 1.76 5.60 9.80	3.63
08 71 16 00-1981	EA		6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.37 1.76 5.60 9.80	3.63
08 71 16 00-1982	EA		6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.48 1.76 5.60 9.80	3.63
08 71 16 00-1983	EA		6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.60 1.76 5.60 9.80	3.63
08 71 16 00-1984	EA		6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.54 1.76 5.60 9.80	3.82
08 71 16 00-1985	EA		6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.66 1.76 5.60 9.80	3.82
08 71 16 00-1986	EA		6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.78 1.76 5.60 9.80	3.82
08 71 16 00-1987	EA		6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.85 1.76 5.60 9.80	4.07
08 71 16 00-1988	EA		6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.96 1.76 5.60 9.80	4.07
08 71 16 00-1989	EA		6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.08 1.76 5.60 9.80	4.07
08 71 16 00-1990			<b>Plastic Mop Plate</b> (08 71 16 00-1783)		
08 71 16 00-1991			<b>Clear Or Black Finish, Plastic Mop Plate</b> (08 71 16 00-1990) Note: With four beveled edges.		
08 71 16 00-1992	EA		4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	19.72	3.49
08 71 16 00-1993	EA		4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	20.25	3.49
08 71 16 00-1994	EA		4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	20.79	3.49
08 71 16 00-1995	EA		4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	21.31	3.49
08 71 16 00-1996	EA		4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	22.42	3.63
08 71 16 00-1997	EA		4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	22.95	3.63
08 71 16 00-1998	EA		4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	23.47	3.63
08 71 16 00-1999	EA		4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	24.01	3.63
08 71 16 00-2000	EA		4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	25.35	3.82
08 71 16 00-2001	EA		4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	25.88	3.82
08 71 16 00-2002	EA		4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	26.40	3.82
08 71 16 00-2003	EA		4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	27.89	4.07
08 71 16 00-2004	EA		4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	28.43	4.07
08 71 16 00-2005	EA		4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate ..... Note: 4 sides beveled.	28.95	4.07





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2006	EA		6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	22.63	3.49
08 71 16 00-2007	EA		6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	23.43	3.49
08 71 16 00-2008	EA		6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	24.22	3.49
08 71 16 00-2009	EA		6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	25.01	3.49
08 71 16 00-2010	EA		6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	26.39	3.63
08 71 16 00-2011	EA		6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	27.18	3.63
08 71 16 00-2012	EA		6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	27.97	3.63
08 71 16 00-2013	EA		6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	28.76	3.63
08 71 16 00-2014	EA		6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	30.37	3.82
08 71 16 00-2015	EA		6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	31.16	3.82
08 71 16 00-2016	EA		6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	31.95	3.82
08 71 16 00-2017	EA		6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	33.71	4.07
08 71 16 00-2018	EA		6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	34.50	4.07
08 71 16 00-2019	EA		6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	35.29	4.07
<b>08 71 16 00-2020</b>			<b>Armor Door Plate</b> (08 71 16 00-0761) Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 16 00-2021	SF		4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate .....	11.91	0.60
08 71 16 00-2022	SF		>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate .....	11.38	0.47
08 71 16 00-2023	SF		4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate .....	13.24	0.60
08 71 16 00-2024	SF		>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate .....	12.71	0.47
08 71 16 00-2025	SF		4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate .....	26.56	0.60
08 71 16 00-2026	SF		>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate .....	26.03	0.47
<b>08 71 16 00-2027</b>			<b>Pull Handle And Plates</b> (08 71 16 00-0761)		
<b>08 71 16 00-2028</b>			<b>Pull Handle</b> (08 71 16 00-2027)		
08 71 16 00-2029	EA		3/4" Diameter Aluminum Door Pulls, 6" Long .....	39.22	3.94
			<i>For Stainless Steel, Add</i>	9.84	
			<i>For Brass, Add</i>	13.36	
08 71 16 00-2030	EA		3/4" Diameter Aluminum Door Pulls, 8" Long .....	39.22	3.94
			<i>For Stainless Steel, Add</i>	9.84	
			<i>For Brass, Add</i>	13.36	
08 71 16 00-2031	EA		3/4" Diameter Aluminum Door Pulls, 10" Long .....	41.53	3.94
			<i>For Stainless Steel, Add</i>	10.81	
			<i>For Brass, Add</i>	14.67	
08 71 16 00-2032	EA		1" Diameter Aluminum Door Pulls, 8" Long .....	47.00	3.94
			<i>For Stainless Steel, Add</i>	13.11	
			<i>For Brass, Add</i>	17.79	
08 71 16 00-2033	EA		1" Diameter Aluminum Door Pulls, 10" Long .....	50.13	3.94
			<i>For Stainless Steel, Add</i>	14.42	
			<i>For Brass, Add</i>	19.57	
08 71 16 00-2034	EA		1" Diameter Aluminum Door Pulls, 12" Long .....	54.27	3.94
			<i>For Stainless Steel, Add</i>	16.16	
			<i>For Brass, Add</i>	21.93	
08 71 16 00-2035	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 6" Long .....	42.08	3.94
			<i>For Stainless Steel, Add</i>	11.04	
			<i>For Brass, Add</i>	14.99	
08 71 16 00-2036	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 8" Long .....	42.08	3.94
			<i>For Stainless Steel, Add</i>	11.04	
			<i>For Brass, Add</i>	14.99	
08 71 16 00-2037	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 10" Long .....	44.68	3.94
			<i>For Stainless Steel, Add</i>	12.13	
			<i>For Brass, Add</i>	16.47	
08 71 16 00-2038	EA		1" Diameter Stainless Steel Offset Door Pulls, 8" Long..... <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	80.50	3.94
			<i>For Brass, Add</i>	12.23	
			<i>For Brass, Add</i>	11.26	
08 71 16 00-2039	EA		1" Diameter Stainless Steel Offset Door Pulls, 10" Long..... <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	84.72	3.94
			<i>For Brass, Add</i>	13.03	
			<i>For Brass, Add</i>	11.99	
08 71 16 00-2040	EA		1" Diameter Stainless Steel Offset Door Pulls, 12" Long..... <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	88.95	3.94
			<i>For Brass, Add</i>	13.83	
			<i>For Brass, Add</i>	12.73	
08 71 16 00-2041	EA		1" Diameter Stainless Steel Offset Door Pulls, 18" Long..... <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	108.64	3.94
			<i>For Brass, Add</i>	17.55	
			<i>For Brass, Add</i>	16.16	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
<b>08 71 16 00-2042</b>		<b>Pull Plate</b> (08 71 16 00-2027)			
08 71 16 00-2043	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware .....	39.33		2.99
		For Stainless Steel, Add	16.15		
		For Brass, Add	20.54		
08 71 16 00-2044	EA	4" x 16" Aluminum Pull Plate Door Hardware .....	40.28		2.99
		For Stainless Steel, Add	16.71		
		For Brass, Add	21.25		
08 71 16 00-2045	EA	6" x 16" Aluminum Pull Plate Door Hardware .....	42.45		2.99
		For Stainless Steel, Add	18.00		
		For Brass, Add	22.88		
<b>08 71 16 00-2046</b>		<b>Push Bars And Plates</b> (08 71 16 00-0761)			
<b>08 71 16 00-2047</b>		<b>Push Bars</b> (08 71 16 00-2046)			
08 71 16 00-2048	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate.....	157.95		2.99
		Note: Up to 34" wide. All finishes.			
08 71 16 00-2049	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	104.65		2.99
		For Brass Push Bar, Add	16.13		
08 71 16 00-2050	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	108.55		2.99
		For Brass Push Bar, Add	16.81		
08 71 16 00-2051	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	205.14		2.99
		For Brass Push Bar, Add	33.62		
<b>08 71 16 00-2052</b>		<b>Push Plates</b> (08 71 16 00-2046)			
<b>08 71 16 00-2053</b>		<b>Aluminum Push Plates</b> (08 71 16 00-2052)			
<b>08 71 16 00-2054</b>		<b>Clear Anodized Finish, Aluminum Push Plates</b> (08 71 16 00-2053)			
		Note: Ives 8200 Series.			
08 71 16 00-2055	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	18.83		2.99
08 71 16 00-2056	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	18.83		2.99
08 71 16 00-2057	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	18.83		2.99
08 71 16 00-2058	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	20.57		2.99
<b>08 71 16 00-2059</b>		<b>Stainless Steel Push Plates</b> (08 71 16 00-2052)			
<b>08 71 16 00-2060</b>		<b>Satin Finish, Stainless Steel Push Plates</b> (08 71 16 00-2059)			
		Note: Ives 8200 Series.			
08 71 16 00-2061	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware.....	18.83		2.99
08 71 16 00-2062	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	20.17		2.99
08 71 16 00-2063	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	23.22		2.99
08 71 16 00-2064	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	27.74		2.99
<b>08 71 16 00-2065</b>		<b>Brass Push Plates</b> (08 71 16 00-2052)			
<b>08 71 16 00-2066</b>		<b>Bright/Satin Brass Finish, Brass Push Plates</b> (08 71 16 00-2065)			
		Note: Ives 8200 Series.			
08 71 16 00-2067	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	22.91		2.99
08 71 16 00-2068	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	26.35		2.99
08 71 16 00-2069	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	34.62		2.99
08 71 16 00-2070	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	40.06		2.99
<b>08 71 16 00-2071</b>		<b>Bright/Satin Chrome Finish, Brass Push Plates</b> (08 71 16 00-2065)			
		Note: Ives 8200 Series.			
08 71 16 00-2072	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware .....	25.66		2.99
08 71 16 00-2073	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware .....	28.45		2.99
08 71 16 00-2074	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware .....	36.03		2.99
08 71 16 00-2075	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware .....	43.50		2.99
<b>08 71 16 00-2076</b>		<b>Satin/Dark Bronze Finish, Brass Push Plates</b> (08 71 16 00-2065)			
		Note: Ives 8200 Series.			
08 71 16 00-2077	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware .....	25.66		2.99
08 71 16 00-2078	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware .....	28.45		2.99
08 71 16 00-2079	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware .....	37.37		2.99
08 71 16 00-2080	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware .....	44.25		2.99
<b>08 71 16 00-2081</b>		<b>Satin Nickel Finish, Brass Push Plates</b> (08 71 16 00-2065)			
		Note: Ives 8200 Series.			
08 71 16 00-2082	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware.....	25.66		2.99
08 71 16 00-2083	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	29.15		2.99
08 71 16 00-2084	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	39.49		2.99
08 71 16 00-2085	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	46.37		2.99
<b>08 71 16 00-2086</b>		<b>Exit Devices</b> (08 71 16)			



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 16 00-2087</b> <b>Push Bar Exit Device, Von Duprin Series 98/99</b> <small>(08 71 16 00-2086)</small>		
Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 16 00-2088    EA    3' Push Bar Exit Device, Rim Type, Von Duprin Series 98/99 .....	760.34	53.81
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">37.63</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">59.83</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">95.61</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">195.54</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">61.69</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">90.68</span>		
<i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <span style="float: right;">41.11</span>		
<i>For Special Center Case Dogging (SD), Add</i> <span style="float: right;">172.13</span>		
<i>For Cylinder Dogging Indicator (CI), Add</i> <span style="float: right;">114.57</span>		
<i>For Dogging Indicator (DI), Add</i> <span style="float: right;">105.25</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		
08 71 16 00-2089    EA    3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series 98-F/99-F .....	868.24	53.81
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">44.21</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">70.30</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">112.34</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">229.75</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">72.48</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">106.54</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		
08 71 16 00-2090    EA    3' Push Bar Exit Device, Rim Type, Von Duprin Series XP98/XP99 .....	832.49	53.81
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">42.03</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">66.83</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">106.80</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">218.41</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">68.90</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">101.28</span>		
<i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <span style="float: right;">41.11</span>		
<i>For Special Center Case Dogging (SD), Add</i> <span style="float: right;">172.13</span>		
<i>For Cylinder Dogging Indicator (CI), Add</i> <span style="float: right;">114.57</span>		
<i>For Dogging Indicator (DI), Add</i> <span style="float: right;">105.25</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		
08 71 16 00-2091    EA    3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series XP98-F/XP99-F .....	937.79	53.81
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">48.45</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">77.05</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">123.12</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">251.79</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">79.43</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">116.76</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		
08 71 16 00-2092    EA    3' Push Bar Exit Device, Surface Vertical Rods, Von Duprin Series 9827/9927 .....	1,093.23	64.57
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">56.18</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">89.34</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">142.76</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">291.97</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">92.11</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">135.39</span>		
<i>For Standard Baseplate Cylinder Dogging (CD), Add</i> <span style="float: right;">41.11</span>		
<i>For Special Center Case Dogging (SD), Add</i> <span style="float: right;">172.13</span>		
<i>For Cylinder Dogging Indicator (CI), Add</i> <span style="float: right;">114.57</span>		
<i>For Dogging Indicator (DI), Add</i> <span style="float: right;">105.25</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		
08 71 16 00-2093    EA    3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Von Duprin Series 9827-F/9927-F .....	1,239.48	64.57
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
<i>For 4' Push Bar, Add</i> <span style="float: right;">13.00</span>		
<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i> <span style="float: right;">65.11</span>		
<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <span style="float: right;">103.53</span>		
<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i> <span style="float: right;">165.43</span>		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <span style="float: right;">338.33</span>		
<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i> <span style="float: right;">106.73</span>		
<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i> <span style="float: right;">156.89</span>		
<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i> <span style="float: right;">53.18</span>		
<i>For Safety Glow Touchpad, Add</i> <span style="float: right;">191.86</span>		

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2094	EA	3'	Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9847/9947 ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,143.59	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	87.89	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	91.67	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	146.49	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	299.60	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	94.51	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	138.93	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2095	EA	3'	Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847-F/9947-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,293.09	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	101.80	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	106.18	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	169.66	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	346.99	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	109.46	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	160.91	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2096	EA	3'	Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9848/9948 ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,296.34	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	102.10	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	106.49	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	170.17	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	348.02	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	109.79	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	161.38	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2097	EA	3'	Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9848-F/9948-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,445.84	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	116.00	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	120.99	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	193.34	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	395.41	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	124.74	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	183.36	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2098	EA	3'	Push Bar Exit Device, Wood Door Concealed Vertical Rods, Von Duprin Series 9847WDC/9947WDC ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,252.14	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	97.99	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	102.20	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	163.32	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	334.01	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	105.37	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	154.89	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2099	EA	3'	Push Bar Exit Device, Wood Door Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847WDC-F/9947WDC-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,420.49	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	113.65	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	118.53	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	189.41	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	387.37	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	122.20	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	179.63	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2100	EA	3' Push Bar Exit Device, Surface Three Point Latch, Von Duprin Series 9857/9957 ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,377.93	64.57
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	73.55	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	116.96	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	186.89	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	382.22	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	120.58	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	177.25	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2101	EA	3' Push Bar Exit Device, Surface Three Point Latch, Fire Rated, Von Duprin Series 9857-F/9957-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,474.78	64.57
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	79.46	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	126.35	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	201.90	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	412.92	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	130.26	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	191.48	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2102	EA	3' Push Bar Exit Device, Mortise Lock, Von Duprin Series 9875/9975 ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,080.91	66.96
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	33.36	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	87.45	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	139.74	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	285.79	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	90.16	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	132.53	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2103	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated, Von Duprin Series 9875-F/9975-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,190.76	66.96
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	37.42	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	98.11	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	156.77	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	320.61	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	101.14	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	148.68	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2104	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Von Duprin Series 9849/9949 ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,189.74	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	92.19	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	96.15	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	153.64	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	314.23	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	99.13	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	145.71	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2105	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849-F/9949-F ..... Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,298.94	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	102.34	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	106.74	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	170.57	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	348.84	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	110.05	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	161.77	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	

**08 Openings**

08 70 Hardware

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2106	EA	3'	Push Bar Exit Device, Wood Door Concealed Vertical Cable, Von Duprin Series 9849WDC/9949WDC Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,302.84	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	102.70	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	107.12	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	171.17	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	350.08	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	110.44	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	162.34	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2107	EA	3'	Push Bar Exit Device, Wood Door Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849WDC-F/9949WDC-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,497.84	74.14
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	120.84	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	126.04	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	201.40	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	411.89	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	129.94	
			<i>For Satin Stainless Steel, US32D (BHMA 630) Finish, Add</i>	191.00	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Cylinder Dogging Indicator (CI), Add</i>	114.57	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2108	EA	3'	Push Bar Exit Device, Chexit Delayed Egress, Von Duprin Series CX98/CX99 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,729.34	62.17
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	242.10	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	495.14	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	156.20	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	58.10	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	65.29	
			<i>For Center Case Dogging (CD-CX), Add</i>	185.83	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2109	EA	3'	Push Bar Exit Device, Chexit Delayed Egress, Fire Rated, Von Duprin Series CX98-F/CX99-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,837.24	62.17
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	258.83	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	529.34	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	166.99	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	62.12	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	69.80	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2110	EA	3'	Push Bar Exit Device, Mortise Chexit Delayed Egress, Von Duprin Series CX9875/CX9975 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,054.71	76.52
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	286.23	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	585.39	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	184.67	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	68.70	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	77.19	
			<i>For Center Case Dogging (CD-CX), Add</i>	185.83	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2111	EA	3'	Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated, Von Duprin Series CX9875-F/CX9975-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,164.56	76.52
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	303.26	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	620.21	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	195.65	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	72.78	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	81.78	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71 16 00-2112	EA	3'	Push Bar Exit Device, Electric Latch Retraction, Von Duprin Series E98/E99 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,092.34	62.17
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	143.37	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	293.21	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	92.50	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	34.41	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	53.09	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Quiet Electric Latch Retraction (QEL), Add</i>	78.93	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2113	EA	3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated, Von Duprin Series E98-F/E99-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,200.24	62.17
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	160.09	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	327.41	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	103.29	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	38.42	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	59.29	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2114	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Von Duprin Series E9875/E9975 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,417.71	76.52
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	187.50	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	383.46	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	120.97	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	45.00	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	69.43	
			<i>For Standard Baseplate Cylinder Dogging (CD), Add</i>	41.11	
			<i>For Special Center Case Dogging (SD), Add</i>	172.13	
			<i>For Dogging Indicator (DI), Add</i>	105.25	
			<i>For Quiet Electric Latch Retraction (QEL), Add</i>	78.93	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2115	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated, Von Duprin Series E9875-F/E9975-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	1,527.56	76.52
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	204.52	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	418.28	
			<i>For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add</i>	131.95	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	49.09	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	75.74	
			<i>For Vision Impaired Touchpad, Raised Letters and Braille, Add</i>	53.18	
			<i>For Safety Glow Touchpad, Add</i>	191.86	
08 71	16 00-2116	EA	Exit Only Trim Plate (EO), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	88.20	7.17
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	2.07	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	3.11	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	11.74	
08 71	16 00-2117	EA	Dummy Trim (DT), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	131.36	8.97
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	3.22	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	4.83	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	18.26	
08 71	16 00-2118	EA	Night Latch (NL) Pull Trim With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	212.29	11.95
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	5.36	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	8.05	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	30.40	
08 71	16 00-2119	EA	Night Latch (NL) Pull Trim Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	148.59	11.95
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	3.45	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	5.18	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	19.57	
08 71	16 00-2120	EA	Lever Trim (L) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	359.85	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	9.36	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	14.04	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	53.04	
08 71	16 00-2121	EA	Lever Trim (L) Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	296.15	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	7.45	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	11.17	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	42.21	
08 71	16 00-2122	EA	Lever - Blank Escutcheon (L-BE), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	296.15	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	7.45	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	11.17	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	42.21	
08 71	16 00-2123	EA	Lever - Night Latch (L-NL) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	305.03	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	7.72	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	11.57	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	43.72	
08 71	16 00-2124	EA	Lever - Night Latch (L-NL) Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	241.33	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	5.81	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	8.71	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	32.90	
08 71	16 00-2125	EA	Lever Dummy Trim (L-DT), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	241.33	17.94
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	5.81	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	8.71	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	32.90	

**08 Openings****08 70 Hardware****08 71 Door Hardware**
**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2126	EA		Knob Trim (K) With 110NL Cylinder, Von Duprin Series 98/99.....	296.27	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.45	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	11.18	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	42.23	
08 71 16 00-2127	EA		Knob Trim (K) Without Cylinder, Von Duprin Series 98/99 .....	232.57	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.54	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.31	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	31.41	
08 71 16 00-2128	EA		Knob - Blank Escutcheon (K-BE), Von Duprin Series 98/99 .....	232.57	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.54	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.31	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	31.41	
08 71 16 00-2129	EA		Knob - Night Latch (K-NL) With 110NL Cylinder, Von Duprin Series 98/99.....	291.33	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	7.31	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	10.96	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	41.40	
08 71 16 00-2130	EA		Knob - Night Latch (K-NL) Without Cylinder, Von Duprin Series 98/99.....	227.63	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.39	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.09	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	30.57	
08 71 16 00-2131	EA		Knob Dummy Trim (K-DT) Without Cylinder, Von Duprin Series 98/99 .....	227.63	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.39	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.09	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	30.57	
08 71 16 00-2132	EA		Thumbpiece Trim (TP) With 110NL Cylinder, Von Duprin Series 98/99 .....	264.47	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.50	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.75	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	36.83	
08 71 16 00-2133	EA		Thumbpiece Trim (TP) Without Cylinder, Von Duprin Series 98/99.....	200.77	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	4.59	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	6.88	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	26.00	
08 71 16 00-2134	EA		Thumbpiece - Blank Escutcheon (T-BE), Von Duprin Series 98/99.....	200.77	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	4.59	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	6.88	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	26.00	
08 71 16 00-2135	EA		Push/Pull Hospital Latch Trim (HL) With 110NL Cylinder, Von Duprin Series 98/99 .....	218.12	17.94
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	5.11	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	7.66	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	28.95	
08 71 16 00-2136			<b>Option And Kits For Series 22, 33, 35, 98 Or 99</b> (08 71 16 00-2086)		
08 71 16 00-2137	EA		Alarm Kit With Switch And 9 Volt Battery Back-up.....	613.97	17.94
08 71 16 00-2138	EA		Power Supply For Chexit Or Electric Latch Devices (Von Duprin PS914).....	465.46	17.94
			Note: 4 amp @ 12 volt DC, 2 amp @ 24 volt DC.		
			For Battery Backup (Includes Board And 2 Batteries), Add	66.45	
			For Fire Alarm Interface, Add	33.22	
			For 2 Relay Panic Device Control Board, Add	96.35	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	112.95	
			For 4 Relay Output Board, Add	93.02	
			For 4 Relay Logic Board, Add	255.13	
			For Fused 8 Zone Distribution Board, Add	33.22	
08 71 16 00-2139	EA		Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	432.51	17.94
08 71 16 00-2140	EA		Power Supply, 2 Amp (Von Duprin PS902) .....	185.25	17.94
			Note: 2A@12/24 VDC		
			For Battery Backup (Includes Board And 2 Batteries), Add	66.45	
			For Fire Alarm Interface, Add	33.22	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	112.95	
			For 4 Relay Output Board, Add	93.02	
			For 4 Relay Logic Board, Add	255.13	
			For Fused 8 Zone Distribution Board, Add	33.22	
08 71 16 00-2141	EA		Power Supply, 4 Amp (Von Duprin PS904) .....	306.86	17.94
			Note: 4A@12/24 VDC		
			For Battery Backup (Includes Board And 2 Batteries), Add	66.45	
			For Fire Alarm Interface, Add	33.22	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	112.95	
			For 4 Relay Output Board, Add	93.02	
			For 4 Relay Logic Board, Add	255.13	
			For Fused 8 Zone Distribution Board, Add	33.22	
08 71 16 00-2142	EA		Request to Exit Push Pad Monitor Switch (RX) .....	128.62	11.95
08 71 16 00-2143			<b>Removable Verticals, Mullions (Von Duprin)</b> (08 71 16 00-2086)		





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2144 EA 7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	346.83 -299.00	11.95
08 71 16 00-2145 EA 8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	370.23 -322.40	11.95
08 71 16 00-2146 EA 10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	622.63 -574.80	11.95
08 71 16 00-2147 EA 7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	606.00 -548.60	14.35
08 71 16 00-2148 EA 8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	629.40 -572.00	14.35
08 71 16 00-2149 EA 10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	680.75 -623.35	14.35
08 71 16 00-2150 EA 7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	510.63 -462.80	11.95
08 71 16 00-2151 EA 8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	534.68 -486.85	11.95
08 71 16 00-2152 EA 10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	583.43 -535.60	11.95
08 71 16 00-2153 EA 7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	795.15 -737.75	14.35
08 71 16 00-2154 EA 8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	819.20 -761.80	14.35
08 71 16 00-2155 EA 10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,574.96 -1,517.56	14.35
08 71 16 00-2156 EA Mullion Stabilizer Set (Von Duprin 154) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	67.88 -48.75	9.57
<b>08 71 16 00-2157 Cross Bar Exit Device, Von Duprin Series 88</b> <small>(08 71 16 00-2086)</small> Note: Grade 1, BHMA 156.3.		
08 71 16 00-2158 EA 42" Crossbar Exit Device, Rim Type ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	847.44 21.82 22.53 192.18 192.18	53.81
08 71 16 00-2159 EA 42" Crossbar Exit Device, Rim Type, Fire Rated ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,002.79 26.64 27.50 234.59 234.59	53.81
08 71 16 00-2160 EA 42" Crossbar Exit Device, Surface Vertical Rods ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,104.28 28.90 29.83 254.46 254.46	64.57
08 71 16 00-2161 EA 42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,440.33 39.31 40.58 346.20 346.20	64.57
08 71 16 00-2162 EA 42" Crossbar Exit Device, Concealed Vertical Rods ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,046.03 26.27 27.12 231.38 231.38	74.14
08 71 16 00-2163 EA 42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,351.59 35.75 36.90 314.80 314.80	74.14
08 71 16 00-2164 EA 42" Crossbar Exit Device, Mortise Lock ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,141.36 29.82 30.78 262.63 262.63	66.96

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-2165	EA	42" Crossbar Exit Device, Mortise Lock, Fire Rated .....	1,220.66	66.96
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	32.28	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	33.32	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	284.27	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	284.27	
08 71 16 00-2166	EA	Dummy Trim (DT), Von Duprin Series 88 .....	126.62	8.97
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	3.18	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	3.29	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	28.04	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	28.04	
08 71 16 00-2167	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 88.....	205.73	11.95
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	5.34	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	5.51	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	47.02	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	47.02	
08 71 16 00-2168	EA	Thumbturn Trim (376T Or 377T) With Cylinder, Von Duprin Series 88.....	363.73	17.94
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	9.79	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	10.11	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	86.24	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	86.24	
08 71 16 00-2169	EA	Lever Trim (373L) With Cylinder, Von Duprin Series 88 .....	337.73	17.94
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.99	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	9.28	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.14	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.14	
08 71 16 00-2170	EA	Knob Trim (K) With Cylinder, Von Duprin Series 88 .....	249.98	17.94
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	6.27	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	6.47	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
08 71 16 00-2171	EA	Thumbpiece Trim (TP) With Cylinder, Von Duprin Series 88.....	249.98	17.94
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	6.27	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	6.47	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
<b>08 71 16 00-2172</b>		<b>Door Closers</b> <small>(08 71 16)</small>		
		Note: Includes standard cover and arm.		
08 71 16 00-2173	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series) .....	246.33	13.87
		For Delayed Action (ADA), Add	12.60	
		For AVB (5 LB Per Push), Add	6.60	
		For Fusible Link Arm, Add	39.60	
		For Shock Absorbing Arm, Add	19.80	
		For Hold Open Arm, Add	13.80	
		For Plated Brass Finish, Add	101.40	
		For Plated Finish With Clear Coat, Add	127.20	
		For Parallel Arm, Add	22.40	
08 71 16 00-2174	EA	Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series).....	306.08	13.87
		For Delayed Action (ADA), Add	12.60	
		For AVB (5 LB Per Push), Add	6.60	
		For Fusible Link Arm, Add	39.60	
		For Shock Absorbing Arm, Add	19.80	
		For Hold Open Arm, Add	13.80	
		For Plated Brass Finish, Add	101.40	
		For Plated Finish With Clear Coat, Add	127.20	
08 71 16 00-2175	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series).....	315.58	13.87
		For Delayed Action (ADA), Add	12.60	
		For AVB (5 LB Per Push), Add	6.60	
		For Fusible Link Arm, Add	39.60	
		For Shock Absorbing Arm, Add	19.80	
		For Hold Open Arm, Add	13.80	
		For Plated Brass Finish, Add	101.40	
		For Plated Finish With Clear Coat, Add	127.20	
		For Spring Cush Arm, Add	67.20	
		For Parallel Arm And PA Shoe, Add	22.40	
		For Stainless Steel Finish, Add	145.00	
08 71 16 00-2176	EA	Surface Mounted High Security Door Closer, Metal Cover (LCN 4510).....	327.47	13.87
		For Delayed Action (ADA), Add	12.60	
		For AVB (5 LB Per Push), Add	6.60	
		For Fusible Link Arm, Add	39.60	
		For Shock Absorbing Arm, Add	19.80	
		For Hold Open Arm, Add	13.80	
		For Plated Brass Finish, Add	101.40	
		For Plated Finish With Clear Coat, Add	127.20	
08 71 16 00-2177	EA	Surface Mounted Standard Duty Door Closer (Norton 8301).....	201.58	13.87
		For Parallel Arm, Add	22.40	
08 71 16 00-2178	EA	Surface Mounted Standard Duty Door Closer (Norton 8501).....	203.58	13.87
		For Parallel Arm, Add	22.40	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 16 00-2179</b> <b>Concealed Door Closers</b> <small>(08 71 16)</small>		
08 71 16 00-2180    EA    Floor Concealed Door Closer, Non Hold Open (Rixson 27/28).....	691.40	41.13
08 71 16 00-2181    EA    Floor Concealed Door Closer, Selective Hold Open (Rixson 27/27).....	747.40	41.13
08 71 16 00-2182    EA    Concealed (In Door) Overhead Door Closer (LCN 3130).....	361.64	16.74
<i>For Delayed Action (ADA), Add</i>	12.60	
<i>For Hold Open Arm, Add</i>	13.80	
<i>For Plated Brass Finish, Add</i>	101.40	
<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 16 00-2183    EA    Concealed (In Frame) Overhead Door Closer (LCN 5010).....	394.40	16.74
<i>For Delayed Action (ADA), Add</i>	12.60	
<i>For Hold Open Arm, Add</i>	13.80	
<i>For Plated Brass Finish, Add</i>	101.40	
<i>For Plated Finish With Clear Coat, Add</i>	127.20	
<b>08 71 16 00-2184</b> <b>Locks And Latches</b> <small>(08 71 16)</small>		
Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include construction cores. Multi purchase locksets are keyed alike and to the existing master key. The cost for boring hole or preparing mortise is included with the new door.		
<b>08 71 16 00-2185</b> <b>Locksmith Services</b> <small>(08 71 16 00-2184)</small>		
08 71 16 00-2186    EA    Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	1.13	
<i>For &gt;50, Deduct</i>	-0.23	
08 71 16 00-2187    EA    Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	57.42	
<i>For &gt;5, Deduct</i>	-5.74	
08 71 16 00-2188    EA    Replace Cylinder With Owner Supplied Cylinder.....	57.42	
<i>For &gt;5, Deduct</i>	-5.74	
08 71 16 00-2189    EA    Replace Cylinder With New Cylinder.....	69.41	
Note: Excludes core.		
<i>For &gt;5, Deduct</i>	-5.74	
08 71 16 00-2190    EA    Open Locked Doors.....	57.42	
08 71 16 00-2191    EA    Install Owner Furnished Cores And Cylinders.....	24.22	
<b>08 71 16 00-2192</b> <b>Mortise Locksets And Latchsets</b> <small>(08 71 16 00-2184)</small>		
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 16 00-2193    EA    Passage/Closet F01 Mortise Latchset.....	300.81	11.95
Note: Both sides always unlocked.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	8.35	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	7.59	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	12.65	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	89.30	
08 71 16 00-2194    EA    Bath/Bedroom Privacy F02 Mortise Lockset.....	357.02	11.95
Note: Locked with thumb knob inside.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.20	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.28	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	15.46	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	109.14	
08 71 16 00-2195    EA    Entrance/Office F04 Mortise Lockset.....	396.78	11.95
Note: Locked with key outside and thumb knob inside.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	11.52	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	10.47	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	17.45	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	123.18	
08 71 16 00-2196    EA    Classroom F05 Mortise Lockset.....	370.66	11.95
Note: Locked with key outside. Inside always unlocked.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.65	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.68	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	16.14	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	113.96	
<i>For Security Function (Double Cylinder) With Visual Indicator, Add</i>	39.33	
08 71 16 00-2197    EA    Storeroom/Closet F07 Mortise Lockset.....	370.66	11.95
Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.65	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.68	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	16.14	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	113.96	
08 71 16 00-2198    EA    Entrance F08 Mortise Lockset.....	413.43	11.95
Note: Locked with key outside and thumb knob inside.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	12.06	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	10.97	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	18.28	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	129.06	
08 71 16 00-2199    EA    Dormitory/Exit F13 Mortise Lockset.....	356.63	11.95
Note: Locked with key outside and thumb knob inside.		
<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.19	
<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.26	
<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	15.44	
<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	109.01	
<b>08 71 16 00-2200</b> <b>Locks And Latches</b> <small>(08 71 16 00-2184)</small>		

**08 Openings****08 70 Hardware**

08 71 Door Hardware

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2201			<b>Heavy Duty Cylinder Lever Locksets</b> (08 71 16 00-2200) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/8" backset. (Corbin Russwin CL 3500).		
08 71 16 00-2202	EA		Heavy Duty Cylindrical Passage Or Closet Lockset F75 .....210.30	210.30	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2203	EA		Heavy Duty Cylindrical Privacy Bath/Bedroom Lockset F76 .....226.26	226.26	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2204	EA		Heavy Duty Cylindrical Entrance Lockset F82 .....248.01	248.01	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2205	EA		Heavy Duty Cylindrical Classroom Lockset F84 .....248.01	248.01	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2206	EA		Heavy Duty Cylindrical Storeroom Or Closet Lockset F86 .....248.01	248.01	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2207	EA		Heavy Duty Cylindrical Entrance Lockset F109 .....248.01	248.01	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2208	EA		Heavy Duty Cylindrical Full Dummy Trim Lockset .....197.25	197.25	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 16 00-2209			<b>Extra Heavy Duty Cylinder Lever Locksets</b> (08 71 16 00-2200) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/4" backset. (Corbin Russwin CL 3300).		
08 71 16 00-2210	EA		Extra Heavy Duty Cylindrical Passage Or Closet Lockset F75 .....231.95	231.95	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2211	EA		Extra Heavy Duty Cylindrical Privacy Bath/Bedroom Lockset F76 .....258.17	258.17	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2212	EA		Extra Heavy Duty Cylindrical Entrance Lockset F82 .....279.93	279.93	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2213	EA		Extra Heavy Duty Cylindrical Classroom Lockset F84 .....279.93	279.93	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2214	EA		Extra Heavy Duty Cylindrical Storeroom Or Closet Lockset F86 .....279.93	279.93	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2215	EA		Extra Heavy Duty Cylindrical Entrance Lockset F109 .....279.93	279.93	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2216	EA		Extra Heavy Duty Cylindrical Utility Lockset F87 .....301.69	301.69	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2217	EA		Extra Heavy Duty Cylindrical Full Dummy Trim Lockset .....207.42	207.42	11.95
			Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 16 00-2218			<b>Cylinder Core</b> (08 71 16 00-2184) Note: Satin chrome plated US 26D (BHMA 626).		
08 71 16 00-2219	EA		6 Or 7 Pin Uncombined Interchangeable Core .....19.54	19.54	4.78
			Note: Satin chrome plated US 26D (BHMA 626).		
08 71 16 00-2220			<b>Pushbutton Combination Locks</b> (08 71 16 00-2184)		
08 71 16 00-2221			<b>Mechanical Pushbutton Combination Locks</b> (08 71 16 00-2220) Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 16 00-2222			<b>Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)</b> (08 71 16 00-2221) Note: Satin chrome or antique brass finish.		
08 71 16 00-2223	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series) .....418.59	418.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2224	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series) .....453.59	453.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2225	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series) .....467.59	467.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2226	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series) .....502.59	502.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2227	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series) .....478.09	478.09	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2228	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series) .....513.09	513.09	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2229	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series) .....527.09	527.09	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2230	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series) .....562.09	562.09	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i> 17.50		
08 71 16 00-2231			<b>Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)</b> (08 71 16 00-2221) Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2232	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	469.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2233	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	497.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2234	EA		Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	553.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2235	EA		Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	574.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2236	EA		Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	574.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2237	EA		Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	539.69	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<b>08 71 16 00-2238</b>			<b>Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)</b>		
			<small>(08 71 16 00-2221)</small> Note: Satin chrome or antique brass finish.		
08 71 16 00-2239	EA		Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	579.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 16 00-2240	EA		Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	600.59	30.27
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
<b>08 71 16 00-2241</b>			<b>Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)</b>		
			<small>(08 71 16 00-2221)</small> Note: Satin stainless, bright brass or antique brass finish.		
08 71 16 00-2242	EA		Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	217.69	30.27
08 71 16 00-2243	EA		Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	310.09	30.27
<b>08 71 16 00-2244</b>			<b>Electrical Pushbutton Combination Locks</b> <small>(08 71 16 00-2220)</small>		
			Note: Privacy option limits access to privileged users (master codes).		
<b>08 71 16 00-2245</b>			<b>Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series)</b> <small>(08 71 16 00-2244)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 16 00-2246	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	436.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2247	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	520.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2248	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	541.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2249	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	506.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2250	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	471.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2251	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	541.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2252	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	555.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2253	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	576.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2254	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	541.09	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
<b>08 71 16 00-2255</b>			<b>Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series)</b> <small>(08 71 16 00-2244)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2256	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	576.09	30.27
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2257	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	576.09	30.27
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
<b>08 71 16 00-2258</b>			<b>Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2259	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	684.59	30.27
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2260	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	684.59	30.27
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
<b>08 71 16 00-2261</b>			<b>Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2262	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	740.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2263	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	810.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2264	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	824.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2265	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	845.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2266	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	810.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
<b>08 71 16 00-2267</b>			<b>Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2268	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,073.09	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2269	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,143.09	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2270	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,157.09	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2271	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,178.09	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2272	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,143.09	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	74.16	
			<i>Note: Excludes momentary contact switch.</i>		
<b>08 71 16 00-2273</b>			<b>Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2274	EA		Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series).....	1,549.09	30.27
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	35.00	
<b>08 71 16 00-2275</b>			<b>Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2276	EA		Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series).....	950.59	30.27
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<b>08 71 16 00-2277</b>			<b>Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series)</b> (08 71 16 00-2244)		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome finish.</i>		
08 71 16 00-2278	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	558.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-437.50	
08 71 16 00-2279	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	642.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-521.50	
08 71 16 00-2280	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	663.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	
08 71 16 00-2281	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	628.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-507.50	
08 71 16 00-2282	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	593.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-472.50	
08 71 16 00-2283	EA		Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	663.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	
08 71 16 00-2284	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	677.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-556.50	
08 71 16 00-2285	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	698.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-577.50	
08 71 16 00-2286	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	663.59	30.27
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	
<b>08 71 16 00-2287</b>			<b>Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®)</b> (08 71 16 00-2244)		
08 71 16 00-2288	EA		Standard Software Implementation Kit (Kaba® E-Plex®).....	446.87	
08 71 16 00-2289	EA		Enterprise Software Implementation Kit (Kaba® E-Plex®).....	586.87	
08 71 16 00-2290	EA		E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®).....	796.87	
08 71 16 00-2291	EA		USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®).....	226.93	
08 71 16 00-2292	EA		High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series).....	70.91	
			<i>Note: Includes 4 C-cell battery pack.</i>		
08 71 16 00-2293	EA		12-24 VDC Power Interface Kit (Kaba® E-Plex® E5x00 Series).....	85.61	

**08 Openings****08 70 Hardware**

08 71 Door Hardware

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2294			<b>Electrical Pushbutton Combination Locks (Schlage)</b> (08 71 16 00-2244) Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 16 00-2295	EA		Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D).....	486.68	29.89
			<i>For Owner Furnished Material, Deduct</i>	-367.11	
08 71 16 00-2296	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D).....	569.10	29.89
			<i>For Owner Furnished Material, Deduct</i>	-449.53	
08 71 16 00-2297	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626) .....	646.69	29.89
			<i>For Owner Furnished Material, Deduct</i>	-527.12	
08 71 16 00-2298	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626).....	855.40	29.89
			<i>For Owner Furnished Material, Deduct</i>	-735.83	
08 71 16 00-2299	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626).....	938.35	29.89
			<i>For Owner Furnished Material, Deduct</i>	-818.78	
08 71 16 00-2300	EA		Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626) .....	1,035.75	29.89
			<i>For Owner Furnished Material, Deduct</i>	-916.18	
08 71 16 00-2301	EA		Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626) .....	949.05	29.89
			<i>For Owner Furnished Material, Deduct</i>	-829.48	
08 71 16 00-2302			<b>Deadbolts</b> (08 71 16 00-2184)		
08 71 16 00-2303			<b>Cylindrical Deadbolts, Grade 1, ANSI 156.5</b> (08 71 16 00-2302) Note: 2-3/8" or 2-3/4" backset. (Corbin Russwin ILCO 4500 Series).		
08 71 16 00-2304	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side .....	99.47	11.95
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
08 71 16 00-2305	EA		Double Cylinder Deadbolt, Key Both Sides.....	115.67	11.95
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
08 71 16 00-2306			<b>Small Case Mortised Deadbolts, Grade 1, ANSI 156.5</b> (08 71 16 00-2302) Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 16 00-2307	EA		Small Case Mortised Deadbolt, Key One Side, Knob One Side .....	129.43	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 16 00-2308	EA		Small Case Mortised Deadbolt, Key Both Sides .....	144.43	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 16 00-2309	EA		Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side.....	126.43	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 16 00-2310			<b>Mortised Deadbolts, Grade 1, ANSI 156.5</b> (08 71 16 00-2302) Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 16 00-2311	EA		Mortised Deadbolt, Key One Side, Knob One Side.....	170.23	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 16 00-2312	EA		Mortised Deadbolt, Key Both Sides .....	194.83	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 16 00-2313	EA		Mortised Deadbolt, Key One Side, Cover Plate One Side .....	149.23	11.95
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 16 00-2314			<b>Surface Mounted Deadbolts</b> (08 71 16 00-2302)		
08 71 16 00-2315	EA		Single Cylinder Surface Mounted Deadbolt .....	64.20	11.95
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2316	EA		Double Cylinder Surface Mounted Deadbolt.....	75.04	11.95
			Note: Key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2317	EA		Single Cylinder Surface Mounted Interlocking Deadbolt.....	83.66	11.95
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2318	EA		Double Cylinder Surface Mounted Interlocking Deadbolt.....	94.50	11.95
			Note: Jimmy proof, key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2319			<b>Surface Mounted Deadlatches</b> (08 71 16 00-2184)		
08 71 16 00-2320	EA		Single Cylinder Surface Mounted Deadlatch .....	65.05	11.95
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2321	EA		Single Cylinder Surface Mounted Interlocking Deadlatch.....	83.70	11.95
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 16 00-2322			<b>Door Coordinators</b> (08 71 16)		





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2323	EA		32" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	246.07 -74.51	14.95
08 71 16 00-2324	EA		42" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	258.63 -78.58	15.54
08 71 16 00-2325	EA		52" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	264.46 -79.96	16.14
08 71 16 00-2326	EA		60" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	276.12 -83.66	16.74
08 71 16 00-2327	EA		72" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	296.90 -91.02	17.33
08 71 16 00-2328	EA		Up To 20" Filler Bar For Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	56.12 -14.80	4.78
08 71 16 00-2329	EA		Up To 32" Filler Bar For Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	61.65 -16.05	5.38
08 71 16 00-2330	EA		Up To 44" Filler Bar For Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	71.13 -18.88	5.98
08 71 16 00-2331	EA		CB1 Carry Bar For Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	50.22 -10.52	5.98
08 71 16 00-2332	EA		7" Projection COR Series Gravity Type Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	74.02 -15.26	8.97
08 71 16 00-2333	EA		9" Projection COR Series Gravity Type Door Coordinator..... <i>For Anodized Aluminum Finish, Deduct</i>	80.13 -17.70	8.97
<b>08 71 16 00-2334</b>			<b>Removal And Reinstallation Of Door Hardware</b> (08 71 16) Note: Includes storage and cleaning.		
08 71 16 00-2335	EA		Remove And Reinstall Door Lockset, Entrance.....	35.87	
08 71 16 00-2336	EA		Remove And Reinstall Door Lockset, Mortise.....	57.39	
08 71 16 00-2337	EA		Remove And Reinstall Deadbolt Lock.....	38.27	
08 71 16 00-2338	PR		Remove And Reinstall Butts/Hinges.....	9.57	
08 71 16 00-2339	EA		Remove And Reinstall Door Bumper.....	3.35	
08 71 16 00-2340	EA		Remove And Reinstall Surface Mounted Panic Device.....	95.65	
08 71 16 00-2341	EA		Remove And Reinstall Kick Plate.....	11.95	
08 71 16 00-2342	EA		Remove And Reinstall Push Plate.....	9.57	
08 71 16 00-2343	EA		Remove And Reinstall Surface Mounted Door Closer Or Holder.....	47.83	
08 71 16 00-2344	EA		Remove And Reinstall Door Handles.....	7.18	
<b>08 71 16 00-2345</b>			<b>Electromagnetic Door Release</b> (08 71 16)		
08 71 16 00-2346	EA		Electro-Magnetic Door Release, Wall Mount, Surface 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	275.24	30.14
08 71 16 00-2347	EA		Electro-Magnetic Door Release, Wall Mount, Recessed 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	267.65	30.14
08 71 16 00-2348	EA		Electro-Magnetic Door Release, Wall Mount, Recessed, Adjustable 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	305.92	30.14
08 71 16 00-2349	EA		Electro-Magnetic Door Release, Wall Mount, Surface Or Recessed, High Hold 24 Volt AC/DC.....	531.79	30.14
08 71 16 00-2350	EA		Electro-Magnetic Door Release, Sliding Door 24 Volt DC.....	511.65	30.14
08 71 16 00-2351	EA		Electro-Magnetic Door Release, Overhead Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	511.65	30.14
08 71 16 00-2352	EA		Electro-Magnetic Door Release, Floor Mount, Single Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	462.39	30.14
08 71 16 00-2353	EA		Electro-Magnetic Door Release, Floor Mount, Back-to-Back Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC.....	586.94	30.14
08 71 16 00-2354	EA		Photo Electric Smoke Detector Suitable For Door Holder Release.....	550.88	30.14
08 71 16 00-2355	EA		Ionization Type Smoke Detector Suitable For Door Holder Release.....	691.00	30.14
<b>08 71 19</b>			<b>Weatherstripping And Seals</b> (08 71)		
08 71 19 00-0001			<b>Weather-Stripping And Seals</b> (08 71 19)		
08 71 19 00-0002			<b>Astragals</b> (08 71 19 00-0001) Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 71 19 00-0003			<b>Adhesive Backed Astragals</b> (08 71 19 00-0002)		
08 71 19 00-0004	LF		7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771).....	2.31	0.35
08 71 19 00-0005	LF		1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772).....	2.59	0.35
08 71 19 00-0006	LF		1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110).....	1.95	0.35
08 71 19 00-0007			<b>Overlapping Astragals</b> (08 71 19 00-0002)		
08 71 19 00-0008			<b>Aluminum, Overlapping Astragals</b> (08 71 19 00-0007)		
08 71 19 00-0009	LF		2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)..... <i>For Color Anodized Finish, Add</i>	8.92 1.40	2.15
08 71 19 00-0010			<b>Stainless Steel, Overlapping Astragals</b> (08 71 19 00-0007)		
08 71 19 00-0011	LF		2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS).....	18.89	2.15
08 71 19 00-0012			<b>"T" Astragals</b> (08 71 19 00-0002)		
08 71 19 00-0013			<b>Aluminum, "T" Astragals</b> (08 71 19 00-0012)		

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0014	LF		1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A).....	5.51	2.15
			<i>For Color Anodized Finish, Add</i>	0.44	
08 71 19 00-0015	LF		Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV).....	7.15	2.15
			<i>For Color Anodized Finish, Add</i>	0.58	
08 71 19 00-0016	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	7.40	2.15
			<i>For Color Anodized Finish, Add</i>	1.10	
			<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0017	LF		Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR).....	14.43	2.15
			<i>For Color Anodized Finish, Add</i>	3.56	
<b>08 71 19 00-0018</b>			<b>Brass/Bronze, "T" Astragals</b> (08 71 19 00-0012)		
08 71 19 00-0019	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	46.75	2.15
			<i>For Silicone Insert, Add</i>	0.63	
<b>08 71 19 00-0020</b>			<b>Locking Astragals</b> (08 71 19 00-0002)		
<b>08 71 19 00-0021</b>			<b>Outswing Locking Astragals</b> (08 71 19 00-0020)		
			Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
<b>08 71 19 00-0022</b>			<b>Aluminum, Outswing Locking Astragals</b> (08 71 19 00-0021)		
08 71 19 00-0023	LF		Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS).....	19.60	2.15
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Color Anodized Finish, Add</i>	3.07	
08 71 19 00-0024	LF		Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS).....	22.89	2.15
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Color Anodized Finish, Add</i>	3.73	
08 71 19 00-0025	LF		Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ).....	22.09	2.15
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Thermal Break, Add</i>	1.07	
08 71 19 00-0026	LF		Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ).....	24.76	2.15
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Thermal Break, Add</i>	1.23	
<b>08 71 19 00-0027</b>			<b>Inswing Locking Astragals</b> (08 71 19 00-0020)		
			Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
<b>08 71 19 00-0028</b>			<b>Wood, Inswing Locking Astragals</b> (08 71 19 00-0027)		
08 71 19 00-0029	LF		Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832).....	23.09	2.15
08 71 19 00-0030	LF		Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q).....	22.97	2.15
			Note: Includes kerf-in foam seal.		
<b>08 71 19 00-0031</b>			<b>Aluminum, Inswing Locking Astragals</b> (08 71 19 00-0027)		
08 71 19 00-0032	LF		Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV).....	12.70	2.15
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	1.69	
08 71 19 00-0033	LF		Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV).....	15.45	2.15
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	2.24	
08 71 19 00-0034	LF		Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ).....	13.74	2.15
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
			<i>For Color Anodized Finish, Add</i>	1.90	
08 71 19 00-0035	LF		Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ).....	16.47	2.15
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
			<i>For Color Anodized Finish, Add</i>	2.44	
<b>08 71 19 00-0036</b>			<b>Security Astragals</b> (08 71 19 00-0002)		
08 71 19 00-0037	LF		Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C).....	11.79	2.15
			<i>For Color Anodized Finish, Add</i>	7.54	
08 71 19 00-0038	LF		2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP).....	20.44	2.15
<b>08 71 19 00-0039</b>			<b>Meeting Stile Astragals</b> (08 71 19 00-0002)		
<b>08 71 19 00-0040</b>			<b>One Piece, Meeting Stile Astragals</b> (08 71 19 00-0039)		
			Note: Includes an astragal for one door only.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0041	LF		1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP).....	7.05	2.15
			<i>For Color Anodized Finish, Add</i>	0.84	
08 71 19 00-0042	LF		1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN).....	11.06	3.20
			<i>For Color Anodized Finish, Add</i>	1.87	
08 71 19 00-0043	LF		9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN).....	15.13	3.20
			<i>For Color Anodized Finish, Add</i>	0.87	
08 71 19 00-0044	LF		15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	15.65	3.20
			<i>For Color Anodized Finish, Add</i>	2.32	
08 71 19 00-0045	LF		1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	25.56	3.20
<b>08 71 19 00-0046</b>			<b>Two Piece, Meeting Stile Split Astragals</b> (08 71 19 00-0039) Note: Includes one astragal for each door.		
08 71 19 00-0047	LF		1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	8.54	3.20
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0048	LF		1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV).....	8.54	3.20
			<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0049	LF		1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV).....	8.54	3.20
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0050	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN).....	14.24	3.20
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	1.57	
08 71 19 00-0051	LF		3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNC).....	11.44	3.20
			<i>For Color Anodized Finish, Add</i>	2.02	
08 71 19 00-0052	LF		5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNC).....	11.81	3.20
			<i>For Color Anodized Finish, Add</i>	2.17	
08 71 19 00-0053	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV).....	14.62	3.20
			<i>For Color Anodized Finish, Add</i>	4.12	
			<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0054	LF		3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNC).....	14.99	3.20
			<i>For Color Anodized Finish, Add</i>	3.44	
08 71 19 00-0055	LF		5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNC).....	15.36	3.20
			<i>For Color Anodized Finish, Add</i>	3.59	
<b>08 71 19 00-0056</b>			<b>Two Piece, Adjustable Meeting Stile Split Astragals</b> (08 71 19 00-0039) Note: Includes one astragal for each door.		
<b>08 71 19 00-0057</b>			<b>Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals</b> (08 71 19 00-0056)		
08 71 19 00-0058	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	28.64	3.20
			<i>For Color Anodized Finish, Add</i>	5.56	
			<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0059	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	29.22	3.20
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	4.57	
<b>08 71 19 00-0060</b>			<b>Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals</b> (08 71 19 00-0056)		
08 71 19 00-0061	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	150.35	3.20
			<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0062	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP).....	140.28	3.20
			<i>For Silicone Insert, Add</i>	0.63	
<b>08 71 19 00-0063</b>			<b>Door Sweeps</b> (08 71 19 00-0001)		
<b>08 71 19 00-0064</b>			<b>Tack On Door Sweeps</b> (08 71 19 00-0063)		
08 71 19 00-0065	LF		For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	3.04	1.19
08 71 19 00-0066	LF		For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	3.09	1.19
08 71 19 00-0067	LF		For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V).....	3.26	1.19
<b>08 71 19 00-0068</b>			<b>Aluminum Retainer Door Sweeps</b> (08 71 19 00-0063)		

**08 Openings****08 70 Hardware****08 71 Door Hardware**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0069			<b>35 Degree, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0068) Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 71 19 00-0070	LF		5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	7.49	2.38
			<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0071	LF		1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB).....	7.77	2.38
			<i>For Color Anodized Finish, Add</i>	1.05	
08 71 19 00-0072			<b>45 Degree, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0068) Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 71 19 00-0073	LF		1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB) .....	12.26	2.38
			<i>For Color Anodized Finish, Add</i>	2.99	
08 71 19 00-0074	LF		2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB) .....	13.38	2.38
			<i>For Color Anodized Finish, Add</i>	3.44	
08 71 19 00-0075	LF		4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB).....	15.81	2.38
			<i>For Color Anodized Finish, Add</i>	4.41	
08 71 19 00-0076			<b>90 Degree, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0068) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 71 19 00-0077	LF		3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB).....	8.43	2.38
			<i>For Color Anodized Finish, Add</i>	0.37	
08 71 19 00-0078	LF		5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB).....	8.33	2.38
			<i>For Color Anodized Finish, Add</i>	0.36	
08 71 19 00-0079	LF		1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB).....	8.99	2.38
			<i>For Color Anodized Finish, Add</i>	1.47	
08 71 19 00-0080	LF		1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB) .....	9.27	2.38
			<i>For Color Anodized Finish, Add</i>	1.80	
08 71 19 00-0081	LF		7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN).....	8.14	2.38
			<i>For Color Anodized Finish, Add</i>	0.84	
08 71 19 00-0082	LF		11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	10.76	2.38
			<i>For Color Anodized Finish, Add</i>	1.20	
08 71 19 00-0083	LF		15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	8.71	2.38
			<i>For Color Anodized Finish, Add</i>	0.79	
08 71 19 00-0084	LF		9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) .....	6.25	2.38
			Note: Includes mill finish.		
			<i>For Color Anodized Finish, Add</i>	0.74	
08 71 19 00-0085	LF		1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) .....	6.32	2.38
			Note: Includes mill finish.		
			<i>For Color Anodized Finish, Add</i>	0.77	
08 71 19 00-0086	LF		1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	7.12	2.38
			Note: Includes mill finish.		
			<i>For Color Anodized Finish, Add</i>	0.82	
08 71 19 00-0087			<b>180 Degree, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0068) Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 71 19 00-0088			<b>180 Degree, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0087)		
08 71 19 00-0089	LF		3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB).....	7.30	2.38
			<i>For Color Anodized Finish, Add</i>	1.01	
08 71 19 00-0090	LF		5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB).....	7.49	2.38
			<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0091	LF		1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB).....	8.99	2.38
			<i>For Color Anodized Finish, Add</i>	1.47	
08 71 19 00-0092			<b>180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0087)		
08 71 19 00-0093	LF		3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB).....	9.08	2.38
			<i>For Color Anodized Finish, Add</i>	1.72	
08 71 19 00-0094	LF		5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB).....	9.27	2.38
			<i>For Color Anodized Finish, Add</i>	1.80	
08 71 19 00-0095	LF		1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB).....	10.05	2.38
			<i>For Color Anodized Finish, Add</i>	2.11	
08 71 19 00-0096			<b>Mortised, Aluminum Retainer Door Sweeps</b> (08 71 19 00-0068) Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 71 19 00-0097	LF		1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB) .....	6.46	2.38
08 71 19 00-0098	LF		13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB) .....	6.46	2.38
08 71 19 00-0099	LF		5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB) .....	6.56	2.38
08 71 19 00-0100			<b>Aluminum Retainer Door Sweeps With Rain Drip</b> (08 71 19 00-0063)		
08 71 19 00-0101			<b>90 Degree, Aluminum Retainer Door Sweeps With Rain Drip</b> (08 71 19 00-0100) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0102	LF		1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV).....	6.28	2.38
			<i>For Color Anodized Finish, Add</i>	1.05	
08 71 19 00-0103	LF		1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV).....	7.49	2.38
			<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0104	LF		3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB).....	8.40	2.38
			Note: Includes clear anodized finish.		
			<i>For Color Anodized Finish, Add</i>	0.72	
08 71 19 00-0105	LF		7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB).....	8.57	2.38
			<i>For Color Anodized Finish, Add</i>	0.76	
08 71 19 00-0106			<b>Brass/Bronze Retainer Door Sweeps</b> (08 71 19 00-0063)		
08 71 19 00-0107			<b>90 Degree, Brass/Bronze Retainer Door Sweeps</b> (08 71 19 00-0106)		
			Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0108	LF		7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN) .....	10.39	2.38
08 71 19 00-0109			<b>Oak Retainer Door Sweeps</b> (08 71 19 00-0063)		
08 71 19 00-0110			<b>90 Degree, Oak Retainer Door Sweeps</b> (08 71 19 00-0109)		
			Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0111	LF		9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB) .....	8.24	2.38
08 71 19 00-0112	LF		15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB) .....	9.71	2.38
08 71 19 00-0113			<b>Door Shoes And Bottoms</b> (08 71 19 00-0001)		
08 71 19 00-0114			<b>Door Shoes</b> (08 71 19 00-0113)		
08 71 19 00-0115			<b>Aluminum Retainer Door Shoes</b> (08 71 19 00-0114)		
08 71 19 00-0116			<b>Bottom Mount, Aluminum Retainer Door Shoes</b> (08 71 19 00-0115)		
08 71 19 00-0117	LF		Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV).....	7.02	2.38
			<i>For Color Anodized Finish, Add</i>	0.90	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.68	
08 71 19 00-0118	LF		Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV).....	7.30	2.38
			<i>For Color Anodized Finish, Add</i>	1.01	
08 71 19 00-0119	LF		Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV) .....	10.01	2.38
			<i>For Color Anodized Finish, Add</i>	1.05	
08 71 19 00-0120			<b>Side Mount, Aluminum Retainer Door Shoes</b> (08 71 19 00-0115)		
08 71 19 00-0121	LF		Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV).....	8.24	2.38
			<i>For Color Anodized Finish, Add</i>	1.38	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.68	
08 71 19 00-0122			<b>L Or U Shaped, Aluminum Retainer Door Shoes</b> (08 71 19 00-0115)		
08 71 19 00-0123	LF		Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV) .....	7.49	2.38
			<i>For Color Anodized Finish, Add</i>	1.36	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0124	LF		Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV).....	8.05	2.38
			<i>For Color Anodized Finish, Add</i>	1.31	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0125	LF		Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV).....	8.24	2.38
			<i>For Color Anodized Finish, Add</i>	1.38	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0126	LF		Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV) .....	12.04	2.38
			<i>For Color Anodized Finish, Add</i>	1.45	
08 71 19 00-0127	LF		Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV) .....	12.23	2.38
			<i>For Color Anodized Finish, Add</i>	1.49	
08 71 19 00-0128			<b>L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes</b> (08 71 19 00-0115)		
08 71 19 00-0129	LF		Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV) .....	7.68	2.38
			<i>For Color Anodized Finish, Add</i>	1.45	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0130	LF		Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV).....	8.24	2.38
			<i>For Color Anodized Finish, Add</i>	1.38	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0131	LF		Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV).....	8.33	2.38
			<i>For Color Anodized Finish, Add</i>	1.42	
			<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 71 19 00-0132			<b>Vinyl Door Shoes</b> (08 71 19 00-0114)		
08 71 19 00-0133	LF		1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80) .....	9.51	2.38
08 71 19 00-0134	LF		1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV) .....	11.63	2.38
08 71 19 00-0135			<b>Door Bottoms</b> (08 71 19 00-0113)		
08 71 19 00-0136			<b>Automatic Door Bottoms</b> (08 71 19 00-0135)		

**08 Openings****08 70 Hardware**

08 71 Door Hardware


**ARLINGTON**  
 VIRGINIA

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 71 19 00-0137		<b>Aluminum Automatic Door Bottoms</b> (08 71 19 00-0136)			
08 71 19 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL).....	17.09		2.38
		<i>For Color Anodized Finish, Add</i>	2.46		
08 71 19 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL).....	24.80		2.38
		<i>For Color Anodized Finish, Add</i>	4.00		
08 71 19 00-0140		<b>Door Top Protection</b> (08 71 19 00-0001)			
08 71 19 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343).....	5.87		1.91
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.56		
08 71 19 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344).....	5.87		1.91
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.56		
08 71 19 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C).....	6.95		1.91
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.86		
08 71 19 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door.....	80.59		
08 71 19 00-0145		<b>Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0001)			
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.			
08 71 19 00-0146		<b>Adhesive Backed Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)			
08 71 19 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33) .....	1.85		1.19
		<i>For Intumescent Seal, Add</i>	1.50		
08 71 19 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55) .....	1.88		1.19
		<i>For Intumescent Seal, Add</i>	1.50		
08 71 19 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88).....	2.72		1.19
08 71 19 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44) .....	2.05		1.19
08 71 19 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77) .....	2.78		1.19
		<i>For Intumescent Seal, Add</i>	1.50		
08 71 19 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773).....	2.56		1.19
		<i>For Intumescent Seal, Add</i>	1.50		
08 71 19 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44).....	3.46		1.19
08 71 19 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88).....	3.18		1.19
08 71 19 00-0155		<b>Kerf-In Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)			
08 71 19 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50).....	1.63		1.19
08 71 19 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52).....	2.54		1.19
08 71 19 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103).....	1.85		1.19
08 71 19 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102).....	1.82		1.19
08 71 19 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349).....	2.44		1.19
08 71 19 00-0161		<b>Cushion/Spring Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)			
08 71 19 00-0162		<b>Spring Bronze Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0161)			
08 71 19 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	5.13		1.19
08 71 19 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	5.13		1.19
08 71 19 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	5.68		1.19
08 71 19 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	5.79		1.19
08 71 19 00-0167		<b>Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0161)			
08 71 19 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73).....	4.83		1.19
08 71 19 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74).....	5.68		1.19
08 71 19 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75) .....	6.60		1.19
08 71 19 00-0171		<b>Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)			
08 71 19 00-0172		<b>Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0171)			
08 71 19 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV).....	3.45		1.19
		<i>For Silicone Insert, Add</i>	0.95		
		<i>For Color Anodized Finish, Add</i>	1.07		
08 71 19 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV).....	3.45		1.19
		<i>For Silicone Insert, Add</i>	0.95		
		<i>For Color Anodized Finish, Add</i>	1.07		
08 71 19 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV).....	3.45		1.19
		<i>For Silicone Insert, Add</i>	0.95		
		<i>For Color Anodized Finish, Add</i>	1.07		
08 71 19 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN).....	6.31		1.19
		<i>For Silicone Insert, Add</i>	0.63		
		<i>For Color Anodized Finish, Add</i>	0.79		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0177	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV).....	6.49	1.19
			<i>For Color Anodized Finish, Add</i>	2.06	
			<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0178	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR).....	6.49	1.19
			<i>For Color Anodized Finish, Add</i>	1.44	
08 71 19 00-0179			<b>Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0171)		
08 71 19 00-0180			<b>Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0179)		
08 71 19 00-0181	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV).....	6.17	1.19
			<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0182			<b>Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0179)		
08 71 19 00-0183	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV).....	6.91	1.19
08 71 19 00-0184			<b>Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)		
08 71 19 00-0185			<b>Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0184)		
08 71 19 00-0186	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR).....	18.88	1.19
			<i>For Silicone Insert, Add</i>	1.58	
08 71 19 00-0187	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR).....	33.66	1.19
08 71 19 00-0188			<b>Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0184)		
08 71 19 00-0189			<b>Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0188)		
08 71 19 00-0190	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV).....	28.75	1.19
			<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0191			<b>Aluminum Interlock, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)		
08 71 19 00-0192	LF		Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A).....	8.65	2.38
			Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.		
			<i>For Color Anodized Finish, Add</i>	1.55	
08 71 19 00-0193	LF		Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR).....	8.98	2.38
			Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.		
			<i>For Color Anodized Finish, Add</i>	1.68	
08 71 19 00-0194			<b>Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 71 19 00-0145)		
			Note: Seals gaps from 1/16" to 1/4".		
08 71 19 00-0195	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR).....	11.59	1.19
			<i>For Color Anodized Finish, Add</i>	1.84	
08 71 19 00-0196	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR).....	12.25	1.19
			<i>For Color Anodized Finish, Add</i>	1.97	
<b>08 71 21</b>			<b>Thresholds</b> (08 71)		
08 71 21 00-0001			<b>Thresholds</b> (08 71 21)		
			Note: Includes material, fasteners, installation, caulk and sealants.		
08 71 21 00-0002			<b>Metal Thresholds</b> (08 71 21 00-0001)		
08 71 21 00-0003			<b>Saddle Thresholds</b> (08 71 21 00-0002)		
08 71 21 00-0004			<b>Aluminum Saddle Thresholds</b> (08 71 21 00-0003)		
			Note: Includes mill finish.		
08 71 21 00-0005			<b>3/16" Height, Aluminum Saddle Thresholds</b> (08 71 21 00-0004)		
08 71 21 00-0006	LF		2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A).....	13.11	3.82
			<i>For Color Anodized Finish, Add</i>	1.42	
08 71 21 00-0007			<b>1/4" Height, Aluminum Saddle Thresholds</b> (08 71 21 00-0004)		

**08 Openings****08 70 Hardware****08 71 Door Hardware**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0008	LF		3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A) .....	14.70	3.82
			<i>For Color Anodized Finish, Add</i> .....	2.06	
08 71 21 00-0009	LF		4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A) .....	16.99	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.54	
08 71 21 00-0010	LF		5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A) .....	25.40	4.78
			<i>For Color Anodized Finish, Add</i> .....	6.73	
08 71 21 00-0011	LF		6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A) .....	20.91	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.14	
08 71 21 00-0012	LF		7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A) .....	24.09	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.04	
08 71 21 00-0013	LF		8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A) .....	28.92	5.74
			<i>For Color Anodized Finish, Add</i> .....	3.65	
08 71 21 00-0014	LF		9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A) .....	31.07	5.74
			<i>For Color Anodized Finish, Add</i> .....	4.18	
08 71 21 00-0015	LF		10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A) .....	34.50	5.74
			<i>For Color Anodized Finish, Add</i> .....	5.04	
<b>08 71 21 00-0016</b>			<b>5/16" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)</b>		
08 71 21 00-0017	LF		2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A) .....	14.42	3.82
			<i>For Color Anodized Finish, Add</i> .....	1.70	
<b>08 71 21 00-0018</b>			<b>1/2" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)</b>		
08 71 21 00-0019	LF		3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A) .....	14.51	3.82
			<i>For Color Anodized Finish, Add</i> .....	2.48	
08 71 21 00-0020	LF		4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A) .....	17.74	4.78
			<i>For Color Anodized Finish, Add</i> .....	4.06	
08 71 21 00-0021	LF		5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A) .....	19.56	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.81	
08 71 21 00-0022	LF		6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A) .....	21.10	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.21	
08 71 21 00-0023	LF		7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A) .....	24.09	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.04	
08 71 21 00-0024	LF		8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A) .....	30.04	5.74
			<i>For Color Anodized Finish, Add</i> .....	5.50	
08 71 21 00-0025	LF		9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A) .....	32.01	5.74
			<i>For Color Anodized Finish, Add</i> .....	7.07	
08 71 21 00-0026	LF		10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A) .....	33.97	5.74
			<i>For Color Anodized Finish, Add</i> .....	7.85	
<b>08 71 21 00-0027</b>			<b>Brass/Bronze Saddle Thresholds (08 71 21 00-0003)</b>		
<b>08 71 21 00-0028</b>			<b>3/16" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)</b>		
08 71 21 00-0029	LF		2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B) .....	54.44	3.82
<b>08 71 21 00-0030</b>			<b>1/4" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)</b>		
08 71 21 00-0031	LF		3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B) .....	88.76	3.82
08 71 21 00-0032	LF		4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B) .....	106.98	4.78
08 71 21 00-0033	LF		5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B) .....	130.74	4.78
08 71 21 00-0034	LF		6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B) .....	153.84	4.78
08 71 21 00-0035	LF		7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B) .....	180.24	4.78
08 71 21 00-0036	LF		8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B) .....	232.14	5.74
<b>08 71 21 00-0037</b>			<b>1/2" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)</b>		
08 71 21 00-0038	LF		4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B) .....	117.54	4.78
08 71 21 00-0039	LF		5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B) .....	143.94	4.78
08 71 21 00-0040	LF		6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B) .....	170.34	4.78
08 71 21 00-0041	LF		7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B) .....	203.34	4.78
08 71 21 00-0042	LF		8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B) .....	290.44	5.74
08 71 21 00-0043	LF		10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B) .....	275.30	5.74
<b>08 71 21 00-0044</b>			<b>Stainless Steel Saddle Thresholds (08 71 21 00-0003)</b>		
<b>08 71 21 00-0045</b>			<b>1/2" Height, Stainless Steel Saddle Thresholds (08 71 21 00-0044)</b>		
08 71 21 00-0046	LF		4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS) .....	97.74	4.78
08 71 21 00-0047	LF		5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS) .....	104.34	4.78
<b>08 71 21 00-0048</b>			<b>Half Saddle Thresholds (08 71 21 00-0002)</b>		
<b>08 71 21 00-0049</b>			<b>Aluminum Half Saddle Thresholds (08 71 21 00-0048)</b>		
			Note: Includes mill finish.		
<b>08 71 21 00-0050</b>			<b>3/4" Height, Aluminum Half Saddle Thresholds (08 71 21 00-0049)</b>		
08 71 21 00-0051	LF		5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A) .....	21.32	4.78
			<i>For Color Anodized Finish, Add</i> .....	3.75	





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0052 LF 7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)..... <i>For Color Anodized Finish, Add</i>	28.11 1.62	4.78
<b>08 71 21 00-0053 Offset Saddle Thresholds</b> (08 71 21 00-0002)		
<b>08 71 21 00-0054 Aluminum Offset Saddle Thresholds</b> (08 71 21 00-0053) Note: Includes mill finish.		
<b>08 71 21 00-0055 1/2" Height, Aluminum Offset Saddle Thresholds</b> (08 71 21 00-0054)		
08 71 21 00-0056 LF 5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)..... <i>For Color Anodized Finish, Add</i>	21.38 4.72	4.78
08 71 21 00-0057 LF 7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)..... <i>For Color Anodized Finish, Add</i>	23.81 4.15	4.78
<b>08 71 21 00-0058 3/4" Height, Aluminum Offset Saddle Thresholds</b> (08 71 21 00-0054)		
08 71 21 00-0059 LF 5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)..... <i>For Color Anodized Finish, Add</i>	21.38 4.72	4.78
<b>08 71 21 00-0060 1" Height, Aluminum Offset Saddle Thresholds</b> (08 71 21 00-0054)		
08 71 21 00-0061 LF 7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)..... <i>For Color Anodized Finish, Add</i>	24.75 4.48	4.78
<b>08 71 21 00-0062 Modular Ramp Thresholds</b> (08 71 21 00-0001) Note: Includes mill finish.		
<b>08 71 21 00-0063 Flush, Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0062)		
08 71 21 00-0064 LF 6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA) ..... <i>For Non-Slip Surfacing, Add</i>	23.10 40.62	4.78
08 71 21 00-0065 LF 9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA) ..... <i>For Non-Slip Surfacing, Add</i>	29.06 51.94	5.26
08 71 21 00-0066 LF 12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA) ..... <i>For Non-Slip Surfacing, Add</i>	37.17 70.64	5.97
08 71 21 00-0067 LF 15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA) ..... <i>For Non-Slip Surfacing, Add</i>	47.70 95.23	6.21
08 71 21 00-0068 LF 18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA) ..... <i>For Non-Slip Surfacing, Add</i>	55.68 126.90	6.69
08 71 21 00-0069 LF 21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA) ..... <i>For Non-Slip Surfacing, Add</i>	69.26 141.54	7.41
08 71 21 00-0070 LF 24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA) ..... <i>For Non-Slip Surfacing, Add</i>	77.29 158.70	8.12
08 71 21 00-0071 LF 28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA) ..... <i>For Non-Slip Surfacing, Add</i>	81.98 161.93	8.60
<b>08 71 21 00-0072 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0062)		
08 71 21 00-0073 LF 12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	39.75 75.09	5.97
08 71 21 00-0074 LF 15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	46.93 93.15	6.21
08 71 21 00-0075 LF 18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)..... <i>For Non-Slip Surfacing, Add</i>	58.88 115.80	7.17
08 71 21 00-0076 LF 22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	54.43 101.76	7.65
08 71 21 00-0077 LF 25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	79.96 165.65	8.12
08 71 21 00-0078 LF 28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	87.51 182.78	8.60
08 71 21 00-0079 LF 31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA) ..... <i>For Non-Slip Surfacing, Add</i>	107.67 232.73	9.09
<b>08 71 21 00-0080 7" Top Plate, Offset, Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0062)		
08 71 21 00-0081 LF 16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA) ..... <i>For Non-Slip Surfacing, Add</i>	46.15 93.07	6.45
08 71 21 00-0082 LF 19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA) ..... <i>For Non-Slip Surfacing, Add</i>	54.26 111.78	7.17
08 71 21 00-0083 LF 22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA) ..... <i>For Non-Slip Surfacing, Add</i>	65.25 134.89	7.65
08 71 21 00-0084 LF 25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA) ..... <i>For Non-Slip Surfacing, Add</i>	73.24 153.87	8.12
08 71 21 00-0085 LF 28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA) ..... <i>For Non-Slip Surfacing, Add</i>	86.34 179.74	8.60
08 71 21 00-0086 LF 31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA) ..... <i>For Non-Slip Surfacing, Add</i>	93.89 196.90	9.09
08 71 21 00-0087 LF 35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA) ..... <i>For Non-Slip Surfacing, Add</i>	108.63 223.78	9.56
<b>08 71 21 00-0088 Accessories For Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0062)		

**08 Openings****08 70 Hardware**

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0089			<b>Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0089)		
08 71 21 00-0090	PR		Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds ..... 112.42	112.42	5.97
			<i>For Non-Slip Surfacing, Add</i> ..... 12.06	12.06	
08 71 21 00-0091	PR		>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds ..... 173.95	173.95	5.97
			<i>For Non-Slip Surfacing, Add</i> ..... 19.44	19.44	
08 71 21 00-0092	PR		>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds..... 345.43	345.43	8.37
			<i>For Non-Slip Surfacing, Add</i> ..... 39.44	39.44	
08 71 21 00-0093			<b>Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds</b> (08 71 21 00-0093)		
08 71 21 00-0094	PR		Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds ..... 112.42	112.42	5.97
			<i>For Non-Slip Surfacing, Add</i> ..... 12.06	12.06	
08 71 21 00-0095	PR		>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds..... 173.95	173.95	5.97
			<i>For Non-Slip Surfacing, Add</i> ..... 19.44	19.44	
08 71 21 00-0096	PR		>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds..... 345.43	345.43	8.37
			<i>For Non-Slip Surfacing, Add</i> ..... 39.44	39.44	
08 71 21 00-0097			<b>Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0097)		
			Note: Includes vinyl or pile seal.		
08 71 21 00-0098			<b>Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0098)		
			Note: Includes mill finish.		
08 71 21 00-0099			<b>Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0099)		
08 71 21 00-0100			<b>7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0100)		
08 71 21 00-0101	LF		4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) ..... 26.24	26.24	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 5.01	5.01	
08 71 21 00-0102	LF		5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) ..... 21.47	21.47	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.77	4.77	
08 71 21 00-0103	LF		6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP) ..... 29.23	29.23	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 6.05	6.05	
08 71 21 00-0104	LF		7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP) ..... 30.54	30.54	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 6.51	6.51	
08 71 21 00-0105			<b>1" Height, Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0105)		
08 71 21 00-0106	LF		3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP) ..... 20.35	20.35	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.21	4.21	
08 71 21 00-0107	LF		5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP) ..... 21.66	21.66	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.86	4.86	
08 71 21 00-0108			<b>Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0108)		
08 71 21 00-0109			<b>7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0109)		
08 71 21 00-0110	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) ..... 23.06	23.06	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.45	4.45	
08 71 21 00-0111	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) ..... 24.28	24.28	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.94	4.94	
08 71 21 00-0112	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) ..... 26.05	26.05	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 4.94	4.94	
08 71 21 00-0113	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) ..... 28.06	28.06	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
			<i>For Color Anodized Finish, Add</i> ..... 5.64	5.64	
08 71 21 00-0114			<b>Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0114)		
08 71 21 00-0115			<b>Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0115)		
08 71 21 00-0116			<b>7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0116)		
08 71 21 00-0117	LF		4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) ..... 171.66	171.66	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
08 71 21 00-0118	LF		5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV) ..... 158.46	158.46	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	
08 71 21 00-0119	LF		6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV) ..... 232.38	232.38	4.78
			<i>For Thermoseal, Add</i> ..... 0.63	0.63	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0120	LF		7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV) ..... <i>For Thermoseal, Add</i>	206.77 0.63	4.78
08 71 21 00-0121			<b>1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0115)		
08 71 21 00-0122	LF		5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)..... <i>For Thermoseal, Add</i>	168.76 0.63	4.78
08 71 21 00-0123			<b>Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0114)		
08 71 21 00-0124			<b>7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds</b> (08 71 21 00-0123)		
08 71 21 00-0125	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV) ..... <i>For Thermoseal, Add</i>	171.44 0.63	5.26
08 71 21 00-0126	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV) ..... <i>For Thermoseal, Add</i>	180.54 0.63	5.26
08 71 21 00-0127	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV) ..... <i>For Thermoseal, Add</i>	229.78 0.63	5.26
08 71 21 00-0128	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV) ..... <i>For Thermoseal, Add</i>	207.23 0.63	5.50
08 71 21 00-0129			<b>Carpet Separator Thresholds</b> (08 71 21 00-0001)		
08 71 21 00-0130			<b>Aluminum, Carpet Separator Thresholds</b> (08 71 21 00-0129) Note: Includes mill finish.		
08 71 21 00-0131			<b>3/8" Height, Aluminum, Carpet Separator Thresholds</b> (08 71 21 00-0130)		
08 71 21 00-0132	LF		2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C) ..... <i>For Color Anodized Finish, Add</i>	15.26 2.28	3.82
08 71 21 00-0133			<b>7/16" Height, Aluminum, Carpet Separator Thresholds</b> (08 71 21 00-0130)		
08 71 21 00-0134	LF		1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)..... <i>For Color Anodized Finish, Add</i>	12.30 1.38	3.35
08 71 21 00-0135	LF		4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)..... <i>For Color Anodized Finish, Add</i>	18.95 2.80	3.82
08 71 21 00-0136	LF		6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)..... <i>For Color Anodized Finish, Add</i>	22.88 4.38	3.82
08 71 21 00-0137			<b>1/2" Height, Aluminum, Carpet Separator Thresholds</b> (08 71 21 00-0130)		
08 71 21 00-0138	LF		1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)..... <i>For Color Anodized Finish, Add</i>	11.08 0.68	3.35
08 71 21 00-0139			<b>3/4" Height, Aluminum, Carpet Separator Thresholds</b> (08 71 21 00-0130)		
08 71 21 00-0140	LF		1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)..... <i>For Color Anodized Finish, Add</i>	12.30 1.18	3.35
08 71 21 00-0141	LF		3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)..... <i>For Color Anodized Finish, Add</i>	19.23 2.92	4.78
08 71 21 00-0142	LF		4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)..... <i>For Color Anodized Finish, Add</i>	20.35 2.52	4.78
08 71 21 00-0143			<b>Brass/Bronze, Carpet Separator Thresholds</b> (08 71 21 00-0129)		
08 71 21 00-0144			<b>3/8" Height, Brass/Bronze, Carpet Separator Thresholds</b> (08 71 21 00-0143)		
08 71 21 00-0145	LF		2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B) ..... <i>For Color Anodized Finish, Add</i>	90.21 2.28	3.82
08 71 21 00-0146			<b>7/16" Height, Brass/Bronze, Carpet Separator Thresholds</b> (08 71 21 00-0143)		
08 71 21 00-0147	LF		1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B) ..... <i>For Color Anodized Finish, Add</i>	122.71 1.38	3.35
08 71 21 00-0148	LF		4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B) ..... <i>For Color Anodized Finish, Add</i>	107.64 2.80	4.78
08 71 21 00-0149			<b>Vinyl Transition Thresholds</b> (08 71 21 00-0001) Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 71 21 00-0150			<b>Carpet To Carpet, Vinyl Transition Thresholds</b> (08 71 21 00-0149) Note: Serves as a transition where carpet meets carpet beneath a door.		
08 71 21 00-0151	LF		2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL) ..... <i>For Color Anodized Finish, Add</i>	18.69 2.28	3.82
08 71 21 00-0152			<b>Carpet To Tile, Vinyl Transition Thresholds</b> (08 71 21 00-0149) Note: Serves as a transition where carpet meets tile beneath a door.		
08 71 21 00-0153	LF		2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)..... <i>For Color Anodized Finish, Add</i>	18.69 2.28	3.82

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 21 00-0154</b> <b>Carpet To Concrete, Vinyl Transition Thresholds</b> <small>(08 71 21 00-0149)</small> Note: Serves as a transition where carpet meets concrete beneath a door.		
08 71 21 00-0155    LF    3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....	19.71	4.78
<b>08 71 21 00-0156</b> <b>Carpet To VCT Tile, Vinyl Transition Thresholds</b> <small>(08 71 21 00-0149)</small> Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 71 21 00-0157    LF    3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL).....	21.22	4.78
<b>08 71 21 00-0158</b> <b>Residential Thresholds</b> <small>(08 71 21 00-0001)</small>		
<b>08 71 21 00-0159</b> <b>Wood Residential Thresholds</b> <small>(08 71 21 00-0158)</small>		
08 71 21 00-0160    LF    1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	7.68	2.38
08 71 21 00-0161    LF    1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	8.00	2.38
08 71 21 00-0162    LF    3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	11.12	2.55
08 71 21 00-0163    LF    3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	11.27	2.64
08 71 21 00-0164    LF    5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	17.69	2.72
<b>08 71 21 00-0165</b> <b>Vinyl Top, Wood Residential Thresholds</b> <small>(08 71 21 00-0158)</small>		
08 71 21 00-0166    LF    1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	9.40	2.38
08 71 21 00-0167    LF    3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	11.55	2.64
08 71 21 00-0168    LF    3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	22.49	2.64
<b>08 71 21 00-0169</b> <b>Vinyl Top, Aluminum Residential Thresholds</b> <small>(08 71 21 00-0158)</small>		
08 71 21 00-0170    LF    1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....	9.43	2.38
For Color Anodized Finish, Add	1.38	
08 71 21 00-0171    LF    3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	11.09	2.64
For Color Anodized Finish, Add	1.80	
08 71 21 00-0172    LF    3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	11.83	2.64
For Color Anodized Finish, Add	2.09	
<b>08 71 21 00-0173</b> <b>Interlocking Residential Thresholds</b> <small>(08 71 21 00-0158)</small>		
<b>08 71 21 00-0174</b> <b>Aluminum Interlocking Residential Thresholds</b> <small>(08 71 21 00-0173)</small>		
<b>08 71 21 00-0175</b> <b>1/2" Height, Aluminum Interlocking Residential Thresholds</b> <small>(08 71 21 00-0174)</small>		
08 71 21 00-0176    LF    4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....	22.03	2.72
For Color Anodized Finish, Add	4.57	
<b>08 71 21 00-0177</b> <b>5/8" Height, Aluminum Interlocking Residential Thresholds</b> <small>(08 71 21 00-0174)</small>		
08 71 21 00-0178    LF    3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A).....	14.30	2.55
For Color Anodized Finish, Add	2.38	
08 71 21 00-0179    LF    3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....	12.86	2.64
For Color Anodized Finish, Add	3.13	
08 71 21 00-0180    LF    4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....	15.11	2.72
For Color Anodized Finish, Add	2.50	
<b>08 71 21 00-0181</b> <b>7/8" Height, Aluminum Interlocking Residential Thresholds</b> <small>(08 71 21 00-0174)</small>		
08 71 21 00-0182    LF    4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A).....	16.60	2.72
For Color Anodized Finish, Add	4.91	
<b>08 71 21 00-0183</b> <b>Brass/Bronze Interlocking Residential Thresholds</b> <small>(08 71 21 00-0173)</small>		
<b>08 71 21 00-0184</b> <b>1/2" Height, Brass/Bronze Interlocking Residential Thresholds</b> <small>(08 71 21 00-0183)</small>		
08 71 21 00-0185    LF    4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B).....	128.89	2.72
<b>08 71 21 00-0186</b> <b>5/8" Height, Brass/Bronze Interlocking Residential Thresholds</b> <small>(08 71 21 00-0183)</small>		
08 71 21 00-0187    LF    3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B).....	95.70	2.64
<b>08 71 21 00-0188</b> <b>7/8" Height, Brass/Bronze Interlocking Residential Thresholds</b> <small>(08 71 21 00-0183)</small>		
08 71 21 00-0189    LF    4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B).....	132.19	2.72
08 71 21 00-0190    LF    5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B).....	191.78	2.79
<b>08 71 21 00-0191</b> <b>Residential Door Sills</b> <small>(08 71 21 00-0001)</small>		
<b>08 71 21 00-0192</b> <b>Fixed Aluminum Residential Door Sills</b> <small>(08 71 21 00-0191)</small>		
08 71 21 00-0193    LF    4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A).....	12.12	2.72
For Color Anodized Finish, Add	2.67	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0194	LF		5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)..... <i>For Color Anodized Finish, Add</i>	13.04 2.42	2.79
<b>08 71 21 00-0195</b>			<b>Adjustable Aluminum Top, Aluminum Residential Door Sills</b> (08 71 21 00-0191)		
08 71 21 00-0196	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) ..... <i>For Color Anodized Finish, Add</i>	17.83 3.86	2.72
08 71 21 00-0197	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) ..... <i>For Color Anodized Finish, Add</i>	18.29 3.96	2.79
<b>08 71 21 00-0198</b>			<b>Adjustable Wood Top, Aluminum Residential Door Sills</b> (08 71 21 00-0191)		
08 71 21 00-0199	LF		3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)..... <i>For Color Anodized Finish, Add</i>	18.08 4.02	2.64
08 71 21 00-0200	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)..... <i>For Color Anodized Finish, Add</i>	18.28 2.87	2.72
08 71 21 00-0201	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)..... <i>For Color Anodized Finish, Add</i>	19.09 3.03	2.79
<b>08 71 21 00-0202</b>			<b>Extenders For Aluminum Residential Door Sills</b> (08 71 21 00-0191)		
08 71 21 00-0203	LF		3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) ..... <i>For Color Anodized Finish, Add</i>	7.12 1.64	2.38
08 71 21 00-0204	LF		2" Extender For Aluminum Residential Door Sills (Pemko EXT2A) ..... <i>For Color Anodized Finish, Add</i>	7.86 1.54	2.38
08 71 21 00-0205	LF		3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) ..... <i>For Color Anodized Finish, Add</i>	8.61 0.96	2.38
<b>08 71 21 00-0206</b>			<b>Stone Thresholds</b> (08 71 21 00-0001)		
<b>08 71 21 00-0207</b>			<b>Marble Thresholds</b> (08 71 21 00-0206)		
08 71 21 00-0208	LF		2" Width, 5/8" Height, Plain Marble Threshold.....	10.29	4.01
08 71 21 00-0209	LF		4" Width, 5/8" Height, Plain Marble Threshold.....	11.29	4.01
08 71 21 00-0210	LF		6" Width, 5/8" Height, Plain Marble Threshold.....	12.62	4.01
08 71 21 00-0211	LF		4" Width, 7/8" Height, Plain Marble Threshold.....	15.62	4.01
08 71 21 00-0212	LF		6" Width, 7/8" Height, Plain Marble Threshold.....	19.14	4.01
<b>08 71 21 00-0213</b>			<b>Corian Thresholds</b> (08 71 21 00-0206)		
08 71 21 00-0214	LF		Up To 5-3/4" Width, Corian Threshold.....	42.77	3.97
<b>08 71 53</b>			<b>Security Door Hardware</b> (08 71)		
<b>08 71 53 00-0001</b>			<b>Door Exit Alarm Hardware</b> (08 71 53)		
08 71 53 00-0002	EA		Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500) .....	183.71	17.94
08 71 53 00-0003	EA		Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W).....	258.43	17.94
08 71 53 00-0004	EA		Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) .....	215.63	17.94
			Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005	EA		Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W).....	281.71	17.94
			Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006	EA		Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500) .....	325.39	23.92
08 71 53 00-0007	EA		Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S).....	56.28	23.92
			Note: For use with Detex EAX exit alarms.		
<b>08 74</b>			<b>Access Control Hardware</b> (08 74)		
<b>08 74 16</b>			<b>Keypad Access Control Hardware</b> (08 74)		
<b>08 74 16 00-0001</b>			<b>Vindicator Security Alarm System</b> (08 74 16)		
08 74 16 00-0002	EA		Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	876.41	143.57
08 74 16 00-0003	EA		Detector, Passive Infrared (Security) Vindicator #316-30812-00.....	1,107.08	186.60
08 74 16 00-0004	EA		Premise Control Unit (Security) Vindicator #548-32004-01 .....	5,886.06	409.02
08 74 16 00-0005	EA		Access Manager (Security Key Pad) Vindicator #548-31894-01 .....	2,780.86	348.56
08 74 16 00-0006	EA		ALS Duress Switch (Security) Vindicator #192-30810-00.....	711.64	190.67
<b>08 75</b>			<b>Window Hardware</b> (08 75)		
<b>08 75 00 00-0001</b>			<b>Window Opener Electric, With 1/2 HP Motor</b> (08 75)		
08 75 00 00-0002	EA		Gym Window Electronic Opener.....	1,005.54	101.87
<b>08 79</b>			<b>Hardware Accessories</b> (08 79)		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 79</b>	<b>Hardware Accessories</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>08 79 00 00-0001</b>	<b>Pad Locks</b> <small>(08 79)</small>		
08 79 00 00-0002	EA Combination Padlock .....	12.18	2.39
08 79 00 00-0003	EA Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height .....	31.15	2.39
08 79 00 00-0004	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height .....	28.58	2.39
08 79 00 00-0005	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height .....	31.77	2.39
08 79 00 00-0006	EA Commercial U-Bar Lock .....	39.13	2.39
08 79 00 00-0007	EA Weather Tough Padlocks Keyed Alike .....	32.41	2.39
08 79 00 00-0008	EA High Security Padlocks .....	29.00	2.39
08 79 00 00-0009	EA Standard Key, Medium Security Padlock Keyed Alike .....	14.05	2.39

**08 80 Glazing** (08)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

**08 81 Glass Glazing** (08 80)

**08 81 23 Factory Installed Glass** (08 81)

**08 81 23 00-0001 Clear Float Factory Installed Glass** (08 81 23)

**08 81 23 00-0002 Clear Float Factory Installed Glass** (08 81 23 00-0001)

Note: Type I, Class I, Quality Q3.

08 81 23 00-0003	SF 1/8" Thick, Clear Float Factory Installed Glass .....	1.80	
	For Tinted Glass, Add	0.45	
	For Reflective Coated Glass, Add	0.81	
	For Low-E Coated Glass, Add	0.45	
	For >50 To 200, Deduct	-0.05	
	For >200 To 400, Deduct	-0.11	
	For >400, Deduct	-0.16	
08 81 23 00-0004	SF 3/16" Thick, Clear Float Factory Installed Glass .....	1.93	
	For Low-E Coated Glass, Add	0.48	
	For Tinted Glass, Add	0.48	
	For Reflective Coated Glass, Add	0.87	
	For >50 To 200, Deduct	-0.06	
	For >200 To 400, Deduct	-0.12	
	For >400, Deduct	-0.17	
08 81 23 00-0005	SF 1/4" Thick, Clear Float Factory Installed Glass .....	2.34	
	For Tinted Glass, Add	0.59	
	For Reflective Coated Glass, Add	1.05	
	For Low-E Coated Glass, Add	0.59	
	For >50 To 200, Deduct	-0.07	
	For >200 To 400, Deduct	-0.14	
	For >400, Deduct	-0.21	
08 81 23 00-0006	SF 5/16" Thick, Clear Float Factory Installed Glass .....	3.89	
	For Reflective Coated Glass, Add	1.75	
	For Low-E Coated Glass, Add	0.97	
	For Tinted Glass, Add	0.97	
	For >50 To 200, Deduct	-0.12	
	For >200 To 400, Deduct	-0.23	
	For >400, Deduct	-0.35	
08 81 23 00-0007	SF 3/8" Thick, Clear Float Factory Installed Glass .....	5.66	
	For Low-E Coated Glass, Add	1.42	
	For Reflective Coated Glass, Add	2.55	
	For Tinted Glass, Add	1.42	
	For >50 To 200, Deduct	-0.17	
	For >200 To 400, Deduct	-0.34	
	For >400, Deduct	-0.51	
08 81 23 00-0008	SF 1/2" Thick, Clear Float Factory Installed Glass .....	6.22	
	For Low-E Coated Glass, Add	1.56	
	For Reflective Coated Glass, Add	2.80	
	For Tinted Glass, Add	1.56	
	For >50 To 200, Deduct	-0.19	
	For >200 To 400, Deduct	-0.37	
	For >400, Deduct	-0.56	
08 81 23 00-0009	SF 5/8" Thick, Clear Float Factory Installed Glass .....	7.44	
	For Tinted Glass, Add	1.86	
	For Reflective Coated Glass, Add	3.35	
	For Low-E Coated Glass, Add	1.86	
	For >50 To 200, Deduct	-0.22	
	For >200 To 400, Deduct	-0.45	
	For >400, Deduct	-0.67	
08 81 23 00-0010	SF 3/4" Thick, Clear Float Factory Installed Glass .....	9.19	
	For Reflective Coated Glass, Add	4.14	
	For Low-E Coated Glass, Add	2.30	
	For Tinted Glass, Add	2.30	
	For >50 To 200, Deduct	-0.28	
	For >200 To 400, Deduct	-0.55	
	For >400, Deduct	-0.83	

**08 81 23 00-0011 Heat Treated Factory Installed Glass** (08 81 23)

**08 81 23 00-0012 Tempered, Clear Float Factory Installed Glass** (08 81 23 00-0011)

Note: Type I, Class I, Quality Q3.



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0013 SF 1/8" Thick, Tempered, Clear Float Factory Installed Glass.....	2.61	
For Tinted Glass, Add	0.65	
For Reflective Coated Glass, Add	1.17	
For Low-E Coated Glass, Add	0.65	
For >50 To 200, Deduct	-0.08	
For >200 To 400, Deduct	-0.16	
For >400, Deduct	-0.23	
08 81 23 00-0014 SF 3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	2.79	
For Low-E Coated Glass, Add	0.70	
For Tinted Glass, Add	0.70	
For Reflective Coated Glass, Add	1.26	
For >50 To 200, Deduct	-0.08	
For >200 To 400, Deduct	-0.17	
For >400, Deduct	-0.25	
08 81 23 00-0015 SF 1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	3.39	
For Tinted Glass, Add	0.85	
For Reflective Coated Glass, Add	1.53	
For Low-E Coated Glass, Add	0.85	
For >50 To 200, Deduct	-0.10	
For >200 To 400, Deduct	-0.20	
For >400, Deduct	-0.31	
08 81 23 00-0016 SF 5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	5.65	
For Reflective Coated Glass, Add	2.54	
For Low-E Coated Glass, Add	1.41	
For Tinted Glass, Add	1.41	
For >50 To 200, Deduct	-0.17	
For >200 To 400, Deduct	-0.34	
For >400, Deduct	-0.51	
08 81 23 00-0017 SF 3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	8.21	
For Low-E Coated Glass, Add	2.05	
For Reflective Coated Glass, Add	3.69	
For Tinted Glass, Add	2.05	
For >50 To 200, Deduct	-0.25	
For >200 To 400, Deduct	-0.49	
For >400, Deduct	-0.74	
08 81 23 00-0018 SF 1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	9.02	
For Low-E Coated Glass, Add	2.26	
For Reflective Coated Glass, Add	4.06	
For Tinted Glass, Add	2.26	
For >50 To 200, Deduct	-0.27	
For >200 To 400, Deduct	-0.54	
For >400, Deduct	-0.81	
08 81 23 00-0019 SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass.....	10.79	
For Tinted Glass, Add	2.70	
For Reflective Coated Glass, Add	4.86	
For Low-E Coated Glass, Add	2.70	
For >50 To 200, Deduct	-0.32	
For >200 To 400, Deduct	-0.65	
For >400, Deduct	-0.97	
08 81 23 00-0020 SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass.....	13.33	
For Reflective Coated Glass, Add	6.00	
For Low-E Coated Glass, Add	3.33	
For Tinted Glass, Add	3.33	
For >50 To 200, Deduct	-0.40	
For >200 To 400, Deduct	-0.80	
For >400, Deduct	-1.20	
<b>08 81 23 00-0021 Patterned Factory Installed Glass (08 81 23)</b>		
<b>08 81 23 00-0022 Rough Obscure, Factory Installed Glass (08 81 23 00-0021)</b>		
Note: Class II, Form 3, Finish F1.		
08 81 23 00-0023 SF 1/4" Thick, Rough Obscure, Factory Installed Glass.....	5.12	
<b>08 81 23 00-0024 Patterned, Figured Factory Installed Glass (08 81 23 00-0021)</b>		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 00-0025 SF 1/8" Thick, Patterned, Figured Factory Installed Glass.....	3.11	
08 81 23 00-0026 SF 7/32" Thick, Patterned, Figured Factory Installed Glass.....	3.11	
<b>08 81 23 00-0027 Wired Factory Installed Glass (08 81 23)</b>		
<b>08 81 23 00-0028 Square Or Diamond Pattern, Wired Factory Installed Glass (08 81 23 00-0027)</b>		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 00-0029 SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass.....	8.05	
08 81 23 00-0030 SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass.....	8.05	
<b>08 81 23 00-0031 Polished, Wired Factory Installed Glass (08 81 23 00-0027)</b>		
08 81 23 00-0032 SF 1/4" Thick, Polished, Wired Factory Installed Glass.....	8.80	
<b>08 81 23 00-0033 Frosted Factory Installed Glass (08 81 23)</b>		

**08 Openings****08 80 Glazing****08 81 Glass Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0034			<b>Frosted Factory Installed Glass</b> (08 81 23 00-0033)		
08 81 23 00-0035	SF		1/8" Thick, Frosted Factory Installed Glass.....	4.07	
			<i>For &gt;50 To 200, Deduct</i>	-0.12	
			<i>For &gt;200 To 400, Deduct</i>	-0.24	
			<i>For &gt;400, Deduct</i>	-0.37	
08 81 23 00-0036	SF		3/16" Thick, Frosted Factory Installed Glass.....	5.34	
			<i>For &gt;50 To 200, Deduct</i>	-0.16	
			<i>For &gt;200 To 400, Deduct</i>	-0.32	
			<i>For &gt;400, Deduct</i>	-0.48	
08 81 23 00-0037	SF		1/4" Thick, Frosted Factory Installed Glass.....	6.75	
			<i>For &gt;50 To 200, Deduct</i>	-0.20	
			<i>For &gt;200 To 400, Deduct</i>	-0.41	
			<i>For &gt;400, Deduct</i>	-0.61	
08 81 23 00-0038	SF		3/8" Thick, Frosted Factory Installed Glass.....	10.09	
			<i>For &gt;50 To 200, Deduct</i>	-0.30	
			<i>For &gt;200 To 400, Deduct</i>	-0.61	
			<i>For &gt;400, Deduct</i>	-0.91	
08 81 23 00-0039			<b>Fire Rated Factory Installed Glass</b> (08 81 23)		
08 81 23 00-0040			<b>Fire Rated Factory Installed Glass</b> (08 81 23 00-0039)		
08 81 23 00-0041	SF		20 Minute, Fire Rated Factory Installed Glass.....	11.05	
08 81 23 00-0042	SF		45 Minute, Fire Rated Factory Installed Glass.....	22.00	
08 81 23 00-0043	SF		60 Minute, Fire Rated Factory Installed Glass.....	34.00	
08 81 23 00-0044	SF		90 Minute, Fire Rated Factory Installed Glass.....	45.00	
08 81 23 00-0045			<b>Laminated Factory Installed Glass</b> (08 81 23)		
08 81 23 00-0046			<b>Laminated Glass With PVB Interlayer, Factory Installed Glass</b> (08 81 23 00-0045)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 00-0047	SF		1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	7.17	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.43	
			<i>For Tinted Glass, Add</i>	1.79	
			<i>For Reflective Coated Glass, Add</i>	3.23	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.43	
			<i>For Low-E Coated Glass, Add</i>	1.79	
			<i>For &gt;50 To 200, Deduct</i>	-0.22	
			<i>For &gt;200 To 400, Deduct</i>	-0.43	
			<i>For &gt;400, Deduct</i>	-0.65	
08 81 23 00-0048	SF		3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	8.95	
			<i>For Reflective Coated Glass, Add</i>	4.03	
			<i>For Low-E Coated Glass, Add</i>	2.24	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.79	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.79	
			<i>For Tinted Glass, Add</i>	2.24	
			<i>For &gt;50 To 200, Deduct</i>	-0.27	
			<i>For &gt;200 To 400, Deduct</i>	-0.54	
			<i>For &gt;400, Deduct</i>	-0.81	
08 81 23 00-0049	SF		1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	12.16	
			<i>For Reflective Coated Glass, Add</i>	5.47	
			<i>For One Piece Fully Tempered Glass, Add</i>	2.43	
			<i>For One Piece Heat Strengthened Glass, Add</i>	2.43	
			<i>For Tinted Glass, Add</i>	3.04	
			<i>For Low-E Coated Glass, Add</i>	3.04	
			<i>For &gt;50 To 200, Deduct</i>	-0.36	
			<i>For &gt;200 To 400, Deduct</i>	-0.73	
			<i>For &gt;400, Deduct</i>	-1.09	
08 81 23 00-0050			<b>Insulated Factory Installed Glass</b> (08 81 23)		
08 81 23 00-0051			<b>Insulated, Factory Installed Glass</b> (08 81 23 00-0050)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 00-0052	SF		1/2" Thick, Insulated Factory Installed Glass.....	5.19	
			Note: Two 1/8" lites with 1/4" air space.		
			<i>For Argon Gas, Add</i>	1.43	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.04	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.04	
			<i>For Tinted Glass, Add</i>	1.30	
			<i>For Low-E Coated Glass, Add</i>	1.30	
			<i>For Reflective Coated Glass, Add</i>	2.34	
			<i>For One Piece Obscure Glass, Add</i>	2.21	
			<i>For &gt;50 To 200, Deduct</i>	-0.16	
			<i>For &gt;200 To 400, Deduct</i>	-0.31	
			<i>For &gt;400, Deduct</i>	-0.47	





<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0053 SF 5/8" Thick, Insulated Factory Installed Glass ..... 5.25 Note: Two 3/16" lites with 1/4" air space. For One Piece Heat Strengthened Glass, Add 1.05 For One Piece Fully Tempered Glass, Add 1.05 For Tinted Glass, Add 1.31 For Low-E Coated Glass, Add 1.31 For Argon Gas, Add 1.44 For One Piece Obscure Glass, Add 2.23 For Reflective Coated Glass, Add 2.36 For >50 To 200, Deduct -0.16 For >200 To 400, Deduct -0.32 For >400, Deduct -0.47		
08 81 23 00-0054 SF 3/4" Thick, Insulated Factory Installed Glass ..... 5.50 Note: Two 1/4" lites with 1/4" air space. For One Piece Obscure Glass, Add 2.34 For One Piece Fully Tempered Glass, Add 1.10 For Reflective Coated Glass, Add 2.48 For Low-E Coated Glass, Add 1.38 For Argon Gas, Add 1.51 For Tinted Glass, Add 1.38 For One Piece Heat Strengthened Glass, Add 1.10 For >50 To 200, Deduct -0.17 For >200 To 400, Deduct -0.33 For >400, Deduct -0.50		
08 81 23 00-0055 SF 1" Thick, Insulated Factory Installed Glass ..... 6.67 Note: Two 1/4" lites with 1/2" air space. For One Piece Heat Strengthened Glass, Add 1.33 For Tinted Glass, Add 1.67 For One Piece Obscure Glass, Add 2.83 For Argon Gas, Add 1.83 For Low-E Coated Glass, Add 1.67 For One Piece Fully Tempered Glass, Add 1.33 For Reflective Coated Glass, Add 3.00 For >50 To 200, Deduct -0.20 For >200 To 400, Deduct -0.40 For >400, Deduct -0.60		
<b>08 81 26 Field Installed Glass (08 81)</b>		
08 81 26 00-0001 Clear Float Field Installed Glass (08 81 26)		
08 81 26 00-0002 Clear Float Field Installed Glass (08 81 26 00-0001) Note: Type I, Class I, Quality Q3.		
08 81 26 00-0003 SF 1/8" Thick, Clear Float Field Installed Glass ..... 8.08 For Tinted Glass, Add 0.45 For Reflective Coated Glass, Add 0.81 For Low-E Coated Glass, Add 0.45 For >50 To 200, Deduct -0.05 For >200 To 400, Deduct -0.11 For >400, Deduct -0.16 For Glass Removal And Preparing Opening For New Glazing, Add 6.28		
08 81 26 00-0004 SF 3/16" Thick, Clear Float Field Installed Glass ..... 8.69 For Low-E Coated Glass, Add 0.48 For Tinted Glass, Add 0.48 For Reflective Coated Glass, Add 0.87 For >50 To 200, Deduct -0.06 For >200 To 400, Deduct -0.12 For >400, Deduct -0.17 For Glass Removal And Preparing Opening For New Glazing, Add 6.76		
08 81 26 00-0005 SF 1/4" Thick, Clear Float Field Installed Glass ..... 9.58 For Tinted Glass, Add 0.59 For Reflective Coated Glass, Add 1.05 For Low-E Coated Glass, Add 0.59 For >50 To 200, Deduct -0.07 For >200 To 400, Deduct -0.14 For >400, Deduct -0.21 For Glass Removal And Preparing Opening For New Glazing, Add 7.24		
08 81 26 00-0006 SF 5/16" Thick, Clear Float Field Installed Glass ..... 12.09 For Reflective Coated Glass, Add 1.75 For Low-E Coated Glass, Add 0.97 For Tinted Glass, Add 0.97 For >50 To 200, Deduct -0.12 For >200 To 400, Deduct -0.23 For >400, Deduct -0.35 For Glass Removal And Preparing Opening For New Glazing, Add 8.20		
08 81 26 00-0007 SF 3/8" Thick, Clear Float Field Installed Glass ..... 14.83 For Low-E Coated Glass, Add 1.42 For Reflective Coated Glass, Add 2.55 For Tinted Glass, Add 1.42 For >50 To 200, Deduct -0.17 For >200 To 400, Deduct -0.34 For >400, Deduct -0.51 For Glass Removal And Preparing Opening For New Glazing, Add 9.17		

08	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 81</b>	<b>Glass Glazing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0008 SF 1/2" Thick, Clear Float Field Installed Glass .....	16.35	
For Low-E Coated Glass, Add	1.56	
For Reflective Coated Glass, Add	2.80	
For Tinted Glass, Add	1.56	
For >50 To 200, Deduct	-0.19	
For >200 To 400, Deduct	-0.37	
For >400, Deduct	-0.56	
For Glass Removal And Preparing Opening For New Glazing, Add	10.13	
08 81 26 00-0009 SF 5/8" Thick, Clear Float Field Installed Glass .....	19.98	
For Tinted Glass, Add	1.86	
For Reflective Coated Glass, Add	3.35	
For Low-E Coated Glass, Add	1.86	
For >50 To 200, Deduct	-0.22	
For >200 To 400, Deduct	-0.45	
For >400, Deduct	-0.67	
For Glass Removal And Preparing Opening For New Glazing, Add	12.54	
08 81 26 00-0010 SF 3/4" Thick, Clear Float Field Installed Glass .....	24.15	
For Reflective Coated Glass, Add	4.14	
For Low-E Coated Glass, Add	2.30	
For Tinted Glass, Add	2.30	
For >50 To 200, Deduct	-0.28	
For >200 To 400, Deduct	-0.55	
For >400, Deduct	-0.83	
For Glass Removal And Preparing Opening For New Glazing, Add	14.96	
<b>08 81 26 00-0011 Heat Treated Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0012 Tempered, Clear Float Field Installed Glass (08 81 26 00-0011)</b>		
Note: Type I, Class I, Quality Q3.		
08 81 26 00-0013 SF 1/8" Thick, Tempered, Clear Float Field Installed Glass .....	8.89	
For Tinted Glass, Add	0.65	
For Reflective Coated Glass, Add	1.17	
For Low-E Coated Glass, Add	0.65	
For >50 To 200, Deduct	-0.08	
For >200 To 400, Deduct	-0.16	
For >400, Deduct	-0.23	
For Glass Removal And Preparing Opening For New Glazing, Add	6.28	
08 81 26 00-0014 SF 3/16" Thick, Tempered, Clear Float Field Installed Glass .....	9.55	
For Low-E Coated Glass, Add	0.70	
For Tinted Glass, Add	0.70	
For Reflective Coated Glass, Add	1.26	
For >50 To 200, Deduct	-0.08	
For >200 To 400, Deduct	-0.17	
For >400, Deduct	-0.25	
For Glass Removal And Preparing Opening For New Glazing, Add	6.76	
08 81 26 00-0015 SF 1/4" Thick, Tempered, Clear Float Field Installed Glass .....	10.63	
For Tinted Glass, Add	0.85	
For Reflective Coated Glass, Add	1.53	
For Low-E Coated Glass, Add	0.85	
For >50 To 200, Deduct	-0.10	
For >200 To 400, Deduct	-0.20	
For >400, Deduct	-0.31	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0016 SF 5/16" Thick, Tempered, Clear Float Field Installed Glass .....	13.85	
For Reflective Coated Glass, Add	2.54	
For Low-E Coated Glass, Add	1.41	
For Tinted Glass, Add	1.41	
For >50 To 200, Deduct	-0.17	
For >200 To 400, Deduct	-0.34	
For >400, Deduct	-0.51	
For Glass Removal And Preparing Opening For New Glazing, Add	8.20	
08 81 26 00-0017 SF 3/8" Thick, Tempered, Clear Float Field Installed Glass .....	17.38	
For Low-E Coated Glass, Add	2.05	
For Reflective Coated Glass, Add	3.69	
For Tinted Glass, Add	2.05	
For >50 To 200, Deduct	-0.25	
For >200 To 400, Deduct	-0.49	
For >400, Deduct	-0.74	
For Glass Removal And Preparing Opening For New Glazing, Add	9.17	
08 81 26 00-0018 SF 1/2" Thick, Tempered, Clear Float Field Installed Glass .....	19.15	
For Low-E Coated Glass, Add	2.26	
For Reflective Coated Glass, Add	4.06	
For Tinted Glass, Add	2.26	
For >50 To 200, Deduct	-0.27	
For >200 To 400, Deduct	-0.54	
For >400, Deduct	-0.81	
For Glass Removal And Preparing Opening For New Glazing, Add	10.13	
08 81 26 00-0019 SF 5/8" Thick, Tempered, Clear Float Field Installed Glass .....	23.33	
For Tinted Glass, Add	2.70	
For Reflective Coated Glass, Add	4.86	
For Low-E Coated Glass, Add	2.70	
For >50 To 200, Deduct	-0.32	
For >200 To 400, Deduct	-0.65	
For >400, Deduct	-0.97	
For Glass Removal And Preparing Opening For New Glazing, Add	12.54	



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0020 SF 3/4" Thick, Tempered, Clear Float Field Installed Glass.....	28.29	
For Reflective Coated Glass, Add	6.00	
For Low-E Coated Glass, Add	3.33	
For Tinted Glass, Add	3.33	
For >50 To 200, Deduct	-0.40	
For >200 To 400, Deduct	-0.80	
For >400, Deduct	-1.20	
For Glass Removal And Preparing Opening For New Glazing, Add	14.96	
<b>08 81 26 00-0021 Patterned Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0022 Rough Obscure Field Installed Glass (08 81 26 00-0021)</b>		
Note: Class II, Form 3, Finish F1.		
08 81 26 00-0023 SF 1/4" Thick, Rough Obscure Field Installed Glass.....	12.36	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
<b>08 81 26 00-0024 Patterned, Figured Field Installed Glass (08 81 26 00-0021)</b>		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 26 00-0025 SF 1/8" Thick, Patterned, Figured Field Installed Glass.....	9.39	
For Glass Removal And Preparing Opening For New Glazing, Add	6.28	
08 81 26 00-0026 SF 7/32" Thick, Patterned, Figured Field Installed Glass.....	10.11	
For Glass Removal And Preparing Opening For New Glazing, Add	7.00	
<b>08 81 26 00-0027 Wired Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0028 Square Or Diamond Pattern, Wired Field Installed Glass (08 81 26 00-0027)</b>		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 26 00-0029 SF 1/4" Thick, Square Pattern, Wired Field Installed Glass.....	15.29	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0030 SF 1/4" Thick, Diamond Pattern, Wired Field Installed Glass.....	15.29	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
<b>08 81 26 00-0031 Polished, Wired Field Installed Glass (08 81 26 00-0027)</b>		
08 81 26 00-0032 SF 1/4" Thick, Polished, Wired Field Installed Glass.....	16.04	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
<b>08 81 26 00-0033 Frosted Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0034 Frosted Field Installed Glass (08 81 26 00-0033)</b>		
08 81 26 00-0035 SF 1/8" Thick, Frosted Field Installed Glass.....	10.35	
For >50 To 200, Deduct	-0.12	
For >200 To 400, Deduct	-0.24	
For >400, Deduct	-0.37	
For Glass Removal And Preparing Opening For New Glazing, Add	6.28	
08 81 26 00-0036 SF 3/16" Thick, Frosted Field Installed Glass.....	12.10	
For >50 To 200, Deduct	-0.16	
For >200 To 400, Deduct	-0.32	
For >400, Deduct	-0.48	
For Glass Removal And Preparing Opening For New Glazing, Add	6.76	
08 81 26 00-0037 SF 1/4" Thick, Frosted Field Installed Glass.....	13.99	
For >50 To 200, Deduct	-0.20	
For >200 To 400, Deduct	-0.41	
For >400, Deduct	-0.61	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0038 SF 3/8" Thick, Frosted Field Installed Glass.....	19.26	
For >50 To 200, Deduct	-0.30	
For >200 To 400, Deduct	-0.61	
For >400, Deduct	-0.91	
For Glass Removal And Preparing Opening For New Glazing, Add	9.17	
<b>08 81 26 00-0039 Fire Rated Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0040 Fire Rated Field Installed Glass (08 81 26 00-0039)</b>		
08 81 26 00-0041 SF 20 Minute, Fire Rated Field Installed Glass.....	18.29	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0042 SF 45 Minute, Fire Rated Field Installed Glass.....	29.24	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0043 SF 60 Minute, Fire Rated Field Installed Glass.....	41.24	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
08 81 26 00-0044 SF 90 Minute, Fire Rated Field Installed Glass.....	52.24	
For Glass Removal And Preparing Opening For New Glazing, Add	7.24	
<b>08 81 26 00-0045 Laminated Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0046 Laminated Glass With PVB Interlayer, Field Installed Glass (08 81 26 00-0045)</b>		
Note: Type I, Class I, Quality Q3.		

**08 Openings****08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 26 00-0047	SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	14.41	
	<i>For One Piece Heat Strengthened Glass, Add</i>	1.43	
	<i>For Tinted Glass, Add</i>	1.79	
	<i>For Reflective Coated Glass, Add</i>	3.23	
	<i>For One Piece Fully Tempered Glass, Add</i>	1.43	
	<i>For Low-E Coated Glass, Add</i>	1.79	
	<i>For &gt;50 To 200, Deduct</i>	-0.22	
	<i>For &gt;200 To 400, Deduct</i>	-0.43	
	<i>For &gt;400, Deduct</i>	-0.65	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	7.24	
08 81 26 00-0048	SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	18.12	
	<i>For Reflective Coated Glass, Add</i>	4.03	
	<i>For Low-E Coated Glass, Add</i>	2.24	
	<i>For One Piece Heat Strengthened Glass, Add</i>	1.79	
	<i>For One Piece Fully Tempered Glass, Add</i>	1.79	
	<i>For Tinted Glass, Add</i>	2.24	
	<i>For &gt;50 To 200, Deduct</i>	-0.27	
	<i>For &gt;200 To 400, Deduct</i>	-0.54	
	<i>For &gt;400, Deduct</i>	-0.81	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.17	
08 81 26 00-0049	SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	22.29	
	<i>For Reflective Coated Glass, Add</i>	5.47	
	<i>For One Piece Fully Tempered Glass, Add</i>	2.43	
	<i>For One Piece Heat Strengthened Glass, Add</i>	2.43	
	<i>For Tinted Glass, Add</i>	3.04	
	<i>For Low-E Coated Glass, Add</i>	3.04	
	<i>For &gt;50 To 200, Deduct</i>	-0.36	
	<i>For &gt;200 To 400, Deduct</i>	-0.73	
	<i>For &gt;400, Deduct</i>	-1.09	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.13	
08 81 26 00-0050	Insulated Field Installed Glass <small>(08 81 26)</small>		
08 81 26 00-0051	Insulated Glass, Field Installed Glass <small>(08 81 26 00-0050)</small>		
	Note: Type I, Class I, Quality Q3.		
08 81 26 00-0052	SF 1/2" Thick, Insulated Field Installed Glass.....	13.63	
	Note: Two 1/8" lites with 1/4" air space.		
	<i>For Argon Gas, Add</i>	1.43	
	<i>For One Piece Fully Tempered Glass, Add</i>	1.04	
	<i>For One Piece Heat Strengthened Glass, Add</i>	1.04	
	<i>For Tinted Glass, Add</i>	1.30	
	<i>For Low-E Coated Glass, Add</i>	1.30	
	<i>For Reflective Coated Glass, Add</i>	2.34	
	<i>For One Piece Obscure Glass, Add</i>	2.21	
	<i>For &gt;50 To 200, Deduct</i>	-0.16	
	<i>For &gt;200 To 400, Deduct</i>	-0.31	
	<i>For &gt;400, Deduct</i>	-0.47	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	8.44	
08 81 26 00-0053	SF 5/8" Thick, Insulated Field Installed Glass.....	14.26	
	Note: Two 3/16" lites with 1/4" air space.		
	<i>For One Piece Heat Strengthened Glass, Add</i>	1.05	
	<i>For One Piece Fully Tempered Glass, Add</i>	1.05	
	<i>For Tinted Glass, Add</i>	1.31	
	<i>For Low-E Coated Glass, Add</i>	1.31	
	<i>For Argon Gas, Add</i>	1.44	
	<i>For One Piece Obscure Glass, Add</i>	2.23	
	<i>For Reflective Coated Glass, Add</i>	2.36	
	<i>For &gt;50 To 200, Deduct</i>	-0.16	
	<i>For &gt;200 To 400, Deduct</i>	-0.32	
	<i>For &gt;400, Deduct</i>	-0.47	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.01	
08 81 26 00-0054	SF 3/4" Thick, Insulated Field Installed Glass.....	15.33	
	Note: Two 1/4" lites with 1/4" air space.		
	<i>For One Piece Obscure Glass, Add</i>	2.34	
	<i>For One Piece Fully Tempered Glass, Add</i>	1.10	
	<i>For Reflective Coated Glass, Add</i>	2.48	
	<i>For Low-E Coated Glass, Add</i>	1.38	
	<i>For Argon Gas, Add</i>	1.51	
	<i>For Tinted Glass, Add</i>	1.38	
	<i>For One Piece Heat Strengthened Glass, Add</i>	1.10	
	<i>For &gt;50 To 200, Deduct</i>	-0.17	
	<i>For &gt;200 To 400, Deduct</i>	-0.33	
	<i>For &gt;400, Deduct</i>	-0.50	
	<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.83	



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0055 SF 1" Thick, Insulated Field Installed Glass ..... 16.80 Note: Two 1/4" lites with 1/2" air space. <i>For One Piece Heat Strengthened Glass, Add</i> 1.33 <i>For Tinted Glass, Add</i> 1.67 <i>For One Piece Obscure Glass, Add</i> 2.83 <i>For Argon Gas, Add</i> 1.83 <i>For Low-E Coated Glass, Add</i> 1.67 <i>For One Piece Fully Tempered Glass, Add</i> 1.33 <i>For Reflective Coated Glass, Add</i> 3.00 <i>For &gt;50 To 200, Deduct</i> -0.20 <i>For &gt;200 To 400, Deduct</i> -0.40 <i>For &gt;400, Deduct</i> -0.60 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 10.13		
<b>08 81 26 00-0056 Spandrel Field Installed Glass (08 81 26)</b>		
<b>08 81 26 00-0057 Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08 81 26 00-0056)</b>		
08 81 26 00-0058 SF 1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass ..... 13.84 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
08 81 26 00-0059 SF 1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass ..... 12.60 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
<b>08 81 26 00-0060 Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 26 00-0056)</b>		
<b>08 81 26 00-0061 1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 26 00-0060)</b> Note: Also with aluminum foil vapor barrier.		
08 81 26 00-0062 SF 1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass ..... 15.14 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
08 81 26 00-0063 SF 1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass ..... 13.73 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
<b>08 81 26 00-0064 1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 26 00-0060)</b>		
08 81 26 00-0065 SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass ..... 17.59 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
08 81 26 00-0066 SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass ..... 14.82 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i> 8.04		
<b>08 83 Mirrors (08 80)</b> Note: Kind FT, Type I, Class I, Quality Q1.		
<b>08 83 13 Mirrored Glass Glazing (08 83)</b>		
<b>08 83 13 00-0001 Mirror Glass (08 83 13)</b>		
<b>08 83 13 00-0002 One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)</b>		
08 83 13 00-0003 SF 1/4" One-Way Vision Glass (Transparent Mirrors) ..... 23.35 <i>For &gt;50 To 200, Deduct</i> -0.49 <i>For &gt;200 To 400, Deduct</i> -0.81 <i>For &gt;400, Deduct</i> -1.30		3.61
<b>08 83 13 00-0004 Tempered, One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)</b>		
08 83 13 00-0005 SF 1/4" Tempered, One-Way Vision Glass (Transparent Mirrors) ..... 30.79 <i>For &gt;50 To 200, Deduct</i> -0.71 <i>For &gt;200 To 400, Deduct</i> -1.18 <i>For &gt;400, Deduct</i> -1.89		3.61
<b>08 83 13 00-0006 Clear Mirror Glass (08 83 13 00-0001)</b>		
08 83 13 00-0007 SF 1/8" Clear Mirror Glass ..... 9.39 <i>For &gt;50 To 200, Deduct</i> -0.11 <i>For &gt;200 To 400, Deduct</i> -0.18 <i>For &gt;400, Deduct</i> -0.29		2.89
08 83 13 00-0008 SF 3/16" Clear Mirror Glass ..... 11.02 <i>For &gt;50 To 200, Deduct</i> -0.13 <i>For &gt;200 To 400, Deduct</i> -0.22 <i>For &gt;400, Deduct</i> -0.35		3.37
08 83 13 00-0009 SF 1/4" Clear Mirror Glass ..... 12.01 <i>For &gt;50 To 200, Deduct</i> -0.15 <i>For &gt;200 To 400, Deduct</i> -0.24 <i>For &gt;400, Deduct</i> -0.39		3.61
<b>08 83 13 00-0010 Tempered, Clear Mirror Glass (08 83 13 00-0001)</b>		
08 83 13 00-0011 SF 1/8" Tempered, Clear Mirror Glass ..... 13.51 <i>For &gt;50 To 200, Deduct</i> -0.23 <i>For &gt;200 To 400, Deduct</i> -0.39 <i>For &gt;400, Deduct</i> -0.62		2.89

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 83</b>	<b>Mirrors</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 83 13 00-0012	SF 3/16" Tempered, Clear Mirror Glass ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i>	15.38 -0.26 -0.44 -0.70	3.37
08 83 13 00-0013	SF 1/4" Tempered, Clear Mirror Glass ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i>	16.87 -0.29 -0.49 -0.78	3.61
<b>08 83 13 00-0014</b>	<b>Clear Mirror Glass With Laminated Safety Backing</b> <small>(08 83 13 00-0001)</small>		
08 83 13 00-0015	SF 1/4" Clear Mirror Glass With Laminated Safety Backing..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i>	19.30 -0.36 -0.61 -0.97	3.61
<b>08 83 13 00-0016</b>	<b>Laminated Safety Mirror Glass</b> <small>(08 83 13 00-0001)</small> Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF 1/4" Laminated Safety Mirror Glass ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i>	38.22 -0.93 -1.55 -2.49	3.61
<b>08 83 13 00-0018</b>	<b>Accessories For Mirror Glass</b> <small>(08 83 13)</small>		
08 83 13 00-0019	LF 1/8" Aluminum J-Channel For Mounting Mirror Glass.....	2.40	
08 83 13 00-0020	LF 3/16" Aluminum J-Channel For Mounting Mirror Glass.....	2.45	
08 83 13 00-0021	LF 1/4" Aluminum J-Channel For Mounting Mirror Glass.....	3.10	
08 83 13 00-0022	LF Aluminum Frame For Mounting Mirror Glass.....	4.01	
<b>08 84</b>	<b>Plastic Glazing</b> <small>(08 80)</small>		
<b>08 84 00 00-0001</b>	<b>Clear Polycarbonate Glazing (GE Lexan)</b> <small>(08 84)</small>		
08 84 00 00-0002	SF 1/8" Thick, Clear Polycarbonate Glazing (GE Lexan) ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.49 -0.35 -0.69 -1.04 4.55	
08 84 00 00-0003	SF 3/16" Thick, Clear Polycarbonate Glazing (GE Lexan) ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.83 -0.46 -0.91 -1.37 4.73	
08 84 00 00-0004	SF 1/4" Thick, Clear Polycarbonate Glazing (GE Lexan) ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.54 -0.58 -1.16 -1.74 4.92	
08 84 00 00-0005	SF 3/8" Thick, Clear Polycarbonate Glazing (GE Lexan) ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	23.42 -0.92 -1.84 -2.75 5.06	
08 84 00 00-0006	SF 1/2" Thick, Clear Polycarbonate Glazing (GE Lexan) ..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	32.50 -1.35 -2.71 -4.06 5.43	
<b>08 84 00 00-0007</b>	<b>Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)</b> <small>(08 84)</small>		
08 84 00 00-0008	SF 1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.11 -0.83 -1.66 -2.48 4.55	
08 84 00 00-0009	SF 3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.45 -1.19 -2.37 -3.56 4.73	
08 84 00 00-0010	SF 1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.81 -1.19 -2.39 -3.58 4.92	
08 84 00 00-0011	SF 3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)..... <i>For &gt;50 To 200, Deduct</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400, Deduct</i> <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	39.56 -1.73 -3.45 -5.18 5.06	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Glazing</b>	<b>08 80</b>	
<b>Plastic Glazing</b>	<b>08 84</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0012 SF 1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....	46.37	
For >50 To 200, Deduct	-2.05	
For >200 To 400, Deduct	-4.09	
For >400, Deduct	-6.14	
For Glass Removal And Preparing Opening For New Glazing, Add	5.43	
<b>08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) (08 84)</b>		
08 84 00 00-0014 SF 1/10" Thick, Clear Acrylic Glazing (Plexiglas) .....	8.00	
For >50 To 200, Deduct	-0.18	
For >200 To 400, Deduct	-0.37	
For >400, Deduct	-0.55	
For Glass Removal And Preparing Opening For New Glazing, Add	4.34	
For Colored, Add	0.73	
For Shatterproof, Add	2.20	
For Mirrored, Add	2.93	
08 84 00 00-0015 SF 1/8" Thick, Clear Acrylic Glazing (Plexiglas) .....	8.61	
For >50 To 200, Deduct	-0.20	
For >200 To 400, Deduct	-0.41	
For >400, Deduct	-0.61	
For Glass Removal And Preparing Opening For New Glazing, Add	4.55	
For Colored, Add	0.81	
For Shatterproof, Add	2.44	
For Mirrored, Add	3.25	
08 84 00 00-0016 SF 3/16" Thick, Clear Acrylic Glazing (Plexiglas) .....	10.93	
For >50 To 200, Deduct	-0.31	
For >200 To 400, Deduct	-0.62	
For >400, Deduct	-0.93	
For Glass Removal And Preparing Opening For New Glazing, Add	4.73	
For Colored, Add	1.24	
For Shatterproof, Add	3.72	
For Mirrored, Add	4.96	
08 84 00 00-0017 SF 1/4" Thick, Clear Acrylic Glazing (Plexiglas) .....	12.93	
For >50 To 200, Deduct	-0.40	
For >200 To 400, Deduct	-0.80	
For >400, Deduct	-1.20	
For Glass Removal And Preparing Opening For New Glazing, Add	4.92	
For Colored, Add	1.60	
For Shatterproof, Add	4.81	
For Mirrored, Add	6.41	
08 84 00 00-0018 SF 5/16" Thick, Clear Acrylic Glazing (Plexiglas) .....	13.82	
For >50 To 200, Deduct	-0.44	
For >200 To 400, Deduct	-0.89	
For >400, Deduct	-1.33	
For Glass Removal And Preparing Opening For New Glazing, Add	4.95	
For Colored, Add	1.77	
For Shatterproof, Add	5.32	
For Mirrored, Add	7.10	
08 84 00 00-0019 SF 3/8" Thick, Clear Acrylic Glazing (Plexiglas) .....	15.00	
For >50 To 200, Deduct	-0.50	
For >200 To 400, Deduct	-0.99	
For >400, Deduct	-1.49	
For Glass Removal And Preparing Opening For New Glazing, Add	5.06	
For Colored, Add	1.99	
For Shatterproof, Add	5.96	
For Mirrored, Add	7.95	
08 84 00 00-0020 SF 1/2" Thick, Clear Acrylic Glazing (Plexiglas) .....	19.10	
For >50 To 200, Deduct	-0.68	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.05	
For Glass Removal And Preparing Opening For New Glazing, Add	5.43	
For Colored, Add	2.73	
For Shatterproof, Add	8.20	
For Mirrored, Add	10.94	
08 84 00 00-0021 SF 3/4" Thick, Clear Acrylic Glazing (Plexiglas) .....	27.25	
For >50 To 200, Deduct	-1.02	
For >200 To 400, Deduct	-2.04	
For >400, Deduct	-3.06	
For Glass Removal And Preparing Opening For New Glazing, Add	6.87	
08 84 00 00-0022 SF 1" Thick, Clear Acrylic Glazing (Plexiglas) .....	37.84	
For >50 To 200, Deduct	-1.52	
For >200 To 400, Deduct	-3.04	
For >400, Deduct	-4.56	
For Glass Removal And Preparing Opening For New Glazing, Add	7.46	

**08 87 Glazing Surface Films (08 80)**

**08 87 13 Solar Control Films (08 87)**

Note: Applied directly to one side of glazing with adhesive.

**08 87 13 00-0001 Window Tinting And Film (08 87 13)**

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002 SF Tinted, Solar Control Window Film .....	3.53
08 87 13 00-0003 SF Obscurant, Solar Control Window Film .....	3.53

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 87</b>	<b>Glazing Surface Films</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 87 13 00-004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	5.11	
08 87 13 00-005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	5.43	

**08 87 23 Safety And Security Films (08 87)**

**08 87 23 16 Security Films (08 87 23)**

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

**08 87 23 16-0001 High Performance, Security And Safety Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

**08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)**

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	7.77	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.35	
		<i>For &gt;5,000, Deduct</i>	-0.52	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	8.37	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.37	
		<i>For &gt;5,000, Deduct</i>	-0.58	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	9.20	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.40	
		<i>For &gt;5,000, Deduct</i>	-0.67	

**08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87 23 16-0001)**

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	9.03	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.39	
		<i>For &gt;5,000, Deduct</i>	-0.65	
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	9.03	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.39	
		<i>For &gt;5,000, Deduct</i>	-0.65	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	9.03	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.39	
		<i>For &gt;5,000, Deduct</i>	-0.65	

**08 87 23 16-0010 Security And Safety Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	7.12	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.33	
		<i>For &gt;5,000, Deduct</i>	-0.46	
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	7.28	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.33	
		<i>For &gt;5,000, Deduct</i>	-0.48	
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	8.77	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.39	
		<i>For &gt;5,000, Deduct</i>	-0.62	

**08 87 23 16-0014 Anti-Graffiti Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	7.12	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.33	
		<i>For &gt;5,000, Deduct</i>	-0.46	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	7.28	
		<i>For &gt;1,000 To 5,000, Deduct</i>	-0.33	
		<i>For &gt;5,000, Deduct</i>	-0.48	

**08 88 Special Function Glazing (08 80)**

**08 88 53 Security Glazing (08 88)**

**08 88 53 00-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminare (08 88 53)**

**08 88 53 00-0002 Ballistic Resistant Glass (08 88 53 00-0001)**

08 88 53 00-0003	SF	1.28" All Glass Laminare Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, Up To 15 SF.....	55.02	12.06
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	29.91	
08 88 53 00-0004	SF	1.28" All Glass Laminare Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, >15 SF.....	63.53	12.06
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	29.91	
08 88 53 00-0005	SF	1.55" All Glass Laminare Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, Up To 15 SF.....	72.03	13.51
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	33.78	
08 88 53 00-0006	SF	1.55" All Glass Laminare Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, >15 SF.....	79.13	13.51
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	33.78	
08 88 53 00-0007	SF	2.05" All Glass Laminare Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, Up To 15 SF.....	89.97	15.44
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	38.59	
08 88 53 00-0008	SF	2.05" All Glass Laminare Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, >15 SF.....	95.68	15.44
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	38.59	

**08 88 53 00-0009 Forced Entry Resistant Glass (08 88 53 00-0001)**





<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Special Function Glazing	08 88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0010	SF		5/16" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	22.34 7.54	3.61
08 88 53 00-0011	SF		1/2" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	25.34 8.04	3.86
08 88 53 00-0012	SF		11/16" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.88 8.61	4.10
08 88 53 00-0013	SF		7/8" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	32.60 9.28	4.59
<b>08 88 53 00-0014</b>			<b>Glass Clad Polycarbonate</b> <small>(08 88 53)</small>		
08 88 53 00-0015	SF		0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	79.02 36.67	14.48
08 88 53 00-0016	SF		0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	88.66 42.46	16.99
08 88 53 00-0017	SF		1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	112.05 48.25	19.30
<b>08 88 53 00-0018</b>			<b>Ballistic Resistant Acrylic</b> <small>(08 88 53)</small>		
08 88 53 00-0019	SF		1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	130.17 36.67	14.48
08 88 53 00-0020	SF		1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	152.46 42.46	16.89
08 88 53 00-0021	SF		1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	202.25 48.25	19.30
<b>08 88 53 00-0022</b>			<b>Ballistic Resistant Fiberglass</b> <small>(08 88 53)</small>		
08 88 53 00-0023	SF		5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	33.95 18.33	9.17
08 88 53 00-0024	SF		3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	40.07 21.23	10.61
08 88 53 00-0025	SF		7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	45.47 24.13	12.06
<b>08 88 53 00-0026</b>			<b>Forced Entry And/Or Ballistic Resistant Polycarbonate</b> <small>(08 88 53)</small>		
<b>08 88 53 00-0027</b>			<b>Forced Entry Resistant Monolithic Polycarbonate</b> <small>(08 88 53 00-0026)</small> Note: GE-Lexan MR10.		
08 88 53 00-0028	SF		1/2" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level 1 or ASTM F1233, Class II (Step 5). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	56.08 29.24	21.91
<b>08 88 53 00-0029</b>			<b>Forced Entry Resistant Glass Clad Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF		9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	69.32 36.19	14.47
<b>08 88 53 00-0031</b>			<b>Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF		1/2" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	86.41 38.59	27.78
<b>08 88 53 00-0033</b>			<b>Fire Resistant, Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF		7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I..... Note: UL-9 Fire Resistant. <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	94.98 41.01	17.14
<b>08 88 53 00-0035</b>			<b>Insulated, Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF		1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level I (1/4" tempered float glass, 1/2" airspace). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	81.17 36.19	14.47
<b>08 88 53 00-0037</b>			<b>Ballistic And Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small>		
08 88 53 00-0038	SF		1" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	187.96 80.09	32.23

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 88</b>	<b>Special Function Glazing</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0039	SF		1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	190.51  80.09	32.23
08 88 53 00-0040			<b>Ballistic Resistant Glass Clad Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF		1-5/16" Overall Nominal Thickness, Ballistic Resistant..... Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	124.95  54.04	20.43

**08 90 Louvers And Vents** (08)

**08 91 Louvers** (08 90)

**08 91 13 Motorized Wall Louvers** (08 91)

**08 91 13 00-0001 Motorized Wall Louver Actuator** (08 91 13)

See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA		115 Volt Actuator For Adjustable Intake Louver.....	1,009.31	58.08
08 91 13 00-0003	EA		230 Volt Actuator For Adjustable Intake Louver.....	1,548.11	58.08
08 91 13 00-0004	EA		24 Volt Actuator For Adjustable Intake Louver.....	1,086.11	58.08
08 91 13 00-0005	EA		115 Volt Hazardous Location Actuator For Adjustable Intake Louver.....	4,248.71	58.08

**08 91 16 Operable Wall Louvers** (08 91)

**08 91 16 00-0001 Adjustable Intake Wall Louvers** (08 91 16)

See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.

08 91 16 00-0002	EA		12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	277.35  24.66 49.32 73.98 98.64 135.63	15.37
08 91 16 00-0003	EA		12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	346.58  30.90 61.80 92.70 123.60 169.95	18.79
08 91 16 00-0004	EA		12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	409.82  36.54 73.08 109.62 146.16 200.97	22.21
08 91 16 00-0005	EA		12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	479.65  42.84 85.68 128.52 171.36 235.62	25.63
08 91 16 00-0006	EA		12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	540.48  48.24 96.48 144.72 192.96 265.32	29.04
08 91 16 00-0007	EA		12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	637.91  57.30 114.60 171.90 229.20 315.15	32.46
08 91 16 00-0008	EA		12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	726.95  65.52 131.04 196.56 262.08 360.36	35.88



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0009	EA		12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	807.40	41.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	72.54	
			For Clear Lacquer Finish, Add	145.08	
			For Baked Enamel Standard Colors, Add	217.62	
			For Anodized Finish, Add	290.16	
			For Kynar™ Standard Colors Finish, Add	398.97	
08 91 16 00-0010	EA		12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	861.63	44.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	77.28	
			For Clear Lacquer Finish, Add	154.56	
			For Baked Enamel Standard Colors, Add	231.84	
			For Anodized Finish, Add	309.12	
			For Kynar™ Standard Colors Finish, Add	425.04	
08 91 16 00-0011	EA		12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	929.66	47.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	83.40	
			For Clear Lacquer Finish, Add	166.80	
			For Baked Enamel Standard Colors, Add	250.20	
			For Anodized Finish, Add	333.60	
			For Kynar™ Standard Colors Finish, Add	458.70	
08 91 16 00-0012	EA		12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	989.29	51.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	88.68	
			For Clear Lacquer Finish, Add	177.36	
			For Baked Enamel Standard Colors, Add	266.04	
			For Anodized Finish, Add	354.72	
			For Kynar™ Standard Colors Finish, Add	487.74	
08 91 16 00-0013	EA		12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,065.73	54.66
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	95.64	
			For Clear Lacquer Finish, Add	191.28	
			For Baked Enamel Standard Colors, Add	286.92	
			For Anodized Finish, Add	382.56	
			For Kynar™ Standard Colors Finish, Add	526.02	
08 91 16 00-0014	EA		12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,139.16	58.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	102.30	
			For Clear Lacquer Finish, Add	204.60	
			For Baked Enamel Standard Colors, Add	306.90	
			For Anodized Finish, Add	409.20	
			For Kynar™ Standard Colors Finish, Add	562.65	
08 91 16 00-0015	EA		12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,230.41	63.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	110.40	
			For Clear Lacquer Finish, Add	220.80	
			For Baked Enamel Standard Colors, Add	331.20	
			For Anodized Finish, Add	441.60	
			For Kynar™ Standard Colors Finish, Add	607.20	
08 91 16 00-0016	EA		12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,297.66	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	116.10	
			For Clear Lacquer Finish, Add	232.20	
			For Baked Enamel Standard Colors, Add	348.30	
			For Anodized Finish, Add	464.40	
			For Kynar™ Standard Colors Finish, Add	638.55	
08 91 16 00-0017	EA		18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	311.18	18.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	27.36	
			For Clear Lacquer Finish, Add	54.72	
			For Baked Enamel Standard Colors, Add	82.08	
			For Anodized Finish, Add	109.44	
			For Kynar™ Standard Colors Finish, Add	150.48	
08 91 16 00-0018	EA		18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	392.83	23.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	34.50	
			For Clear Lacquer Finish, Add	69.00	
			For Baked Enamel Standard Colors, Add	103.50	
			For Anodized Finish, Add	138.00	
			For Kynar™ Standard Colors Finish, Add	189.75	
08 91 16 00-0019	EA		18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	460.86	27.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	40.62	
			For Clear Lacquer Finish, Add	81.24	
			For Baked Enamel Standard Colors, Add	121.86	
			For Anodized Finish, Add	162.48	
			For Kynar™ Standard Colors Finish, Add	223.41	
08 91 16 00-0020	EA		18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	573.53	34.16
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	50.52	
			For Clear Lacquer Finish, Add	101.04	
			For Baked Enamel Standard Colors, Add	151.56	
			For Anodized Finish, Add	202.08	
			For Kynar™ Standard Colors Finish, Add	277.86	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	652.36	37.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.72	
			For Clear Lacquer Finish, Add	115.44	
			For Baked Enamel Standard Colors, Add	173.16	
			For Anodized Finish, Add	230.88	
			For Kynar™ Standard Colors Finish, Add	317.46	
08 91	16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	731.20	41.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	64.92	
			For Clear Lacquer Finish, Add	129.84	
			For Baked Enamel Standard Colors, Add	194.76	
			For Anodized Finish, Add	259.68	
			For Kynar™ Standard Colors Finish, Add	357.06	
08 91	16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	825.63	44.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.68	
			For Clear Lacquer Finish, Add	147.36	
			For Baked Enamel Standard Colors, Add	221.04	
			For Anodized Finish, Add	294.72	
			For Kynar™ Standard Colors Finish, Add	405.24	
08 91	16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	915.68	49.54
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	81.66	
			For Clear Lacquer Finish, Add	163.32	
			For Baked Enamel Standard Colors, Add	244.98	
			For Anodized Finish, Add	326.64	
			For Kynar™ Standard Colors Finish, Add	449.13	
08 91	16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	987.73	54.66
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	87.84	
			For Clear Lacquer Finish, Add	175.68	
			For Baked Enamel Standard Colors, Add	263.52	
			For Anodized Finish, Add	351.36	
			For Kynar™ Standard Colors Finish, Add	483.12	
08 91	16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,056.96	58.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	94.08	
			For Clear Lacquer Finish, Add	188.16	
			For Baked Enamel Standard Colors, Add	282.24	
			For Anodized Finish, Add	376.32	
			For Kynar™ Standard Colors Finish, Add	517.44	
08 91	16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,122.00	61.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	99.90	
			For Clear Lacquer Finish, Add	199.80	
			For Baked Enamel Standard Colors, Add	299.70	
			For Anodized Finish, Add	399.60	
			For Kynar™ Standard Colors Finish, Add	549.45	
08 91	16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,206.22	64.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	107.64	
			For Clear Lacquer Finish, Add	215.28	
			For Baked Enamel Standard Colors, Add	322.92	
			For Anodized Finish, Add	430.56	
			For Kynar™ Standard Colors Finish, Add	592.02	
08 91	16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,287.46	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	115.08	
			For Clear Lacquer Finish, Add	230.16	
			For Baked Enamel Standard Colors, Add	345.24	
			For Anodized Finish, Add	460.32	
			For Kynar™ Standard Colors Finish, Add	632.94	
08 91	16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,386.51	73.45
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	123.96	
			For Clear Lacquer Finish, Add	247.92	
			For Baked Enamel Standard Colors, Add	371.88	
			For Anodized Finish, Add	495.84	
			For Kynar™ Standard Colors Finish, Add	681.78	
08 91	16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,461.56	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	130.44	
			For Clear Lacquer Finish, Add	260.88	
			For Baked Enamel Standard Colors, Add	391.32	
			For Anodized Finish, Add	521.76	
			For Kynar™ Standard Colors Finish, Add	717.42	
08 91	16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	348.02	22.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	30.36	
			For Clear Lacquer Finish, Add	60.72	
			For Baked Enamel Standard Colors, Add	91.08	
			For Anodized Finish, Add	121.44	
			For Kynar™ Standard Colors Finish, Add	166.98	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0033	EA		24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	441.66	27.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	38.70	
			For Clear Lacquer Finish, Add	77.40	
			For Baked Enamel Standard Colors, Add	116.10	
			For Anodized Finish, Add	154.80	
			For Kynar™ Standard Colors Finish, Add	212.85	
08 91 16 00-0034	EA		24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	547.31	32.46
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	48.24	
			For Clear Lacquer Finish, Add	96.48	
			For Baked Enamel Standard Colors, Add	144.72	
			For Anodized Finish, Add	192.96	
			For Kynar™ Standard Colors Finish, Add	265.32	
08 91 16 00-0035	EA		24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	645.58	39.29
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	56.70	
			For Clear Lacquer Finish, Add	113.40	
			For Baked Enamel Standard Colors, Add	170.10	
			For Anodized Finish, Add	226.80	
			For Kynar™ Standard Colors Finish, Add	311.85	
08 91 16 00-0036	EA		24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	732.22	42.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	64.68	
			For Clear Lacquer Finish, Add	129.36	
			For Baked Enamel Standard Colors, Add	194.04	
			For Anodized Finish, Add	258.72	
			For Kynar™ Standard Colors Finish, Add	355.74	
08 91 16 00-0037	EA		24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	823.64	46.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.14	
			For Clear Lacquer Finish, Add	146.28	
			For Baked Enamel Standard Colors, Add	219.42	
			For Anodized Finish, Add	292.56	
			For Kynar™ Standard Colors Finish, Add	402.27	
08 91 16 00-0038	EA		24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	936.49	51.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	83.40	
			For Clear Lacquer Finish, Add	166.80	
			For Baked Enamel Standard Colors, Add	250.20	
			For Anodized Finish, Add	333.60	
			For Kynar™ Standard Colors Finish, Add	458.70	
08 91 16 00-0039	EA		24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,031.76	58.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.56	
			For Clear Lacquer Finish, Add	183.12	
			For Baked Enamel Standard Colors, Add	274.68	
			For Anodized Finish, Add	366.24	
			For Kynar™ Standard Colors Finish, Add	503.58	
08 91 16 00-0040	EA		24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,105.80	61.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	98.28	
			For Clear Lacquer Finish, Add	196.56	
			For Baked Enamel Standard Colors, Add	294.84	
			For Anodized Finish, Add	393.12	
			For Kynar™ Standard Colors Finish, Add	540.54	
08 91 16 00-0041	EA		24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,186.66	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	105.00	
			For Clear Lacquer Finish, Add	210.00	
			For Baked Enamel Standard Colors, Add	315.00	
			For Anodized Finish, Add	420.00	
			For Kynar™ Standard Colors Finish, Add	577.50	
08 91 16 00-0042	EA		24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,261.89	71.75
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	111.84	
			For Clear Lacquer Finish, Add	223.68	
			For Baked Enamel Standard Colors, Add	335.52	
			For Anodized Finish, Add	447.36	
			For Kynar™ Standard Colors Finish, Add	615.12	
08 91 16 00-0043	EA		24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,364.13	75.16
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	121.38	
			For Clear Lacquer Finish, Add	242.76	
			For Baked Enamel Standard Colors, Add	364.14	
			For Anodized Finish, Add	485.52	
			For Kynar™ Standard Colors Finish, Add	667.59	
08 91 16 00-0044	EA		24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,450.76	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	129.36	
			For Clear Lacquer Finish, Add	258.72	
			For Baked Enamel Standard Colors, Add	388.08	
			For Anodized Finish, Add	517.44	
			For Kynar™ Standard Colors Finish, Add	711.48	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0045	EA		24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,560.00	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	139.26	
			For Clear Lacquer Finish, Add	278.52	
			For Baked Enamel Standard Colors, Add	417.78	
			For Anodized Finish, Add	557.04	
			For Kynar™ Standard Colors Finish, Add	765.93	
08 91 16 00-0046	EA		24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,640.46	88.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	146.28	
			For Clear Lacquer Finish, Add	292.56	
			For Baked Enamel Standard Colors, Add	438.84	
			For Anodized Finish, Add	585.12	
			For Kynar™ Standard Colors Finish, Add	804.54	
08 91 16 00-0047	EA		30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	387.85	25.63
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	33.66	
			For Clear Lacquer Finish, Add	67.32	
			For Baked Enamel Standard Colors, Add	100.98	
			For Anodized Finish, Add	134.64	
			For Kynar™ Standard Colors Finish, Add	185.13	
08 91 16 00-0048	EA		30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	516.53	34.16
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	44.82	
			For Clear Lacquer Finish, Add	89.64	
			For Baked Enamel Standard Colors, Add	134.46	
			For Anodized Finish, Add	179.28	
			For Kynar™ Standard Colors Finish, Add	246.51	
08 91 16 00-0049	EA		30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	613.18	39.29
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	53.46	
			For Clear Lacquer Finish, Add	106.92	
			For Baked Enamel Standard Colors, Add	160.38	
			For Anodized Finish, Add	213.84	
			For Kynar™ Standard Colors Finish, Add	294.03	
08 91 16 00-0050	EA		30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	718.83	44.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	63.00	
			For Clear Lacquer Finish, Add	126.00	
			For Baked Enamel Standard Colors, Add	189.00	
			For Anodized Finish, Add	252.00	
			For Kynar™ Standard Colors Finish, Add	346.50	
08 91 16 00-0051	EA		30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	813.26	47.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	71.76	
			For Clear Lacquer Finish, Add	143.52	
			For Baked Enamel Standard Colors, Add	215.28	
			For Anodized Finish, Add	287.04	
			For Kynar™ Standard Colors Finish, Add	394.68	
08 91 16 00-0052	EA		30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	911.11	52.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	80.52	
			For Clear Lacquer Finish, Add	161.04	
			For Baked Enamel Standard Colors, Add	241.56	
			For Anodized Finish, Add	322.08	
			For Kynar™ Standard Colors Finish, Add	442.86	
08 91 16 00-0053	EA		30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,028.34	56.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.56	
			For Clear Lacquer Finish, Add	183.12	
			For Baked Enamel Standard Colors, Add	274.68	
			For Anodized Finish, Add	366.24	
			For Kynar™ Standard Colors Finish, Add	503.58	
08 91 16 00-0054	EA		30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,128.60	61.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	100.56	
			For Clear Lacquer Finish, Add	201.12	
			For Baked Enamel Standard Colors, Add	301.68	
			For Anodized Finish, Add	402.24	
			For Kynar™ Standard Colors Finish, Add	553.08	
08 91 16 00-0055	EA		30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,211.02	64.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.12	
			For Clear Lacquer Finish, Add	216.24	
			For Baked Enamel Standard Colors, Add	324.36	
			For Anodized Finish, Add	432.48	
			For Kynar™ Standard Colors Finish, Add	594.66	
08 91 16 00-0056	EA		30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,301.49	71.75
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	115.80	
			For Clear Lacquer Finish, Add	231.60	
			For Baked Enamel Standard Colors, Add	347.40	
			For Anodized Finish, Add	463.20	
			For Kynar™ Standard Colors Finish, Add	636.90	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0057	EA		30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,387.94	76.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	123.42	
			For Clear Lacquer Finish, Add	246.84	
			For Baked Enamel Standard Colors, Add	370.26	
			For Anodized Finish, Add	493.68	
			For Kynar™ Standard Colors Finish, Add	678.81	
08 91 16 00-0058	EA		30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,496.78	80.28
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	133.62	
			For Clear Lacquer Finish, Add	267.24	
			For Baked Enamel Standard Colors, Add	400.86	
			For Anodized Finish, Add	534.48	
			For Kynar™ Standard Colors Finish, Add	734.91	
08 91 16 00-0059	EA		30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,591.20	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	142.38	
			For Clear Lacquer Finish, Add	284.76	
			For Baked Enamel Standard Colors, Add	427.14	
			For Anodized Finish, Add	569.52	
			For Kynar™ Standard Colors Finish, Add	783.09	
08 91 16 00-0060	EA		30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,705.86	88.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	152.82	
			For Clear Lacquer Finish, Add	305.64	
			For Baked Enamel Standard Colors, Add	458.46	
			For Anodized Finish, Add	611.28	
			For Kynar™ Standard Colors Finish, Add	840.51	
08 91 16 00-0061	EA		30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,797.11	93.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	160.92	
			For Clear Lacquer Finish, Add	321.84	
			For Baked Enamel Standard Colors, Add	482.76	
			For Anodized Finish, Add	643.68	
			For Kynar™ Standard Colors Finish, Add	885.06	
08 91 16 00-0062	EA		36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	424.68	29.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	36.66	
			For Clear Lacquer Finish, Add	73.32	
			For Baked Enamel Standard Colors, Add	109.98	
			For Anodized Finish, Add	146.64	
			For Kynar™ Standard Colors Finish, Add	201.63	
08 91 16 00-0063	EA		36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	574.96	37.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	49.98	
			For Clear Lacquer Finish, Add	99.96	
			For Baked Enamel Standard Colors, Add	149.94	
			For Anodized Finish, Add	199.92	
			For Kynar™ Standard Colors Finish, Add	274.89	
08 91 16 00-0064	EA		36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	672.22	42.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	58.68	
			For Clear Lacquer Finish, Add	117.36	
			For Baked Enamel Standard Colors, Add	176.04	
			For Anodized Finish, Add	234.72	
			For Kynar™ Standard Colors Finish, Add	322.74	
08 91 16 00-0065	EA		36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	788.06	47.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	69.24	
			For Clear Lacquer Finish, Add	138.48	
			For Baked Enamel Standard Colors, Add	207.72	
			For Anodized Finish, Add	276.96	
			For Kynar™ Standard Colors Finish, Add	380.82	
08 91 16 00-0066	EA		36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	895.26	51.93
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	79.14	
			For Clear Lacquer Finish, Add	158.28	
			For Baked Enamel Standard Colors, Add	237.42	
			For Anodized Finish, Add	316.56	
			For Kynar™ Standard Colors Finish, Add	435.27	
08 91 16 00-0067	EA		36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	995.94	56.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	88.32	
			For Clear Lacquer Finish, Add	176.64	
			For Baked Enamel Standard Colors, Add	264.96	
			For Anodized Finish, Add	353.28	
			For Kynar™ Standard Colors Finish, Add	485.76	
08 91 16 00-0068	EA		36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,126.98	59.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	100.74	
			For Clear Lacquer Finish, Add	201.48	
			For Baked Enamel Standard Colors, Add	302.22	
			For Anodized Finish, Add	402.96	
			For Kynar™ Standard Colors Finish, Add	554.07	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,239.82	64.91
			<i>For Flange Frame, Add</i>	111.00	
			<i>For Clear Lacquer Finish, Add</i>	222.00	
			<i>For Baked Enamel Standard Colors, Add</i>	333.00	
			<i>For Anodized Finish, Add</i>	444.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	610.50	
08 91	16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,331.67	70.04
			<i>For Flange Frame, Add</i>	119.16	
			<i>For Clear Lacquer Finish, Add</i>	238.32	
			<i>For Baked Enamel Standard Colors, Add</i>	357.48	
			<i>For Anodized Finish, Add</i>	476.64	
			<i>For Kynar™ Standard Colors Finish, Add</i>	655.38	
08 91	16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,425.93	75.16
			<i>For Flange Frame, Add</i>	127.56	
			<i>For Clear Lacquer Finish, Add</i>	255.12	
			<i>For Baked Enamel Standard Colors, Add</i>	382.68	
			<i>For Anodized Finish, Add</i>	510.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	701.58	
08 91	16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,523.18	80.28
			<i>For Flange Frame, Add</i>	136.26	
			<i>For Clear Lacquer Finish, Add</i>	272.52	
			<i>For Baked Enamel Standard Colors, Add</i>	408.78	
			<i>For Anodized Finish, Add</i>	545.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	749.43	
08 91	16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,642.20	83.70
			<i>For Flange Frame, Add</i>	147.48	
			<i>For Clear Lacquer Finish, Add</i>	294.96	
			<i>For Baked Enamel Standard Colors, Add</i>	442.44	
			<i>For Anodized Finish, Add</i>	589.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	811.14	
08 91	16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,743.84	87.12
			<i>For Flange Frame, Add</i>	156.96	
			<i>For Clear Lacquer Finish, Add</i>	313.92	
			<i>For Baked Enamel Standard Colors, Add</i>	470.88	
			<i>For Anodized Finish, Add</i>	627.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	863.28	
08 91	16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,873.49	92.24
			<i>For Flange Frame, Add</i>	168.90	
			<i>For Clear Lacquer Finish, Add</i>	337.80	
			<i>For Baked Enamel Standard Colors, Add</i>	506.70	
			<i>For Anodized Finish, Add</i>	675.60	
			<i>For Kynar™ Standard Colors Finish, Add</i>	928.95	
08 91	16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,970.14	97.37
			<i>For Flange Frame, Add</i>	177.54	
			<i>For Clear Lacquer Finish, Add</i>	355.08	
			<i>For Baked Enamel Standard Colors, Add</i>	532.62	
			<i>For Anodized Finish, Add</i>	710.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	976.47	
08 91	16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	486.11	32.46
			<i>For Flange Frame, Add</i>	42.12	
			<i>For Clear Lacquer Finish, Add</i>	84.24	
			<i>For Baked Enamel Standard Colors, Add</i>	126.36	
			<i>For Anodized Finish, Add</i>	168.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	231.66	
08 91	16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	620.20	41.00
			<i>For Flange Frame, Add</i>	53.82	
			<i>For Clear Lacquer Finish, Add</i>	107.64	
			<i>For Baked Enamel Standard Colors, Add</i>	161.46	
			<i>For Anodized Finish, Add</i>	215.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	296.01	
08 91	16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	728.24	46.12
			<i>For Flange Frame, Add</i>	63.60	
			<i>For Clear Lacquer Finish, Add</i>	127.20	
			<i>For Baked Enamel Standard Colors, Add</i>	190.80	
			<i>For Anodized Finish, Add</i>	254.40	
			<i>For Kynar™ Standard Colors Finish, Add</i>	349.80	
08 91	16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	851.71	52.95
			<i>For Flange Frame, Add</i>	74.58	
			<i>For Clear Lacquer Finish, Add</i>	149.16	
			<i>For Baked Enamel Standard Colors, Add</i>	223.74	
			<i>For Anodized Finish, Add</i>	298.32	
			<i>For Kynar™ Standard Colors Finish, Add</i>	410.19	





<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0081	EA		42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	965.94	56.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	85.32	
			For Clear Lacquer Finish, Add	170.64	
			For Baked Enamel Standard Colors, Add	255.96	
			For Anodized Finish, Add	341.28	
			For Kynar™ Standard Colors Finish, Add	469.26	
08 91 16 00-0082	EA		42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,074.18	59.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	95.46	
			For Clear Lacquer Finish, Add	190.92	
			For Baked Enamel Standard Colors, Add	286.38	
			For Anodized Finish, Add	381.84	
			For Kynar™ Standard Colors Finish, Add	525.03	
08 91 16 00-0083	EA		42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,216.61	63.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	109.02	
			For Clear Lacquer Finish, Add	218.04	
			For Baked Enamel Standard Colors, Add	327.06	
			For Anodized Finish, Add	436.08	
			For Kynar™ Standard Colors Finish, Add	599.61	
08 91 16 00-0084	EA		42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,331.26	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	119.46	
			For Clear Lacquer Finish, Add	238.92	
			For Baked Enamel Standard Colors, Add	358.38	
			For Anodized Finish, Add	477.84	
			For Kynar™ Standard Colors Finish, Add	657.03	
08 91 16 00-0085	EA		42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,434.51	73.45
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	128.76	
			For Clear Lacquer Finish, Add	257.52	
			For Baked Enamel Standard Colors, Add	386.28	
			For Anodized Finish, Add	515.04	
			For Kynar™ Standard Colors Finish, Add	708.18	
08 91 16 00-0086	EA		42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,531.16	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	137.40	
			For Clear Lacquer Finish, Add	274.80	
			For Baked Enamel Standard Colors, Add	412.20	
			For Anodized Finish, Add	549.60	
			For Kynar™ Standard Colors Finish, Add	755.70	
08 91 16 00-0087	EA		42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,636.80	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	146.94	
			For Clear Lacquer Finish, Add	293.88	
			For Baked Enamel Standard Colors, Add	440.82	
			For Anodized Finish, Add	587.76	
			For Kynar™ Standard Colors Finish, Add	808.17	
08 91 16 00-0088	EA		42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,764.84	87.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	159.06	
			For Clear Lacquer Finish, Add	318.12	
			For Baked Enamel Standard Colors, Add	477.18	
			For Anodized Finish, Add	636.24	
			For Kynar™ Standard Colors Finish, Add	874.83	
08 91 16 00-0089	EA		42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,876.07	90.54
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	169.50	
			For Clear Lacquer Finish, Add	339.00	
			For Baked Enamel Standard Colors, Add	508.50	
			For Anodized Finish, Add	678.00	
			For Kynar™ Standard Colors Finish, Add	932.25	
08 91 16 00-0090	EA		42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,021.33	95.66
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	183.00	
			For Clear Lacquer Finish, Add	366.00	
			For Baked Enamel Standard Colors, Add	549.00	
			For Anodized Finish, Add	732.00	
			For Kynar™ Standard Colors Finish, Add	1,006.50	
08 91 16 00-0091	EA		42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,122.17	100.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	192.06	
			For Clear Lacquer Finish, Add	384.12	
			For Baked Enamel Standard Colors, Add	576.18	
			For Anodized Finish, Add	768.24	
			For Kynar™ Standard Colors Finish, Add	1,056.33	
08 91 16 00-0092	EA		48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	525.95	35.88
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	45.42	
			For Clear Lacquer Finish, Add	90.84	
			For Baked Enamel Standard Colors, Add	136.26	
			For Anodized Finish, Add	181.68	
			For Kynar™ Standard Colors Finish, Add	249.81	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0093	EA		48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	668.43	44.42
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.96	
			For Clear Lacquer Finish, Add	115.92	
			For Baked Enamel Standard Colors, Add	173.88	
			For Anodized Finish, Add	231.84	
			For Kynar™ Standard Colors Finish, Add	318.78	
08 91 16 00-0094	EA		48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	791.29	51.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.88	
			For Clear Lacquer Finish, Add	137.76	
			For Baked Enamel Standard Colors, Add	206.64	
			For Anodized Finish, Add	275.52	
			For Kynar™ Standard Colors Finish, Add	378.84	
08 91 16 00-0095	EA		48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	917.94	56.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	80.52	
			For Clear Lacquer Finish, Add	161.04	
			For Baked Enamel Standard Colors, Add	241.56	
			For Anodized Finish, Add	322.08	
			For Kynar™ Standard Colors Finish, Add	442.86	
08 91 16 00-0096	EA		48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,044.18	59.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	92.46	
			For Clear Lacquer Finish, Add	184.92	
			For Baked Enamel Standard Colors, Add	277.38	
			For Anodized Finish, Add	369.84	
			For Kynar™ Standard Colors Finish, Add	508.53	
08 91 16 00-0097	EA		48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,166.21	63.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	103.98	
			For Clear Lacquer Finish, Add	207.96	
			For Baked Enamel Standard Colors, Add	311.94	
			For Anodized Finish, Add	415.92	
			For Kynar™ Standard Colors Finish, Add	571.89	
08 91 16 00-0098	EA		48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,318.06	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	118.14	
			For Clear Lacquer Finish, Add	236.28	
			For Baked Enamel Standard Colors, Add	354.42	
			For Anodized Finish, Add	472.56	
			For Kynar™ Standard Colors Finish, Add	649.77	
08 91 16 00-0099	EA		48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,443.51	73.45
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	129.66	
			For Clear Lacquer Finish, Add	259.32	
			For Baked Enamel Standard Colors, Add	388.98	
			For Anodized Finish, Add	518.64	
			For Kynar™ Standard Colors Finish, Add	713.13	
08 91 16 00-0100	EA		48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,552.16	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	139.50	
			For Clear Lacquer Finish, Add	279.00	
			For Baked Enamel Standard Colors, Add	418.50	
			For Anodized Finish, Add	558.00	
			For Kynar™ Standard Colors Finish, Add	767.25	
08 91 16 00-0101	EA		48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,662.60	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	149.52	
			For Clear Lacquer Finish, Add	299.04	
			For Baked Enamel Standard Colors, Add	448.56	
			For Anodized Finish, Add	598.08	
			For Kynar™ Standard Colors Finish, Add	822.36	
08 91 16 00-0102	EA		48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,770.66	88.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	159.30	
			For Clear Lacquer Finish, Add	318.60	
			For Baked Enamel Standard Colors, Add	477.90	
			For Anodized Finish, Add	637.20	
			For Kynar™ Standard Colors Finish, Add	876.15	
08 91 16 00-0103	EA		48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,915.49	92.24
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	173.10	
			For Clear Lacquer Finish, Add	346.20	
			For Baked Enamel Standard Colors, Add	519.30	
			For Anodized Finish, Add	692.40	
			For Kynar™ Standard Colors Finish, Add	952.05	
08 91 16 00-0104	EA		48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,035.73	95.66
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	184.44	
			For Clear Lacquer Finish, Add	368.88	
			For Baked Enamel Standard Colors, Add	553.32	
			For Anodized Finish, Add	737.76	
			For Kynar™ Standard Colors Finish, Add	1,014.42	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA		48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,184.16	99.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	198.60	
			For Clear Lacquer Finish, Add	397.20	
			For Baked Enamel Standard Colors, Add	595.80	
			For Anodized Finish, Add	794.40	
			For Kynar™ Standard Colors Finish, Add	1,092.30	
08 91 16 00-0106	EA		48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,295.20	104.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	208.68	
			For Clear Lacquer Finish, Add	417.36	
			For Baked Enamel Standard Colors, Add	626.04	
			For Anodized Finish, Add	834.72	
			For Kynar™ Standard Colors Finish, Add	1,147.74	
08 91 16 00-0107	EA		54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	610.60	41.00
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	52.86	
			For Clear Lacquer Finish, Add	105.72	
			For Baked Enamel Standard Colors, Add	158.58	
			For Anodized Finish, Add	211.44	
			For Kynar™ Standard Colors Finish, Add	290.73	
08 91 16 00-0108	EA		54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	783.08	49.54
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.40	
			For Clear Lacquer Finish, Add	136.80	
			For Baked Enamel Standard Colors, Add	205.20	
			For Anodized Finish, Add	273.60	
			For Kynar™ Standard Colors Finish, Add	376.20	
08 91 16 00-0109	EA		54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	917.76	58.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	80.16	
			For Clear Lacquer Finish, Add	160.32	
			For Baked Enamel Standard Colors, Add	240.48	
			For Anodized Finish, Add	320.64	
			For Kynar™ Standard Colors Finish, Add	440.88	
08 91 16 00-0110	EA		54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,054.80	61.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	93.18	
			For Clear Lacquer Finish, Add	186.36	
			For Baked Enamel Standard Colors, Add	279.54	
			For Anodized Finish, Add	372.72	
			For Kynar™ Standard Colors Finish, Add	512.49	
08 91 16 00-0111	EA		54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,203.82	64.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	107.40	
			For Clear Lacquer Finish, Add	214.80	
			For Baked Enamel Standard Colors, Add	322.20	
			For Anodized Finish, Add	429.60	
			For Kynar™ Standard Colors Finish, Add	590.70	
08 91 16 00-0112	EA		54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,337.26	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	120.06	
			For Clear Lacquer Finish, Add	240.12	
			For Baked Enamel Standard Colors, Add	360.18	
			For Anodized Finish, Add	480.24	
			For Kynar™ Standard Colors Finish, Add	660.33	
08 91 16 00-0113	EA		54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,513.71	73.45
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	136.68	
			For Clear Lacquer Finish, Add	273.36	
			For Baked Enamel Standard Colors, Add	410.04	
			For Anodized Finish, Add	546.72	
			For Kynar™ Standard Colors Finish, Add	751.74	
08 91 16 00-0114	EA		54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,685.36	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	152.82	
			For Clear Lacquer Finish, Add	305.64	
			For Baked Enamel Standard Colors, Add	458.46	
			For Anodized Finish, Add	611.28	
			For Kynar™ Standard Colors Finish, Add	840.51	
08 91 16 00-0115	EA		54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,813.80	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	164.64	
			For Clear Lacquer Finish, Add	329.28	
			For Baked Enamel Standard Colors, Add	493.92	
			For Anodized Finish, Add	658.56	
			For Kynar™ Standard Colors Finish, Add	905.52	
08 91 16 00-0116	EA		54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,940.46	88.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	176.28	
			For Clear Lacquer Finish, Add	352.56	
			For Baked Enamel Standard Colors, Add	528.84	
			For Anodized Finish, Add	705.12	
			For Kynar™ Standard Colors Finish, Add	969.54	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,062.49	92.24
			<i>For Flange Frame, Add</i>	187.80	
			<i>For Clear Lacquer Finish, Add</i>	375.60	
			<i>For Baked Enamel Standard Colors, Add</i>	563.40	
			<i>For Anodized Finish, Add</i>	751.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,032.90	
08 91	16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,224.13	95.66
			<i>For Flange Frame, Add</i>	203.28	
			<i>For Clear Lacquer Finish, Add</i>	406.56	
			<i>For Baked Enamel Standard Colors, Add</i>	609.84	
			<i>For Anodized Finish, Add</i>	813.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,118.04	
08 91	16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,358.76	99.08
			<i>For Flange Frame, Add</i>	216.06	
			<i>For Clear Lacquer Finish, Add</i>	432.12	
			<i>For Baked Enamel Standard Colors, Add</i>	648.18	
			<i>For Anodized Finish, Add</i>	864.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,188.33	
08 91	16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,532.39	102.49
			<i>For Flange Frame, Add</i>	232.74	
			<i>For Clear Lacquer Finish, Add</i>	465.48	
			<i>For Baked Enamel Standard Colors, Add</i>	698.22	
			<i>For Anodized Finish, Add</i>	930.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,280.07	
08 91	16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,662.04	107.62
			<i>For Flange Frame, Add</i>	244.68	
			<i>For Clear Lacquer Finish, Add</i>	489.36	
			<i>For Baked Enamel Standard Colors, Add</i>	734.04	
			<i>For Anodized Finish, Add</i>	978.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,345.74	
08 91	16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	648.03	44.42
			<i>For Flange Frame, Add</i>	55.92	
			<i>For Clear Lacquer Finish, Add</i>	111.84	
			<i>For Baked Enamel Standard Colors, Add</i>	167.76	
			<i>For Anodized Finish, Add</i>	223.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	307.56	
08 91	16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	834.73	54.66
			<i>For Flange Frame, Add</i>	72.54	
			<i>For Clear Lacquer Finish, Add</i>	145.08	
			<i>For Baked Enamel Standard Colors, Add</i>	217.62	
			<i>For Anodized Finish, Add</i>	290.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	398.97	
08 91	16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	972.60	61.49
			<i>For Flange Frame, Add</i>	84.96	
			<i>For Clear Lacquer Finish, Add</i>	169.92	
			<i>For Baked Enamel Standard Colors, Add</i>	254.88	
			<i>For Anodized Finish, Add</i>	339.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	467.28	
08 91	16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,123.42	64.91
			<i>For Flange Frame, Add</i>	99.36	
			<i>For Clear Lacquer Finish, Add</i>	198.72	
			<i>For Baked Enamel Standard Colors, Add</i>	298.08	
			<i>For Anodized Finish, Add</i>	397.44	
			<i>For Kynar™ Standard Colors Finish, Add</i>	546.48	
08 91	16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,281.27	70.04
			<i>For Flange Frame, Add</i>	114.12	
			<i>For Clear Lacquer Finish, Add</i>	228.24	
			<i>For Baked Enamel Standard Colors, Add</i>	342.36	
			<i>For Anodized Finish, Add</i>	456.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	627.66	
08 91	16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,422.51	73.45
			<i>For Flange Frame, Add</i>	127.56	
			<i>For Clear Lacquer Finish, Add</i>	255.12	
			<i>For Baked Enamel Standard Colors, Add</i>	382.68	
			<i>For Anodized Finish, Add</i>	510.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	701.58	
08 91	16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,611.56	78.58
			<i>For Flange Frame, Add</i>	145.44	
			<i>For Clear Lacquer Finish, Add</i>	290.88	
			<i>For Baked Enamel Standard Colors, Add</i>	436.32	
			<i>For Anodized Finish, Add</i>	581.76	
			<i>For Kynar™ Standard Colors Finish, Add</i>	799.92	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0129 EA 60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,788.00	83.70
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	162.06	
For Clear Lacquer Finish, Add	324.12	
For Baked Enamel Standard Colors, Add	486.18	
For Anodized Finish, Add	648.24	
For Kynar™ Standard Colors Finish, Add	891.33	
08 91 16 00-0130 EA 60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,925.46	88.83
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	174.78	
For Clear Lacquer Finish, Add	349.56	
For Baked Enamel Standard Colors, Add	524.34	
For Anodized Finish, Add	699.12	
For Kynar™ Standard Colors Finish, Add	961.29	
08 91 16 00-0131 EA 60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,060.51	93.95
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	187.26	
For Clear Lacquer Finish, Add	374.52	
For Baked Enamel Standard Colors, Add	561.78	
For Anodized Finish, Add	749.04	
For Kynar™ Standard Colors Finish, Add	1,029.93	
08 91 16 00-0132 EA 60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,190.34	97.37
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	199.56	
For Clear Lacquer Finish, Add	399.12	
For Baked Enamel Standard Colors, Add	598.68	
For Anodized Finish, Add	798.24	
For Kynar™ Standard Colors Finish, Add	1,097.58	
08 91 16 00-0133 EA 60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,365.77	100.79
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	216.42	
For Clear Lacquer Finish, Add	432.84	
For Baked Enamel Standard Colors, Add	649.26	
For Anodized Finish, Add	865.68	
For Kynar™ Standard Colors Finish, Add	1,190.31	
08 91 16 00-0134 EA 60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,507.00	104.21
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	229.86	
For Clear Lacquer Finish, Add	459.72	
For Baked Enamel Standard Colors, Add	689.58	
For Anodized Finish, Add	919.44	
For Kynar™ Standard Colors Finish, Add	1,264.23	
08 91 16 00-0135 EA 60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,689.64	107.62
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	247.44	
For Clear Lacquer Finish, Add	494.88	
For Baked Enamel Standard Colors, Add	742.32	
For Anodized Finish, Add	989.76	
For Kynar™ Standard Colors Finish, Add	1,360.92	
08 91 16 00-0136 EA 60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,823.67	111.03
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	260.16	
For Clear Lacquer Finish, Add	520.32	
For Baked Enamel Standard Colors, Add	780.48	
For Anodized Finish, Add	1,040.64	
For Kynar™ Standard Colors Finish, Add	1,430.88	
<b>08 91 16 00-0137 Adjustable Intake Wall Louvers Operators</b> <small>(08 91 16)</small>		
08 91 16 00-0138 EA 5' Chain Actuator For Adjustable Intake Louver.....	163.76	17.09
08 91 16 00-0139 EA Panel Crank For Adjustable Intake Louver .....	360.47	6.83
<b>08 91 19 Fixed Louvers</b> <small>(08 91)</small>		
<b>08 91 19 00-0001 Fixed Intake Wall Louvers</b> <small>(08 91 19)</small>		
08 91 19 00-0002 EA 12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	211.95	15.37
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	18.12	
For Clear Lacquer Finish, Add	36.24	
For Baked Enamel Standard Colors, Add	54.36	
For Anodized Finish, Add	72.48	
For Kynar™ Standard Colors Finish, Add	99.66	
08 91 19 00-0003 EA 12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	251.78	18.79
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	21.42	
For Clear Lacquer Finish, Add	42.84	
For Baked Enamel Standard Colors, Add	64.26	
For Anodized Finish, Add	85.68	
For Kynar™ Standard Colors Finish, Add	117.81	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	292.22	22.21
			<i>For Flange Frame, Add</i>	24.78	
			<i>For Clear Lacquer Finish, Add</i>	49.56	
			<i>For Baked Enamel Standard Colors, Add</i>	74.34	
			<i>For Anodized Finish, Add</i>	99.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	136.29	
08 91	19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	342.85	25.63
			<i>For Flange Frame, Add</i>	29.16	
			<i>For Clear Lacquer Finish, Add</i>	58.32	
			<i>For Baked Enamel Standard Colors, Add</i>	87.48	
			<i>For Anodized Finish, Add</i>	116.64	
			<i>For Kynar™ Standard Colors Finish, Add</i>	160.38	
08 91	19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	385.68	29.04
			<i>For Flange Frame, Add</i>	32.76	
			<i>For Clear Lacquer Finish, Add</i>	65.52	
			<i>For Baked Enamel Standard Colors, Add</i>	98.28	
			<i>For Anodized Finish, Add</i>	131.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	180.18	
08 91	19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	454.91	32.46
			<i>For Flange Frame, Add</i>	39.00	
			<i>For Clear Lacquer Finish, Add</i>	78.00	
			<i>For Baked Enamel Standard Colors, Add</i>	117.00	
			<i>For Anodized Finish, Add</i>	156.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	214.50	
08 91	19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	492.95	35.88
			<i>For Flange Frame, Add</i>	42.12	
			<i>For Clear Lacquer Finish, Add</i>	84.24	
			<i>For Baked Enamel Standard Colors, Add</i>	126.36	
			<i>For Anodized Finish, Add</i>	168.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	231.66	
08 91	19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	551.20	41.00
			<i>For Flange Frame, Add</i>	46.92	
			<i>For Clear Lacquer Finish, Add</i>	93.84	
			<i>For Baked Enamel Standard Colors, Add</i>	140.76	
			<i>For Anodized Finish, Add</i>	187.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	258.06	
08 91	19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	586.23	44.42
			<i>For Flange Frame, Add</i>	49.74	
			<i>For Clear Lacquer Finish, Add</i>	99.48	
			<i>For Baked Enamel Standard Colors, Add</i>	149.22	
			<i>For Anodized Finish, Add</i>	198.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	273.57	
08 91	19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	633.86	47.83
			<i>For Flange Frame, Add</i>	53.82	
			<i>For Clear Lacquer Finish, Add</i>	107.64	
			<i>For Baked Enamel Standard Colors, Add</i>	161.46	
			<i>For Anodized Finish, Add</i>	215.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	296.01	
08 91	19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	675.49	51.25
			<i>For Flange Frame, Add</i>	57.30	
			<i>For Clear Lacquer Finish, Add</i>	114.60	
			<i>For Baked Enamel Standard Colors, Add</i>	171.90	
			<i>For Anodized Finish, Add</i>	229.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	315.15	
08 91	19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	724.93	54.66
			<i>For Flange Frame, Add</i>	61.56	
			<i>For Clear Lacquer Finish, Add</i>	123.12	
			<i>For Baked Enamel Standard Colors, Add</i>	184.68	
			<i>For Anodized Finish, Add</i>	246.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	338.58	
08 91	19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	771.36	58.08
			<i>For Flange Frame, Add</i>	65.52	
			<i>For Clear Lacquer Finish, Add</i>	131.04	
			<i>For Baked Enamel Standard Colors, Add</i>	196.56	
			<i>For Anodized Finish, Add</i>	262.08	
			<i>For Kynar™ Standard Colors Finish, Add</i>	360.36	
08 91	19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	812.81	63.21
			<i>For Flange Frame, Add</i>	68.64	
			<i>For Clear Lacquer Finish, Add</i>	137.28	
			<i>For Baked Enamel Standard Colors, Add</i>	205.92	
			<i>For Anodized Finish, Add</i>	274.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	377.52	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	868.06	68.33
			<i>For Flange Frame, Add</i>	73.14	
			<i>For Clear Lacquer Finish, Add</i>	146.28	
			<i>For Baked Enamel Standard Colors, Add</i>	219.42	
			<i>For Anodized Finish, Add</i>	292.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	402.27	
08 91	19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	246.38	18.79
			<i>For Flange Frame, Add</i>	20.88	
			<i>For Clear Lacquer Finish, Add</i>	41.76	
			<i>For Baked Enamel Standard Colors, Add</i>	62.64	
			<i>For Anodized Finish, Add</i>	83.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	114.84	
08 91	19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	295.63	23.91
			<i>For Flange Frame, Add</i>	24.78	
			<i>For Clear Lacquer Finish, Add</i>	49.56	
			<i>For Baked Enamel Standard Colors, Add</i>	74.34	
			<i>For Anodized Finish, Add</i>	99.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	136.29	
08 91	19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	342.66	27.33
			<i>For Flange Frame, Add</i>	28.80	
			<i>For Clear Lacquer Finish, Add</i>	57.60	
			<i>For Baked Enamel Standard Colors, Add</i>	86.40	
			<i>For Anodized Finish, Add</i>	115.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	158.40	
08 91	19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	429.53	34.16
			<i>For Flange Frame, Add</i>	36.12	
			<i>For Clear Lacquer Finish, Add</i>	72.24	
			<i>For Baked Enamel Standard Colors, Add</i>	108.36	
			<i>For Anodized Finish, Add</i>	144.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	198.66	
08 91	19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	492.76	37.58
			<i>For Flange Frame, Add</i>	41.76	
			<i>For Clear Lacquer Finish, Add</i>	83.52	
			<i>For Baked Enamel Standard Colors, Add</i>	125.28	
			<i>For Anodized Finish, Add</i>	167.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	229.68	
08 91	19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	548.80	41.00
			<i>For Flange Frame, Add</i>	46.68	
			<i>For Clear Lacquer Finish, Add</i>	93.36	
			<i>For Baked Enamel Standard Colors, Add</i>	140.04	
			<i>For Anodized Finish, Add</i>	186.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	256.74	
08 91	19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	588.63	44.42
			<i>For Flange Frame, Add</i>	49.98	
			<i>For Clear Lacquer Finish, Add</i>	99.96	
			<i>For Baked Enamel Standard Colors, Add</i>	149.94	
			<i>For Anodized Finish, Add</i>	199.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	274.89	
08 91	19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	655.28	49.54
			<i>For Flange Frame, Add</i>	55.62	
			<i>For Clear Lacquer Finish, Add</i>	111.24	
			<i>For Baked Enamel Standard Colors, Add</i>	166.86	
			<i>For Anodized Finish, Add</i>	222.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	305.91	
08 91	19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	702.13	54.66
			<i>For Flange Frame, Add</i>	59.28	
			<i>For Clear Lacquer Finish, Add</i>	118.56	
			<i>For Baked Enamel Standard Colors, Add</i>	177.84	
			<i>For Anodized Finish, Add</i>	237.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	326.04	
08 91	19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	762.96	58.08
			<i>For Flange Frame, Add</i>	64.68	
			<i>For Clear Lacquer Finish, Add</i>	129.36	
			<i>For Baked Enamel Standard Colors, Add</i>	194.04	
			<i>For Anodized Finish, Add</i>	258.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	355.74	
08 91	19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	809.40	61.49
			<i>For Flange Frame, Add</i>	68.64	
			<i>For Clear Lacquer Finish, Add</i>	137.28	
			<i>For Baked Enamel Standard Colors, Add</i>	205.92	
			<i>For Anodized Finish, Add</i>	274.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	377.52	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	861.22	64.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.14	
			For Clear Lacquer Finish, Add	146.28	
			For Baked Enamel Standard Colors, Add	219.42	
			For Anodized Finish, Add	292.56	
			For Kynar™ Standard Colors Finish, Add	402.27	
08 91	19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	915.46	68.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	77.88	
			For Clear Lacquer Finish, Add	155.76	
			For Baked Enamel Standard Colors, Add	233.64	
			For Anodized Finish, Add	311.52	
			For Kynar™ Standard Colors Finish, Add	428.34	
08 91	19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	963.51	73.45
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	81.66	
			For Clear Lacquer Finish, Add	163.32	
			For Baked Enamel Standard Colors, Add	244.98	
			For Anodized Finish, Add	326.64	
			For Kynar™ Standard Colors Finish, Add	449.13	
08 91	19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,030.16	78.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	87.30	
			For Clear Lacquer Finish, Add	174.60	
			For Baked Enamel Standard Colors, Add	261.90	
			For Anodized Finish, Add	349.20	
			For Kynar™ Standard Colors Finish, Add	480.15	
08 91	19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	285.02	22.21
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	24.06	
			For Clear Lacquer Finish, Add	48.12	
			For Baked Enamel Standard Colors, Add	72.18	
			For Anodized Finish, Add	96.24	
			For Kynar™ Standard Colors Finish, Add	132.33	
08 91	19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	339.66	27.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	28.50	
			For Clear Lacquer Finish, Add	57.00	
			For Baked Enamel Standard Colors, Add	85.50	
			For Anodized Finish, Add	114.00	
			For Kynar™ Standard Colors Finish, Add	156.75	
08 91	19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	420.71	32.46
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	35.58	
			For Clear Lacquer Finish, Add	71.16	
			For Baked Enamel Standard Colors, Add	106.74	
			For Anodized Finish, Add	142.32	
			For Kynar™ Standard Colors Finish, Add	195.69	
08 91	19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	496.18	39.29
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	41.76	
			For Clear Lacquer Finish, Add	83.52	
			For Baked Enamel Standard Colors, Add	125.28	
			For Anodized Finish, Add	167.04	
			For Kynar™ Standard Colors Finish, Add	229.68	
08 91	19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	567.82	42.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	48.24	
			For Clear Lacquer Finish, Add	96.48	
			For Baked Enamel Standard Colors, Add	144.72	
			For Anodized Finish, Add	192.96	
			For Kynar™ Standard Colors Finish, Add	265.32	
08 91	19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	634.04	46.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	54.18	
			For Clear Lacquer Finish, Add	108.36	
			For Baked Enamel Standard Colors, Add	162.54	
			For Anodized Finish, Add	216.72	
			For Kynar™ Standard Colors Finish, Add	297.99	
08 91	19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	689.29	51.25
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	58.68	
			For Clear Lacquer Finish, Add	117.36	
			For Baked Enamel Standard Colors, Add	176.04	
			For Anodized Finish, Add	234.72	
			For Kynar™ Standard Colors Finish, Add	322.74	
08 91	19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	762.96	58.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	64.68	
			For Clear Lacquer Finish, Add	129.36	
			For Baked Enamel Standard Colors, Add	194.04	
			For Anodized Finish, Add	258.72	
			For Kynar™ Standard Colors Finish, Add	355.74	





<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	811.80	61.49
			<i>For Flange Frame, Add</i>	68.88	
			<i>For Clear Lacquer Finish, Add</i>	137.76	
			<i>For Baked Enamel Standard Colors, Add</i>	206.64	
			<i>For Anodized Finish, Add</i>	275.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	378.84	
08 91	19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	892.06	68.33
			<i>For Flange Frame, Add</i>	75.54	
			<i>For Clear Lacquer Finish, Add</i>	151.08	
			<i>For Baked Enamel Standard Colors, Add</i>	226.62	
			<i>For Anodized Finish, Add</i>	302.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	415.47	
08 91	19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	942.69	71.75
			<i>For Flange Frame, Add</i>	79.92	
			<i>For Clear Lacquer Finish, Add</i>	159.84	
			<i>For Baked Enamel Standard Colors, Add</i>	239.76	
			<i>For Anodized Finish, Add</i>	319.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	439.56	
08 91	19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,008.33	75.16
			<i>For Flange Frame, Add</i>	85.80	
			<i>For Clear Lacquer Finish, Add</i>	171.60	
			<i>For Baked Enamel Standard Colors, Add</i>	257.40	
			<i>For Anodized Finish, Add</i>	343.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	471.90	
08 91	19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,072.76	78.58
			<i>For Flange Frame, Add</i>	91.56	
			<i>For Clear Lacquer Finish, Add</i>	183.12	
			<i>For Baked Enamel Standard Colors, Add</i>	274.68	
			<i>For Anodized Finish, Add</i>	366.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	503.58	
08 91	19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,122.00	83.70
			<i>For Flange Frame, Add</i>	95.46	
			<i>For Clear Lacquer Finish, Add</i>	190.92	
			<i>For Baked Enamel Standard Colors, Add</i>	286.38	
			<i>For Anodized Finish, Add</i>	381.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	525.03	
08 91	19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,203.06	88.83
			<i>For Flange Frame, Add</i>	102.54	
			<i>For Clear Lacquer Finish, Add</i>	205.08	
			<i>For Baked Enamel Standard Colors, Add</i>	307.62	
			<i>For Anodized Finish, Add</i>	410.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	563.97	
08 91	19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	319.45	25.63
			<i>For Flange Frame, Add</i>	26.82	
			<i>For Clear Lacquer Finish, Add</i>	53.64	
			<i>For Baked Enamel Standard Colors, Add</i>	80.46	
			<i>For Anodized Finish, Add</i>	107.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	147.51	
08 91	19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	413.33	34.16
			<i>For Flange Frame, Add</i>	34.50	
			<i>For Clear Lacquer Finish, Add</i>	69.00	
			<i>For Baked Enamel Standard Colors, Add</i>	103.50	
			<i>For Anodized Finish, Add</i>	138.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	189.75	
08 91	19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	482.38	39.29
			<i>For Flange Frame, Add</i>	40.38	
			<i>For Clear Lacquer Finish, Add</i>	80.76	
			<i>For Baked Enamel Standard Colors, Add</i>	121.14	
			<i>For Anodized Finish, Add</i>	161.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	222.09	
08 91	19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	562.83	44.42
			<i>For Flange Frame, Add</i>	47.40	
			<i>For Clear Lacquer Finish, Add</i>	94.80	
			<i>For Baked Enamel Standard Colors, Add</i>	142.20	
			<i>For Anodized Finish, Add</i>	189.60	
			<i>For Kynar™ Standard Colors Finish, Add</i>	260.70	
08 91	19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	648.86	47.83
			<i>For Flange Frame, Add</i>	55.32	
			<i>For Clear Lacquer Finish, Add</i>	110.64	
			<i>For Baked Enamel Standard Colors, Add</i>	165.96	
			<i>For Anodized Finish, Add</i>	221.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	304.26	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	721.51	52.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	61.56	
			For Clear Lacquer Finish, Add	123.12	
			For Baked Enamel Standard Colors, Add	184.68	
			For Anodized Finish, Add	246.24	
			For Kynar™ Standard Colors Finish, Add	338.58	
08 91	19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	775.74	56.37
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	66.30	
			For Clear Lacquer Finish, Add	132.60	
			For Baked Enamel Standard Colors, Add	198.90	
			For Anodized Finish, Add	265.20	
			For Kynar™ Standard Colors Finish, Add	364.65	
08 91	19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	852.00	61.49
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	72.90	
			For Clear Lacquer Finish, Add	145.80	
			For Baked Enamel Standard Colors, Add	218.70	
			For Anodized Finish, Add	291.60	
			For Kynar™ Standard Colors Finish, Add	400.95	
08 91	19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	912.82	64.91
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	78.30	
			For Clear Lacquer Finish, Add	156.60	
			For Baked Enamel Standard Colors, Add	234.90	
			For Anodized Finish, Add	313.20	
			For Kynar™ Standard Colors Finish, Add	430.65	
08 91	19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,005.69	71.75
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	86.22	
			For Clear Lacquer Finish, Add	172.44	
			For Baked Enamel Standard Colors, Add	258.66	
			For Anodized Finish, Add	344.88	
			For Kynar™ Standard Colors Finish, Add	474.21	
08 91	19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,065.14	76.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.14	
			For Clear Lacquer Finish, Add	182.28	
			For Baked Enamel Standard Colors, Add	273.42	
			For Anodized Finish, Add	364.56	
			For Kynar™ Standard Colors Finish, Add	501.27	
08 91	19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,134.98	80.28
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	97.44	
			For Clear Lacquer Finish, Add	194.88	
			For Baked Enamel Standard Colors, Add	292.32	
			For Anodized Finish, Add	389.76	
			For Kynar™ Standard Colors Finish, Add	535.92	
08 91	19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,204.20	83.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	103.68	
			For Clear Lacquer Finish, Add	207.36	
			For Baked Enamel Standard Colors, Add	311.04	
			For Anodized Finish, Add	414.72	
			For Kynar™ Standard Colors Finish, Add	570.24	
08 91	19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,262.46	88.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.48	
			For Clear Lacquer Finish, Add	216.96	
			For Baked Enamel Standard Colors, Add	325.44	
			For Anodized Finish, Add	433.92	
			For Kynar™ Standard Colors Finish, Add	596.64	
08 91	19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,354.31	93.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	116.64	
			For Clear Lacquer Finish, Add	233.28	
			For Baked Enamel Standard Colors, Add	349.92	
			For Anodized Finish, Add	466.56	
			For Kynar™ Standard Colors Finish, Add	641.52	
08 91	19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	354.48	29.04
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	29.64	
			For Clear Lacquer Finish, Add	59.28	
			For Baked Enamel Standard Colors, Add	88.92	
			For Anodized Finish, Add	118.56	
			For Kynar™ Standard Colors Finish, Add	163.02	
08 91	19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	465.16	37.58
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	39.00	
			For Clear Lacquer Finish, Add	78.00	
			For Baked Enamel Standard Colors, Add	117.00	
			For Anodized Finish, Add	156.00	
			For Kynar™ Standard Colors Finish, Add	214.50	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	537.82 45.24 90.48 135.72 180.96 248.82	42.70
08 91	19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	624.26 52.86 105.72 158.58 211.44 290.73	47.83
08 91	19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	721.26 61.74 123.48 185.22 246.96 339.57	51.93
08 91	19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	796.74 68.40 136.80 205.20 273.60 376.20	56.37
08 91	19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	861.78 74.22 148.44 222.66 296.88 408.21	59.79
08 91	19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	948.82 81.90 163.80 245.70 327.60 450.45	64.91
08 91	19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,014.87 87.48 174.96 262.44 349.92 481.14	70.04
08 91	19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,119.33 96.90 193.80 290.70 387.60 532.95	75.16
08 91	19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,188.38 102.78 205.56 308.34 411.12 565.29	80.28
08 91	19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,263.00 109.56 219.12 328.68 438.24 602.58	83.70
08 91	19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,340.64 116.64 233.28 349.92 466.56 641.52	87.12
08 91	19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,407.29 122.28 244.56 366.84 489.12 672.54	92.24

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,511.14	97.37
			<i>For Flange Frame, Add</i>	131.64	
			<i>For Clear Lacquer Finish, Add</i>	263.28	
			<i>For Baked Enamel Standard Colors, Add</i>	394.92	
			<i>For Anodized Finish, Add</i>	526.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	724.02	
08 91	19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	412.31	32.46
			<i>For Flange Frame, Add</i>	34.74	
			<i>For Clear Lacquer Finish, Add</i>	69.48	
			<i>For Baked Enamel Standard Colors, Add</i>	104.22	
			<i>For Anodized Finish, Add</i>	138.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	191.07	
08 91	19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	505.60	41.00
			<i>For Flange Frame, Add</i>	42.36	
			<i>For Clear Lacquer Finish, Add</i>	84.72	
			<i>For Baked Enamel Standard Colors, Add</i>	127.08	
			<i>For Anodized Finish, Add</i>	169.44	
			<i>For Kynar™ Standard Colors Finish, Add</i>	232.98	
08 91	19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	586.04	46.12
			<i>For Flange Frame, Add</i>	49.38	
			<i>For Clear Lacquer Finish, Add</i>	98.76	
			<i>For Baked Enamel Standard Colors, Add</i>	148.14	
			<i>For Anodized Finish, Add</i>	197.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	271.59	
08 91	19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	685.51	52.95
			<i>For Flange Frame, Add</i>	57.96	
			<i>For Clear Lacquer Finish, Add</i>	115.92	
			<i>For Baked Enamel Standard Colors, Add</i>	173.88	
			<i>For Anodized Finish, Add</i>	231.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	318.78	
08 91	19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	790.74	56.37
			<i>For Flange Frame, Add</i>	67.80	
			<i>For Clear Lacquer Finish, Add</i>	135.60	
			<i>For Baked Enamel Standard Colors, Add</i>	203.40	
			<i>For Anodized Finish, Add</i>	271.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	372.90	
08 91	19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	874.98	59.79
			<i>For Flange Frame, Add</i>	75.54	
			<i>For Clear Lacquer Finish, Add</i>	151.08	
			<i>For Baked Enamel Standard Colors, Add</i>	226.62	
			<i>For Anodized Finish, Add</i>	302.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	415.47	
08 91	19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	947.81	63.21
			<i>For Flange Frame, Add</i>	82.14	
			<i>For Clear Lacquer Finish, Add</i>	164.28	
			<i>For Baked Enamel Standard Colors, Add</i>	246.42	
			<i>For Anodized Finish, Add</i>	328.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	451.77	
08 91	19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,034.86	68.33
			<i>For Flange Frame, Add</i>	89.82	
			<i>For Clear Lacquer Finish, Add</i>	179.64	
			<i>For Baked Enamel Standard Colors, Add</i>	269.46	
			<i>For Anodized Finish, Add</i>	359.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	494.01	
08 91	19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,109.31	73.45
			<i>For Flange Frame, Add</i>	96.24	
			<i>For Clear Lacquer Finish, Add</i>	192.48	
			<i>For Baked Enamel Standard Colors, Add</i>	288.72	
			<i>For Anodized Finish, Add</i>	384.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	529.32	
08 91	19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,225.16	78.58
			<i>For Flange Frame, Add</i>	106.80	
			<i>For Clear Lacquer Finish, Add</i>	213.60	
			<i>For Baked Enamel Standard Colors, Add</i>	320.40	
			<i>For Anodized Finish, Add</i>	427.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	587.40	
08 91	19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,299.60	83.70
			<i>For Flange Frame, Add</i>	113.22	
			<i>For Clear Lacquer Finish, Add</i>	226.44	
			<i>For Baked Enamel Standard Colors, Add</i>	339.66	
			<i>For Anodized Finish, Add</i>	452.88	
			<i>For Kynar™ Standard Colors Finish, Add</i>	622.71	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,383.84	87.12
			<i>For Flange Frame, Add</i>	120.96	
			<i>For Clear Lacquer Finish, Add</i>	241.92	
			<i>For Baked Enamel Standard Colors, Add</i>	362.88	
			<i>For Anodized Finish, Add</i>	483.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	665.28	
08 91	19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,468.67	90.54
			<i>For Flange Frame, Add</i>	128.76	
			<i>For Clear Lacquer Finish, Add</i>	257.52	
			<i>For Baked Enamel Standard Colors, Add</i>	386.28	
			<i>For Anodized Finish, Add</i>	515.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	708.18	
08 91	19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,547.33	95.66
			<i>For Flange Frame, Add</i>	135.60	
			<i>For Clear Lacquer Finish, Add</i>	271.20	
			<i>For Baked Enamel Standard Colors, Add</i>	406.80	
			<i>For Anodized Finish, Add</i>	542.40	
			<i>For Kynar™ Standard Colors Finish, Add</i>	745.80	
08 91	19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,658.97	100.79
			<i>For Flange Frame, Add</i>	145.74	
			<i>For Clear Lacquer Finish, Add</i>	291.48	
			<i>For Baked Enamel Standard Colors, Add</i>	437.22	
			<i>For Anodized Finish, Add</i>	582.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	801.57	
08 91	19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	450.95	35.88
			<i>For Flange Frame, Add</i>	37.92	
			<i>For Clear Lacquer Finish, Add</i>	75.84	
			<i>For Baked Enamel Standard Colors, Add</i>	113.76	
			<i>For Anodized Finish, Add</i>	151.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	208.56	
08 91	19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	552.63	44.42
			<i>For Flange Frame, Add</i>	46.38	
			<i>For Clear Lacquer Finish, Add</i>	92.76	
			<i>For Baked Enamel Standard Colors, Add</i>	139.14	
			<i>For Anodized Finish, Add</i>	185.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	255.09	
08 91	19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	647.29	51.25
			<i>For Flange Frame, Add</i>	54.48	
			<i>For Clear Lacquer Finish, Add</i>	108.96	
			<i>For Baked Enamel Standard Colors, Add</i>	163.44	
			<i>For Anodized Finish, Add</i>	217.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	299.64	
08 91	19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	745.14	56.37
			<i>For Flange Frame, Add</i>	63.24	
			<i>For Clear Lacquer Finish, Add</i>	126.48	
			<i>For Baked Enamel Standard Colors, Add</i>	189.72	
			<i>For Anodized Finish, Add</i>	252.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	347.82	
08 91	19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	865.38	59.79
			<i>For Flange Frame, Add</i>	74.58	
			<i>For Clear Lacquer Finish, Add</i>	149.16	
			<i>For Baked Enamel Standard Colors, Add</i>	223.74	
			<i>For Anodized Finish, Add</i>	298.32	
			<i>For Kynar™ Standard Colors Finish, Add</i>	410.19	
08 91	19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	962.81	63.21
			<i>For Flange Frame, Add</i>	83.64	
			<i>For Clear Lacquer Finish, Add</i>	167.28	
			<i>For Baked Enamel Standard Colors, Add</i>	250.92	
			<i>For Anodized Finish, Add</i>	334.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	460.02	
08 91	19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,043.26	68.33
			<i>For Flange Frame, Add</i>	90.66	
			<i>For Clear Lacquer Finish, Add</i>	181.32	
			<i>For Baked Enamel Standard Colors, Add</i>	271.98	
			<i>For Anodized Finish, Add</i>	362.64	
			<i>For Kynar™ Standard Colors Finish, Add</i>	498.63	
08 91	19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,169.91	73.45
			<i>For Flange Frame, Add</i>	102.30	
			<i>For Clear Lacquer Finish, Add</i>	204.60	
			<i>For Baked Enamel Standard Colors, Add</i>	306.90	
			<i>For Anodized Finish, Add</i>	409.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	562.65	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,225.16 106.80 213.60 320.40 427.20 587.40	78.58
08 91	19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,348.80 118.14 236.28 354.42 472.56 649.77	83.70
08 91	19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,434.66 125.70 251.40 377.10 502.80 691.35	88.83
08 91	19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,528.49 134.40 268.80 403.20 537.60 739.20	92.24
08 91	19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,622.33 143.10 286.20 429.30 572.40 787.05	95.66
08 91	19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,700.56 150.24 300.48 450.72 600.96 826.32	99.08
08 91	19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,829.00 162.06 324.12 486.18 648.24 891.33	104.21
08 91	19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	499.60 41.76 83.52 125.28 167.04 229.68	41.00
08 91	19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	613.28 51.42 102.84 154.26 205.68 282.81	49.54
08 91	19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	717.96 60.18 120.36 180.54 240.72 330.99	58.08
08 91	19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	822.60 69.96 139.92 209.88 279.84 384.78	61.49
08 91	19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	966.22 83.64 167.28 250.92 334.56 460.02	64.91



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,066.06 92.94 185.88 278.82 371.76 511.17	68.33
08 91	19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,160.31 101.34 202.68 304.02 405.36 557.37	73.45
08 91	19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,298.36 114.12 228.24 342.36 456.48 627.66	78.58
08 91	19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,395.60 122.82 245.64 368.46 491.28 675.51	83.70
08 91	19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,540.26 136.26 272.52 408.78 545.04 749.43	88.83
08 91	19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,633.49 144.90 289.80 434.70 579.60 796.95	92.24
08 91	19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,739.93 154.86 309.72 464.58 619.44 851.73	95.66
08 91	19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,842.16 164.40 328.80 493.20 657.60 904.20	99.08
08 91	19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,926.99 172.20 344.40 516.60 688.80 947.10	102.49
08 91	19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,076.44 186.12 372.24 558.36 744.48 1,023.66	107.62
08 91	19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	537.03 44.82 89.64 134.46 179.28 246.51	44.42
08 91	19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	662.53 55.32 110.64 165.96 221.28 304.26	54.66

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	769.80	61.49
			Note: Includes bird screen.		
			For Flange Frame, Add	64.68	
			For Clear Lacquer Finish, Add	129.36	
			For Baked Enamel Standard Colors, Add	194.04	
			For Anodized Finish, Add	258.72	
			For Kynar™ Standard Colors Finish, Add	355.74	
08 91	19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	890.62	64.91
			Note: Includes bird screen.		
			For Flange Frame, Add	76.08	
			For Clear Lacquer Finish, Add	152.16	
			For Baked Enamel Standard Colors, Add	228.24	
			For Anodized Finish, Add	304.32	
			For Kynar™ Standard Colors Finish, Add	418.44	
08 91	19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,040.67	70.04
			Note: Includes bird screen.		
			For Flange Frame, Add	90.06	
			For Clear Lacquer Finish, Add	180.12	
			For Baked Enamel Standard Colors, Add	270.18	
			For Anodized Finish, Add	360.24	
			For Kynar™ Standard Colors Finish, Add	495.33	
08 91	19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,152.51	73.45
			Note: Includes bird screen.		
			For Flange Frame, Add	100.56	
			For Clear Lacquer Finish, Add	201.12	
			For Baked Enamel Standard Colors, Add	301.68	
			For Anodized Finish, Add	402.24	
			For Kynar™ Standard Colors Finish, Add	553.08	
08 91	19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,250.96	78.58
			Note: Includes bird screen.		
			For Flange Frame, Add	109.38	
			For Clear Lacquer Finish, Add	218.76	
			For Baked Enamel Standard Colors, Add	328.14	
			For Anodized Finish, Add	437.52	
			For Kynar™ Standard Colors Finish, Add	601.59	
08 91	19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,398.60	83.70
			Note: Includes bird screen.		
			For Flange Frame, Add	123.12	
			For Clear Lacquer Finish, Add	246.24	
			For Baked Enamel Standard Colors, Add	369.36	
			For Anodized Finish, Add	492.48	
			For Kynar™ Standard Colors Finish, Add	677.16	
08 91	19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,503.06	88.83
			Note: Includes bird screen.		
			For Flange Frame, Add	132.54	
			For Clear Lacquer Finish, Add	265.08	
			For Baked Enamel Standard Colors, Add	397.62	
			For Anodized Finish, Add	530.16	
			For Kynar™ Standard Colors Finish, Add	728.97	
08 91	19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,659.71	93.95
			Note: Includes bird screen.		
			For Flange Frame, Add	147.18	
			For Clear Lacquer Finish, Add	294.36	
			For Baked Enamel Standard Colors, Add	441.54	
			For Anodized Finish, Add	588.72	
			For Kynar™ Standard Colors Finish, Add	809.49	
08 91	19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,758.94	97.37
			Note: Includes bird screen.		
			For Flange Frame, Add	156.42	
			For Clear Lacquer Finish, Add	312.84	
			For Baked Enamel Standard Colors, Add	469.26	
			For Anodized Finish, Add	625.68	
			For Kynar™ Standard Colors Finish, Add	860.31	
08 91	19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,871.97	100.79
			Note: Includes bird screen.		
			For Flange Frame, Add	167.04	
			For Clear Lacquer Finish, Add	334.08	
			For Baked Enamel Standard Colors, Add	501.12	
			For Anodized Finish, Add	668.16	
			For Kynar™ Standard Colors Finish, Add	918.72	
08 91	19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,982.60	104.21
			Note: Includes bird screen.		
			For Flange Frame, Add	177.42	
			For Clear Lacquer Finish, Add	354.84	
			For Baked Enamel Standard Colors, Add	532.26	
			For Anodized Finish, Add	709.68	
			For Kynar™ Standard Colors Finish, Add	975.81	
08 91	19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,076.44	107.62
			Note: Includes bird screen.		
			For Flange Frame, Add	186.12	
			For Clear Lacquer Finish, Add	372.24	
			For Baked Enamel Standard Colors, Add	558.36	
			For Anodized Finish, Add	744.48	
			For Kynar™ Standard Colors Finish, Add	1,023.66	





<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,232.67	111.03
			<i>For Flange Frame, Add</i>	201.06	
			<i>For Clear Lacquer Finish, Add</i>	402.12	
			<i>For Baked Enamel Standard Colors, Add</i>	603.18	
			<i>For Anodized Finish, Add</i>	804.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,105.83	
08 91	19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	618.86	47.83
			<i>For Flange Frame, Add</i>	52.32	
			<i>For Clear Lacquer Finish, Add</i>	104.64	
			<i>For Baked Enamel Standard Colors, Add</i>	156.96	
			<i>For Anodized Finish, Add</i>	209.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	287.76	
08 91	19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	765.36	58.08
			<i>For Flange Frame, Add</i>	64.92	
			<i>For Clear Lacquer Finish, Add</i>	129.84	
			<i>For Baked Enamel Standard Colors, Add</i>	194.76	
			<i>For Anodized Finish, Add</i>	259.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	357.06	
08 91	19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	892.06	68.33
			<i>For Flange Frame, Add</i>	75.54	
			<i>For Clear Lacquer Finish, Add</i>	151.08	
			<i>For Baked Enamel Standard Colors, Add</i>	226.62	
			<i>For Anodized Finish, Add</i>	302.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	415.47	
08 91	19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,023.69	71.75
			<i>For Flange Frame, Add</i>	88.02	
			<i>For Clear Lacquer Finish, Add</i>	176.04	
			<i>For Baked Enamel Standard Colors, Add</i>	264.06	
			<i>For Anodized Finish, Add</i>	352.08	
			<i>For Kynar™ Standard Colors Finish, Add</i>	484.11	
08 91	19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,198.53	75.16
			<i>For Flange Frame, Add</i>	104.82	
			<i>For Clear Lacquer Finish, Add</i>	209.64	
			<i>For Baked Enamel Standard Colors, Add</i>	314.46	
			<i>For Anodized Finish, Add</i>	419.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	576.51	
08 91	19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,320.56	78.58
			<i>For Flange Frame, Add</i>	116.34	
			<i>For Clear Lacquer Finish, Add</i>	232.68	
			<i>For Baked Enamel Standard Colors, Add</i>	349.02	
			<i>For Anodized Finish, Add</i>	465.36	
			<i>For Kynar™ Standard Colors Finish, Add</i>	639.87	
08 91	19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,438.20	83.70
			<i>For Flange Frame, Add</i>	127.08	
			<i>For Clear Lacquer Finish, Add</i>	254.16	
			<i>For Baked Enamel Standard Colors, Add</i>	381.24	
			<i>For Anodized Finish, Add</i>	508.32	
			<i>For Kynar™ Standard Colors Finish, Add</i>	698.94	
08 91	19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,576.26	88.83
			<i>For Flange Frame, Add</i>	139.86	
			<i>For Clear Lacquer Finish, Add</i>	279.72	
			<i>For Baked Enamel Standard Colors, Add</i>	419.58	
			<i>For Anodized Finish, Add</i>	559.44	
			<i>For Kynar™ Standard Colors Finish, Add</i>	769.23	
08 91	19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,693.31	93.95
			<i>For Flange Frame, Add</i>	150.54	
			<i>For Clear Lacquer Finish, Add</i>	301.08	
			<i>For Baked Enamel Standard Colors, Add</i>	451.62	
			<i>For Anodized Finish, Add</i>	602.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	827.97	
08 91	19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,873.17	100.79
			<i>For Flange Frame, Add</i>	167.16	
			<i>For Clear Lacquer Finish, Add</i>	334.32	
			<i>For Baked Enamel Standard Colors, Add</i>	501.48	
			<i>For Anodized Finish, Add</i>	668.64	
			<i>For Kynar™ Standard Colors Finish, Add</i>	919.38	
08 91	19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,986.02	105.91
			<i>For Flange Frame, Add</i>	177.42	
			<i>For Clear Lacquer Finish, Add</i>	354.84	
			<i>For Baked Enamel Standard Colors, Add</i>	532.26	
			<i>For Anodized Finish, Add</i>	709.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	975.81	

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,105.65	109.33
			Note: Includes bird screen.		
			For Flange Frame, Add	188.70	
			For Clear Lacquer Finish, Add	377.40	
			For Baked Enamel Standard Colors, Add	566.10	
			For Anodized Finish, Add	754.80	
			For Kynar™ Standard Colors Finish, Add	1,037.85	
08 91	19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,227.69	112.74
			Note: Includes bird screen.		
			For Flange Frame, Add	200.22	
			For Clear Lacquer Finish, Add	400.44	
			For Baked Enamel Standard Colors, Add	600.66	
			For Anodized Finish, Add	800.88	
			For Kynar™ Standard Colors Finish, Add	1,101.21	
08 91	19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,333.52	116.16
			Note: Includes bird screen.		
			For Flange Frame, Add	210.12	
			For Clear Lacquer Finish, Add	420.24	
			For Baked Enamel Standard Colors, Add	630.36	
			For Anodized Finish, Add	840.48	
			For Kynar™ Standard Colors Finish, Add	1,155.66	
08 91	19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,507.75	119.58
			Note: Includes bird screen.		
			For Flange Frame, Add	226.86	
			For Clear Lacquer Finish, Add	453.72	
			For Baked Enamel Standard Colors, Add	680.58	
			For Anodized Finish, Add	907.44	
			For Kynar™ Standard Colors Finish, Add	1,247.73	
08 91	19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	653.29	51.25
			Note: Includes bird screen.		
			For Flange Frame, Add	55.08	
			For Clear Lacquer Finish, Add	110.16	
			For Baked Enamel Standard Colors, Add	165.24	
			For Anodized Finish, Add	220.32	
			For Kynar™ Standard Colors Finish, Add	302.94	
08 91	19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	807.00	61.49
			Note: Includes bird screen.		
			For Flange Frame, Add	68.40	
			For Clear Lacquer Finish, Add	136.80	
			For Baked Enamel Standard Colors, Add	205.20	
			For Anodized Finish, Add	273.60	
			For Kynar™ Standard Colors Finish, Add	376.20	
08 91	19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	940.29	71.75
			Note: Includes bird screen.		
			For Flange Frame, Add	79.68	
			For Clear Lacquer Finish, Add	159.36	
			For Baked Enamel Standard Colors, Add	239.04	
			For Anodized Finish, Add	318.72	
			For Kynar™ Standard Colors Finish, Add	438.24	
08 91	19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,083.14	76.87
			Note: Includes bird screen.		
			For Flange Frame, Add	92.94	
			For Clear Lacquer Finish, Add	185.88	
			For Baked Enamel Standard Colors, Add	278.82	
			For Anodized Finish, Add	371.76	
			For Kynar™ Standard Colors Finish, Add	511.17	
08 91	19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,270.58	80.28
			Note: Includes bird screen.		
			For Flange Frame, Add	111.00	
			For Clear Lacquer Finish, Add	222.00	
			For Baked Enamel Standard Colors, Add	333.00	
			For Anodized Finish, Add	444.00	
			For Kynar™ Standard Colors Finish, Add	610.50	
08 91	19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,399.20	83.70
			Note: Includes bird screen.		
			For Flange Frame, Add	123.18	
			For Clear Lacquer Finish, Add	246.36	
			For Baked Enamel Standard Colors, Add	369.54	
			For Anodized Finish, Add	492.72	
			For Kynar™ Standard Colors Finish, Add	677.49	
08 91	19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,524.66	88.83
			Note: Includes bird screen.		
			For Flange Frame, Add	134.70	
			For Clear Lacquer Finish, Add	269.40	
			For Baked Enamel Standard Colors, Add	404.10	
			For Anodized Finish, Add	538.80	
			For Kynar™ Standard Colors Finish, Add	740.85	
08 91	19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,667.09	92.24
			Note: Includes bird screen.		
			For Flange Frame, Add	148.26	
			For Clear Lacquer Finish, Add	296.52	
			For Baked Enamel Standard Colors, Add	444.78	
			For Anodized Finish, Add	593.04	
			For Kynar™ Standard Colors Finish, Add	815.43	



<b>Openings</b>	<b>08</b>
Louvers And Vents	08 90
Louvers	08 91

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,789.54	97.37
			<i>For Flange Frame, Add</i>	159.48	
			<i>For Clear Lacquer Finish, Add</i>	318.96	
			<i>For Baked Enamel Standard Colors, Add</i>	478.44	
			<i>For Anodized Finish, Add</i>	637.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	877.14	
08 91	19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,986.02	105.91
			<i>For Flange Frame, Add</i>	177.42	
			<i>For Clear Lacquer Finish, Add</i>	354.84	
			<i>For Baked Enamel Standard Colors, Add</i>	532.26	
			<i>For Anodized Finish, Add</i>	709.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	975.81	
08 91	19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,110.27	111.03
			<i>For Flange Frame, Add</i>	188.82	
			<i>For Clear Lacquer Finish, Add</i>	377.64	
			<i>For Baked Enamel Standard Colors, Add</i>	566.46	
			<i>For Anodized Finish, Add</i>	755.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,038.51	
08 91	19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,233.51	114.45
			<i>For Flange Frame, Add</i>	200.46	
			<i>For Clear Lacquer Finish, Add</i>	400.92	
			<i>For Baked Enamel Standard Colors, Add</i>	601.38	
			<i>For Anodized Finish, Add</i>	801.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,102.53	
08 91	19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,358.54	117.87
			<i>For Flange Frame, Add</i>	212.28	
			<i>For Clear Lacquer Finish, Add</i>	424.56	
			<i>For Baked Enamel Standard Colors, Add</i>	636.84	
			<i>For Anodized Finish, Add</i>	849.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,167.54	
08 91	19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,475.77	121.28
			<i>For Flange Frame, Add</i>	223.32	
			<i>For Clear Lacquer Finish, Add</i>	446.64	
			<i>For Baked Enamel Standard Colors, Add</i>	669.96	
			<i>For Anodized Finish, Add</i>	893.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,228.26	
08 91	19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,661.40	124.70
			<i>For Flange Frame, Add</i>	241.20	
			<i>For Clear Lacquer Finish, Add</i>	482.40	
			<i>For Baked Enamel Standard Colors, Add</i>	723.60	
			<i>For Anodized Finish, Add</i>	964.80	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,326.60	
08 91	19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	694.93	54.66
			<i>For Flange Frame, Add</i>	58.56	
			<i>For Clear Lacquer Finish, Add</i>	117.12	
			<i>For Baked Enamel Standard Colors, Add</i>	175.68	
			<i>For Anodized Finish, Add</i>	234.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	322.08	
08 91	19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	852.82	64.91
			<i>For Flange Frame, Add</i>	72.30	
			<i>For Clear Lacquer Finish, Add</i>	144.60	
			<i>For Baked Enamel Standard Colors, Add</i>	216.90	
			<i>For Anodized Finish, Add</i>	289.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	397.65	
08 91	19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	989.13	75.16
			<i>For Flange Frame, Add</i>	83.88	
			<i>For Clear Lacquer Finish, Add</i>	167.76	
			<i>For Baked Enamel Standard Colors, Add</i>	251.64	
			<i>For Anodized Finish, Add</i>	335.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	461.34	
08 91	19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,141.58	80.28
			<i>For Flange Frame, Add</i>	98.10	
			<i>For Clear Lacquer Finish, Add</i>	196.20	
			<i>For Baked Enamel Standard Colors, Add</i>	294.30	
			<i>For Anodized Finish, Add</i>	392.40	
			<i>For Kynar™ Standard Colors Finish, Add</i>	539.55	
08 91	19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,339.80	83.70
			<i>For Flange Frame, Add</i>	117.24	
			<i>For Clear Lacquer Finish, Add</i>	234.48	
			<i>For Baked Enamel Standard Colors, Add</i>	351.72	
			<i>For Anodized Finish, Add</i>	468.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	644.82	

**08 Openings****08 90 Louvers And Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,473.84	87.12
			<i>For Flange Frame, Add</i>	129.96	
			<i>For Clear Lacquer Finish, Add</i>	259.92	
			<i>For Baked Enamel Standard Colors, Add</i>	389.88	
			<i>For Anodized Finish, Add</i>	519.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	714.78	
08 91	19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,608.29	92.24
			<i>For Flange Frame, Add</i>	142.38	
			<i>For Clear Lacquer Finish, Add</i>	284.76	
			<i>For Baked Enamel Standard Colors, Add</i>	427.14	
			<i>For Anodized Finish, Add</i>	569.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	783.09	
08 91	19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,759.13	95.66
			<i>For Flange Frame, Add</i>	156.78	
			<i>For Clear Lacquer Finish, Add</i>	313.56	
			<i>For Baked Enamel Standard Colors, Add</i>	470.34	
			<i>For Anodized Finish, Add</i>	627.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	862.29	
08 91	19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,890.57	100.79
			<i>For Flange Frame, Add</i>	168.90	
			<i>For Clear Lacquer Finish, Add</i>	337.80	
			<i>For Baked Enamel Standard Colors, Add</i>	506.70	
			<i>For Anodized Finish, Add</i>	675.60	
			<i>For Kynar™ Standard Colors Finish, Add</i>	928.95	
08 91	19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,099.65	109.33
			<i>For Flange Frame, Add</i>	188.10	
			<i>For Clear Lacquer Finish, Add</i>	376.20	
			<i>For Baked Enamel Standard Colors, Add</i>	564.30	
			<i>For Anodized Finish, Add</i>	752.40	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,034.55	
08 91	19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,229.91	114.45
			<i>For Flange Frame, Add</i>	200.10	
			<i>For Clear Lacquer Finish, Add</i>	400.20	
			<i>For Baked Enamel Standard Colors, Add</i>	600.30	
			<i>For Anodized Finish, Add</i>	800.40	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,100.55	
08 91	19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,366.15	119.58
			<i>For Flange Frame, Add</i>	212.70	
			<i>For Clear Lacquer Finish, Add</i>	425.40	
			<i>For Baked Enamel Standard Colors, Add</i>	638.10	
			<i>For Anodized Finish, Add</i>	850.80	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,169.85	
08 91	19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,491.18	123.00
			<i>For Flange Frame, Add</i>	224.52	
			<i>For Clear Lacquer Finish, Add</i>	449.04	
			<i>For Baked Enamel Standard Colors, Add</i>	673.56	
			<i>For Anodized Finish, Add</i>	898.08	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,234.86	
08 91	19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,616.22	126.41
			<i>For Flange Frame, Add</i>	236.34	
			<i>For Clear Lacquer Finish, Add</i>	472.68	
			<i>For Baked Enamel Standard Colors, Add</i>	709.02	
			<i>For Anodized Finish, Add</i>	945.36	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,299.87	
08 91	19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,813.85	129.82
			<i>For Flange Frame, Add</i>	255.42	
			<i>For Clear Lacquer Finish, Add</i>	510.84	
			<i>For Baked Enamel Standard Colors, Add</i>	766.26	
			<i>For Anodized Finish, Add</i>	1,021.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,404.81	
08 91	19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	728.76	58.08
			<i>For Flange Frame, Add</i>	61.26	
			<i>For Clear Lacquer Finish, Add</i>	122.52	
			<i>For Baked Enamel Standard Colors, Add</i>	183.78	
			<i>For Anodized Finish, Add</i>	245.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	336.93	
08 91	19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	893.26	68.33
			<i>For Flange Frame, Add</i>	75.66	
			<i>For Clear Lacquer Finish, Add</i>	151.32	
			<i>For Baked Enamel Standard Colors, Add</i>	226.98	
			<i>For Anodized Finish, Add</i>	302.64	
			<i>For Kynar™ Standard Colors Finish, Add</i>	416.13	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,043.96 88.68 177.36 266.04 354.72 487.74	78.58
08 91	19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,201.20 103.38 206.76 310.14 413.52 568.59	83.70
08 91	19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,412.04 123.78 247.56 371.34 495.12 680.79	87.12
08 91	19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,553.87 137.28 274.56 411.84 549.12 755.04	90.54
08 91	19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,691.33 150.00 300.00 450.00 600.00 825.00	95.66
08 91	19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,854.16 165.60 331.20 496.80 662.40 910.80	99.08
08 91	19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,992.20 178.38 356.76 535.14 713.52 981.09	104.21
08 91	19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,213.89 198.84 397.68 596.52 795.36 1,093.62	112.74
08 91	19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,348.94 211.32 422.64 633.96 845.28 1,162.26	117.87
08 91	19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,497.18 225.12 450.24 675.36 900.48 1,238.16	123.00
08 91	19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,655.82 240.30 480.60 720.90 961.20 1,321.65	126.41
08 91	19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,798.85 253.92 507.84 761.76 1,015.68 1,396.56	129.82

<b>08</b>	<b>Openings</b>
<b>08 90</b>	<b>Louvers And Vents</b>
<b>08 91</b>	<b>Louvers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,011.49	133.24
			<i>For Flange Frame, Add</i>	274.50	
			<i>For Clear Lacquer Finish, Add</i>	549.00	
			<i>For Baked Enamel Standard Colors, Add</i>	823.50	
			<i>For Anodized Finish, Add</i>	1,098.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,509.75	
08 91	19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	773.21	63.21
			<i>For Flange Frame, Add</i>	64.68	
			<i>For Clear Lacquer Finish, Add</i>	129.36	
			<i>For Baked Enamel Standard Colors, Add</i>	194.04	
			<i>For Anodized Finish, Add</i>	258.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	355.74	
08 91	19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	940.11	73.45
			<i>For Flange Frame, Add</i>	79.32	
			<i>For Clear Lacquer Finish, Add</i>	158.64	
			<i>For Baked Enamel Standard Colors, Add</i>	237.96	
			<i>For Anodized Finish, Add</i>	317.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	436.26	
08 91	19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,096.80	83.70
			<i>For Flange Frame, Add</i>	92.94	
			<i>For Clear Lacquer Finish, Add</i>	185.88	
			<i>For Baked Enamel Standard Colors, Add</i>	278.82	
			<i>For Anodized Finish, Add</i>	371.76	
			<i>For Kynar™ Standard Colors Finish, Add</i>	511.17	
08 91	19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,258.86	88.83
			<i>For Flange Frame, Add</i>	108.12	
			<i>For Clear Lacquer Finish, Add</i>	216.24	
			<i>For Baked Enamel Standard Colors, Add</i>	324.36	
			<i>For Anodized Finish, Add</i>	432.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	594.66	
08 91	19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,484.09	92.24
			<i>For Flange Frame, Add</i>	129.96	
			<i>For Clear Lacquer Finish, Add</i>	259.92	
			<i>For Baked Enamel Standard Colors, Add</i>	389.88	
			<i>For Anodized Finish, Add</i>	519.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	714.78	
08 91	19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,630.73	95.66
			<i>For Flange Frame, Add</i>	143.94	
			<i>For Clear Lacquer Finish, Add</i>	287.88	
			<i>For Baked Enamel Standard Colors, Add</i>	431.82	
			<i>For Anodized Finish, Add</i>	575.76	
			<i>For Kynar™ Standard Colors Finish, Add</i>	791.67	
08 91	19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,770.76	99.08
			<i>For Flange Frame, Add</i>	157.26	
			<i>For Clear Lacquer Finish, Add</i>	314.52	
			<i>For Baked Enamel Standard Colors, Add</i>	471.78	
			<i>For Anodized Finish, Add</i>	629.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	864.93	
08 91	19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,942.59	102.49
			<i>For Flange Frame, Add</i>	173.76	
			<i>For Clear Lacquer Finish, Add</i>	347.52	
			<i>For Baked Enamel Standard Colors, Add</i>	521.28	
			<i>For Anodized Finish, Add</i>	695.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	955.68	
08 91	19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,087.84	107.62
			<i>For Flange Frame, Add</i>	187.26	
			<i>For Clear Lacquer Finish, Add</i>	374.52	
			<i>For Baked Enamel Standard Colors, Add</i>	561.78	
			<i>For Anodized Finish, Add</i>	749.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,029.93	
08 91	19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,322.12	116.16
			<i>For Flange Frame, Add</i>	208.98	
			<i>For Clear Lacquer Finish, Add</i>	417.96	
			<i>For Baked Enamel Standard Colors, Add</i>	626.94	
			<i>For Anodized Finish, Add</i>	835.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,149.39	
08 91	19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,463.17	121.28
			<i>For Flange Frame, Add</i>	222.06	
			<i>For Clear Lacquer Finish, Add</i>	444.12	
			<i>For Baked Enamel Standard Colors, Add</i>	666.18	
			<i>For Anodized Finish, Add</i>	888.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,221.33	



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,624.62 237.18 474.36 711.54 948.72 1,304.49	126.41
08 91	19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,792.85 253.32 506.64 759.96 1,013.28 1,393.26	129.82
08 91	19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,935.71 266.58 533.16 799.74 1,066.32 1,466.19	134.95
08 91	19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	3,160.93 288.42 576.84 865.26 1,153.68 1,586.31	138.37
08 91	19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	811.66 67.50 135.00 202.50 270.00 371.25	68.33
08 91	19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	984.56 82.74 165.48 248.22 330.96 455.07	78.58
08 91	19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,149.06 97.14 194.28 291.42 388.56 534.27	88.83
08 91	19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,320.11 113.22 226.44 339.66 452.88 622.71	93.95
08 91	19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,552.54 135.78 271.56 407.34 543.12 746.79	97.37
08 91	19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,723.77 152.22 304.44 456.66 608.88 837.21	100.79
08 91	19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	1,872.80 166.44 332.88 499.32 665.76 915.42	104.21
08 91	19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar™ Standard Colors Finish, Add</i>	2,036.24 182.10 364.20 546.30 728.40 1,001.55	107.62

**08 Openings****08 90 Louvers And Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,187.67	111.03
			<i>For Flange Frame, Add</i>	196.56	
			<i>For Clear Lacquer Finish, Add</i>	393.12	
			<i>For Baked Enamel Standard Colors, Add</i>	589.68	
			<i>For Anodized Finish, Add</i>	786.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,081.08	
08 91	19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,439.35	119.58
			<i>For Flange Frame, Add</i>	220.02	
			<i>For Clear Lacquer Finish, Add</i>	440.04	
			<i>For Baked Enamel Standard Colors, Add</i>	660.06	
			<i>For Anodized Finish, Add</i>	880.08	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,210.11	
08 91	19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,939.60	124.70
			<i>For Flange Frame, Add</i>	169.02	
			<i>For Clear Lacquer Finish, Add</i>	338.04	
			<i>For Baked Enamel Standard Colors, Add</i>	507.06	
			<i>For Anodized Finish, Add</i>	676.08	
			<i>For Kynar™ Standard Colors Finish, Add</i>	929.61	
08 91	19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,750.25	129.82
			<i>For Flange Frame, Add</i>	249.06	
			<i>For Clear Lacquer Finish, Add</i>	498.12	
			<i>For Baked Enamel Standard Colors, Add</i>	747.18	
			<i>For Anodized Finish, Add</i>	996.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,369.83	
08 91	19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,924.49	133.24
			<i>For Flange Frame, Add</i>	265.80	
			<i>For Clear Lacquer Finish, Add</i>	531.60	
			<i>For Baked Enamel Standard Colors, Add</i>	797.40	
			<i>For Anodized Finish, Add</i>	1,063.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,461.90	
08 91	19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,074.53	138.37
			<i>For Flange Frame, Add</i>	279.78	
			<i>For Clear Lacquer Finish, Add</i>	559.56	
			<i>For Baked Enamel Standard Colors, Add</i>	839.34	
			<i>For Anodized Finish, Add</i>	1,119.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,538.79	
08 91	19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,316.98	143.49
			<i>For Flange Frame, Add</i>	303.00	
			<i>For Clear Lacquer Finish, Add</i>	606.00	
			<i>For Baked Enamel Standard Colors, Add</i>	909.00	
			<i>For Anodized Finish, Add</i>	1,212.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,666.50	
08 91	19 00-0227		<b>Gable Louver Vents</b> (08 91 19) Note: 1" deep, residential/light commercial grade louvers.		
08 91	19 00-0228		<b>Aluminum Gable Louver Vents</b> (08 91 19 00-0227) Note: Includes screen.		
08 91	19 00-0229		<b>Rectangular Aluminum Gable Louver Vents</b> (08 91 19 00-0228) Note: Includes screen.		
08 91	19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	131.66	4.55
08 91	19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	143.78	5.21
08 91	19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	166.02	5.89
08 91	19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	182.29	6.27
08 91	19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	208.64	6.63
08 91	19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	232.83	7.95
08 91	19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	269.11	9.94
08 91	19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	299.35	11.60
08 91	19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	341.68	13.93
08 91	19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	426.33	18.56
08 91	19 00-0240		<b>Square Aluminum Gable Louver Vents</b> (08 91 19 00-0228) Note: Includes screen.		
08 91	19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent.....	120.48	4.18
08 91	19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent.....	149.09	5.31
08 91	19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent.....	187.33	6.27
08 91	19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent.....	238.87	8.29
08 91	19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent.....	305.40	11.93
08 91	19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent.....	383.96	16.24
08 91	19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent.....	474.72	21.22
08 91	19 00-0248		<b>Round Aluminum Gable Louver Vents</b> (08 91 19 00-0228) Note: Includes screen.		
08 91	19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent.....	120.48	4.18
08 91	19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent.....	149.09	5.31





<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers And Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0251	EA		24" Diameter Round Fixed Aluminum Gable Louver Vent.....	187.33	6.27
08 91 19 00-0252	EA		30" Diameter Round Fixed Aluminum Gable Louver Vent.....	238.87	8.29
08 91 19 00-0253	EA		36" Diameter Round Fixed Aluminum Gable Louver Vent.....	305.40	11.93
08 91 19 00-0254	EA		42" Diameter Round Fixed Aluminum Gable Louver Vent.....	384.00	16.25
<b>08 91 19 00-0255      Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228)</b>					
Note: Includes screen.					
08 91 19 00-0256	EA		12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	120.48	4.18
08 91 19 00-0257	EA		12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	131.66	4.55
08 91 19 00-0258	EA		12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	143.78	5.21
08 91 19 00-0259	EA		18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	149.09	5.31
08 91 19 00-0260	EA		18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	166.02	5.89
08 91 19 00-0261	EA		18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	182.29	6.27
08 91 19 00-0262	EA		24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	187.33	6.27
08 91 19 00-0263	EA		24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	208.64	6.63
08 91 19 00-0264	EA		24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	232.83	7.95
08 91 19 00-0265	EA		30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	238.87	8.29
08 91 19 00-0266	EA		30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	269.11	9.94
08 91 19 00-0267	EA		30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	299.35	11.60
08 91 19 00-0268	EA		36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	305.40	11.93
08 91 19 00-0269	EA		36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	341.68	13.93
08 91 19 00-0270	EA		36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	377.96	15.92
08 91 19 00-0271	EA		42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	384.00	16.25
08 91 19 00-0272	EA		42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	426.33	18.56
08 91 19 00-0273	EA		48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	474.72	21.22
<b>08 91 19 00-0274      Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)</b>					
Note: Includes screen.					
08 91 19 00-0275	EA		12" x 12" Round Top Fixed Aluminum Gable Louver Vent.....	120.48	4.18
08 91 19 00-0276	EA		12" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	131.66	4.55
08 91 19 00-0277	EA		12" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	143.78	5.21
08 91 19 00-0278	EA		18" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	149.09	5.31
08 91 19 00-0279	EA		18" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	166.02	5.89
08 91 19 00-0280	EA		18" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	182.29	6.27
08 91 19 00-0281	EA		24" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	187.33	6.27
08 91 19 00-0282	EA		24" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	208.64	6.63
08 91 19 00-0283	EA		24" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	232.83	7.95
08 91 19 00-0284	EA		30" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	238.87	8.29
08 91 19 00-0285	EA		30" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	269.11	9.94
08 91 19 00-0286	EA		30" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	299.35	11.60
08 91 19 00-0287	EA		36" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	305.40	11.93
08 91 19 00-0288	EA		36" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	341.68	13.93
08 91 19 00-0289	EA		36" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	377.96	15.92
08 91 19 00-0290	EA		42" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	384.00	16.25
08 91 19 00-0291	EA		42" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	426.33	18.56
08 91 19 00-0292	EA		48" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	474.72	21.22
<b>08 91 19 00-0293      Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)</b>					
Note: Includes screen.					
08 91 19 00-0294	EA		36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	254.91	5.21
08 91 19 00-0295	EA		36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	288.36	6.27
08 91 19 00-0296	EA		48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	309.67	6.63
08 91 19 00-0297	EA		48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	354.06	7.95
08 91 19 00-0298	EA		48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	395.46	8.29
08 91 19 00-0299	EA		60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	319.62	9.94
08 91 19 00-0300	EA		60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	375.12	11.60
08 91 19 00-0301	EA		60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	426.63	11.93
08 91 19 00-0302	EA		60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	483.11	13.93
08 91 19 00-0303	EA		72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	377.96	15.92
08 91 19 00-0304	EA		72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	439.57	16.25
08 91 19 00-0305	EA		72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	507.16	18.56
08 91 19 00-0306	EA		72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	575.74	21.22
08 91 19 00-0307	EA		72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	645.86	24.39
<b>08 91 19 00-0308      Vinyl Gable Louver Vents (08 91 19 00-0227)</b>					
Note: Includes screen.					
08 91 19 00-0309	EA		12" x 12" Square Fixed Vinyl Gable Louver Vent.....	35.90	4.18
08 91 19 00-0310	EA		12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	43.98	4.55
08 91 19 00-0311	EA		18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	60.39	5.89
08 91 19 00-0312	EA		24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	84.42	6.63
08 91 19 00-0313	EA		18" Diameter Round Fixed Vinyl Gable Louver Vent.....	58.94	5.31
08 91 19 00-0314	EA		22" Diameter Round Fixed Vinyl Gable Louver Vent.....	67.96	6.27
08 91 19 00-0315	EA		30" Diameter Round Fixed Vinyl Gable Louver Vent.....	96.45	8.29
08 91 19 00-0316	EA		36" Diameter Round Fixed Vinyl Gable Louver Vent.....	141.18	11.93
08 91 19 00-0317	EA		18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	58.94	5.31
08 91 19 00-0318	EA		22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	66.86	5.89
08 91 19 00-0319	EA		27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	87.40	6.63

**08 Openings****08 90 Louvers And Vents****08 91 Louvers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	123.48		9.94
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	302.61		15.92
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	57.73		5.21
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	81.23		6.63
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	82.88		7.95
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	199.99		9.94
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	199.99		9.94
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	199.99		9.94
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	199.99		9.94
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	199.99		9.94
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	217.92		15.92
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	217.92		15.92
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	217.92		15.92
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	217.92		15.92
<b>08 95 Vents</b> <small>(08 90)</small>					
<b>08 95 13 Soffit Vents</b> <small>(08 95)</small>					
<b>08 95 13 00-0001 Aluminum Soffit Vents</b> <small>(08 95 13)</small>					
08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	3.92		1.57
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	7.36		3.07
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish.....	11.07		4.10
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish.....	11.32		4.10
<b>08 95 13 00-0006 Vinyl Soffit Vents</b> <small>(08 95 13)</small>					
08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	3.37		1.39
		<i>For Colors, Add</i>	0.06		
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	3.41		1.39
		<i>For Colors, Add</i>	0.06		
<b>08 95 16 Wall Vents</b> <small>(08 95)</small>					
<b>08 95 16 00-0001 Foundation Vents</b> <small>(08 95 16)</small>					
08 95 16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.33		0.10
08 95 16 00-0003	SI	Aluminum Foundation Vent.....	0.34		0.10
08 95 16 00-0004	SI	Stainless Steel Foundation Vent.....	0.88		0.10
08 95 16 00-0005	SI	Plastic Foundation Vent.....	0.23		0.10

**END OF SECTION 08**



<b>Finishes</b>	<b>09</b>	<b>2</b>
Maintenance Of Finishes	09 01	
Maintenance Of Plaster And Gypsum Board 09 01 20		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 09 Finishes

### 09 01 Maintenance Of Finishes (09)

#### 09 01 20 Maintenance Of Plaster And Gypsum Board (09 01)

<b>09 01 20 00-0001</b>	<b>Cut And Patch Hole In Drywall To Match Existing <small>(09 01 20)</small></b> Note: Includes cutting of existing gypsum board, cutting new board to fit opening, finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.	
09 01 20 00-0002	SF Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing ..... Note: Per location.	9.58
09 01 20 00-0003	SF >2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing ..... Note: Per location.	7.78
09 01 20 00-0004	SF >4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing ..... Note: Per location.	7.01
09 01 20 00-0005	SF >8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing ..... Note: Per location.	6.21
09 01 20 00-0006	SF >16 To 32 SF, Cut And Patch Hole In Drywall To Match Existing ..... Note: Per location. See CSI section 09 29 00 00-0001 for "Gypsum Board" repairs > 32 SF.	5.59

#### 09 01 20 00-0007 **Plaster/Stucco Repair (09 01 20)** Note: Per location.

<b>09 01 20 00-0008</b>	<b>Clean And Repair Crack In Plaster/Stucco <small>(09 01 20 00-0007)</small></b> Note: Includes plaster weld.	
09 01 20 00-0009	LF Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco .....	9.12
09 01 20 00-0010	LF >10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco .....	7.32
09 01 20 00-0011	LF >50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco .....	5.97
09 01 20 00-0012	LF >100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco .....	4.62
09 01 20 00-0013	LF >250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco .....	3.73
09 01 20 00-0014	LF >500', Chip, Clean And Repair Crack In Plaster/Stucco .....	2.82

#### 09 01 20 00-0015 **Cut And Patch Hole In Plaster To Match Existing (09 01 20 00-0007)** Note: Includes plaster weld.

09 01 20 00-0016	SF Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing .....	8.81
09 01 20 00-0017	SF >10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing .....	7.81
09 01 20 00-0018	SF >50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing .....	7.21
09 01 20 00-0019	SF >100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing .....	6.70
09 01 20 00-0020	SF >250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing .....	6.27
09 01 20 00-0021	SF >500 SF, Cut And Patch Hole In Plaster To Match Existing .....	5.79

#### 09 01 20 00-0022 **Chip, Clean And Repair Plaster/Stucco (09 01 20 00-0007)** Note: Includes plaster weld.

09 01 20 00-0023	SF Up To 10 SF, Chip, Clean And Repair Plaster/Stucco .....	16.51
09 01 20 00-0024	SF >10 To 50 SF, Chip, Clean And Repair Plaster/Stucco .....	12.02
09 01 20 00-0025	SF >50 To 250 SF, Chip, Clean And Repair Plaster/Stucco .....	8.87
09 01 20 00-0026	SF >250 SF, Chip, Clean And Repair Plaster/Stucco .....	7.08

### 09 01 30 Maintenance of Tiling (09 01)

#### 09 01 30 91 **Tile Restoration (09 01 30)**

09 01 30 91-0001	SF Regrout Floor Tile Including Removal Of Loose Grout .....	3.69
09 01 30 91-0002	SF Regrout Wall Tile Including Removal Of Loose Grout .....	4.60
09 01 30 91-0003	SF Up To 1 SF, Cut And Patch Hole In Tile To Match Existing ..... Note: Per location.	25.25

### 09 01 60 Maintenance Of Flooring (09 01)

#### 09 01 60 00-0001 **Grinding, Polishing And Sealing Terrazzo (09 01 60)**

09 01 60 00-0002	CSF Grinding, Polishing And Sealing Existing Terrazzo .....	151.72
09 01 60 00-0003	SF Remove Setting Bed And Clean Area For Terrazzo Repair .....	2.24
09 01 60 00-0004	SF Repair Existing Terrazzo .....	11.78
09 01 60 00-0005	LF Repair Cracks In Existing Terrazzo .....	2.42

#### 09 01 60 00-0006 **Standard Flooring Maintenance (09 01 60)**

09 01 60 00-0007	CSF Steam Clean Carpet .....	10.49
09 01 60 00-0008	CSF Wax And Polish Tile..... <i>For Additional Coat, Add</i>	23.00 19.38
09 01 60 00-0009	CSF Wax And Polish Wood..... <i>For Additional Coat, Add</i>	14.64 13.03
09 01 60 00-0010	MSF Vacuum Floors.....	11.20

8	<b>09 Finishes</b>
	<b>09 01 Maintenance Of Finishes</b>
	<b>09 01 60 Maintenance Of Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>09 01 60 00-0011</b>	<b>Prepare Existing Concrete Floor Prior To Installation Of Carpet</b> <small>(09 01 60)</small>		
09 01 60 00-0012	SY Grinding Of Existing Concrete Floor Prior To Installation Of Carpet.....	6.71	
09 01 60 00-0013	SY Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet.....	3.73	
<b>09 01 60 00-0014</b>	<b>Masonry/Tile/Stone/Terrazzo Floor Sealants</b> <small>(09 01 60)</small>		
09 01 60 00-0015	SF Water-Based Emulsion Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat..... Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	0.69	
09 01 60 00-0016	SF Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant.....	0.74	
09 01 60 00-0017	GAL Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	36.12	

**09 20 Plaster And Gypsum Board** (09)

**09 22 Supports For Plaster And Gypsum Board** (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

**09 22 13 Metal Furring** (09 22)

<b>09 22 13 00-0001</b>	<b>Hat Furring Channel</b> <small>(09 22 13)</small>		
	Note: Includes clips where required.		
<b>09 22 13 00-0002</b>	<b>Installed On Walls, Hat Furring Channel</b> <small>(09 22 13 00-0001)</small>		
09 22 13 00-0003	SF 7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.96 0.22 -0.25 0.32 0.25 0.54	0.74
09 22 13 00-0004	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	2.16 0.22 -0.29 0.36 0.35 0.68	0.74
<b>09 22 13 00-0005</b>	<b>Installed On Columns And Beams, Hat Furring Channel</b> <small>(09 22 13 00-0001)</small>		
09 22 13 00-0006	SF 7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	2.76 0.45 -0.33 0.44 0.25 0.66	1.14
09 22 13 00-0007	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	2.96 0.45 -0.37 0.48 0.35 0.80	1.14
<b>09 22 13 00-0008</b>	<b>Installed On Ceilings, Hat Furring Channel</b> <small>(09 22 13 00-0001)</small>		
09 22 13 00-0009	SF 7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel..... <i>For Ceilings &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	2.64 0.27 -0.35 0.44 0.41 0.81	0.91
09 22 13 00-0010	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel..... <i>For Ceilings &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	2.83 0.27 -0.38 0.48 0.51 0.94	0.91
<b>09 22 13 00-0011</b>	<b>Z Furring Channel</b> <small>(09 22 13)</small>		
<b>09 22 13 00-0012</b>	<b>Installed On Walls, Z Furring Channel</b> <small>(09 22 13 00-0011)</small>		
09 22 13 00-0013	SF 1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.63 0.22 -0.18 0.25 0.08 0.33	0.74
09 22 13 00-0014	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.66 0.22 -0.19 0.26 0.10 0.35	0.74



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Supports For Plaster And Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 00-0015 SF 2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel ..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.69 0.22 -0.19 0.26 0.11 0.37	0.74
09 22 13 00-0016 SF 2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel ..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.71 0.22 -0.20 0.27 0.12 0.38	0.74
09 22 13 00-0017 SF 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel ..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 22 Gauge, Add</i> <i>For 20 Gauge, Add</i>	1.73 0.22 -0.20 0.27 0.13 0.39	0.74
<b>09 22 13 00-0018 Single-Leg Resilient Channel, RC1 Furring Channel</b> (09 22 13) Note: Includes clips where required.		
<b>09 22 13 00-0019 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel</b> (09 22 13 00-0018)		
09 22 13 00-0020 SF 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 20 Gauge, Add</i>	1.80 0.22 -0.21 0.29 0.44	0.74
<b>09 22 13 00-0021 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel</b> (09 22 13 00-0018)		
09 22 13 00-0022 SF 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel..... <i>For Ceilings &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 20 Gauge, Add</i>	2.15 0.27 -0.25 0.34 0.49	0.91
<b>09 22 13 00-0023 Double-Leg Resilient Channel, RC2 Furring Channel</b> (09 22 13) Note: Includes clips where required.		
<b>09 22 13 00-0024 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel</b> (09 22 13 00-0023)		
09 22 13 00-0025 SF 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel ..... <i>For Walls &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 20 Gauge, Add</i>	1.93 0.22 -0.24 0.31 0.52	0.74
<b>09 22 13 00-0026 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel</b> (09 22 13 00-0023)		
09 22 13 00-0027 SF 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel ..... <i>For Ceilings &gt;10' High, Add</i> <i>For 24" On Center, Deduct</i> <i>For 12" On Center, Add</i> <i>For 20 Gauge, Add</i>	2.28 0.27 -0.27 0.37 0.58	0.91
<b>09 22 16 Non-Structural Metal Framing</b> (09 22) Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
<b>09 22 16 13 Non-Structural Metal Stud Framing</b> (09 22 16)		
<b>09 22 16 13-0001 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners</b> (09 22 16 13)		
09 22 16 13-0002 SF 1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners..... <i>For Walls &gt;10' High, Add</i> <i>For Soffit, Columns Or Beams Up To 10' High, Add</i> <i>For Soffit, Columns Or Beams &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Curved Wall, Add</i> <i>For 12" On Center, Add</i> <i>For 24" On Center, Deduct</i> <i>For Up To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.31 0.26 0.75 0.98 0.25 0.32 0.23 0.22 -0.22 0.42 0.21	0.31

<b>09</b>	<b>Finishes</b>
<b>09 20</b>	<b>Plaster And Gypsum Board</b>
<b>09 22</b>	<b>Supports For Plaster And Gypsum Board</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.40		0.32
		For Walls >10' High, Add	0.28		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.79		
		For Soffit, Columns Or Beams >10' High, Add	1.03		
		For Horizontal Installation Up To 10' High, Add	0.26		
		For Horizontal Installation >10' High, Add	0.34		
		For Curved Wall, Add	0.24		
		For 12" On Center, Add	0.24		
		For 24" On Center, Deduct	-0.24		
		For Up To 200, Add	0.44		
		For >200 To 500, Add	0.22		
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.55		0.33
		For Walls >10' High, Add	0.31		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.84		
		For Soffit, Columns Or Beams >10' High, Add	1.09		
		For Horizontal Installation Up To 10' High, Add	0.28		
		For Horizontal Installation >10' High, Add	0.37		
		For Curved Wall, Add	0.26		
		For 12" On Center, Add	0.27		
		For 24" On Center, Deduct	-0.27		
		For Up To 200, Add	0.48		
		For >200 To 500, Add	0.24		
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.66		0.35
		For Walls >10' High, Add	0.33		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.88		
		For Soffit, Columns Or Beams >10' High, Add	1.15		
		For Horizontal Installation Up To 10' High, Add	0.30		
		For Horizontal Installation >10' High, Add	0.39		
		For Curved Wall, Add	0.27		
		For 12" On Center, Add	0.29		
		For 24" On Center, Deduct	-0.29		
		For Up To 200, Add	0.51		
		For >200 To 500, Add	0.26		
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.87		0.37
		For Walls >10' High, Add	0.37		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.93		
		For Soffit, Columns Or Beams >10' High, Add	1.21		
		For Horizontal Installation Up To 10' High, Add	0.33		
		For Horizontal Installation >10' High, Add	0.42		
		For Curved Wall, Add	0.28		
		For 12" On Center, Add	0.33		
		For 24" On Center, Deduct	-0.33		
		For Up To 200, Add	0.56		
		For >200 To 500, Add	0.28		
09 22 16 13-0007		<b>20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners</b> (09 22 16 13)			
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.51		0.31
		For Walls >10' High, Add	0.30		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.78		
		For Soffit, Columns Or Beams >10' High, Add	1.02		
		For Horizontal Installation Up To 10' High, Add	0.27		
		For Horizontal Installation >10' High, Add	0.35		
		For Curved Wall, Add	0.24		
		For 12" On Center, Add	0.26		
		For 24" On Center, Deduct	-0.26		
		For Up To 200, Add	0.46		
		For >200 To 500, Add	0.23		
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.68		0.33
		For Walls >10' High, Add	0.34		
		For Soffit, Columns Or Beams Up To 10' High, Add	0.83		
		For Soffit, Columns Or Beams >10' High, Add	1.08		
		For Horizontal Installation Up To 10' High, Add	0.29		
		For Horizontal Installation >10' High, Add	0.38		
		For Curved Wall, Add	0.25		
		For 12" On Center, Add	0.29		
		For 24" On Center, Deduct	-0.29		
		For Up To 200, Add	0.50		
		For >200 To 500, Add	0.25		



<b>Finishes</b>	<b>09</b>	<b>2</b>
Plaster And Gypsum Board	09 20	
Supports For Plaster And Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0010 SF 3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	1.87	0.34
For Walls >10' High, Add	0.37	
For Soffit, Columns Or Beams Up To 10' High, Add	0.88	
For Soffit, Columns Or Beams >10' High, Add	1.14	
For Horizontal Installation Up To 10' High, Add	0.32	
For Horizontal Installation >10' High, Add	0.40	
For Curved Wall, Add	0.26	
For 12" On Center, Add	0.33	
For 24" On Center, Deduct	-0.33	
For Up To 200, Add	0.55	
For >200 To 500, Add	0.27	
09 22 16 13-0011 SF 4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.00	0.36
For Walls >10' High, Add	0.40	
For Soffit, Columns Or Beams Up To 10' High, Add	0.93	
For Soffit, Columns Or Beams >10' High, Add	1.20	
For Horizontal Installation Up To 10' High, Add	0.34	
For Horizontal Installation >10' High, Add	0.43	
For Curved Wall, Add	0.27	
For 12" On Center, Add	0.35	
For 24" On Center, Deduct	-0.35	
For Up To 200, Add	0.58	
For >200 To 500, Add	0.29	
09 22 16 13-0012 SF 6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.90	0.38
For Walls >10' High, Add	0.58	
For Soffit, Columns Or Beams Up To 10' High, Add	1.06	
For Soffit, Columns Or Beams >10' High, Add	1.35	
For Horizontal Installation Up To 10' High, Add	0.43	
For Horizontal Installation >10' High, Add	0.53	
For Curved Wall, Add	0.29	
For 12" On Center, Add	0.53	
For 24" On Center, Deduct	-0.53	
For Up To 200, Add	0.77	
For >200 To 500, Add	0.39	
<b>09 22 16 13-0013 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners</b> <small>(09 22 16 13)</small>		
09 22 16 13-0014 SF 2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.02	0.33
For Walls >10' High, Add	0.40	
For Soffit, Columns Or Beams Up To 10' High, Add	0.88	
For Soffit, Columns Or Beams >10' High, Add	1.14	
For Horizontal Installation Up To 10' High, Add	0.33	
For Horizontal Installation >10' High, Add	0.41	
For Curved Wall, Add	0.26	
For 12" On Center, Add	0.36	
For 24" On Center, Deduct	-0.36	
For Up To 200, Add	0.57	
For >200 To 500, Add	0.29	
09 22 16 13-0015 SF 3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.66	0.35
For Walls >10' High, Add	0.53	
For Soffit, Columns Or Beams Up To 10' High, Add	0.98	
For Soffit, Columns Or Beams >10' High, Add	1.25	
For Horizontal Installation Up To 10' High, Add	0.40	
For Horizontal Installation >10' High, Add	0.49	
For Curved Wall, Add	0.27	
For 12" On Center, Add	0.49	
For 24" On Center, Deduct	-0.49	
For Up To 200, Add	0.71	
For >200 To 500, Add	0.36	
09 22 16 13-0016 SF 4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.91	0.37
For Walls >10' High, Add	0.58	
For Soffit, Columns Or Beams Up To 10' High, Add	1.04	
For Soffit, Columns Or Beams >10' High, Add	1.31	
For Horizontal Installation Up To 10' High, Add	0.43	
For Horizontal Installation >10' High, Add	0.52	
For Curved Wall, Add	0.28	
For 12" On Center, Add	0.54	
For 24" On Center, Deduct	-0.54	
For Up To 200, Add	0.77	
For >200 To 500, Add	0.38	

**09 Finishes**  
**09 20 Plaster And Gypsum Board**  
**09 22 Supports For Plaster And Gypsum Board**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		3.89	0.39
		<i>For Walls &gt;10' High, Add</i>		0.78	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.17	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.47	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.54	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.63	
		<i>For Curved Wall, Add</i>		0.29	
		<i>For 12" On Center, Add</i>		0.73	
		<i>For 24" On Center, Deduct</i>		-0.73	
		<i>For Up To 200, Add</i>		0.97	
		<i>For &gt;200 To 500, Add</i>		0.49	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		4.26	0.41
		<i>For Walls &gt;10' High, Add</i>		0.85	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.25	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.56	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.58	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.68	
		<i>For Curved Wall, Add</i>		0.31	
		<i>For 12" On Center, Add</i>		0.80	
		<i>For 24" On Center, Deduct</i>		-0.80	
		<i>For Up To 200, Add</i>		1.06	
		<i>For &gt;200 To 500, Add</i>		0.53	
09 22 16 13-0019		<b>16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners</b> <small>(09 22 16 13)</small>			
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		2.60	0.34
		<i>For Walls &gt;10' High, Add</i>		0.52	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		0.96	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.22	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.39	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.48	
		<i>For Curved Wall, Add</i>		0.26	
		<i>For 12" On Center, Add</i>		0.48	
		<i>For 24" On Center, Deduct</i>		-0.48	
		<i>For Up To 200, Add</i>		0.69	
		<i>For &gt;200 To 500, Add</i>		0.35	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		3.10	0.36
		<i>For Walls &gt;10' High, Add</i>		0.62	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.04	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.31	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.45	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.54	
		<i>For Curved Wall, Add</i>		0.27	
		<i>For 12" On Center, Add</i>		0.57	
		<i>For 24" On Center, Deduct</i>		-0.57	
		<i>For Up To 200, Add</i>		0.80	
		<i>For &gt;200 To 500, Add</i>		0.40	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		3.28	0.38
		<i>For Walls &gt;10' High, Add</i>		0.66	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.10	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.38	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.47	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.57	
		<i>For Curved Wall, Add</i>		0.29	
		<i>For 12" On Center, Add</i>		0.61	
		<i>For 24" On Center, Deduct</i>		-0.61	
		<i>For Up To 200, Add</i>		0.85	
		<i>For &gt;200 To 500, Add</i>		0.42	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....		4.22	0.40
		<i>For Walls &gt;10' High, Add</i>		0.84	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.22	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>		1.52	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.57	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.67	
		<i>For Curved Wall, Add</i>		0.30	
		<i>For 12" On Center, Add</i>		0.79	
		<i>For 24" On Center, Deduct</i>		-0.79	
		<i>For Up To 200, Add</i>		1.04	
		<i>For &gt;200 To 500, Add</i>		0.52	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Supports For Plaster And Gypsum Board	09 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0024 SF 8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	4.67	0.42
For Walls >10' High, Add	0.93	
For Soffit, Columns Or Beams Up To 10' High, Add	1.31	
For Soffit, Columns Or Beams >10' High, Add	1.62	
For Horizontal Installation Up To 10' High, Add	0.62	
For Horizontal Installation >10' High, Add	0.73	
For Curved Wall, Add	0.32	
For 12" On Center, Add	0.88	
For 24" On Center, Deduct	-0.88	
For Up To 200, Add	1.14	
For >200 To 500, Add	0.57	
<b>09 22 36 Lath (09 22)</b>		
<b>09 22 36 13 Gypsum Lath (09 22 36)</b>		
<b>09 22 36 13-0001 Plaster Base Gypsum Panels (09 22 36 13)</b>		
09 22 36 13-0002 SF 3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	0.68	0.20
For Walls >10' High, Add	0.05	
For Up To 100, Add	0.21	
For >100 To 500, Add	0.10	
For >5,000, Deduct	-0.04	
09 22 36 13-0003 SF 1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	0.97	0.23
For Walls >10' High, Add	0.06	
For Up To 100, Add	0.24	
For >100 To 500, Add	0.12	
For >5,000, Deduct	-0.05	
09 22 36 13-0004 SF 5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.27	0.27
For Walls >10' High, Add	0.07	
For Up To 100, Add	0.27	
For >100 To 500, Add	0.14	
For >5,000, Deduct	-0.05	
09 22 36 13-0005 SF 3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	0.85	0.28
For Ceilings >10' High, Add	0.09	
For Up To 100, Add	0.29	
For >100 To 500, Add	0.15	
For >5,000, Deduct	-0.06	
09 22 36 13-0006 SF 1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.17	0.33
For Ceilings >10' High, Add	0.10	
For Up To 100, Add	0.34	
For >100 To 500, Add	0.17	
For >5,000, Deduct	-0.07	
09 22 36 13-0007 SF 5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.49	0.38
For Ceilings >10' High, Add	0.11	
For Up To 100, Add	0.38	
For >100 To 500, Add	0.19	
For >5,000, Deduct	-0.08	
09 22 36 13-0008 SF 3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.01	0.36
For Columns And Beams >10' High, Add	0.11	
For Up To 100, Add	0.37	
For >100 To 500, Add	0.19	
For >5,000, Deduct	-0.07	
09 22 36 13-0009 SF 1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.35	0.42
For Columns And Beams >10' High, Add	0.13	
For Up To 100, Add	0.43	
For >100 To 500, Add	0.21	
For >5,000, Deduct	-0.09	
09 22 36 13-0010 SF 5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.70	0.49
For Columns And Beams >10' High, Add	0.15	
For Up To 100, Add	0.49	
For >100 To 500, Add	0.24	
For >5,000, Deduct	-0.10	
<b>09 22 36 13-0011 Firestop Plaster Base Gypsum Panels (09 22 36 13)</b>		
09 22 36 13-0012 SF 3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	1.01	0.20
For Walls >10' High, Add	0.05	
For Up To 100, Add	0.21	
For >100 To 500, Add	0.10	
For >5,000, Deduct	-0.04	
09 22 36 13-0013 SF 1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	1.17	0.23
For Walls >10' High, Add	0.06	
For Up To 100, Add	0.24	
For >100 To 500, Add	0.12	
For >5,000, Deduct	-0.05	
09 22 36 13-0014 SF 3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	1.18	0.28
For Ceilings >10' High, Add	0.09	
For Up To 100, Add	0.29	
For >100 To 500, Add	0.15	
For >5,000, Deduct	-0.06	

**09 Finishes**

**09 20 Plaster And Gypsum Board**

**09 22 Supports For Plaster And Gypsum Board**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0015	SF		1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	1.37	0.33
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 13-0016	SF		3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	1.34	0.36
			<i>For Columns And Beams &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 13-0017	SF		1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	1.55	0.42
			<i>For Columns And Beams &gt;10' High, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 500, Add</i>	0.21	
			<i>For &gt;5,000, Deduct</i>	-0.09	
<b>09 22 36 13-0018</b>			<b>Foil Back Plaster Base Gypsum Panels</b> (09 22 36 13)		
09 22 36 13-0019	SF		3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	1.01	0.20
			<i>For Walls &gt;10' High, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.21	
			<i>For &gt;100 To 500, Add</i>	0.10	
			<i>For &gt;5,000, Deduct</i>	-0.04	
09 22 36 13-0020	SF		1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	1.17	0.23
			<i>For Walls &gt;10' High, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 500, Add</i>	0.12	
			<i>For &gt;5,000, Deduct</i>	-0.05	
09 22 36 13-0021	SF		3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	1.18	0.28
			<i>For Ceilings &gt;10' High, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.29	
			<i>For &gt;100 To 500, Add</i>	0.15	
			<i>For &gt;5,000, Deduct</i>	-0.06	
09 22 36 13-0022	SF		1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	1.37	0.33
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 13-0023	SF		3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	1.34	0.36
			<i>For Columns And Beams &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 500, Add</i>	0.19	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 13-0024	SF		1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	1.55	0.42
			<i>For Columns And Beams &gt;10' High, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 500, Add</i>	0.21	
			<i>For &gt;5,000, Deduct</i>	-0.09	
<b>09 22 36 23</b>			<b>Metal Lath</b> (09 22 36)		
<b>09 22 36 23-0001</b>			<b>Flat Diamond, Expanded Metal Lath</b> (09 22 36 23)		
09 22 36 23-0002	SF		1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	1.12	0.28
			<i>For Walls &gt;10' High, Add</i>	0.08	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 500, Add</i>	0.16	
			<i>For &gt;5,000, Deduct</i>	-0.06	
09 22 36 23-0003	SF		2.0 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	1.18	0.28
			<i>For Walls &gt;10' High, Add</i>	0.08	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 500, Add</i>	0.16	
			<i>For &gt;5,000, Deduct</i>	-0.06	
09 22 36 23-0004	SF		2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	1.25	0.28
			<i>For Walls &gt;10' High, Add</i>	0.08	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 500, Add</i>	0.16	
			<i>For &gt;5,000, Deduct</i>	-0.06	
09 22 36 23-0005	SF		3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	1.45	0.30
			<i>For Walls &gt;10' High, Add</i>	0.09	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 23-0006	SF		1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	1.20	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Supports For Plaster And Gypsum Board	09 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0007	SF		2.0 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath..... <i>For Ceilings &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.26 0.11 0.06 0.36 0.18 -0.07	0.32
09 22 36 23-0008	SF		2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath..... <i>For Ceilings &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.33 0.11 0.06 0.36 0.18 -0.07	0.32
09 22 36 23-0009	SF		3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath..... <i>For Ceilings &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.49 0.11 0.06 0.36 0.18 -0.07	0.32
09 22 36 23-0010	SF		1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.56 0.15 0.06 0.51 0.25 -0.10	0.45
09 22 36 23-0011	SF		2.0 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.62 0.15 0.06 0.51 0.25 -0.10	0.45
09 22 36 23-0012	SF		2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.69 0.15 0.06 0.51 0.25 -0.10	0.45
09 22 36 23-0013	SF		3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	2.10 0.19 0.06 0.63 0.32 -0.13	0.58
<b>09 22 36 23-0014</b>			<b>Self Furring, Flat Diamond, Expanded Metal Lath</b> <small>(09 22 36 23)</small>		
09 22 36 23-0015	SF		1.75 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Walls &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.16 0.09 0.06 0.34 0.17 -0.07	0.30
09 22 36 23-0016	SF		2.0 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Walls &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.22 0.09 0.06 0.34 0.17 -0.07	0.30
09 22 36 23-0017	SF		2.5 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Walls &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.29 0.09 0.06 0.34 0.17 -0.07	0.30
09 22 36 23-0018	SF		3.4 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Walls &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.45 0.09 0.06 0.34 0.17 -0.07	0.30
09 22 36 23-0019	SF		1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.81 0.19 0.06 0.63 0.32 -0.13	0.58
09 22 36 23-0020	SF		2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams &gt;10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	1.87 0.19 0.06 0.63 0.32 -0.13	0.58

<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster And Gypsum Board</b>
	<b>09 22 Supports For Plaster And Gypsum Board</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0021	SF		2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	1.94	0.58
			<i>For Columns And Beams &gt;10' High, Add</i>	0.19	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 500, Add</i>	0.32	
			<i>For &gt;5,000, Deduct</i>	-0.13	
09 22 36 23-0022	SF		3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.28	0.66
			<i>For Columns And Beams &gt;10' High, Add</i>	0.22	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 500, Add</i>	0.36	
			<i>For &gt;5,000, Deduct</i>	-0.14	
<b>09 22 36 23-0023</b>			<b>High Rib Metal Lath</b> <small>(09 22 36 23)</small>		
09 22 36 23-0024	SF		2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath.....	1.38	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 23-0025	SF		3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath.....	1.47	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 23-0026	SF		3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath.....	1.53	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 23-0027	SF		4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath.....	1.64	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
<b>09 22 36 33</b>			<b>Fiberglass Lath</b> <small>(09 22 36)</small>		
<b>09 22 36 33-0001</b>			<b>Non-Metallic, Fiberglass Lath</b> <small>(09 22 36 33)</small>		
09 22 36 33-0002	SF		1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	1.53	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 33-0003	SF		1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	1.65	0.32
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 500, Add</i>	0.18	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 33-0004	SF		1/8" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath.....	1.49	0.30
			<i>For Walls &gt;10' High, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;5,000, Deduct</i>	-0.07	
09 22 36 33-0005	SF		1/4" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath.....	1.61	0.30
			<i>For Walls &gt;10' High, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;5,000, Deduct</i>	-0.07	
<b>09 23</b>			<b>Gypsum Plastering</b> <small>(09 20)</small>		
<b>09 23 13</b>			<b>Acoustical Gypsum Plastering</b> <small>(09 23)</small>		
			Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.		
<b>09 23 13 00-0001</b>			<b>Casing And Corner Beads</b> <small>(09 23 13)</small>		
09 23 13 00-0002	LF		Galvanized Expanded Flange Casing Bead For Plaster Applications.....	1.94	0.45
09 23 13 00-0003	LF		Zinc Expanded Flange Casing Bead For Plaster Applications.....	1.95	0.45
09 23 13 00-0004	LF		Vinyl Expanded Flange Casing Bead For Plaster Applications.....	2.16	0.45
09 23 13 00-0005	LF		Galvanized Corner Bead For Plaster Applications.....	1.85	0.45
09 23 13 00-0006	LF		Vinyl Corner Bead For Plaster Applications.....	1.89	0.45
<b>09 23 13 00-0007</b>			<b>Trim</b> <small>(09 23 13)</small>		
09 23 13 00-0008	LF		Galvanized "J" Trim For Plaster Applications.....	2.05	0.45
			<i>For Vinyl Instead Of Galvanized, Add</i>	0.13	
			<i>For Zinc Instead Of Galvanized, Add</i>	0.89	
09 23 13 00-0009	LF		Galvanized "L" Trim For Plaster Applications.....	2.05	0.45
			<i>For Vinyl Instead Of Galvanized, Add</i>	0.13	
			<i>For Zinc Instead Of Galvanized, Add</i>	0.89	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Plaster And Gypsum Board	09 20	
Gypsum Plastering	09 23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0010 LF Galvanized "U" Trim For Plaster Applications..... <i>For Vinyl Instead Of Galvanized, Add</i> <i>For Zinc Instead Of Galvanized, Add</i>	2.05 0.13 0.89	0.45
<b>09 23 13 00-0011 Plaster Forms And Expansion Joints (09 23 13)</b>		
09 23 13 00-0012 LF 3/4" Galvanized Expansion Joint For Plaster Applications.....	2.40	0.45
<b>09 23 13 00-0013 One Skim Coat Gypsum Plaster On Walls (09 23 13)</b>		
09 23 13 00-0014 SF Skim Coat One Coat Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	0.73 0.05 0.08 0.15 0.16 0.23 0.25 0.13 -0.10	
09 23 13 00-0015 SF For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	0.53 0.04 0.05 0.11 0.11 0.17 0.18 0.09 -0.07	
<b>09 23 13 00-0016 Two Coats Gypsum Plaster On Walls (09 23 13)</b>		
09 23 13 00-0017 SF Smooth Finish Two Coats Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	3.16 0.27 0.41 0.82 0.85 1.26 1.37 0.69 -0.55	1.67
09 23 13 00-0018 SF Sand Aggregate Two Coats Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	3.30 0.26 0.39 0.77 0.80 1.18 1.29 0.64 -0.51	1.57
09 23 13 00-0019 SF Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	3.67 0.26 0.39 0.77 0.80 1.18 1.29 0.64 -0.51	1.57
<b>09 23 13 00-0020 Three Coats Gypsum Plaster On Walls (09 23 13)</b>		
09 23 13 00-0021 SF Smooth Finish Three Coats Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	3.87 0.33 0.49 0.98 1.01 1.50 1.64 0.82 -0.65	2.02
09 23 13 00-0022 SF Sand Aggregate Three Coats Gypsum Plaster On Walls ..... <i>For Walls &gt;10' High, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Columns Or Beams Up To 10' High, Add</i> <i>For Columns Or Beams &gt;10' High, Add</i> <i>For &lt;100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;5,000, Deduct</i>	3.96 0.30 0.46 0.91 0.94 1.40 1.52 0.76 -0.61	1.84

**09 Finishes**  
**09 20 Plaster And Gypsum Board**  
**09 23 Gypsum Plastering**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0023	SF		Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls .....	3.72	1.84
			<i>For Walls &gt;10' High, Add</i>	0.30	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.45	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.91	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.94	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.39	
			<i>For &lt;100, Add</i>	1.51	
			<i>For &gt;100 To 500, Add</i>	0.76	
			<i>For &gt;5,000, Deduct</i>	-0.60	
09 23 13 00-0024			<b>Keene's Cement Plaster, Quick Setting, White Hard Plaster</b> (09 23 13) Note: Used for areas with higher than normal moisture.		
09 23 13 00-0025	SF		1 Coat Keene's Cement Plaster On Walls .....	2.45	1.13
			<i>For Walls &gt;10' High, Add</i>	0.18	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.27	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.54	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.56	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.83	
			<i>For &lt;100, Add</i>	0.90	
			<i>For &gt;100 To 500, Add</i>	0.45	
			<i>For &gt;5,000, Deduct</i>	-0.36	
09 23 13 00-0026	SF		2 Coat Keene's Cement Plaster On Walls .....	3.66	1.76
			<i>For Walls &gt;10' High, Add</i>	0.28	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.43	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.85	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.88	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.31	
			<i>For &lt;100, Add</i>	1.42	
			<i>For &gt;100 To 500, Add</i>	0.71	
			<i>For &gt;5,000, Deduct</i>	-0.57	
09 23 13 00-0027	SF		3 Coat Keene's Cement Plaster On Walls .....	4.15	1.98
			<i>For Walls &gt;10' High, Add</i>	0.32	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.48	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.97	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.00	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.48	
			<i>For &lt;100, Add</i>	1.61	
			<i>For &gt;100 To 500, Add</i>	0.81	
			<i>For &gt;5,000, Deduct</i>	-0.64	
09 23 13 00-0028			<b>Plaster Bonding Agent</b> (09 23 13)		
09 23 13 00-0029	SF		1 Coat, Brush/Roller Plaster Bonding Agent .....	0.36	
			<i>For Walls &gt;10' High, Add</i>	0.03	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.08	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.12	
			<i>For Ceiling Application Up To 10' High, Add</i>	0.03	
			<i>For Ceiling Application &gt;10' High, Add</i>	0.06	
09 24			<b>Cement Plastering</b> (09 20)		
09 24 23			<b>Cement Stucco</b> (09 24) Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.		
09 24 23 00-0001			<b>Stucco</b> (09 24 23) Note: Excludes wall scaffolding or lifting equipment.		
09 24 23 00-0002	SF		Three Coat Troweled Stucco, Scratch/Brown/Finish .....	4.53	1.39
			Note: Excludes lath and felt. Interior or exterior, one side.		
			<i>For Walls &gt;10' High, Add</i>	0.38	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.57	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.14	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.18	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.75	
			<i>For Color Added To Finish Coat, Add</i>	0.15	
			<i>For Smooth Float Finish, Add</i>	0.80	
			<i>For &lt;100, Add</i>	1.91	
			<i>For &gt;100 To 500, Add</i>	0.95	
			<i>For &gt;5,000, Deduct</i>	-0.76	
09 24 23 00-0003	SF		Two Coat Troweled Stucco, Scratch/Brown .....	2.02	0.67
			Note: Excludes lath and felt. Interior or exterior, one side.		
			<i>For Walls &gt;10' High, Add</i>	0.14	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.21	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.42	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.43	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.64	
			<i>For &lt;100, Add</i>	0.70	
			<i>For &gt;100 To 500, Add</i>	0.35	
			<i>For &gt;5,000, Deduct</i>	-0.28	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Cement Plastering	09 24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 23 00-0004	SF		Two Coat Troweled Stucco, Scratch/Finish..... Note: Excludes lath and felt. Interior or exterior, one side.	2.99	0.67
			<i>For Walls &gt;10' High, Add</i>	0.25	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.37	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.74	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.77	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.14	
			<i>For Color Added To Finish Coat, Add</i>	0.15	
			<i>For Smooth Float Finish, Add</i>	0.68	
			<i>For &lt;100, Add</i>	1.24	
			<i>For &gt;100 To 500, Add</i>	0.62	
			<i>For &gt;5,000, Deduct</i>	-0.49	
09 24 23 00-0005	SF		Finish Coat Troweled Stucco..... Note: Excludes lath and felt. Interior or exterior, one side.	1.89	0.45
			<i>For Walls &gt;10' High, Add</i>	0.18	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.27	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.54	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.56	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.83	
			<i>For Color Added To Finish Coat, Add</i>	0.15	
			<i>For Smooth Float Finish, Add</i>	0.68	
			<i>For &lt;100, Add</i>	0.90	
			<i>For &gt;100 To 500, Add</i>	0.45	
			<i>For &gt;5,000, Deduct</i>	-0.36	
<b>09 24 33 Cement Parging (09 24)</b>					
09 24 33 00-0001			<b>Cement Parging (09 24 33)</b>		
09 24 33 00-0002	SF		1/8" Thick Sand And Cement Parging .....	1.89	
09 24 33 00-0003	SF		1/4" Thick Sand And Cement Parging .....	2.43	
09 24 33 00-0004	SF		1/2" Thick Sand And Cement Parging .....	3.04	
<b>09 28 Backing Boards And Underlayments (09 20)</b>					
<b>09 28 13 Cementitious Backing Boards (09 28)</b>					
09 28 13 00-0001			<b>Cementitious Backer Units (09 28 13)</b> Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF		1/4" Cementitious Backer Units For Installation On Floors .....	1.96	0.30
			<i>For Up To 50, Add</i>	1.38	
			<i>For &gt;50 To 250, Add</i>	0.24	
			<i>For &gt;1,000, Deduct</i>	-0.12	
			<i>For Installation On Wall, Add</i>	0.24	
			<i>For Installation On Ceiling, Add</i>	0.60	
09 28 13 00-0003	SF		1/2" Cementitious Backer Units For Installation On Floors .....	2.23	0.35
			<i>For Up To 50, Add</i>	1.64	
			<i>For &gt;50 To 250, Add</i>	0.29	
			<i>For &gt;1,000, Deduct</i>	-0.14	
			<i>For Installation On Wall, Add</i>	0.29	
			<i>For Installation On Ceiling, Add</i>	0.72	
09 28 13 00-0004	SF		5/8" Cementitious Backer Units For Installation On Floors .....	2.79	0.41
			<i>For Up To 50, Add</i>	1.96	
			<i>For &gt;50 To 250, Add</i>	0.34	
			<i>For &gt;1,000, Deduct</i>	-0.17	
			<i>For Installation On Wall, Add</i>	0.34	
			<i>For Installation On Ceiling, Add</i>	0.84	
<b>09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)</b>					
09 28 16 00-0001			<b>Glass Mat Faced Backer Units, DensShield (09 28 16)</b> Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF		1/2" DensShield Tile Backer For Installation On Floors .....	1.58	0.33
			<i>For Up To 50, Add</i>	1.04	
			<i>For &gt;50 To 250, Add</i>	0.17	
			<i>For &gt;1,000, Deduct</i>	-0.09	
			<i>For Installation On Wall, Add</i>	0.17	
			<i>For Installation On Ceiling, Add</i>	0.43	
09 28 16 00-0003	SF		5/8" DensShield Tile Backer For Installation On Floors .....	2.38	0.38
			<i>For Up To 50, Add</i>	1.32	
			<i>For &gt;50 To 250, Add</i>	0.19	
			<i>For &gt;1,000, Deduct</i>	-0.10	
			<i>For Installation On Wall, Add</i>	0.19	
			<i>For Installation On Ceiling, Add</i>	0.48	
<b>09 28 23 Bullet Resistant Fiberglass Board (09 28)</b>					
09 28 23 00-0001			<b>Laminated Bullet Resistant Fiberglass Panel (09 28 23)</b> Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
09 28 23 00-0002	SF		1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF .....	10.41	0.68

**09 Finishes**

**09 20 Plaster And Gypsum Board**

**09 28 Backing Boards And Underlayments**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 23 00-0003	SF		3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF .....	14.42	0.73
09 28 23 00-0004	SF		1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF .....	16.34	0.78
09 28 23 00-0005	SF		5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF .....	17.37	0.82
09 28 23 00-0006	SF		7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF .....	20.29	0.92
09 28 23 00-0007	SF		9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF .....	34.80	1.12
09 28 23 00-0008	SF		1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF .....	59.65	2.08
09 28 23 00-0009	SF		1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF .....	71.81	2.28

**09 29 Gypsum Board** (09 20)

**09 29 00 00-0001 Standard Gypsum Board Application** (09 29)

Note: Price includes gypsum board screwed on one face only, without finishing. Installed on walls, ceilings, beams, columns, soffits, recesses and chases, flat or curved surfaces. See CSI section 09 29 00 00-0054 for finishing gypsum board, 09 29 00 00-0072 for casing and corner bead, 09 91 43 00-0011 for small repairs.

**09 29 00 00-0002 Standard Gypsum Board Application** (09 29 00 00-0001)

09 29 00 00-0003	SF		1/4" Gypsum Board.....	0.73	0.19
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.09	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.19	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.08	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.13	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.19	
			<i>For Walls &gt;10' High, Add</i>	0.03	
			<i>For Up To 128, Add</i>	0.22	
			<i>For &gt;128 To 320, Add</i>	0.13	
09 29 00 00-0004	SF		3/8" Gypsum Board.....	0.79	0.21
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.10	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.22	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.08	
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.15	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.22	
			<i>For Walls &gt;10' High, Add</i>	0.03	
			<i>For Up To 128, Add</i>	0.24	
			<i>For &gt;128 To 320, Add</i>	0.14	
09 29 00 00-0005	SF		1/2" Gypsum Board.....	0.85	0.24
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.12	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.25	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.09	
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.17	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.25	
			<i>For Walls &gt;10' High, Add</i>	0.04	
			<i>For Up To 128, Add</i>	0.27	
			<i>For &gt;128 To 320, Add</i>	0.16	
09 29 00 00-0006	SF		5/8" Gypsum Board.....	1.01	0.28
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.14	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.29	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.09	
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.19	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.29	
			<i>For Walls &gt;10' High, Add</i>	0.05	
			<i>For Up To 128, Add</i>	0.32	
			<i>For &gt;128 To 320, Add</i>	0.19	
09 29 00 00-0007	SF		1/4" Gypsum Board, Two Layers .....	1.40	0.34
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.17	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.35	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.09	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.23	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.35	
			<i>For Walls &gt;10' High, Add</i>	0.06	
			<i>For Up To 128, Add</i>	0.42	
			<i>For &gt;128 To 320, Add</i>	0.24	
09 29 00 00-0008	SF		3/8" Gypsum Board, Two Layers .....	1.49	0.38
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.19	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.39	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.27	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.39	
			<i>For Walls &gt;10' High, Add</i>	0.06	
			<i>For Up To 128, Add</i>	0.45	
			<i>For &gt;128 To 320, Add</i>	0.27	
09 29 00 00-0009	SF		1/2" Gypsum Board, Two Layers .....	1.60	0.44
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.21	
			<i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i>	0.45	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.30	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.45	
			<i>For Walls &gt;10' High, Add</i>	0.07	
			<i>For Up To 128, Add</i>	0.50	
			<i>For &gt;128 To 320, Add</i>	0.29	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0010 SF 5/8" Gypsum Board, Two Layers ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.90 0.24 0.51 0.11 0.35 0.51 0.08 0.58 0.34	0.52
<b>09 29 00 00-0011 Fire Rated Gypsum Board Application (09 29 00 00-0001)</b>		
<b>09 29 00 00-0012 Type X, Fire Rated Gypsum Board (09 29 00 00-0011)</b>		
09 29 00 00-0013 SF 5/8" Type X Fire Rated Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.06 0.15 0.32 0.09 0.10 0.21 0.32 0.05 0.34 0.20	0.28
09 29 00 00-0014 SF 5/8" Type X Fire Rated Gypsum Board, Two Layers ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.98 0.27 0.56 0.12 0.38 0.56 0.09 0.62 0.37	0.28
<b>09 29 00 00-0015 Type C, Fire Rated Gypsum Board (09 29 00 00-0011)</b>		
09 29 00 00-0016 SF 1/2" Type C Fire Rated Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.00 0.13 0.28 0.09 0.10 0.19 0.28 0.04 0.31 0.18	0.24
09 29 00 00-0017 SF 5/8" Type C Fire Rated Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.11 0.15 0.32 0.09 0.10 0.21 0.32 0.05 0.35 0.21	0.28
09 29 00 00-0018 SF 1/2" Type C Fire Rated Gypsum Board, Two Layers ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.88 0.23 0.49 0.11 0.33 0.49 0.08 0.57 0.34	0.24
09 29 00 00-0019 SF 5/8" Type C Fire Rated Gypsum Board, Two Layers ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	2.08 0.27 0.56 0.12 0.38 0.56 0.09 0.64 0.38	0.28
<b>09 29 00 00-0020 Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 00 00-0011)</b>		
09 29 00 00-0021 SF 3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®) ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.72 0.16 0.32 0.09 0.21 0.32 0.05 0.47 0.27	0.28

**09 Finishes**  
**09 20 Plaster And Gypsum Board**  
 09 29 Gypsum Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0022	SF		3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®), Two Layers ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	3.30 0.28 0.56 0.12 0.38 0.56 0.09 0.88 0.50	0.28
<b>09 29 00 00-0023</b>			<b>Moisture Resistant Gypsum Board Application</b> (09 29 00 00-0001) Note: Water-resistant gypsum core.		
09 29 00 00-0024	SF		1/2" Moisture Resistant Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	0.97 0.12 0.25 0.09 0.17 0.25 0.04 0.29 0.17	0.24
09 29 00 00-0025	SF		5/8" Moisture Resistant Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	1.31 0.14 0.29 0.09 0.19 0.29 0.05 0.38 0.22	0.24
<b>09 29 00 00-0026</b>			<b>Vinyl Faced Gypsum Board Application</b> (09 29 00 00-0001) Note: All prefinished vinyl faced panels include, screws, edge grip clips and adhesive.		
09 29 00 00-0027	SF		3/8" Prefinished, Vinyl Faced Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	2.14 0.12 0.22 0.08 0.15 0.22 0.03 0.51 0.28	0.19
09 29 00 00-0028	SF		1/2" Prefinished, Vinyl Faced Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	2.21 0.13 0.25 0.09 0.17 0.25 0.04 0.54 0.30	0.24
09 29 00 00-0029	SF		5/8" Prefinished, Vinyl Faced Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	2.28 0.15 0.29 0.09 0.19 0.29 0.05 0.57 0.31	0.28
09 29 00 00-0030	SF		1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	2.61 0.15 0.28 0.09 0.19 0.28 0.04 0.63 0.34	0.24
09 29 00 00-0031	SF		5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board ..... For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... For Times When The Shortest Distance From Corner to Corner Is <3', Add ..... For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add ..... For Horizontal Installation Up To 10' High, Add ..... For Horizontal Installation >10' High, Add ..... For Walls >10' High, Add ..... For Up To 128, Add ..... For >128 To 320, Add .....	4.21 0.18 0.32 0.09 0.21 0.32 0.05 0.97 0.52	0.28
<b>09 29 00 00-0032</b>			<b>Moisture And Mold Resistant Gypsum Board Application</b> (09 29 00 00-0001)		



<b>Finishes</b>	<b>09</b>	<b>9</b>
Plaster And Gypsum Board	09 20	
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0033 SF 1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board.....	1.20	0.24
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.12	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.25	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Non-reinforced Board, Deduct	-0.08	
For Horizontal Installation Up To 10' High, Add	0.17	
For Horizontal Installation >10' High, Add	0.25	
For Walls >10' High, Add	0.04	
For Up To 128, Add	0.34	
For >128 To 320, Add	0.20	
09 29 00 00-0034 SF 5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board.....	1.43	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.14	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.29	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Non-reinforced Board, Deduct	-0.08	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.29	
For Walls >10' High, Add	0.05	
For Up To 128, Add	0.40	
For >128 To 320, Add	0.23	
09 29 00 00-0035 SF 1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board .....	1.46	0.24
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.14	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.28	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.28	
For Walls >10' High, Add	0.04	
For Up To 128, Add	0.40	
For >128 To 320, Add	0.23	
09 29 00 00-0036 SF 5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board .....	1.62	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.15	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.32	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.21	
For Horizontal Installation >10' High, Add	0.32	
For Walls >10' High, Add	0.05	
For Up To 128, Add	0.45	
For >128 To 320, Add	0.26	
<b>09 29 00 00-0037 Hi-Impact Gypsum Board</b> (09 29 00 00-0001)		
Note: Abrasion, impact and penetration resistant.		
09 29 00 00-0038 SF 0.01" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board.....	1.91	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.14	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.29	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.29	
For Walls >10' High, Add	0.05	
For Up To 128, Add	0.50	
For >128 To 320, Add	0.28	
09 29 00 00-0039 SF 0.02" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board.....	2.30	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.15	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.29	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.29	
For Walls >10' High, Add	0.05	
For Up To 128, Add	0.57	
For >128 To 320, Add	0.32	
09 29 00 00-0040 SF 0.03" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board.....	2.69	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.15	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.29	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.29	
For Walls >10' High, Add	0.05	
For Up To 128, Add	0.65	
For >128 To 320, Add	0.35	
09 29 00 00-0041 SF 0.08" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board.....	5.04	0.27
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.29	
For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
For Horizontal Installation Up To 10' High, Add	0.19	
For Horizontal Installation >10' High, Add	0.29	
For Walls >10' High, Add	0.05	
For Up To 128, Add	1.12	
For >128 To 320, Add	0.59	
<b>09 29 00 00-0042 Hi-Abuse Gypsum Board</b> (09 29 00 00-0001)		
Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.		

<b>09</b>	<b>Finishes</b>
<b>09 20</b>	<b>Plaster And Gypsum Board</b>
<b>09 29</b>	<b>Gypsum Board</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0043	SF		5/8" Fire Rated, Hi-Abuse Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	1.49 0.14 0.29 0.09 0.19 0.29 0.05 0.41 0.23	0.27
<b>09 29 00 00-0044</b>			<b>Soundproof Gypsum Board</b> <small>(09 29 00 00-0001)</small> Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.		
09 29 00 00-0045	SF		1/2" Soundproof Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	3.26 0.16 0.29 0.09 0.20 0.29 0.05 0.77 0.41	0.28
09 29 00 00-0046	SF		5/8" Soundproof Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner To Corner Is &lt;3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	4.07 0.17 0.29 0.09 0.20 0.29 0.05 0.93 0.49	0.28
<b>09 29 00 00-0047</b>			<b>Shaft Wall</b> <small>(09 29)</small> See CSI section 09 29 00 00-0054 for finishing drywall.		
09 29 00 00-0048	SF		3/4" Fire Rated Shaft Wall Assembly ..... Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure. <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	3.51 1.20 0.81 1.20 0.19 1.18 0.71	1.19
09 29 00 00-0049	SF		7/8" Fire Rated Shaft Wall Assembly ..... Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure. <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i>	4.02 1.44 0.98 1.44 0.23 1.38 0.83	1.44
09 29 00 00-0050	SF		2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly ..... Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	3.92 0.92 0.63 0.92 0.15 1.15 0.67 0.25	0.92
09 29 00 00-0051	SF		4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly ..... Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	4.18 0.97 0.66 0.97 0.15 1.22 0.71 0.25	0.97
09 29 00 00-0052	SF		2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly ..... Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing. <i>For Times When The Shortest Distance From Corner to Corner Is &lt;3', Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For Glass Mat Surfaces, Add</i>	4.61 0.97 0.66 0.97 0.15 1.31 0.75 0.25	0.97



<b>Finishes</b>	<b>09</b>	
Plaster And Gypsum Board	09 20	9
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0053 SF 4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	4.89	1.01
Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
For Times When The Shortest Distance From Corner to Corner Is <3', Add	1.02	
For Horizontal Installation Up To 10' High, Add	0.69	
For Horizontal Installation >10' High, Add	1.02	
For Walls >10' High, Add	0.16	
For Up To 128, Add	1.38	
For >128 To 320, Add	0.79	
For Glass Mat Surfaces, Add	0.25	
<b>09 29 00 00-0054 Finishing Gypsum Board Applications (09 29)</b>		
Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
<b>09 29 00 00-0055 Finish Gypsum Board Walls, ASTM C840 Level 4 (09 29 00 00-0054)</b>		
09 29 00 00-0056 SF Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.37	
For Up To 128, Add	0.14	
For >128 To 320, Add	0.08	
For ASTM C840 Level 1 Finish, Deduct	-0.17	
For ASTM C840 Level 2 Finish, Deduct	-0.08	
For ASTM C840 Level 3 Finish, Deduct	-0.03	
For ASTM C840 Level 5 High Quality Finish, Add	0.27	
09 29 00 00-0057 SF >10' High, Walls, Tape, Spackle And Finish Gypsum Board .....	0.49	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.18	
For >128 To 320, Add	0.11	
For ASTM C840 Level 1 Finish, Deduct	-0.23	
For ASTM C840 Level 2 Finish, Deduct	-0.11	
For ASTM C840 Level 3 Finish, Deduct	-0.05	
For ASTM C840 Level 5 High Quality Finish, Add	0.36	
<b>09 29 00 00-0058 Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09 29 00 00-0054)</b>		
09 29 00 00-0059 SF Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	0.46	
For Up To 128, Add	0.17	
For >128 To 320, Add	0.11	
For ASTM C840 Level 1 Finish, Deduct	-0.21	
For ASTM C840 Level 2 Finish, Deduct	-0.11	
For ASTM C840 Level 3 Finish, Deduct	-0.04	
For ASTM C840 Level 5 High Quality Finish, Add	0.34	
09 29 00 00-0060 SF >10' High, Ceilings, Tape, Spackle And Finish Gypsum Board .....	0.57	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.22	
For >128 To 320, Add	0.13	
For ASTM C840 Level 1 Finish, Deduct	-0.27	
For ASTM C840 Level 2 Finish, Deduct	-0.13	
For ASTM C840 Level 3 Finish, Deduct	-0.05	
For ASTM C840 Level 5 High Quality Finish, Add	0.42	
<b>09 29 00 00-0061 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09 29 00 00-0054)</b>		
Note: Inside or outside gypsum board corners.		
09 29 00 00-0062 LF Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	0.76	
For ASTM C840 Level 1 Finish, Deduct	-0.34	
For ASTM C840 Level 2 Finish, Deduct	-0.17	
For ASTM C840 Level 3 Finish, Deduct	-0.07	
For ASTM C840 Level 5 High Quality Finish, Add	0.55	
09 29 00 00-0063 LF >10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board .....	0.89	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-0.40	
For ASTM C840 Level 2 Finish, Deduct	-0.20	
For ASTM C840 Level 3 Finish, Deduct	-0.08	
For ASTM C840 Level 5 High Quality Finish, Add	0.65	
<b>09 29 00 00-0064 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09 29 00 00-0054)</b>		
Note: Inside or outside gypsum board corners.		
09 29 00 00-0065 LF Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	0.87	
For ASTM C840 Level 1 Finish, Deduct	-0.39	
For ASTM C840 Level 2 Finish, Deduct	-0.20	
For ASTM C840 Level 3 Finish, Deduct	-0.08	
For ASTM C840 Level 5 High Quality Finish, Add	0.63	

**09 Finishes**  
**09 20 Plaster And Gypsum Board**  
**09 29 Gypsum Board**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0066	LF		>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board .....1.03 Note: Use this task for the entire wall area when the wall is >10' high. For ASTM C840 Level 1 Finish, Deduct .....-0.47 For ASTM C840 Level 2 Finish, Deduct .....-0.24 For ASTM C840 Level 3 Finish, Deduct .....-0.10 For ASTM C840 Level 5 High Quality Finish, Add .....0.75		
<b>09 29 00 00-0067 Textured Finishes For Gypsum Board (09 29 00 00-0054)</b>					
09 29 00 00-0068	SF		"Popcorn" Spray Applied, Finish On Existing Gypsum Board Ceiling .....0.23		
09 29 00 00-0069	SF		Textured Finish On Existing Gypsum Board Ceiling .....0.41 Note: For non spray applied textures.		
09 29 00 00-0070	SF		Spray Applied Orange Peel Finish On Existing Gypsum Board Wall .....0.20		
09 29 00 00-0071	SF		Spray Applied Knockdown Or Skip Trowel Finish On Existing Gypsum Board Wall .....0.25		
<b>09 29 00 00-0072 Casing And Corner Beads (09 29)</b>					
09 29 00 00-0073	LF		Casing, Galvanized Steel J-Bead For Gypsum Board .....1.86		0.47
09 29 00 00-0074	LF		Corner Bead, Galvanized Steel For Gypsum Board .....1.76		0.47
<b>09 29 00 00-0075 Architectural Forms (09 29)</b>					
09 29 00 00-0076	SF		1" Architectural Foam Forms For Gypsum Board Cover .....2.24		
<b>09 29 00 00-0077 Prefomed Architectural Profiles (09 29)</b>					
<b>09 29 00 00-0078 Trim Reveals For Gypsum Board (09 29 00 00-0077)</b>					
09 29 00 00-0079	LF		1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....1.98		0.58
09 29 00 00-0080	LF		1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....1.99		0.58
09 29 00 00-0081	LF		3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.04		0.58
09 29 00 00-0082	LF		1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.07		0.58
09 29 00 00-0083	LF		5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.13		0.58
09 29 00 00-0084	LF		3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.20		0.58
09 29 00 00-0085	LF		1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.26		0.58
09 29 00 00-0086	LF		1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.47		0.58
09 29 00 00-0087	LF		2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.67		0.58
09 29 00 00-0088	LF		1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.04		0.63
09 29 00 00-0089	LF		1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.04		0.63
09 29 00 00-0090	LF		3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.18		0.63
09 29 00 00-0091	LF		1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.21		0.63
09 29 00 00-0092	LF		5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.30		0.63
09 29 00 00-0093	LF		3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.34		0.63
09 29 00 00-0094	LF		1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.39		0.63
09 29 00 00-0095	LF		1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.62		0.63
09 29 00 00-0096	LF		2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....2.85		0.63
09 29 00 00-0097	LF		3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....3.84		0.72
09 29 00 00-0098	LF		4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board .....4.22		0.72
<b>09 29 00 00-0099 Edge Trim For Gypsum Board (09 29 00 00-0077)</b>					
09 29 00 00-0100	LF		1/2" Aluminum Extrusions, Edge Trim For Gypsum Board .....1.85		0.60
09 29 00 00-0101	LF		5/8" Aluminum Extrusions, Edge Trim For Gypsum Board .....1.96		0.60
09 29 00 00-0102	LF		1" Aluminum Extrusions, Edge Trim For Gypsum Board .....2.26		0.66
09 29 00 00-0103	LF		1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board .....2.39		0.72
09 29 00 00-0104	LF		1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....3.13		0.60
09 29 00 00-0105	LF		5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....3.23		0.60
09 29 00 00-0106	LF		1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....3.54		0.66
09 29 00 00-0107	LF		1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....3.67		0.72
<b>09 29 00 00-0108 Bevel Trim For Gypsum Board (09 29 00 00-0077)</b>					
09 29 00 00-0109	LF		5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board .....1.96		0.60
09 29 00 00-0110	LF		5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board .....2.23		0.66
<b>09 29 00 00-0111 Trim/Wainscot Caps For Gypsum Board (09 29 00 00-0077)</b>					
09 29 00 00-0112	LF		1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board .....2.61		0.72
<b>09 29 00 00-0113 Single Fin Wall/Trim Reveals For Gypsum Board (09 29 00 00-0077)</b>					
09 29 00 00-0114	LF		1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....1.78		0.38
09 29 00 00-0115	LF		1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....1.83		0.43
09 29 00 00-0116	LF		3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.12		0.47
09 29 00 00-0117	LF		1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.25		0.53
09 29 00 00-0118	LF		5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.39		0.58
09 29 00 00-0119	LF		3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.43		0.58
09 29 00 00-0120	LF		1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.54		0.58
09 29 00 00-0121	LF		1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.76		0.58
09 29 00 00-0122	LF		2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board .....2.84		0.58



<b>Finishes</b>	<b>09</b>	<b>2</b>
<b>Plaster And Gypsum Board</b>	<b>09 20</b>	
<b>Gypsum Board</b>	<b>09 29</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0123 LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.30	0.63
09 29 00 00-0124 LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.33	0.63
09 29 00 00-0125 LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.47	0.63
09 29 00 00-0126 LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.53	0.63
09 29 00 00-0127 LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.58	0.63
09 29 00 00-0128 LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.64	0.63
09 29 00 00-0129 LF 1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.73	0.63
09 29 00 00-0130 LF 1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.96	0.63
09 29 00 00-0131 LF 2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.16	0.63
09 29 00 00-0132 LF 3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.77	0.63
09 29 00 00-0133 LF 4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.94	0.63
09 29 00 00-0134 LF 3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	3.54	0.63
09 29 00 00-0135 LF 3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	3.64	0.63
09 29 00 00-0136 LF 4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	3.99	0.63
09 29 00 00-0137 LF 4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	4.02	0.63
09 29 00 00-0138 LF 9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	4.52	0.63
09 29 00 00-0139 LF 5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	3.78	0.63
<b>09 29 00 00-0140 'V' Groove Wall Reveals For Gypsum Board (09 29 00 00-0077)</b>		
09 29 00 00-0141 LF 1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	2.92	0.86
09 29 00 00-0142 LF 3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	3.36	0.96
09 29 00 00-0143 LF 1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	3.83	1.15
09 29 00 00-0144 LF 9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	3.95	1.24
<b>09 29 00 00-0145 Double Fin Wall Reveals For Gypsum Board (09 29 00 00-0077)</b>		
09 29 00 00-0146 LF 3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.59	0.58
09 29 00 00-0147 LF 1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.62	0.58
09 29 00 00-0148 LF 1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.64	0.58
09 29 00 00-0149 LF 3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.64	0.58
09 29 00 00-0150 LF 1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.76	0.58
09 29 00 00-0151 LF 5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.81	0.57
09 29 00 00-0152 LF 3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.86	0.58
09 29 00 00-0153 LF 1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.98	0.58
09 29 00 00-0154 LF 1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.17	0.58
09 29 00 00-0155 LF 2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.37	0.58
09 29 00 00-0156 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.75	0.63
09 29 00 00-0157 LF 1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.77	0.63
09 29 00 00-0158 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.82	0.63
09 29 00 00-0159 LF 1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.94	0.63
09 29 00 00-0160 LF 5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	2.99	0.63
09 29 00 00-0161 LF 3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.03	0.63
09 29 00 00-0162 LF 1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.16	0.63
09 29 00 00-0163 LF 1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.36	0.63
09 29 00 00-0164 LF 2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.56	0.63
09 29 00 00-0165 LF 3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	4.11	0.63
09 29 00 00-0166 LF 4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.26	0.63
09 29 00 00-0167 LF 1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	4.80	0.68
09 29 00 00-0168 LF 3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.50	0.83
09 29 00 00-0169 LF 1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	5.67	0.83
09 29 00 00-0170 LF 1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	4.34	0.57
09 29 00 00-0171 LF 1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	4.21	0.83
09 29 00 00-0172 LF 1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board.....	3.01	0.57
<b>09 29 00 00-0173 Special Conditions Reveals For Gypsum Board (09 29 00 00-0077)</b>		
<b>09 29 00 00-0174 Radius Conditions (09 29 00 00-0173)</b>		
09 29 00 00-0175 EA 8' Long Inside Radius For Gypsum Board.....	31.92	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
09 29 00 00-0176 EA 8' Long Outside Radius For Gypsum Board.....	31.92	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
09 29 00 00-0177 EA 8' Long Circular / Arched Radius For Gypsum Board.....	31.92	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
<b>09 29 00 00-0178 Knee Brace Kit (09 29 00 00-0173)</b>		
09 29 00 00-0179 EA 46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board.....	73.23	5.97
<b>09 29 00 00-0180 Wall Bumper Rail (09 29 00 00-0173)</b>		
09 29 00 00-0181 LF 2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board.....	11.16	2.38
<b>09 29 00 00-0182 Corners For Gypsum Board (09 29 00 00-0077)</b>		
09 29 00 00-0183 LF 1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	2.43	0.58
09 29 00 00-0184 LF 5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	2.59	0.63
09 29 00 00-0185 LF 3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	2.86	0.65
09 29 00 00-0186 LF 1"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	3.15	0.68

**09 Finishes**  
**09 20 Plaster And Gypsum Board**  
**09 29 Gypsum Board**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0187	LF		1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	3.83	0.83
09 29 00 00-0188	LF		2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	4.42	0.93
09 29 00 00-0189	LF		2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	5.32	1.07
09 29 00 00-0190	LF		3" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	6.44	1.24
09 29 00 00-0191	LF		4" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	8.80	1.66
09 29 00 00-0192	LF		90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	2.40	0.56
09 29 00 00-0193	LF		90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	4.26	0.75
09 29 00 00-0194	LF		90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board.....	3.20	0.75
09 29 00 00-0195	LF		90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board.....	5.38	0.75
09 29 00 00-0196	LF		45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	7.56	0.93
09 29 00 00-0197	LF		60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	7.28	0.93
09 29 00 00-0198	LF		3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board.....	2.44	0.65
09 29 00 00-0199	LF		5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board.....	2.43	0.63
09 29 00 00-0200	LF		1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	2.41	0.58
09 29 00 00-0201	LF		5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	2.54	0.63
09 29 00 00-0202	LF		1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	3.32	0.68
09 29 00 00-0203	LF		1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	2.91	0.58
09 29 00 00-0204	LF		5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	3.08	0.63
09 29 00 00-0205	LF		1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	4.36	0.68
09 29 00 00-0206	LF		1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board.....	4.70	0.58
09 29 00 00-0207	LF		3" Aluminum Extrusions, Bullnose For Gypsum Board.....	8.24	1.24
09 29 00 00-0208	LF		3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board.....	8.75	1.24
09 29 00 00-0209	LF		5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	16.05	2.07
09 29 00 00-0210	LF		7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	26.31	2.94
09 29 00 00-0211	LF		3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	2.86	0.64
09 29 00 00-0212	LF		1" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	3.23	0.67
09 29 00 00-0213	LF		1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	3.89	0.82
09 29 00 00-0214	LF		2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	4.73	0.92
09 29 00 00-0215	LF		2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	6.53	1.05
09 29 00 00-0216	LF		3" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	7.12	1.22
09 29 00 00-0217	LF		4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	8.24	1.64
09 29 00 00-0218	LF		3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	5.36	1.22
09 29 00 00-0219	LF		3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	5.43	1.22
09 29 00 00-0220	LF		4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	5.84	1.22
09 29 00 00-0221	LF		5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	5.96	1.22

**09 30 Tiling**<sup>(09)</sup>

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

**09 30 13 Ceramic Tiling**<sup>(09 30)</sup>

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

**09 30 13 00-0001 Ceramic Tiling**<sup>(09 30 13)</sup>

09 30 13 00-0002	SF	Less Than 8" x 8" Mounted Floor Tile.....	6.94	1.42
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	3.86	
		For >50 To 250, Add	0.57	
		For >1,000, Deduct	-0.28	
		For Epoxy Grout, Add	0.70	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 13 00-0003	SF	8" x 8" And Larger Unmounted Floor Tile.....	7.64	0.88
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	4.56	
		For >50 To 250, Add	0.71	
		For >1,000, Deduct	-0.35	
		For Epoxy Grout, Add	0.81	
		For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 13 00-0004	SF	Mounted Floor Tile, Residential Grade.....	5.42	1.42
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	3.48	
		For >50 To 250, Add	0.57	
		For >1,000, Deduct	-0.28	
09 30 13 00-0005	SF	Less than 8" x 8" Mounted Wall Tile.....	7.54	1.72
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	4.46	
		For >50 To 250, Add	0.69	
		For >1,000, Deduct	-0.34	
		For Epoxy Grout, Add	0.79	
09 30 13 00-0006	SF	8" x 8" And Larger Unmounted Wall Tile.....	8.44	1.09
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	5.36	
		For >50 To 250, Add	0.87	
		For >1,000, Deduct	-0.43	
		For Epoxy Grout, Add	0.93	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Tiling	09 30	
Ceramic Tiling	09 30 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0007	SF		Mounted Wall Tile, Residential Grade ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	6.02	1.72
			<i>For Up To 50, Add</i>	4.08	
			<i>For &gt;50 To 250, Add</i>	0.69	
			<i>For &gt;1,000, Deduct</i>	-0.34	
09 30 13 00-0008	SF		Less than 8" x 8" Mounted Ceiling Tile ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	10.05	2.98
			<i>For Up To 50, Add</i>	6.97	
			<i>For &gt;50 To 250, Add</i>	1.19	
			<i>For &gt;1,000, Deduct</i>	-0.59	
			<i>For Chemical Resistant Epoxy Grout, Add</i>	1.19	
09 30 13 00-0009	SF		8" x 8" And Larger Unmounted Ceiling Tile..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	11.24	1.78
			<i>For Up To 50, Add</i>	8.16	
			<i>For &gt;50 To 250, Add</i>	1.43	
			<i>For &gt;1,000, Deduct</i>	-0.71	
			<i>For Chemical Resistant Epoxy Grout, Add</i>	1.37	
09 30 13 00-0010	LF		4-1/4" To 4-1/2" High Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim..... <i>For Chemical Resistant Epoxy Grout, Add</i>	9.05 0.94	1.24

**09 30 16 Quarry Tiling** (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF		Unglazed Quarry Floor Tile..... Note: With or without embedded abrasive grit.	5.82	1.00
			<i>For Up To 50, Add</i>	4.43	
			<i>For &gt;50 To 250, Add</i>	0.79	
			<i>For &gt;1,000, Deduct</i>	-0.40	
			<i>For Epoxy Grout, Add</i>	0.87	
09 30 16 00-0002	SF		Glazed Quarry Floor Tile.....	11.57	1.00
			<i>For Up To 50, Add</i>	5.86	
			<i>For &gt;50 To 250, Add</i>	0.79	
			<i>For &gt;1,000, Deduct</i>	-0.40	
			<i>For Epoxy Grout, Add</i>	0.87	
09 30 16 00-0003	SF		Unglazed Quarry Wall Tile..... Note: With or without embedded abrasive grit.	6.61	1.18
			<i>For Up To 50, Add</i>	5.22	
			<i>For &gt;50 To 250, Add</i>	0.95	
			<i>For &gt;1,000, Deduct</i>	-0.48	
			<i>For Epoxy Grout, Add</i>	0.99	
09 30 16 00-0004	SF		Glazed Quarry Wall Tile.....	12.36	1.18
			<i>For Up To 50, Add</i>	6.65	
			<i>For &gt;50 To 250, Add</i>	0.95	
			<i>For &gt;1,000, Deduct</i>	-0.48	
			<i>For Epoxy Grout, Add</i>	0.99	
09 30 16 00-0005	LF		6" High Unglazed Quarry Tile Cove Base Or Trim..... <i>For Chemical Resistant Epoxy Grout, Add</i>	8.14 0.98	1.31
09 30 16 00-0006	LF		6" High Glazed Quarry Tile Cove Base Or Trim ..... <i>For Chemical Resistant Epoxy Grout, Add</i>	17.57 0.98	1.31

**09 31 Thin-Set Tiling** (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 00 00-0001	SF		Thin Set - Latex Portland Cement Mortar .....	0.88	0.47
			<i>For Up To 50, Add</i>	0.75	
			<i>For &gt;50 To 250, Add</i>	0.14	
			<i>For &gt;1,000, Deduct</i>	-0.07	
09 31 00 00-0002	SF		Clean And Scarify Existing Tile For Installation Of New Tile Over Existing .....	0.45	
			<i>For Up To 50, Add</i>	0.45	
			<i>For &gt;50 To 250, Add</i>	0.09	
			<i>For &gt;1,000, Deduct</i>	-0.05	

**09 32 Mortar-Bed Tiling** (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 00 00-0001	SF		3/4" Minimum Thickness Portland Cement Mortar Setting Bed ..... Note: For residential floors. Includes 15# felt and wire reinforcement.	2.32	0.95
			<i>For Up To 50, Add</i>	1.65	
			<i>For &gt;50 To 250, Add</i>	0.28	
			<i>For &gt;1,000, Deduct</i>	-0.14	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 00 00-0002	SF		1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed..... Note: For commercial floors. Includes 15# felt and wire reinforcement.	3.31	1.26
			<i>For Up To 50, Add</i>	2.24	
			<i>For &gt;50 To 250, Add</i>	0.38	
			<i>For &gt;1,000, Deduct</i>	-0.19	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 00 00-0003	SF		3/4" Portland Cement Plaster Scratch Coat For Walls..... Note: Includes 15# felt and expanded metal lath.	6.84	2.83
			<i>For Up To 50, Add</i>	5.95	
			<i>For &gt;50 To 250, Add</i>	1.13	
			<i>For &gt;1,000, Deduct</i>	-0.57	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
			<i>For Installation Without Felt And Metal Lath, Deduct</i>	-1.54	

09	<b>09 Finishes</b>
	<b>09 30 Tiling</b>
	09 34 Waterproofing-Membrane Tiling



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**09 34 Waterproofing-Membrane Tiling** (09 30)

09 34 00 00-0001 **Bonded Waterproofing System for Tiled Showers, Steam Showers, and  
Bathtub Surrounds** (09 34)

09 34 00 00-0002 **Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower  
ST)** (09 34 00 00-0001)

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	681.72	
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	793.57	
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,180.45	

09 34 00 00-0006 **Prefabricated Polystyrene Shower Curbs And Ramps** (09 34 00 00-0001)

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	82.65	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	79.30	

09 34 00 00-0009 **Prefabricated Polystyrene Shower Benches** (09 34 00 00-0001)

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	173.73	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	350.43	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	432.89	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	315.09	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	350.43	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	373.99	

09 34 00 00-0016 **Prefabricated Polystyrene Shower Tray** (09 34 00 00-0001)

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	147.44	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	147.44	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	229.90	

09 34 00 00-0020 **Waterproofing, Uncoupling And Vapor Management Membranes  
(Schluter® DITRA)** (09 34 00 00-0001)

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	2.52	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	2.93	

09 34 00 00-0023 **Bonded Waterproof Underlayment Membranes (Schluter® KERDI)** (09 34 00 00-0001)

09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	2.20	
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**09 35 Chemical-Resistant Tiling** (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 00 00-0001	SF	Thin Set - Epoxy Mortar	2.89	0.62
		Note: Impact and chemical resistant.		
		For Up To 50, Add	1.44	
		For >50 To 250, Add	0.19	
		For >1,000, Deduct	-0.10	

**09 39 Tiling Transitions And Accessories** (09 30)

09 39 00 00-0001 **Tile Substrate (Schluter® KERDI BOARD)** (09 39)

09 39 00 00-0002	LF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	4.53	0.33
09 39 00 00-0003	LF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	5.10	0.38

09 39 00 00-0004 **Floor Edge Protection And Transition Profiles For Tile** (09 39)

09 39 00 00-0005	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	1.93	
09 39 00 00-0006	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	1.99	
09 39 00 00-0007	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.06	
09 39 00 00-0008	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.17	
09 39 00 00-0009	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	2.60	
09 39 00 00-0010	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	2.69	
09 39 00 00-0011	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	2.75	
09 39 00 00-0012	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	2.81	
09 39 00 00-0013	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	2.03	
09 39 00 00-0014	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	2.81	
09 39 00 00-0015	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	2.61	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Tiling	09 30	
Tiling Transitions And Accessories	09 39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0016 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	2.75	
09 39 00 00-0017 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	2.89	
09 39 00 00-0018 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	3.52	
09 39 00 00-0019 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	2.71	
09 39 00 00-0020 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	2.85	
09 39 00 00-0021 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	3.48	
<b>09 39 00 00-0022 Outside Wall Edge Protection And Transition Profiles For Tile (09 39)</b>		
09 39 00 00-0023 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	2.69	
09 39 00 00-0024 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	2.84	
09 39 00 00-0025 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	3.06	
09 39 00 00-0026 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	3.28	
09 39 00 00-0027 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	2.99	
09 39 00 00-0028 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	3.27	
09 39 00 00-0029 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	3.55	
09 39 00 00-0030 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	4.04	
<b>09 50 Ceilings (09)</b>		
Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.		
<b>09 51 Acoustical Ceilings (09 50)</b>		
Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.		
<b>09 51 13 Acoustical Panel Ceilings (09 51)</b>		
Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.		
<b>09 51 13 00-0001 Fiberglass Panels (09 51 13)</b>		
<b>09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)</b>		
09 51 13 00-0003 SF 2' x 2' x 5/8" Fiberglass Acoustical Ceiling Panel.....	1.33	0.24
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.42	
For >50 To 200, Add	0.24	
For >200 To 500, Add	0.09	
For >2,500 To 4,000, Deduct	-0.03	
For >4,000 To 5,000, Deduct	-0.05	
For >5,000, Deduct	-0.09	
For Individual Room Quantities <495, Add	0.12	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0004 SF 2' x 4' x 5/8" Fiberglass Acoustical Ceiling Panel.....	1.32	0.24
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.41	
For >50 To 200, Add	0.24	
For >200 To 500, Add	0.09	
For >2,500 To 4,000, Deduct	-0.03	
For >4,000 To 5,000, Deduct	-0.05	
For >5,000, Deduct	-0.09	
For Individual Room Quantities <495, Add	0.12	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0005 SF 2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel.....	2.93	0.24
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.66	
For >50 To 200, Add	0.40	
For >200 To 500, Add	0.17	
For >2,500 To 4,000, Deduct	-0.06	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.15	
For Individual Room Quantities <495, Add	0.20	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0006 SF 2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel.....	2.93	0.24
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.66	
For >50 To 200, Add	0.40	
For >200 To 500, Add	0.17	
For >2,500 To 4,000, Deduct	-0.06	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.15	
For Individual Room Quantities <495, Add	0.20	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	

<b>09</b>	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 51 Acoustical Ceilings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0007 SF 2' x 2' x 1" Fiberglass Acoustical Ceiling Panel.....	3.13	0.28
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.69	
For >50 To 200, Add	0.42	
For >200 To 500, Add	0.18	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.16	
For Individual Room Quantities <495, Add	0.21	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0008 SF 2' x 4' x 1" Fiberglass Acoustical Ceiling Panel.....	3.13	0.28
For Recessed Edge, Add	0.35	
For Fire Rated Panels, Add	0.46	
For Up To 50, Add	0.69	
For >50 To 200, Add	0.42	
For >200 To 500, Add	0.18	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.16	
For Individual Room Quantities <495, Add	0.21	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.04	
<b>09 51 13 00-0009 Glass Cloth Faced Fiberglass Panels (09 51 13 00-0001)</b>		
09 51 13 00-0010 SF 3/4" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels .....	2.35	0.28
For Fire Rated Panels, Add	0.49	
For Up To 50, Add	0.63	
For >50 To 200, Add	0.37	
For >200 To 500, Add	0.15	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.08	
For >5,000, Deduct	-0.14	
For Individual Room Quantities <495, Add	0.19	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.05	
09 51 13 00-0011 SF 1" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels .....	2.56	0.28
For Fire Rated Panels, Add	0.49	
For Up To 50, Add	0.66	
For >50 To 200, Add	0.39	
For >200 To 500, Add	0.16	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.09	
For >5,000, Deduct	-0.14	
For Individual Room Quantities <495, Add	0.20	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.05	
09 51 13 00-0012 SF 1-1/2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels .....	3.59	0.47
For Fire Rated Panels, Add	0.53	
For Up To 50, Add	0.90	
For >50 To 200, Add	0.54	
For >200 To 500, Add	0.22	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.13	
For >5,000, Deduct	-0.20	
For Individual Room Quantities <495, Add	0.27	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.07	
09 51 13 00-0013 SF 2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels .....	4.59	0.47
For Fire Rated Panels, Add	0.53	
For Up To 50, Add	1.05	
For >50 To 200, Add	0.64	
For >200 To 500, Add	0.27	
For >2,500 To 4,000, Deduct	-0.10	
For >4,000 To 5,000, Deduct	-0.16	
For >5,000, Deduct	-0.24	
For Individual Room Quantities <495, Add	0.32	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Ceilings >10' High, Add	0.07	
09 51 13 00-0014 Mineral Fiber Panels (09 51 13)		
09 51 13 00-0015 Mineral Fiber Acoustical Ceiling Panels (09 51 13 00-0014)		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Acoustical Ceilings	09 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0016 SF 1' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	1.60	0.28
For Vinyl Faced Panels, Add	0.96	
For Fire Rated Panels, Add	0.47	
For Moisture Resistant Panels, Add	0.96	
For Up To 50, Add	0.48	
For >50 To 200, Add	0.28	
For >200 To 500, Add	0.11	
For >2,500 To 4,000, Deduct	-0.04	
For >4,000 To 5,000, Deduct	-0.06	
For >5,000, Deduct	-0.10	
For Individual Room Quantities <495, Add	0.14	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.13	
For Integrated Wood Trim, Add	7.40	
For Vertical Application, Add	0.27	
For Single Angled Tegular Edge (Reveal), Add	0.51	
For Ceilings >10' High, Add	0.05	
09 51 13 00-0017 SF 2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.07	0.28
For Vinyl Faced Panels, Add	0.94	
For Fire Rated Panels, Add	0.46	
For Vinyl-Coated Aluminum Foil Surfaced, Add	1.39	
For Moisture Resistant Panels, Add	0.94	
For Up To 50, Add	0.38	
For >50 To 200, Add	0.22	
For >200 To 500, Add	0.08	
For >2,500 To 4,000, Deduct	-0.02	
For >4,000 To 5,000, Deduct	-0.04	
For >5,000, Deduct	-0.08	
For Individual Room Quantities <495, Add	0.11	
Note: For use with projects >500 SF		
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.07	
For Integrated Wood Trim, Add	7.36	
For Vertical Application, Add	0.25	
For Single Angled Tegular Edge (Reveal), Add	0.29	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0018 SF 2' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	1.70	0.28
For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.29	
For Vinyl Faced Panels, Add	0.94	
For Fire Rated Panels, Add	0.46	
For Moisture Resistant Panels, Add	0.94	
For Up To 50, Add	0.48	
For >50 To 200, Add	0.28	
For >200 To 500, Add	0.11	
For >2,500 To 4,000, Deduct	-0.04	
For >4,000 To 5,000, Deduct	-0.06	
For >5,000, Deduct	-0.10	
For Individual Room Quantities <495, Add	0.14	
Note: For use with projects >500 SF		
For Integrated Wood Trim, Add	7.61	
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.14	
For Vertical Application, Add	0.25	
For Single Angled Tegular Edge (Reveal), Add	0.57	
For Scored Acoustical Tile, Add	0.25	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0019 SF 2' x 4' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.06	0.28
For Vinyl Faced Panels, Add	0.94	
For Fire Rated Panels, Add	0.46	
For Vinyl-Coated Aluminum Foil Surfaced, Add	1.39	
For Moisture Resistant Panels, Add	0.94	
For Up To 50, Add	0.38	
For >50 To 200, Add	0.21	
For >200 To 500, Add	0.08	
For >2,500 To 4,000, Deduct	-0.02	
For >4,000 To 5,000, Deduct	-0.04	
For >5,000, Deduct	-0.07	
For Individual Room Quantities <495, Add	0.11	
Note: For use with projects >500 SF		
For Integrated Wood Trim, Add	8.86	
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.07	
For Vertical Application, Add	0.24	
For Single Angled Tegular Edge (Reveal), Add	0.29	
For Ceilings >10' High, Add	0.04	

<b>09</b>	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 51 Acoustical Ceilings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0020 SF 2' x 4' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	1.69	0.28
For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.29	
For Vinyl Faced Panels, Add	0.94	
For Fire Rated Panels, Add	0.46	
For Moisture Resistant Panels, Add	0.94	
For Up To 50, Add	0.47	
For >50 To 200, Add	0.28	
For >200 To 500, Add	0.11	
For >2,500 To 4,000, Deduct	-0.04	
For >4,000 To 5,000, Deduct	-0.06	
For >5,000, Deduct	-0.10	
For Individual Room Quantities <495, Add	0.14	
Note: For use with projects >500 SF		
For Integrated Wood Trim, Add	9.11	
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.14	
For Vertical Application, Add	0.24	
For Single Angled Tegular Edge (Reveal), Add	0.57	
For Scored Acoustical Tile, Add	0.25	
For Ceilings >10' High, Add	0.04	
09 51 13 00-0021 SF 2' x 5' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.04	0.28
For Vinyl Faced Panels, Add	0.93	
For Fire Rated Panels, Add	0.45	
For Moisture Resistant Panels, Add	0.93	
For Up To 50, Add	0.36	
For >50 To 200, Add	0.21	
For >200 To 500, Add	0.08	
For >2,500 To 4,000, Deduct	-0.02	
For >4,000 To 5,000, Deduct	-0.04	
For >5,000, Deduct	-0.07	
For Individual Room Quantities <495, Add	0.10	
Note: For use with projects >500 SF		
For Integrated Wood Trim, Add	9.09	
For Acid Resistive, Add	2.50	
For Rough Texture, Add	0.07	
For Vertical Application, Add	0.23	
For Single Angled Tegular Edge (Reveal), Add	0.29	
For Ceilings >10' High, Add	0.04	
<b>09 51 13 00-0022 Wood Fiber Panels <small>(09 51 13)</small></b>		
09 51 13 00-0023 SF 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels .....	2.09	0.38
For Up To 50, Add	0.65	
For >50 To 200, Add	0.38	
For >200 To 500, Add	0.15	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.08	
For >5,000, Deduct	-0.13	
For Individual Room Quantities <495, Add	0.19	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0024 SF 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels .....	2.01	0.33
For Up To 50, Add	0.61	
For >50 To 200, Add	0.36	
For >200 To 500, Add	0.14	
For >2,500 To 4,000, Deduct	-0.04	
For >4,000 To 5,000, Deduct	-0.08	
For >5,000, Deduct	-0.13	
For Individual Room Quantities <495, Add	0.18	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0025 SF 2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels .....	2.65	0.38
For Up To 50, Add	0.74	
For >50 To 200, Add	0.44	
For >200 To 500, Add	0.18	
For >2,500 To 4,000, Deduct	-0.06	
For >4,000 To 5,000, Deduct	-0.10	
For >5,000, Deduct	-0.16	
For Individual Room Quantities <495, Add	0.22	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Acoustical Ceilings	09 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0026 SF 2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	2.57	0.33
For Up To 50, Add	0.69	
For >50 To 200, Add	0.41	
For >200 To 500, Add	0.17	
For >2,500 To 4,000, Deduct	-0.06	
For >4,000 To 5,000, Deduct	-0.09	
For >5,000, Deduct	-0.15	
For Individual Room Quantities <495, Add	0.21	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0027 SF 2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	3.19	0.38
For Up To 50, Add	0.82	
For >50 To 200, Add	0.49	
For >200 To 500, Add	0.20	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.11	
For >5,000, Deduct	-0.18	
For Individual Room Quantities <495, Add	0.24	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0028 SF 2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	3.11	0.33
For Up To 50, Add	0.77	
For >50 To 200, Add	0.47	
For >200 To 500, Add	0.19	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.11	
For >5,000, Deduct	-0.17	
For Individual Room Quantities <495, Add	0.23	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0029 SF 2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels.....	2.42	0.38
For Up To 50, Add	0.70	
For >50 To 200, Add	0.41	
For >200 To 500, Add	0.16	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.09	
For >5,000, Deduct	-0.15	
For Individual Room Quantities <495, Add	0.21	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
09 51 13 00-0030 SF 2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels.....	2.34	0.33
For Up To 50, Add	0.66	
For >50 To 200, Add	0.39	
For >200 To 500, Add	0.16	
For >2,500 To 4,000, Deduct	-0.05	
For >4,000 To 5,000, Deduct	-0.09	
For >5,000, Deduct	-0.14	
For Individual Room Quantities <495, Add	0.19	
Note: For use with projects >500 SF		
For Flameproofing, Add	0.05	
For Sculptured, 3 Dimensional, Add	0.10	
For Ceilings >10' High, Add	0.06	
<b>09 51 13 00-0031 Removal And Reinstallation Of Acoustical Ceiling Panels (09 51 13)</b>		
Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0032 SF Remove And Reinstall Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4' .....	0.71	
For Ceilings >10' High, Add	0.05	
09 51 13 00-0033 SF Remove And Reinstall Acoustical Panels Only.....	0.45	
For Ceilings >10' High, Add	0.03	
09 51 13 00-0034 SF Remove And Reinstall Grid System Only .....	0.42	
For Ceilings >10' High, Add	0.03	
<b>09 51 23 Acoustical Tile Ceilings (09 51)</b>		
Note: Includes fastening with staples and/or adhesive.		
<b>09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings (09 51 23)</b>		
09 51 23 00-0002 SF 12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile .....	2.80	0.53
For Furring 1 x 3 Strips 12" On Center, Add	0.50	
For Up To 50, Add	0.90	
For >50 To 200, Add	0.52	
For >200 To 500, Add	0.20	
For >2,500, Deduct	-0.14	
For Ceilings >10' High, Add	0.09	

<b>09</b>	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 51 Acoustical Ceilings</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0003	SF		12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	3.40	0.53
			<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
			<i>For Up To 50, Add</i>	0.99	
			<i>For &gt;50 To 200, Add</i>	0.58	
			<i>For &gt;200 To 500, Add</i>	0.23	
			<i>For &gt;2,500, Deduct</i>	-0.17	
			<i>For Placing Tiles In Suspended Ceiling System, Deduct</i>	-0.24	
			<i>For Ceilings &gt;10' High, Add</i>	0.09	
09 51 23 00-0004	SF		12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	3.88	0.53
			<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
			<i>For Up To 50, Add</i>	1.06	
			<i>For &gt;50 To 200, Add</i>	0.63	
			<i>For &gt;200 To 500, Add</i>	0.25	
			<i>For &gt;2,500, Deduct</i>	-0.19	
			<i>For Placing Tiles In Suspended Ceiling System, Deduct</i>	-0.24	
			<i>For Ceilings &gt;10' High, Add</i>	0.09	
<b>09 51 23 00-0005</b>			<b>Wood Fiber Acoustical Tile Ceilings (09 51 23)</b>		
09 51 23 00-0006	SF		12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	2.54	0.53
			<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
			<i>For Up To 50, Add</i>	0.86	
			<i>For &gt;50 To 200, Add</i>	0.49	
			<i>For &gt;200 To 500, Add</i>	0.19	
			<i>For &gt;2,500, Deduct</i>	-0.13	
			<i>For Ceilings &gt;10' High, Add</i>	0.09	
<b>09 51 33</b>			<b>Acoustical Metal Pan Ceilings (09 51)</b>		
<b>09 51 33 13</b>			<b>Acoustical Snap-in Metal Pan Ceilings (09 51 33)</b>		
<b>09 51 33 13-0001</b>			<b>Metal Pan Units, 24 GA Steel (09 51 33 13)</b>		
			Note: Excludes pads.		
09 51 33 13-0002	SF		12" x 12" - 24 Gauge, Acoustical Metal Pan Units.....	13.94	0.62
			<i>For Up To 50, Add</i>	2.64	
			<i>For &gt;50 To 200, Add</i>	1.67	
			<i>For &gt;200 To 500, Add</i>	0.77	
			<i>For &gt;2,500, Deduct</i>	-0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0003	SF		12" x 24" - 24 Gauge, Acoustical Metal Pan Units.....	14.85	0.62
			<i>For Up To 50, Add</i>	2.77	
			<i>For &gt;50 To 200, Add</i>	1.76	
			<i>For &gt;200 To 500, Add</i>	0.81	
			<i>For &gt;2,500, Deduct</i>	-0.74	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0004	SF		12" x 12" - 0.025" Thick, Acoustical Aluminum Pan.....	8.42	0.62
			<i>For Up To 50, Add</i>	1.81	
			<i>For &gt;50 To 200, Add</i>	1.11	
			<i>For &gt;200 To 500, Add</i>	0.49	
			<i>For &gt;2,500, Deduct</i>	-0.42	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0005	SF		12" x 24" - 0.025" Thick, Acoustical Aluminum Pan.....	9.15	0.62
			<i>For Up To 50, Add</i>	1.92	
			<i>For &gt;50 To 200, Add</i>	1.19	
			<i>For &gt;200 To 500, Add</i>	0.53	
			<i>For &gt;2,500, Deduct</i>	-0.46	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0006	SF		12" x 12" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units.....	12.69	0.62
			<i>For Up To 50, Add</i>	2.45	
			<i>For &gt;50 To 200, Add</i>	1.54	
			<i>For &gt;200 To 500, Add</i>	0.70	
			<i>For &gt;2,500, Deduct</i>	-0.63	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0007	SF		12" x 24" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units.....	8.97	0.62
			<i>For Up To 50, Add</i>	1.89	
			<i>For &gt;50 To 200, Add</i>	1.17	
			<i>For &gt;200 To 500, Add</i>	0.52	
			<i>For &gt;2,500, Deduct</i>	-0.45	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0008	SF		12" x 12" - 24 Gauge, Stainless Steel Acoustical Pan Units.....	33.52	0.62
			<i>For Up To 50, Add</i>	5.57	
			<i>For &gt;50 To 200, Add</i>	3.62	
			<i>For &gt;200 To 500, Add</i>	1.74	
			<i>For &gt;2,500, Deduct</i>	-1.68	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	
09 51 33 13-0009	SF		12" x 24" - 24 Gauge, Stainless Steel Acoustical Pan Units.....	18.50	0.62
			<i>For Up To 50, Add</i>	3.32	
			<i>For &gt;50 To 200, Add</i>	2.12	
			<i>For &gt;200 To 500, Add</i>	0.99	
			<i>For &gt;2,500, Deduct</i>	-0.93	
			<i>For Ceilings &gt;10' High, Add</i>	0.10	

**09 53 Acoustical Ceiling Suspension Assemblies (09 50)**





<b>Finishes</b>	<b>09</b>	<b>09</b>
<b>Ceilings</b>	<b>09 50</b>	
<b>Acoustical Ceiling Suspension Assemblies</b>	<b>09 53</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**09 53 23 Metal Acoustical Ceiling Suspension Assemblies** (09 53)

<p><b>09 53 23 00-0001 Ceiling Suspension Systems</b> <small>(09 53 23)</small></p> <p>Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from structural steel, wood or metal deck, wood members or concrete deck above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.</p>		
<p>09 53 23 00-0002 SF 12" x 12" Ceiling Tile Size, Concealed 15/16" T Bar Ceiling Suspension System ..... 2.68</p> <p>Note: Excludes ceiling tile.</p> <p>For Vertical Application, Add 1.28</p> <p>For Individual Room Quantities &lt;495, Add 0.28</p> <p>Note: For use with projects &gt;500 SF</p> <p>For Compression Struts With Splay Wires, Add 0.32</p> <p>For Up To 50, Add 0.99</p> <p>For &gt;50 To 200, Add 0.56</p> <p>For &gt;200 To 500, Add 0.21</p> <p>For &gt;2,500 To 4,000, Deduct -0.06</p> <p>For &gt;4,000 To 5,000, Deduct -0.11</p> <p>For &gt;5,000, Deduct -0.16</p> <p>For Ceilings &gt;10' High, Add 0.11</p>	0.24	
<p>09 53 23 00-0003 SF 1' x 2' Grid, 15/16" T Bar Ceiling Suspension System ..... 2.15</p> <p>For UL Listed (Fire Guard), Add 0.13</p> <p>For 1-1/2" Wide Faced Grid, Add 0.25</p> <p>For Vertical Application, Add 1.10</p> <p>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add 2.50</p> <p>For 9/16" Narrow Faced Grid, Add 0.22</p> <p>For Individual Room Quantities &lt;495, Add 0.23</p> <p>Note: For use with projects &gt;500 SF</p> <p>For Aluminum T-Bar System, Add 0.40</p> <p>For Compression Struts With Splay Wires, Add 0.25</p> <p>For Up To 50, Add 0.83</p> <p>For &gt;50 To 200, Add 0.47</p> <p>For &gt;200 To 500, Add 0.17</p> <p>For &gt;2,500 To 4,000, Deduct -0.05</p> <p>For &gt;4,000 To 5,000, Deduct -0.09</p> <p>For &gt;5,000, Deduct -0.13</p> <p>For Ceilings &gt;10' High, Add 0.09</p>	0.24	
<p>09 53 23 00-0004 SF 2' x 2' Grid, 15/16" T Bar Ceiling Suspension System ..... 1.73</p> <p>For UL Listed (Fire Guard), Add 0.09</p> <p>For 1-1/2" Wide Faced Grid, Add 0.18</p> <p>For Vertical Application, Add 0.96</p> <p>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add 2.50</p> <p>For 9/16" Narrow Faced Grid, Add 0.16</p> <p>For Individual Room Quantities &lt;495, Add 0.20</p> <p>Note: For use with projects &gt;500 SF</p> <p>For Aluminum T-Bar System, Add 0.28</p> <p>For Compression Struts With Splay Wires, Add 0.20</p> <p>For Up To 50, Add 0.70</p> <p>For &gt;50 To 200, Add 0.39</p> <p>For &gt;200 To 500, Add 0.14</p> <p>For &gt;2,500 To 4,000, Deduct -0.04</p> <p>For &gt;4,000 To 5,000, Deduct -0.07</p> <p>For &gt;5,000, Deduct -0.11</p> <p>For Ceilings &gt;10' High, Add 0.08</p> <p>For Concealed Spline Grid, Add 0.27</p>	0.24	
<p>09 53 23 00-0005 SF 2' x 4' Grid, 15/16" T Bar Ceiling Suspension System ..... 1.45</p> <p>For UL Listed (Fire Guard), Add 0.07</p> <p>For 1-1/2" Wide Faced Grid, Add 0.14</p> <p>For Vertical Application, Add 0.96</p> <p>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add 2.50</p> <p>For 9/16" Narrow Faced Grid, Add 0.12</p> <p>For Individual Room Quantities &lt;495, Add 0.17</p> <p>Note: For use with projects &gt;500 SF</p> <p>For Aluminum T-Bar System, Add 0.22</p> <p>For Compression Struts With Splay Wires, Add 0.16</p> <p>For Up To 50, Add 0.60</p> <p>For &gt;50 To 200, Add 0.34</p> <p>For &gt;200 To 500, Add 0.12</p> <p>For &gt;2,500 To 4,000, Deduct -0.03</p> <p>For &gt;4,000 To 5,000, Deduct -0.06</p> <p>For &gt;5,000, Deduct -0.09</p> <p>For Ceilings &gt;10' High, Add 0.07</p> <p>For Concealed Spline Grid, Add 0.22</p>	0.24	

**09 Finishes****09 50 Ceilings****09 53 Acoustical Ceiling Suspension Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0006	SF		2' x 5' Grid, 15/16" T Bar Ceiling Suspension System .....	1.42	0.24
			For UL Listed (Fire Guard), Add	0.08	
			For 1-1/2" Wide Faced Grid, Add	0.15	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.14	
			For Individual Room Quantities <495, Add	0.16	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.25	
			For Compression Struts With Splay Wires, Add	0.16	
			For Up To 50, Add	0.56	
			For >50 To 200, Add	0.32	
			For >200 To 500, Add	0.11	
			For >2,500 To 4,000, Deduct	-0.03	
			For >4,000 To 5,000, Deduct	-0.06	
			For >5,000, Deduct	-0.09	
			For Ceilings >10' High, Add	0.07	
09 53 23 00-0007	SF		2', 15/16" Suspended Ceiling Cross Tee .....	0.40	0.14
			Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
			For 1-1/2" Wide Faced Grid, Add	0.04	
			For Vertical Application, Add	0.27	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.03	
			For Individual Room Quantities <495, Add	0.05	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.06	
			For Up To 50, Add	0.17	
			For >50 To 200, Add	0.09	
			For >200 To 500, Add	0.03	
			For >2,500 To 4,000, Deduct	-0.01	
			For >4,000 To 5,000, Deduct	-0.02	
			For >5,000, Deduct	-0.03	
			For Ceilings >10' High, Add	0.02	
09 53 23 00-0008			<b>Ceiling Suspension System Accessories (09 53 23)</b>		
09 53 23 00-0009	LF		For Pencil Rod Support With Accessories And Attachments (Seismic Control Or Where Required).....	0.66	
09 53 23 00-0010	LF		1" x 1/8" Flat Bar Bracing For Suspended Ceiling.....	1.39	0.67
			For 304 Stainless Steel, Add	1.11	
			For 316 Stainless Steel, Add	1.25	
			For Aluminum, Add	0.07	
			For Galvanized Steel, Add	0.24	
09 53 23 00-0011	LF		1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	1.99	0.72
			For 304 Stainless Steel, Add	1.71	
			For 316 Stainless Steel, Add	1.92	
			For Aluminum, Add	0.11	
			For Galvanized Steel, Add	0.37	
09 53 23 00-0012	LF		1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling .....	2.77	0.77
			For 304 Stainless Steel, Add	3.39	
			For 316 Stainless Steel, Add	3.81	
			For Aluminum, Add	0.21	
			For Galvanized Steel, Add	0.74	
09 54			<b>Specialty Ceilings (09 50)</b>		
09 54 23			<b>Linear Metal Ceilings (09 54)</b>		
09 54 23 00-0001			<b>Linear Ceiling Systems (09 54 23)</b>		
09 54 23 00-0002			<b>0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)</b>		
			Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF		4" Panel Width, 0.032" Aluminum, Linear Ceiling System .....	10.50	1.10
			For Up To 50, Add	2.63	
			For >50 To 200, Add	1.58	
			For >200 To 500, Add	0.66	
			For >2,500, Deduct	-0.53	
			For Ceilings >10' High, Add	0.20	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-1.95	
			For Curved Ceilings, Add	0.75	
09 54 23 00-0004	SF		8" Panel Width, 0.032" Aluminum, Linear Ceiling System .....	8.42	1.10
			For Up To 50, Add	2.30	
			For >50 To 200, Add	1.36	
			For >200 To 500, Add	0.55	
			For >2,500, Deduct	-0.42	
			For Ceilings >10' High, Add	0.19	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-0.96	
			For Curved Ceilings, Add	0.74	
09 54 23 00-0005	SF		12" Panel Width, 0.032" Aluminum, Linear Ceiling System.....	7.63	1.10
			For Up To 50, Add	2.16	
			For >50 To 200, Add	1.27	
			For >200 To 500, Add	0.51	
			For >2,500, Deduct	-0.38	
			For Ceilings >10' High, Add	0.19	
			For Linear Ceiling Systems Without Filler Strips, Deduct	-0.65	
			For Curved Ceilings, Add	0.73	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Specialty Ceilings	09 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 54 23 00-0006 Tin Ceilings (09 54 23)</b>		
09 54 23 00-0007 SF 2' x 2' Tin Ceiling Embossed Panels.....	10.82	1.71
For Up To 50, Add	2.44	
For >50 To 200, Add	1.49	
For >200 To 500, Add	0.64	
For >2,500, Deduct	-0.54	
For Ceilings >10' High, Add	0.15	
09 54 23 00-0008 SF 12" x 12" Tin Ceiling Embossed Plates.....	16.15	1.10
For Up To 50, Add	3.29	
For >50 To 200, Add	2.05	
For >200 To 500, Add	0.92	
For >2,500, Deduct	-0.81	
For Ceilings >10' High, Add	0.16	
09 54 23 00-0009 SF 12" x 24" Tin Ceiling Embossed Plates.....	11.70	1.10
For Up To 50, Add	2.62	
For >50 To 200, Add	1.60	
For >200 To 500, Add	0.69	
For >2,500, Deduct	-0.59	
For Ceilings >10' High, Add	0.16	
09 54 23 00-0010 SF 24" x 24" Tin Ceiling Embossed Plates.....	10.75	1.10
For Up To 50, Add	2.41	
For >50 To 200, Add	1.48	
For >200 To 500, Add	0.64	
For >2,500, Deduct	-0.54	
For Ceilings >10' High, Add	0.15	
09 54 23 00-0011 SF 24" x 48" Tin Ceiling Embossed Plates.....	9.38	0.83
For Up To 50, Add	2.11	
For >50 To 200, Add	1.29	
For >200 To 500, Add	0.56	
For >2,500, Deduct	-0.47	
For Ceilings >10' High, Add	0.13	
09 54 23 00-0012 LF 3" Or 4" Wide Embossed Molding.....	7.08	1.65
09 54 23 00-0013 LF 6" Wide Embossed Molding.....	8.92	1.92
09 54 23 00-0014 LF 12" Wide Embossed Molding.....	12.01	2.25
09 54 23 00-0015 EA 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell.....	20.36	5.22
09 54 23 00-0016 EA 12" Wide Embossed Cross, Tee Or Ell.....	28.51	6.10
<b>09 57 Special Function Ceilings (09 50)</b>		
<b>09 57 00 00-0001 High Impact Ceiling Systems (09 57)</b>		
09 57 00 00-0002 SF Polyvinyl Chloride Face High Impact Ceiling Panels .....	3.80	0.47
For Ceilings >10' High, Add	0.06	
09 57 00 00-0003 SF High Impact Clips.....	1.39	0.38
For Ceilings >10' High, Add	0.05	
<b>09 60 Flooring (09)</b>		
<b>09 61 Flooring Treatment (09 60)</b>		
<b>09 61 13 Slip-Resistant Flooring Treatment (09 61)</b>		
<b>09 61 13 00-0001 Anti-Slip Tape (09 61 13)</b>		
Note: Grit sandpaper surface with adhesive back.		
09 61 13 00-0002 LF 1" Anti-Slip Tape.....	1.34	0.96
09 61 13 00-0003 LF 2" Anti-Slip Tape.....	1.73	1.05
09 61 13 00-0004 LF 3" Anti-Slip Tape.....	2.11	1.15
09 61 13 00-0005 LF 4" Anti-Slip Tape.....	2.48	1.27
09 61 13 00-0006 LF 6" Anti-Slip Tape.....	3.22	1.40
09 61 13 00-0007 LF 12" Anti-Slip Tape.....	5.72	2.10
09 61 13 00-0008 LF 24" Anti-Slip Tape.....	8.05	3.15
<b>09 63 Masonry Flooring (09 60)</b>		
<b>09 63 13 Brick Flooring (09 63)</b>		
<b>09 63 13 00-0001 Clay Bricks (09 63 13)</b>		
09 63 13 00-0002 SF 2-1/4" Thick Clay Brick Floor .....	15.26	4.96
For Basket Weave Pattern, Add	1.06	
For Herringbone Pattern, Add	1.42	
For Epoxy Joints, Add	3.49	
09 63 13 00-0003 SF 3" Thick Clay Brick Floor.....	17.30	4.96
For Basket Weave Pattern, Add	1.06	
For Herringbone Pattern, Add	1.42	
For Epoxy Joints, Add	3.49	
09 63 13 00-0004 SF 1/2" Thick Unglazed Clay Brick Floor.....	9.54	4.96
For Basket Weave Pattern, Add	1.06	
For Herringbone Pattern, Add	1.42	
For Epoxy Joints, Add	3.49	

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	09 63 Masonry Flooring



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 63	13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor ..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	11.39 1.06 1.42 3.49	4.96
09 63	13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	10.37 1.06 1.42 3.49	4.96
09 63	13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor ..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	12.82 1.06 1.42 3.49	4.96
09 63	13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	11.16 1.06 1.42 3.49	4.96
09 63	13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor..... <i>For Basket Weave Pattern, Add</i> <i>For Herringbone Pattern, Add</i> <i>For Epoxy Joints, Add</i>	14.26 1.06 1.42 3.49	4.96

**09 63 43 Composition Stone Flooring (09 63)**

09 63 43 00-0001	Cupric Oxychloride Cement, Seamless Flooring System (09 63 43)				
Note: Chemical and slip resistant. OSHA and USDA approved.					
09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied .....	9.11		2.72

**09 64 Wood Flooring (09 60)**

**09 64 13 Wood Flooring Underlayment (09 64)**

09 64 13 00-0001	Wood Flooring Underlayment (09 64 13)				
09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment .....	0.25		
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment .....	0.25		
09 64 13 00-0004	SF	30 LB, Waxed Paper, Wood Flooring Underlayment .....	0.26		
09 64 13 00-0005	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment .....	0.28		
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment .....	0.37		
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment .....	0.45		
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment.....	1.19		
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment.....	1.25		
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15) .....	0.44		
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180) .....	0.54		
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193) .....	0.59		
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026) .....	0.72		
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105) .....	0.73		

**09 64 23 Wood Parquet Flooring (09 64)**

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001	Hardwood Parquet Flooring (09 64 23)				
09 64 23 00-0002	SF	Oak Parquet Flooring 5/16" Thick.....	5.89		0.47
		<i>For Up To 20, Add</i>	2.23		
		<i>For &gt;20 To 50, Add</i>	1.19		
		<i>For &gt;50 To 100, Add</i>	0.59		
		<i>For &gt;100 To 300, Add</i>	0.30		

**09 64 29 Wood Strip And Plank Flooring (09 64)**

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001	Unfinished Fir, Wood Strip Flooring (09 64 29)				
09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring.....	7.01		0.47
		<i>For Factory Finish, Add</i>	0.49		
		<i>For Random Width Floor, Add</i>	1.65		
		<i>For Up To 20, Add</i>	2.02		
		<i>For &gt;20 To 50, Add</i>	1.13		
		<i>For &gt;50 To 100, Add</i>	0.57		
		<i>For &gt;100 To 300, Add</i>	0.28		

**09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring (09 64 29)**

**09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)**

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring .....	5.35		0.47
		<i>For Factory Finish, Add</i>	0.25		
		<i>For Random Width Floor, Add</i>	1.20		
		<i>For Up To 20, Add</i>	2.07		
		<i>For &gt;20 To 50, Add</i>	1.10		
		<i>For &gt;50 To 100, Add</i>	0.55		
		<i>For &gt;100 To 300, Add</i>	0.27		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Wood Flooring	09 64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0006	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	5.68	0.47
			<i>For Factory Finish, Add</i>	0.29	
			<i>For Random Width Floor, Add</i>	1.28	
			<i>For Up To 20, Add</i>	2.12	
			<i>For &gt;20 To 50, Add</i>	1.13	
			<i>For &gt;50 To 100, Add</i>	0.57	
			<i>For &gt;100 To 300, Add</i>	0.28	
09 64 29 00-0007	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	6.17	0.47
			<i>For Factory Finish, Add</i>	0.34	
			<i>For Random Width Floor, Add</i>	1.40	
			<i>For Up To 20, Add</i>	2.19	
			<i>For &gt;20 To 50, Add</i>	1.18	
			<i>For &gt;50 To 100, Add</i>	0.59	
			<i>For &gt;100 To 300, Add</i>	0.29	
09 64 29 00-0008	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring.....	4.80	0.47
			<i>For Factory Finish, Add</i>	0.27	
			<i>For Random Width Floor, Add</i>	1.09	
			<i>For Up To 20, Add</i>	1.69	
			<i>For &gt;20 To 50, Add</i>	0.91	
			<i>For &gt;50 To 100, Add</i>	0.46	
			<i>For &gt;100 To 300, Add</i>	0.23	
09 64 29 00-0009	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring.....	5.06	0.47
			<i>For Factory Finish, Add</i>	0.29	
			<i>For Random Width Floor, Add</i>	1.16	
			<i>For Up To 20, Add</i>	1.73	
			<i>For &gt;20 To 50, Add</i>	0.94	
			<i>For &gt;50 To 100, Add</i>	0.47	
			<i>For &gt;100 To 300, Add</i>	0.23	
09 64 29 00-0010	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	5.57	0.47
			<i>For Factory Finish, Add</i>	0.34	
			<i>For Random Width Floor, Add</i>	1.29	
			<i>For Up To 20, Add</i>	1.80	
			<i>For &gt;20 To 50, Add</i>	0.99	
			<i>For &gt;50 To 100, Add</i>	0.49	
			<i>For &gt;100 To 300, Add</i>	0.25	
<b>09 64 29 00-0011</b>			<b>Unfinished Red Oak, Wood Strip Flooring</b> (09 64 29 00-0003)		
09 64 29 00-0012	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	5.40	0.47
			<i>For Factory Finish, Add</i>	0.26	
			<i>For Random Width Floor, Add</i>	1.21	
			<i>For Up To 20, Add</i>	2.07	
			<i>For &gt;20 To 50, Add</i>	1.10	
			<i>For &gt;50 To 100, Add</i>	0.55	
			<i>For &gt;100 To 300, Add</i>	0.28	
09 64 29 00-0013	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	5.73	0.47
			<i>For Factory Finish, Add</i>	0.29	
			<i>For Random Width Floor, Add</i>	1.29	
			<i>For Up To 20, Add</i>	2.12	
			<i>For &gt;20 To 50, Add</i>	1.14	
			<i>For &gt;50 To 100, Add</i>	0.57	
			<i>For &gt;100 To 300, Add</i>	0.28	
09 64 29 00-0014	SF		2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring.....	6.23	0.47
			<i>For Factory Finish, Add</i>	0.34	
			<i>For Random Width Floor, Add</i>	1.42	
			<i>For Up To 20, Add</i>	2.20	
			<i>For &gt;20 To 50, Add</i>	1.19	
			<i>For &gt;50 To 100, Add</i>	0.59	
			<i>For &gt;100 To 300, Add</i>	0.30	
09 64 29 00-0015	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	4.85	0.47
			<i>For Factory Finish, Add</i>	0.27	
			<i>For Random Width Floor, Add</i>	1.11	
			<i>For Up To 20, Add</i>	1.70	
			<i>For &gt;20 To 50, Add</i>	0.92	
			<i>For &gt;50 To 100, Add</i>	0.46	
			<i>For &gt;100 To 300, Add</i>	0.23	
09 64 29 00-0016	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	5.18	0.47
			<i>For Factory Finish, Add</i>	0.30	
			<i>For Random Width Floor, Add</i>	1.19	
			<i>For Up To 20, Add</i>	1.74	
			<i>For &gt;20 To 50, Add</i>	0.95	
			<i>For &gt;50 To 100, Add</i>	0.47	
			<i>For &gt;100 To 300, Add</i>	0.24	
09 64 29 00-0017	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring.....	5.63	0.47
			<i>For Factory Finish, Add</i>	0.35	
			<i>For Random Width Floor, Add</i>	1.30	
			<i>For Up To 20, Add</i>	1.81	
			<i>For &gt;20 To 50, Add</i>	0.99	
			<i>For &gt;50 To 100, Add</i>	0.50	
			<i>For &gt;100 To 300, Add</i>	0.25	
09 64 29 00-0018			Unfinished Maple, Wood Strip Flooring (09 64 29)		
09 64 29 00-0019			25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)		

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 64 Wood Flooring</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....		6.62	0.47
		<i>For Factory Finish, Add</i>		0.38	
		<i>For Random Width Floor, Add</i>		1.51	
		<i>For Up To 20, Add</i>		2.26	
		<i>For &gt;20 To 50, Add</i>		1.22	
		<i>For &gt;50 To 100, Add</i>		0.61	
		<i>For &gt;100 To 300, Add</i>		0.31	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....		6.06	0.47
		<i>For Factory Finish, Add</i>		0.33	
		<i>For Random Width Floor, Add</i>		1.37	
		<i>For Up To 20, Add</i>		2.17	
		<i>For &gt;20 To 50, Add</i>		1.17	
		<i>For &gt;50 To 100, Add</i>		0.58	
		<i>For &gt;100 To 300, Add</i>		0.29	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....		6.18	0.47
		<i>For Factory Finish, Add</i>		0.40	
		<i>For Random Width Floor, Add</i>		1.44	
		<i>For Up To 20, Add</i>		1.89	
		<i>For &gt;20 To 50, Add</i>		1.05	
		<i>For &gt;50 To 100, Add</i>		0.52	
		<i>For &gt;100 To 300, Add</i>		0.26	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....		5.63	0.47
		<i>For Factory Finish, Add</i>		0.35	
		<i>For Random Width Floor, Add</i>		1.30	
		<i>For Up To 20, Add</i>		1.81	
		<i>For &gt;20 To 50, Add</i>		0.99	
		<i>For &gt;50 To 100, Add</i>		0.50	
		<i>For &gt;100 To 300, Add</i>		0.25	
<b>09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)</b>					
09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....		7.81	0.47
		<i>For Factory Finish, Add</i>		0.50	
		<i>For Random Width Floor, Add</i>		1.81	
		<i>For Up To 20, Add</i>		2.44	
		<i>For &gt;20 To 50, Add</i>		1.34	
		<i>For &gt;50 To 100, Add</i>		0.67	
		<i>For &gt;100 To 300, Add</i>		0.34	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....		7.07	0.47
		<i>For Factory Finish, Add</i>		0.43	
		<i>For Random Width Floor, Add</i>		1.63	
		<i>For Up To 20, Add</i>		2.33	
		<i>For &gt;20 To 50, Add</i>		1.27	
		<i>For &gt;50 To 100, Add</i>		0.63	
		<i>For &gt;100 To 300, Add</i>		0.32	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....		7.44	0.47
		<i>For Factory Finish, Add</i>		0.53	
		<i>For Random Width Floor, Add</i>		1.75	
		<i>For Up To 20, Add</i>		2.08	
		<i>For &gt;20 To 50, Add</i>		1.17	
		<i>For &gt;50 To 100, Add</i>		0.59	
		<i>For &gt;100 To 300, Add</i>		0.29	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....		6.71	0.47
		<i>For Factory Finish, Add</i>		0.46	
		<i>For Random Width Floor, Add</i>		1.57	
		<i>For Up To 20, Add</i>		1.97	
		<i>For &gt;20 To 50, Add</i>		1.10	
		<i>For &gt;50 To 100, Add</i>		0.55	
		<i>For &gt;100 To 300, Add</i>		0.28	
<b>09 64 29 00-0029 Prefinished Engineered Wood Flooring (09 64 29)</b>					
Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.					
09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring.....		8.19	0.47
		<i>For Up To 20, Add</i>		2.07	
		<i>For &gt;20 To 50, Add</i>		1.19	
		<i>For &gt;50 To 100, Add</i>		0.60	
		<i>For &gt;100 To 300, Add</i>		0.30	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring.....		8.19	0.47
		<i>For Up To 20, Add</i>		2.07	
		<i>For &gt;20 To 50, Add</i>		1.19	
		<i>For &gt;50 To 100, Add</i>		0.60	
		<i>For &gt;100 To 300, Add</i>		0.30	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring.....		7.92	0.47
		<i>For Up To 20, Add</i>		2.03	
		<i>For &gt;20 To 50, Add</i>		1.17	
		<i>For &gt;50 To 100, Add</i>		0.58	
		<i>For &gt;100 To 300, Add</i>		0.29	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Wood Flooring	09 64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0033 SF 1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring .....	8.13	0.47
For Up To 20, Add	2.06	
For >20 To 50, Add	1.19	
For >50 To 100, Add	0.59	
For >100 To 300, Add	0.30	
<b>09 64 66 Wood Athletic Flooring (09 64)</b>		
Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.		
<b>09 64 66 00-0001 Wood Gym/Stage/Dance Floors (09 64 66)</b>		
Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0002 SF 25/32" Maple Wood Gym/Stage/Dance Floor .....	7.82	2.38
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0003 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....	10.55	3.10
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0004 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) .....	11.29	3.10
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0005 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) .....	12.96	3.10
Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0006 SF Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....	12.22	3.10
Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
09 64 66 00-0007 SF Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock).....	13.52	3.10
Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
For Oak Or Birch, Deduct	-0.20	
For Pine, Deduct	-0.30	
For #1 Grade Material, Add	0.50	
<b>09 65 Resilient Flooring (09 60)</b>		
See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.		
<b>09 65 13 Resilient Base And Accessories (09 65)</b>		
<b>09 65 13 13 Resilient Base (09 65 13)</b>		
<b>09 65 13 13-0001 Vinyl Plastic Wall Base (09 65 13 13)</b>		
Note: Includes inside and outside premolded corners.		
09 65 13 13-0002 LF 4" High, 1/8" Vinyl Plastic Base, All Colors .....	1.93	0.59
09 65 13 13-0003 LF 6" High, 1/8" Vinyl Plastic Base, All Colors .....	2.68	0.72
<b>09 65 13 13-0004 1/8" Thick Rubber Wall Base (09 65 13 13)</b>		
09 65 13 13-0005 LF 4" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber .....	2.00	0.72
09 65 13 13-0006 LF 6" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber .....	2.19	0.72
09 65 13 13-0007 LF 4" High, 1/8" Rubber Base, Group 2 All (Except White).....	2.07	0.72
09 65 13 13-0008 LF 6" High, 1/8" Rubber Base, Group 2 All (Except White).....	2.32	0.72
09 65 13 13-0009 LF 4" High, 1/8" Rubber Base, Group 3 White Only.....	1.96	0.72
09 65 13 13-0010 LF 6" High, 1/8" Rubber Base, Group 3 Only.....	2.21	0.72
09 65 13 13-0011 EA 4" High, 1/8" Rubber Corner .....	2.52	0.72
09 65 13 13-0012 EA 6" High, 1/8" Rubber Corner .....	2.79	0.72
<b>09 65 13 23 Resilient Stair Treads And Risers (09 65 13)</b>		
Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.		
09 65 13 23-0001 Rubber Stair Treads and Risers (09 65 13 23)		
09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread (09 65 13 23-0001)		
09 65 13 23-0003 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	11.43	0.96
Note: Raised disc or other pattern.		
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	

**09 Finishes****09 60 Flooring****09 65 Resilient Flooring**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0004 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Raised disc or other pattern.	12.27	1.03
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0005 LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Raised disc or other pattern.	15.24	1.10
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
<b>09 65 13 23-0006 Smooth Surface Rubber Stair Tread</b> (09 65 13 23-0001)		
09 65 13 23-0007 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Smooth surface.	10.64	0.96
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0008 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Smooth surface.	11.38	1.03
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0009 LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Smooth surface.	14.08	1.10
For Abrasive Strip, Add	2.75	
For Photo Luminescent Abrasive Strip, Add	3.75	
<b>09 65 13 23-0010 Smooth Surface Rubber Stair Riser</b> (09 65 13 23-0001)		
09 65 13 23-0011 LF 1/8" Thick, Smooth Surface Rubber Stair Riser .....	6.21	0.57
<b>09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats</b> (09 65 13 23-0001)		
09 65 13 23-0013 SF 1/8" Thick, Rubber Landing Mats .....	13.13	0.88
Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014 SF 3/16" Thick, Rubber Landing Mats .....	15.75	0.96
Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015 SF 7/32" Thick, Rubber Landing Mats .....	17.10	1.07
Note: Smooth, raised disc or other patterned surface.		
<b>09 65 13 23-0016 Vinyl Stair Treads and Risers</b> (09 65 13 23)		
<b>09 65 13 23-0017 Ribbed Vinyl Stair Tread</b> (09 65 13 23-0016)		
09 65 13 23-0018 LF 1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread .....	8.83	0.87
For Abrasive Strip, Add	2.75	
09 65 13 23-0019 LF 3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread .....	9.76	0.96
For Abrasive Strip, Add	2.75	
09 65 13 23-0020 LF 1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread .....	11.80	1.03
For Abrasive Strip, Add	2.75	
<b>09 65 13 23-0021 Smooth Surface Vinyl Stair Riser</b> (09 65 13 23-0016)		
09 65 13 23-0022 LF 1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser .....	4.87	0.57
<b>09 65 13 33 Resilient Accessories</b> (09 65 13)		
<b>09 65 13 33-0001 Flexible Self Leveling Cementitious Underlayments</b> (09 65 13 33)		
09 65 13 33-0002 SF 1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	0.88	0.47
09 65 13 33-0003 SF 1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	1.39	0.47
<b>09 65 13 33-0004 Concrete Floor Prep</b> (09 65 13 33)		
09 65 13 33-0005 SF Remove Glue From Concrete Floor .....	0.59	
Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
<b>09 65 13 36 Resilient Carpet Transitions</b> (09 65 13)		
<b>09 65 13 36-0001 Vinyl Transition Strip</b> (09 65 13 36)		
09 65 13 36-0002 LF Vinyl Transition Strip, Brown Or Black .....	1.15	0.43
09 65 13 36-0003 LF Vinyl Floor Tile Reducer Strip, Brown Or Black .....	1.03	0.43
09 65 13 36-0004 LF Vinyl Floor Tile Feature Strip, Brown Or Black .....	0.89	0.43
<b>09 65 16 Resilient Sheet Flooring</b> (09 65)		
<b>09 65 16 23 Vinyl Sheet Flooring</b> (09 65 16)		
09 65 16 23-0001 Vinyl Sheet Flooring (09 65 16 23) Note: For flash cove application, add additional square foot of material to form cove base.		





<b>Finishes</b>	<b>09</b>	<b>9</b>
Flooring	09 60	
Resilient Flooring	09 65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0002	SF		0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®).....	5.56	0.35
			For Up To 40, Add	2.06	
			For >40 To 100, Add	1.03	
			For >1,000, Deduct	-0.48	
09 65 16 23-0003	SF		0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medley™).....	4.53	0.35
			For Up To 40, Add	1.86	
			For >40 To 100, Add	0.93	
			For >1,000, Deduct	-0.38	
09 65 16 23-0004	SF		0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®).....	2.92	0.35
			For Up To 40, Add	1.53	
			For >40 To 100, Add	0.77	
			For >1,000, Deduct	-0.22	
09 65 16 23-0005	SF		0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™).....	3.82	0.35
			For Up To 40, Add	1.71	
			For >40 To 100, Add	0.86	
			For >1,000, Deduct	-0.31	
09 65 16 23-0006	SF		0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®).....	5.14	0.35
			For Up To 40, Add	1.98	
			For >40 To 100, Add	0.99	
			For >1,000, Deduct	-0.44	
09 65 16 23-0007	SF		0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®).....	7.14	0.35
			For Up To 40, Add	2.38	
			For >40 To 100, Add	1.19	
			For >1,000, Deduct	-0.64	
09 65 16 23-0008			<b>Heat Welding Vinyl Sheet Flooring Seams</b> (09 65 16 23) Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 16 23-0009	LF		Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	3.38	
09 65 16 23-0010	LF		Heat Weld Patterned Vinyl Sheet Flooring Seams .....	3.60	
09 65 16 23-0011			<b>Forming Vinyl Sheet Flooring Inside/Outside Cove Corners</b> (09 65 16 23) Note: Excludes heat welding.		
09 65 16 23-0012	EA		Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	7.95	
09 65 16 23-0013			<b>Vinyl Sheet Flooring Accessories</b> (09 65 16 23)		
09 65 16 23-0014	LF		1/2" Radius Vinyl Cove Filler Strip.....	2.14	
09 65 16 23-0015	LF		1-1/4" Radius Vinyl Cove Filler Strip.....	1.91	
09 65 16 23-0016	LF		1-1/2" Radius Vinyl Cove Filler Strip.....	2.95	
09 65 16 23-0017	LF		1/8" Aluminum Cove Cap.....	1.47	
09 65 19			<b>Resilient Tile Flooring</b> (09 65) Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.		
09 65 19 19			<b>Vinyl Composition Tile Flooring</b> (09 65 19)		
09 65 19 19-0001			<b>Vinyl Composition Tile (VCT)</b> (09 65 19 19) Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.		
09 65 19 19-0002	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®).....	1.81	0.72
			For Up To 100, Add	0.14	
			For >1,000 To 3,000, Deduct	-0.04	
			For >3,000 To 6,000, Deduct	-0.10	
			For >6,000, Deduct	-0.19	
			For 3/32" Thick, Deduct	-0.09	
			For Extra Stock, Material Only, Deduct	-0.85	
			For Up To 20, Add	0.63	
			For >20 To 40, Add	0.36	
09 65 19 19-0003	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™).....	1.81	0.72
			For Up To 100, Add	0.14	
			For >1,000 To 3,000, Deduct	-0.04	
			For >3,000 To 6,000, Deduct	-0.10	
			For >6,000, Deduct	-0.19	
			For Extra Stock, Material Only, Deduct	-0.85	
			For Up To 20, Add	0.63	
			For >20 To 40, Add	0.36	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 65 Resilient Flooring</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0004	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	1.81	0.72
			<i>For Up To 100, Add</i>	0.14	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.04	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.10	
			<i>For &gt;6,000, Deduct</i>	-0.19	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.63	
			<i>For &gt;20 To 40, Add</i>	0.36	
09 65 19 19-0005	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™).....	2.69	0.72
			<i>For Up To 100, Add</i>	0.18	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.06	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.14	
			<i>For &gt;6,000, Deduct</i>	-0.24	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.76	
			<i>For &gt;20 To 40, Add</i>	0.45	
09 65 19 19-0006	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	2.70	0.72
			<i>For Up To 100, Add</i>	0.18	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.06	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.14	
			<i>For &gt;6,000, Deduct</i>	-0.24	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.76	
			<i>For &gt;20 To 40, Add</i>	0.45	
09 65 19 19-0007	SF		1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®) .....	2.87	0.72
			<i>For Up To 100, Add</i>	0.19	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.06	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.15	
			<i>For &gt;6,000, Deduct</i>	-0.25	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.79	
			<i>For &gt;20 To 40, Add</i>	0.47	
09 65 19 19-0008	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®) .....	2.89	0.72
			<i>For Up To 100, Add</i>	0.19	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.06	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.15	
			<i>For &gt;6,000, Deduct</i>	-0.25	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.79	
			<i>For &gt;20 To 40, Add</i>	0.47	
09 65 19 19-0009	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™) .....	3.00	0.72
			<i>For Up To 100, Add</i>	0.19	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.06	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.15	
			<i>For &gt;6,000, Deduct</i>	-0.26	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.81	
			<i>For &gt;20 To 40, Add</i>	0.48	
09 65 19 19-0010	SF		1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™).....	3.96	0.72
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.08	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.19	
			<i>For &gt;6,000, Deduct</i>	-0.32	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	0.95	
			<i>For &gt;20 To 40, Add</i>	0.57	
09 65 19 19-0011	SF		1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	4.33	0.72
			<i>For Up To 100, Add</i>	0.26	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.09	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.20	
			<i>For &gt;6,000, Deduct</i>	-0.34	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	1.01	
			<i>For &gt;20 To 40, Add</i>	0.61	
09 65 19 19-0012	SF		1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™) .....	5.81	0.72
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.12	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.26	
			<i>For &gt;6,000, Deduct</i>	-0.43	
			<i>For Extra Stock, Material Only, Deduct</i>	-0.85	
			<i>For Up To 20, Add</i>	1.23	
			<i>For &gt;20 To 40, Add</i>	0.76	

**09 65 19 23 Vinyl Tile Flooring** (09 65 19)

09 65 19 23-0001 Vinyl Tile (09 65 19 23)  
Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) (09 65 19 23-0001)  
Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande).....	4.79	0.72
			<i>For Up To 100, Add</i>	0.30	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.10	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.23	
			<i>For &gt;6,000, Deduct</i>	-0.40	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Resilient Flooring	09 65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0004 SF 1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors) .....	4.92	0.72
For Up To 100, Add	0.31	
For >1,000 To 3,000, Deduct	-0.10	
For >3,000 To 6,000, Deduct	-0.24	
For >6,000, Deduct	-0.41	
For Up To 20, Add	1.23	
For >20 To 40, Add	0.74	
09 65 19 23-0005 SF 1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR) .....	5.01	0.72
For Up To 100, Add	0.31	
For >1,000 To 3,000, Deduct	-0.11	
For >3,000 To 6,000, Deduct	-0.24	
For >6,000, Deduct	-0.41	
<b>09 65 19 33 Rubber Tile Flooring (09 65 19)</b>		
09 65 19 33-0001 Rubber Tile (09 65 19 33)		
09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0001)		
09 65 19 33-0003 SF 1/8" Thick Rubber Tile .....	11.44	0.43
Note: Smooth, raised disc or other patterned surface.		
For Up To 100, Add	0.62	
09 65 19 33-0004 SF 3/16" Thick Rubber Tile .....	13.90	0.47
Note: Smooth, raised disc or other patterned surface.		
For Up To 100, Add	0.74	
09 65 19 33-0005 SF 7/32" Thick Rubber Tile .....	15.24	0.47
Note: Smooth, raised disc or other patterned surface.		
For Up To 100, Add	0.81	
<b>09 65 19 43 Polyester Composition Tile Flooring (09 65 19)</b>		
09 65 19 43-0001 Polyester Composition Floor Tile (09 65 19 43)		
Note: Any size.		
09 65 19 43-0002 SF 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®) .....	2.75	0.72
For Up To 100, Add	0.18	
For >1,000 To 3,000, Deduct	-0.06	
For >3,000 To 6,000, Deduct	-0.14	
For >6,000, Deduct	-0.25	
For Extra Stock, Material Only, Deduct	-0.85	
For Up To 20, Add	0.77	
For >20 To 40, Add	0.45	
09 65 19 43-0003 SF 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®) .....	3.15	0.72
For Up To 100, Add	0.20	
For >1,000 To 3,000, Deduct	-0.07	
For >3,000 To 6,000, Deduct	-0.16	
For >6,000, Deduct	-0.27	
For Extra Stock, Material Only, Deduct	-0.85	
For Up To 20, Add	0.83	
For >20 To 40, Add	0.49	
<b>09 65 43 Linoleum Flooring (09 65)</b>		
09 65 43 00-0001 Linoleum Flooring (09 65 43)		
09 65 43 00-0002 SF Linoleum Tile (Forbo Marmoleum Composition Tile, MCT) .....	3.52	0.72
For Up To 20, Add	1.02	
For >20 To 40, Add	0.60	
09 65 43 00-0003 SF 2.5mm, Linoleum Sheet (Forbo Marmoleum) .....	2.64	0.35
For Up To 20, Add	0.69	
For >20 To 40, Add	0.41	
For 3.2mm Thickness, Add	0.38	
For 2mm Thickness, Deduct	-0.18	
09 65 43 00-0004 LF Heat Weld Linoleum Sheet Flooring Seams .....	3.39	
Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
<b>09 65 66 Resilient Athletic Flooring (09 65)</b>		
09 65 66 00-0001 Sheet Goods For Gym (09 65 66)		
09 65 66 00-0002 SF 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor .....	5.80	2.01
09 65 66 00-0003 SF 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor .....	5.97	2.01
09 65 66 00-0004 SF 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor .....	6.15	2.01
09 65 66 00-0005 SF 1/8" Rubber Sheet Good For Gym Floor Base .....	5.24	2.23
09 65 66 00-0006 SF 3/16" Rubber Sheet Good For Gym Floor Base .....	6.72	2.67
09 65 66 00-0007 SF 1/4" Rubber Sheet Good For Gym Floor Base .....	7.61	2.95
09 65 66 00-0008 Interlocking Rubber Flooring (09 65 66)		
09 65 66 00-0009 SF 3/8" Interlocking Rubber Athletic Flooring (Pawling HL-155) .....	20.61	0.33
Note: Black with hidden or exposed locks.		
For Colors, Add	2.52	

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	09 65 Resilient Flooring



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 66 00-0010 SF 9/16" Interlocking Rubber Athletic Flooring (Pawling HL-100) ..... Note: Black with hidden or exposed locks.	31.81	0.33
For Colors, Add	3.92	
09 65 66 00-0011 SF 7/16" Interlocking Rubber Athletic Flooring (Pawling PL-100)..... Note: Black with hidden or exposed locks.	18.36	0.33
For Colors, Add	2.24	
09 65 66 00-0012 SF 9/16" Interlocking Rubber Athletic Flooring (Pawling PL-200)..... Note: Black with hidden or exposed locks.	22.03	0.33
For Colors, Add	2.70	
09 65 66 00-0013 SF 7/16" Interlocking Rubber Athletic Flooring (Pawling FL-150)..... Note: Black with hidden or exposed locks.	18.36	0.33
For Colors, Add	2.24	
<b>09 65 66 00-0014 Polyurethane Floor Systems (09 65 66)</b> See CSI section 09 93 23 53-0022 for game lines.		
09 65 66 00-0015 SF 7 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic) .....	10.49	0.96
09 65 66 00-0016 SF 9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic) .....	11.71	0.96
<b>09 66 Terrazzo Flooring (09 60)</b>		
<b>09 66 13 Portland Cement Terrazzo Flooring (09 66)</b> Note: Excludes divider strips.		
<b>09 66 13 00-0001 Floors Bonded To Concrete (09 66 13)</b> Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 00-0002 SF Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping .....	14.25	1.34
For Venetian Type Terrazzo, Add	4.37	
For Abrasive Heavy Duty Terrazzo, Add	4.37	
For Colors, Add	2.19	
For Up To 100, Add	3.08	
For >100 To 250, Add	1.54	
09 66 13 00-0003 SF Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	14.35	1.34
For Venetian Type Terrazzo, Add	4.42	
For Abrasive Heavy Duty Terrazzo, Add	4.42	
For Colors, Add	2.21	
For Up To 100, Add	3.09	
For >100 To 250, Add	1.54	
<b>09 66 13 00-0004 Floors Not Bonded To Concrete (09 66 13)</b> Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 00-0005 SF Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	17.76	1.34
For Venetian Type Terrazzo, Add	5.30	
For Abrasive Heavy Duty Terrazzo, Add	5.30	
For Colors, Add	2.65	
For Up To 100, Add	3.93	
For >100 To 250, Add	1.96	
09 66 13 00-0006 SF Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion .....	17.86	1.34
For Venetian Type Terrazzo, Add	5.35	
For Abrasive Heavy Duty Terrazzo, Add	5.35	
For Colors, Add	2.67	
For Up To 100, Add	3.94	
For >100 To 250, Add	1.97	
<b>09 66 13 00-0007 Monolithic Terrazzo (09 66 13)</b>		
09 66 13 00-0008 SF Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5" Square Panels Topping (Including Mesh And Felt) .....	10.32	1.34
For Venetian Type Terrazzo, Add	3.86	
For Abrasive Heavy Duty Terrazzo, Add	3.86	
For Colors, Add	1.93	
For Up To 100, Add	1.82	
For >100 To 250, Add	0.91	
<b>09 66 13 00-0009 Terrazzo Wainscot (09 66 13)</b>		
09 66 13 00-0010 SF Terrazzo Wainscot Cast In Place 1-1/2" Thick Bonded To Concrete Or Masonry 1-1/2" Thick .....	17.61	1.79
For Venetian Type Terrazzo, Add	2.83	
<b>09 66 13 00-0011 Terrazzo Base (09 66 13)</b>		
09 66 13 00-0012 SF Terrazzo Base, Cast In Place, 6" Cove Type .....	19.90	1.36
For Venetian Type Terrazzo, Add	6.17	
<b>09 66 13 00-0013 Terrazzo Curb (09 66 13)</b>		
09 66 13 00-0014 LF 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces.....	46.66	9.06
For Venetian Type Terrazzo, Add	8.23	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Flooring	09 60	
Terrazzo Flooring	09 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 66 13 00-0015</b> <b>Stairs Cast In Place</b> <small>(09 66 13)</small> Note: Topping applied to concrete or metal.		
09 66 13 00-0016    LF    Cast In Place Terrazzo Stair, 1-1/2" Thick x 12" Wide, Applied To Concrete Or Metal.....	17.66	2.69
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 00-0017    LF    Cast In Place Terrazzo Stair Tread And Riser, Applied To Concrete Or Metal.....	42.93	8.96
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 00-0018    SF    Cast In Place Terrazzo Stair Stringer And Fascia, Applied To Concrete Or Metal .....	17.97	2.69
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
<b>09 66 13 00-0019</b> <b>Divider Strips</b> <small>(09 66 13)</small>		
09 66 13 00-0020    LF    1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip.....	3.02	0.45
09 66 13 00-0021    LF    1-1/4" Deep, 14 Gauge, Brass, Divider Strip .....	2.47	0.45
09 66 13 00-0022    LF    1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip .....	4.74	0.45
09 66 13 00-0023    LF    1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip .....	7.18	0.45
09 66 13 00-0024    LF    1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors.....	2.86	0.45
09 66 13 00-0025    LF    1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors.....	4.40	0.45
09 66 13 00-0026    LF    Vinyl Plastic, Divider Strip For Floor .....	2.65	0.45
<b>09 66 16</b> <b>Terrazzo Floor Tile</b> <small>(09 66)</small>		
<b>09 66 16 00-0001</b> <b>Flooring Tiles</b> <small>(09 66 16)</small> Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
<b>09 66 16 00-0002</b> <b>Terrazzo Tiles With Non Slip Surface</b> <small>(09 66 16 00-0001)</small>		
09 66 16 00-0003    SF    9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile .....	16.49	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0004    SF    12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	17.03	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0005    SF    12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile .....	19.84	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0006    SF    18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile .....	21.50	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0007    SF    24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile .....	22.81	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
<b>09 66 16 00-0008</b> <b>Terrazzo Tile Thin Set</b> <small>(09 66 16 00-0001)</small>		
09 66 16 00-0009    SF    Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed .....	16.44	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0010    SF    Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed .....	17.65	1.36
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
<b>09 66 16 00-0011</b> <b>Thin Set Terrazzo Wainscot</b> <small>(09 66 16 00-0001)</small>		
09 66 16 00-0012    SF    12" x 12" x 1" Terrazzo Tile Wainscot Thin Set.....	24.13	2.72
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0013    SF    18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set .....	27.40	2.72
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
<b>09 66 16 00-0014</b> <b>Thin Set Terrazzo Base, Gray Cement</b> <small>(09 66 16 00-0001)</small>		
09 66 16 00-0015    LF    6" High, Straight Terrazzo Base Thin Set, Gray Cement.....	8.24	1.36
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0016    LF    6" High, Cove Terrazzo Base Thin Set, Gray Cement.....	9.36	1.36
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0017    LF    8" High, Straight Terrazzo Base Thin Set, Gray Cement.....	9.70	1.36
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0018    LF    8" High, Cove Terrazzo Base Thin Set, Gray Cement.....	10.26	1.36
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 60</b>	<b>Flooring</b>
	<b>09 66</b>	<b>Terrazzo Flooring</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
<b>09 66 16 00-0019</b>		<b>Terrazzo Curbs</b> (09 66 16 00-0001)			
09 66 16 00-0020	LF	8" x 8" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>		15.68 0.50 1.00	1.81
09 66 16 00-0021	LF	6" x 6" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>		15.12 0.50 1.00	1.81
<b>09 66 16 00-0022</b>		<b>Precast Terrazzo Stair Treads 12" Wide</b> (09 66 16 00-0001)			
09 66 16 00-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern.....		43.08	1.81
09 66 16 00-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface.....		36.37	1.81
09 66 16 00-0025	LF	2" Precast Terrazzo Straight Stair Tread.....		31.90	1.81
09 66 16 00-0026	LF	2" Precast Terrazzo Curved Stair Tread.....		37.51	1.81
<b>09 66 16 00-0027</b>		<b>Stair Risers, 1" Thick To 6" High, Straight</b> (09 66 16 00-0001)			
09 66 16 00-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set.....		19.08	1.36
09 66 16 00-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....		22.44	1.36
<b>09 66 16 00-0030</b>		<b>Stair Risers, 1" Thick To 6" High, Curved</b> (09 66 16 00-0001)			
09 66 16 00-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set.....		28.63	1.36
09 66 16 00-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....		30.87	1.36
<b>09 66 16 00-0033</b>		<b>Tread And Riser</b> (09 66 16)			
<b>09 66 16 00-0034</b>		<b>Stair Stringers, Notched For Treads And Risers</b> (09 66 16 00-0033)			
09 66 16 00-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers.....		47.40	3.62
09 66 16 00-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers.....		57.37	3.62
<b>09 66 16 00-0037</b>		<b>Structural Non-Slip Landings</b> (09 66 16 00-0033)			
09 66 16 00-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....		34.35	1.81
09 66 16 00-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....		42.64	1.81
<b>09 66 16 00-0040</b>		<b>Combined Tread And Riser</b> (09 66 16 00-0033)			
<b>09 66 16 00-0041</b>		<b>Straight Sections</b> (09 66 16 00-0040)			
09 66 16 00-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....		76.57	3.62
09 66 16 00-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....		92.23	3.62
<b>09 66 16 00-0044</b>		<b>Curved Sections</b> (09 66 16 00-0040)			
09 66 16 00-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....		96.74	3.62
09 66 16 00-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....		123.58	3.62
<b>09 66 23</b>		<b>Resinous Matrix Terrazzo Flooring</b> (09 66)			
<b>09 66 23 16</b>		<b>Epoxy-Resin Terrazzo Flooring</b> (09 66 23)			
<b>09 66 23 16-0001</b>		<b>Epoxy Terrazzo</b> (09 66 23 16)			
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick.....		13.86	1.34
<b>09 67</b>		<b>Fluid-Applied Flooring</b> (09 60)			
<b>09 67 16</b>		<b>Epoxy-Marble Chip Flooring</b> (09 67)			
<b>09 67 16 00-0001</b>		<b>Epoxy Marble Chip Flooring</b> (09 67 16)			
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base..... <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		8.35 0.04 0.04	1.34
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy..... <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>		8.95 0.05 0.05	1.34
<b>09 67 29</b>		<b>Epoxy Flooring</b> (09 67)			
<b>09 67 29 00-0001</b>		<b>Epoxy Flooring</b> (09 67 29) Note: Includes primer and topcoats (assorted colors), existing floor preparation of sand or bead blasting, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes.			



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Fluid-Applied Flooring	09 67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 29 00-0002 SF Epoxy Flooring Trowel Applied Mortar Compound, 3/16" Heavy Duty (6,000 - 7,500 PSI).....	6.95	3.05
For Skid Resistant Abrasive Sand Finish, Add	0.03	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.03	
For Up To 500, Add	1.38	
For >500 To 1,000, Add	0.86	
For >1,000 To 2,000, Add	0.43	
09 67 29 00-0003 SF Epoxy Flooring Trowel Applied Mortar Compound, 3/16", Chemical Resistant (10,000 - 12,000 PSI) .....	11.03	3.05
For Skid Resistant Abrasive Sand Finish, Add	0.07	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.07	
For Up To 500, Add	2.40	
For >500 To 1,000, Add	1.48	
For >1,000 To 2,000, Add	0.74	
09 67 29 00-0004 SF Epoxy Flooring Trowel Applied Mortar Compound, 1/4" Heavy Duty (6,000 - 7,500 PSI).....	7.84	3.40
For Skid Resistant Abrasive Sand Finish, Add	0.04	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.04	
For Up To 500, Add	1.55	
For >500 To 1,000, Add	0.97	
For >1,000 To 2,000, Add	0.49	
09 67 29 00-0005 SF Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10,000 - 12,000 PSI) .....	12.51	3.40
For Skid Resistant Abrasive Sand Finish, Add	0.08	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.08	
For Up To 500, Add	2.72	
For >500 To 1,000, Add	1.67	
For >1,000 To 2,000, Add	0.84	
09 67 29 00-0006 SF Epoxy Flooring Trowel Applied Mortar Compound, 3/8" Heavy Duty (6,000 - 7,500 PSI).....	8.83	3.81
For Skid Resistant Abrasive Sand Finish, Add	0.04	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.04	
For Up To 500, Add	1.76	
For >500 To 1,000, Add	1.10	
For >1,000 To 2,000, Add	0.55	
09 67 29 00-0007 SF Epoxy Flooring Trowel Applied Mortar Compound, 3/8", Chemical Resistant (10,000 - 12,000 PSI) .....	13.78	3.81
For Skid Resistant Abrasive Sand Finish, Add	0.09	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.09	
For Up To 500, Add	3.00	
For >500 To 1,000, Add	1.84	
For >1,000 To 2,000, Add	0.92	

**09 68 Carpeting** (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

**09 68 13 Tile Carpeting** (09 68)

**09 68 13 00-0001 Tufted Carpet Tiles** (09 68 13)

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

**09 68 13 00-0002 Non-Patterned Carpet Tiles** (09 68 13 00-0001)

09 68 13 00-0003 SY 18 Ounce, Non Patterned, Nylon Carpet Tile.....	26.96	2.87
For >200 To 400, Deduct	-0.40	
For >400 To 600, Deduct	-0.60	
For >600 To 900, Deduct	-1.10	
For >900 To 1,500, Deduct	-1.61	
For >1,500 To 2,200, Deduct	-2.35	
For >2,200 To 3,500, Deduct	-3.02	
For >3,500, Deduct	-3.69	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0004 SY 20 Ounce, Non Patterned, Nylon Carpet Tile.....	28.17	2.87
For >200 To 400, Deduct	-0.42	
For >400 To 600, Deduct	-0.63	
For >600 To 900, Deduct	-1.16	
For >900 To 1,500, Deduct	-1.69	
For >1,500 To 2,200, Deduct	-2.47	
For >2,200 To 3,500, Deduct	-3.17	
For >3,500, Deduct	-3.87	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0005 SY 22 Ounce, Non Patterned, Nylon Carpet Tile.....	32.01	2.87
For >200 To 400, Deduct	-0.50	
For >400 To 600, Deduct	-0.75	
For >600 To 900, Deduct	-1.35	
For >900 To 1,500, Deduct	-1.96	
For >1,500 To 2,200, Deduct	-2.85	
For >2,200 To 3,500, Deduct	-3.65	
For >3,500, Deduct	-4.45	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0006 SY 24 Ounce, Non Patterned, Nylon Carpet Tile.....	35.75	2.87
For >200 To 400, Deduct	-0.57	
For >400 To 600, Deduct	-0.86	
For >600 To 900, Deduct	-1.54	
For >900 To 1,500, Deduct	-2.22	
For >1,500 To 2,200, Deduct	-3.22	
For >2,200 To 3,500, Deduct	-4.12	
For >3,500, Deduct	-5.01	
For Cushion Backed Tile, Add	4.90	

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0007 SY 26 Ounce, Non Patterned, Nylon Carpet Tile.....	37.94	2.87
For >200 To 400, Deduct	-0.62	
For >400 To 600, Deduct	-0.93	
For >600 To 900, Deduct	-1.65	
For >900 To 1,500, Deduct	-2.38	
For >1,500 To 2,200, Deduct	-3.44	
For >2,200 To 3,500, Deduct	-4.39	
For >3,500, Deduct	-5.34	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0008 SY 28 Ounce, Non Patterned, Nylon Carpet Tile.....	40.18	2.87
For >200 To 400, Deduct	-0.66	
For >400 To 600, Deduct	-0.99	
For >600 To 900, Deduct	-1.76	
For >900 To 1,500, Deduct	-2.53	
For >1,500 To 2,200, Deduct	-3.67	
For >2,200 To 3,500, Deduct	-4.67	
For >3,500, Deduct	-5.68	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0009 SY 30 Ounce, Non Patterned, Nylon Carpet Tile.....	40.84	2.87
For >200 To 400, Deduct	-0.68	
For >400 To 600, Deduct	-1.01	
For >600 To 900, Deduct	-1.80	
For >900 To 1,500, Deduct	-2.58	
For >1,500 To 2,200, Deduct	-3.73	
For >2,200 To 3,500, Deduct	-4.75	
For >3,500, Deduct	-5.78	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0010 SY 32 Ounce, Non Patterned, Nylon Carpet Tile.....	41.26	2.87
For >200 To 400, Deduct	-0.68	
For >400 To 600, Deduct	-1.03	
For >600 To 900, Deduct	-1.82	
For >900 To 1,500, Deduct	-2.61	
For >1,500 To 2,200, Deduct	-3.78	
For >2,200 To 3,500, Deduct	-4.81	
For >3,500, Deduct	-5.84	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0011 SY 34 Ounce, Non Patterned, Nylon Carpet Tile.....	41.61	2.87
For >200 To 400, Deduct	-0.69	
For >400 To 600, Deduct	-1.04	
For >600 To 900, Deduct	-1.83	
For >900 To 1,500, Deduct	-2.63	
For >1,500 To 2,200, Deduct	-3.81	
For >2,200 To 3,500, Deduct	-4.85	
For >3,500, Deduct	-5.89	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0012 SY 36 Ounce, Non Patterned, Nylon Carpet Tile.....	42.80	2.87
For >200 To 400, Deduct	-0.72	
For >400 To 600, Deduct	-1.07	
For >600 To 900, Deduct	-1.89	
For >900 To 1,500, Deduct	-2.72	
For >1,500 To 2,200, Deduct	-3.93	
For >2,200 To 3,500, Deduct	-5.00	
For >3,500, Deduct	-6.07	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0013 SY 38 Ounce, Non Patterned, Nylon Carpet Tile.....	45.17	2.87
For >200 To 400, Deduct	-0.76	
For >400 To 600, Deduct	-1.14	
For >600 To 900, Deduct	-2.01	
For >900 To 1,500, Deduct	-2.88	
For >1,500 To 2,200, Deduct	-4.17	
For >2,200 To 3,500, Deduct	-5.30	
For >3,500, Deduct	-6.42	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0014 SY 40 Ounce, Non Patterned, Nylon Carpet Tile.....	47.71	2.87
For >200 To 400, Deduct	-0.81	
For >400 To 600, Deduct	-1.22	
For >600 To 900, Deduct	-2.14	
For >900 To 1,500, Deduct	-3.06	
For >1,500 To 2,200, Deduct	-4.42	
For >2,200 To 3,500, Deduct	-5.61	
For >3,500, Deduct	-6.81	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0015 SY 42 Ounce, Non Patterned, Nylon Carpet Tile.....	52.59	2.87
For >200 To 400, Deduct	-0.91	
For >400 To 600, Deduct	-1.37	
For >600 To 900, Deduct	-2.38	
For >900 To 1,500, Deduct	-3.40	
For >1,500 To 2,200, Deduct	-4.91	
For >2,200 To 3,500, Deduct	-6.22	
For >3,500, Deduct	-7.54	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	4.90	
09 68 13 00-0016 SY Installation Of Owner Provided Non Patterned Carpet Tiles.....	7.08	





	<b>Finishes</b>	<b>09</b>	
	Flooring	09 60	09
	Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0017		<b>Patterned Carpet Tiles</b> <small>(09 68 13 00-0001)</small>		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68	13 00-0018	SY	18 Ounce, Patterned, Nylon Carpet Tile .....	27.95	2.87
			For >200 To 400, Deduct	-0.40	
			For >400 To 600, Deduct	-0.61	
			For >600 To 900, Deduct	-1.13	
			For >900 To 1,500, Deduct	-1.65	
			For >1,500 To 2,200, Deduct	-2.41	
			For >2,200 To 3,500, Deduct	-3.11	
			For >3,500, Deduct	-3.81	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0019	SY	20 Ounce, Patterned, Nylon Carpet Tile .....	29.18	2.87
			For >200 To 400, Deduct	-0.43	
			For >400 To 600, Deduct	-0.64	
			For >600 To 900, Deduct	-1.19	
			For >900 To 1,500, Deduct	-1.73	
			For >1,500 To 2,200, Deduct	-2.53	
			For >2,200 To 3,500, Deduct	-3.26	
			For >3,500, Deduct	-3.99	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0020	SY	22 Ounce, Patterned, Nylon Carpet Tile .....	33.07	2.87
			For >200 To 400, Deduct	-0.51	
			For >400 To 600, Deduct	-0.76	
			For >600 To 900, Deduct	-1.38	
			For >900 To 1,500, Deduct	-2.01	
			For >1,500 To 2,200, Deduct	-2.92	
			For >2,200 To 3,500, Deduct	-3.75	
			For >3,500, Deduct	-4.58	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0021	SY	24 Ounce, Patterned, Nylon Carpet Tile .....	36.87	2.87
			For >200 To 400, Deduct	-0.58	
			For >400 To 600, Deduct	-0.87	
			For >600 To 900, Deduct	-1.57	
			For >900 To 1,500, Deduct	-2.27	
			For >1,500 To 2,200, Deduct	-3.30	
			For >2,200 To 3,500, Deduct	-4.22	
			For >3,500, Deduct	-5.15	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0022	SY	26 Ounce, Patterned, Nylon Carpet Tile .....	39.09	2.87
			For >200 To 400, Deduct	-0.63	
			For >400 To 600, Deduct	-0.94	
			For >600 To 900, Deduct	-1.68	
			For >900 To 1,500, Deduct	-2.43	
			For >1,500 To 2,200, Deduct	-3.52	
			For >2,200 To 3,500, Deduct	-4.50	
			For >3,500, Deduct	-5.48	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0023	SY	28 Ounce, Patterned, Nylon Carpet Tile .....	41.36	2.87
			For >200 To 400, Deduct	-0.67	
			For >400 To 600, Deduct	-1.01	
			For >600 To 900, Deduct	-1.80	
			For >900 To 1,500, Deduct	-2.59	
			For >1,500 To 2,200, Deduct	-3.75	
			For >2,200 To 3,500, Deduct	-4.78	
			For >3,500, Deduct	-5.82	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0024	SY	30 Ounce, Patterned, Nylon Carpet Tile .....	42.04	2.87
			For >200 To 400, Deduct	-0.69	
			For >400 To 600, Deduct	-1.03	
			For >600 To 900, Deduct	-1.83	
			For >900 To 1,500, Deduct	-2.63	
			For >1,500 To 2,200, Deduct	-3.82	
			For >2,200 To 3,500, Deduct	-4.87	
			For >3,500, Deduct	-5.92	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0025	SY	32 Ounce, Patterned, Nylon Carpet Tile .....	42.46	2.87
			For >200 To 400, Deduct	-0.70	
			For >400 To 600, Deduct	-1.04	
			For >600 To 900, Deduct	-1.85	
			For >900 To 1,500, Deduct	-2.66	
			For >1,500 To 2,200, Deduct	-3.86	
			For >2,200 To 3,500, Deduct	-4.92	
			For >3,500, Deduct	-5.98	
			For Cushion Backed Tile, Add	4.90	
09 68	13 00-0026	SY	34 Ounce, Patterned, Nylon Carpet Tile .....	42.82	2.87
			For >200 To 400, Deduct	-0.70	
			For >400 To 600, Deduct	-1.05	
			For >600 To 900, Deduct	-1.87	
			For >900 To 1,500, Deduct	-2.69	
			For >1,500 To 2,200, Deduct	-3.90	
			For >2,200 To 3,500, Deduct	-4.97	
			For >3,500, Deduct	-6.04	
			For Cushion Backed Tile, Add	4.90	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0027	SY	36 Ounce, Patterned, Nylon Carpet Tile .....	44.03	2.87
			<i>For &gt;200 To 400, Deduct</i>	-0.73	
			<i>For &gt;400 To 600, Deduct</i>	-1.09	
			<i>For &gt;600 To 900, Deduct</i>	-1.93	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.77	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.02	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.12	
			<i>For &gt;3,500, Deduct</i>	-6.22	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0028	SY	38 Ounce, Patterned, Nylon Carpet Tile .....	46.43	2.87
			<i>For &gt;200 To 400, Deduct</i>	-0.77	
			<i>For &gt;400 To 600, Deduct</i>	-1.16	
			<i>For &gt;600 To 900, Deduct</i>	-2.05	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.94	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.26	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.42	
			<i>For &gt;3,500, Deduct</i>	-6.58	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0029	SY	40 Ounce, Patterned, Nylon Carpet Tile .....	49.01	2.87
			<i>For &gt;200 To 400, Deduct</i>	-0.83	
			<i>For &gt;400 To 600, Deduct</i>	-1.24	
			<i>For &gt;600 To 900, Deduct</i>	-2.18	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.12	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.52	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.74	
			<i>For &gt;3,500, Deduct</i>	-6.97	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0030	SY	42 Ounce, Patterned, Nylon Carpet Tile .....	53.97	2.87
			<i>For &gt;200 To 400, Deduct</i>	-0.93	
			<i>For &gt;400 To 600, Deduct</i>	-1.39	
			<i>For &gt;600 To 900, Deduct</i>	-2.43	
			<i>For &gt;900 To 1,500, Deduct</i>	-3.47	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-5.01	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-6.36	
			<i>For &gt;3,500, Deduct</i>	-7.71	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0031	SY	Installation Of Owner Provided Patterned Carpet Tiles.....	8.09	
09 68	13 00-0032		<b>ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series)</b> <small>(09 68 13 00-0001)</small>		
			Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68	13 00-0033	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series) .....	47.01	2.87
			<i>For &gt;200 To 400, Deduct</i>	-0.79	
			<i>For &gt;400 To 600, Deduct</i>	-1.18	
			<i>For &gt;600 To 900, Deduct</i>	-2.08	
			<i>For &gt;900 To 1,500, Deduct</i>	-2.98	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-4.32	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-5.49	
			<i>For &gt;3,500, Deduct</i>	-6.67	
09 68	13 00-0034		<b>Vinyl Backed Carpet Tile</b> <small>(09 68 13)</small>		
			Note: Includes glue.		
09 68	13 00-0035	SY	Carpet Tile, Interface, 20 oz Face Weight, Glasbac Backing (Adaptions, Nature Trails and Woodland Way) .....	42.54	2.87
09 68	16		<b>Sheet Carpeting</b> <small>(09 68)</small>		
			Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68	16 00-0001		<b>Carpet Cushion</b> <small>(09 68 16)</small>		
09 68	16 00-0002		<b>Carpet Pads</b> <small>(09 68 16 00-0001)</small>		
09 68	16 00-0003	SY	Foam Rubber Carpet Padding .....	4.48	1.30
09 68	16 00-0004	SY	Sponge Rubber Carpet Cushion .....	4.33	1.30
09 68	16 00-0005	SY	Urethane Carpet Cushion 1/4" Thick .....	4.38	1.30
09 68	16 00-0006	SY	Urethane Carpet Cushion 3/8" Thick .....	4.94	1.30
09 68	16 00-0007	SY	7/16" Thick, Rebonded, 6 LB/CF .....	4.48	1.30
09 68	16 00-0008	SY	3/8" Thick, Rebonded, 7 LB/CF .....	4.74	1.30
09 68	16 00-0009	SY	1/2" Thick, Rebonded, 8 LB/CF .....	5.11	1.30
09 68	16 00-0010		<b>Residential Broadloom Carpet</b> <small>(09 68 16)</small>		
			Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.		



	<b>Finishes</b>	<b>09</b>	
	Flooring	09 60	09
	Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0011	SY		25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	18.34	3.45
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.73	
			<i>For Up To 15, Add</i>	1.77	
			<i>For &gt;15 To 33, Add</i>	0.89	
			<i>For &gt;200 To 400, Deduct</i>	-0.19	
			<i>For &gt;400 To 600, Deduct</i>	-0.28	
			<i>For &gt;600 To 900, Deduct</i>	-0.61	
			<i>For &gt;900, Deduct</i>	-0.93	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0012	SY		30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	20.57	3.45
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.73	
			<i>For Up To 15, Add</i>	1.77	
			<i>For &gt;15 To 33, Add</i>	0.89	
			<i>For &gt;200 To 400, Deduct</i>	-0.23	
			<i>For &gt;400 To 600, Deduct</i>	-0.35	
			<i>For &gt;600 To 900, Deduct</i>	-0.72	
			<i>For &gt;900, Deduct</i>	-1.09	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0013	SY		32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	23.63	3.45
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.73	
			<i>For Up To 15, Add</i>	1.77	
			<i>For &gt;15 To 33, Add</i>	0.89	
			<i>For &gt;200 To 400, Deduct</i>	-0.30	
			<i>For &gt;400 To 600, Deduct</i>	-0.44	
			<i>For &gt;600 To 900, Deduct</i>	-0.87	
			<i>For &gt;900, Deduct</i>	-1.30	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0014	SY		34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	26.84	3.45
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.73	
			<i>For Up To 15, Add</i>	1.77	
			<i>For &gt;15 To 33, Add</i>	0.89	
			<i>For &gt;200 To 400, Deduct</i>	-0.36	
			<i>For &gt;400 To 600, Deduct</i>	-0.54	
			<i>For &gt;600 To 900, Deduct</i>	-1.03	
			<i>For &gt;900, Deduct</i>	-1.52	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0015	SY		40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	27.40	3.45
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.73	
			<i>For Up To 15, Add</i>	1.77	
			<i>For &gt;15 To 33, Add</i>	0.89	
			<i>For &gt;200 To 400, Deduct</i>	-0.37	
			<i>For &gt;400 To 600, Deduct</i>	-0.56	
			<i>For &gt;600 To 900, Deduct</i>	-1.06	
			<i>For &gt;900, Deduct</i>	-1.56	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0016	SY		45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	28.28	3.80
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.82	
			<i>For Up To 15, Add</i>	1.89	
			<i>For &gt;15 To 33, Add</i>	0.95	
			<i>For &gt;200 To 400, Deduct</i>	-0.38	
			<i>For &gt;400 To 600, Deduct</i>	-0.56	
			<i>For &gt;600 To 900, Deduct</i>	-1.08	
			<i>For &gt;900, Deduct</i>	-1.60	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0017	SY		48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	29.24	3.80
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.82	
			<i>For Up To 15, Add</i>	1.89	
			<i>For &gt;15 To 33, Add</i>	0.95	
			<i>For &gt;200 To 400, Deduct</i>	-0.40	
			<i>For &gt;400 To 600, Deduct</i>	-0.59	
			<i>For &gt;600 To 900, Deduct</i>	-1.13	
			<i>For &gt;900, Deduct</i>	-1.67	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0018	SY		50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	31.61	3.80
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.82	
			<i>For Up To 15, Add</i>	1.89	
			<i>For &gt;15 To 33, Add</i>	0.95	
			<i>For &gt;200 To 400, Deduct</i>	-0.44	
			<i>For &gt;400 To 600, Deduct</i>	-0.66	
			<i>For &gt;600 To 900, Deduct</i>	-1.25	
			<i>For &gt;900, Deduct</i>	-1.83	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0019	SY		60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	31.89	3.80
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	1.82	
			<i>For Up To 15, Add</i>	1.89	
			<i>For &gt;15 To 33, Add</i>	0.95	
			<i>For &gt;200 To 400, Deduct</i>	-0.45	
			<i>For &gt;400 To 600, Deduct</i>	-0.67	
			<i>For &gt;600 To 900, Deduct</i>	-1.26	
			<i>For &gt;900, Deduct</i>	-1.85	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0020 SY 65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	33.00	3.80
For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	1.82	
For Up To 15, Add	1.89	
For >15 To 33, Add	0.95	
For >200 To 400, Deduct	-0.47	
For >400 To 600, Deduct	-0.71	
For >600 To 900, Deduct	-1.32	
For >900, Deduct	-1.93	
For Installation On Stairs, Each Riser, Add	6.00	
<b>09 68 16 00-0021 Commercial Broadloom Carpet (09 68 16)</b>		
Note: Level-loop pile or textured-loop pile broadloom carpet.		
<b>09 68 16 00-0022 Non-Patterned Broadloom Carpet (09 68 16 00-0021)</b>		
09 68 16 00-0023 SY 22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	23.83	11.75
For Up To 15, Add	1.57	
For >15 To 33, Add	0.78	
For >200 To 400, Deduct	-0.32	
For >400 To 600, Deduct	-0.48	
For >600 To 900, Deduct	-0.92	
For >900, Deduct	-1.35	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0024 SY 24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	23.83	11.75
For Up To 15, Add	1.57	
For >15 To 33, Add	0.78	
For >200 To 400, Deduct	-0.32	
For >400 To 600, Deduct	-0.48	
For >600 To 900, Deduct	-0.92	
For >900, Deduct	-1.35	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0025 SY 26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	23.83	11.75
For Up To 15, Add	1.57	
For >15 To 33, Add	0.78	
For >200 To 400, Deduct	-0.32	
For >400 To 600, Deduct	-0.48	
For >600 To 900, Deduct	-0.92	
For >900, Deduct	-1.35	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0026 SY 28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	25.83	12.73
For Up To 15, Add	1.70	
For >15 To 33, Add	0.85	
For >200 To 400, Deduct	-0.35	
For >400 To 600, Deduct	-0.52	
For >600 To 900, Deduct	-0.99	
For >900, Deduct	-1.47	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0027 SY 30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	26.32	12.73
For Up To 15, Add	1.70	
For >15 To 33, Add	0.85	
For >200 To 400, Deduct	-0.36	
For >400 To 600, Deduct	-0.54	
For >600 To 900, Deduct	-1.02	
For >900, Deduct	-1.50	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0028 SY 32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	26.41	12.73
For Up To 15, Add	1.70	
For >15 To 33, Add	0.85	
For >200 To 400, Deduct	-0.36	
For >400 To 600, Deduct	-0.54	
For >600 To 900, Deduct	-1.02	
For >900, Deduct	-1.51	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0029 SY 34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	29.02	13.70
For Up To 15, Add	1.83	
For >15 To 33, Add	0.91	
For >200 To 400, Deduct	-0.40	
For >400 To 600, Deduct	-0.60	
For >600 To 900, Deduct	-1.13	
For >900, Deduct	-1.67	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	



		<b>Finishes</b>	<b>09</b>	
		Flooring	09 60	09
		Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0030	SY		36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet.....	29.37	13.70
			<i>For Up To 15, Add</i>	1.83	
			<i>For &gt;15 To 33, Add</i>	0.91	
			<i>For &gt;200 To 400, Deduct</i>	-0.40	
			<i>For &gt;400 To 600, Deduct</i>	-0.61	
			<i>For &gt;600 To 900, Deduct</i>	-1.15	
			<i>For &gt;900, Deduct</i>	-1.69	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0031	SY		38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet.....	29.80	13.70
			<i>For Up To 15, Add</i>	1.83	
			<i>For &gt;15 To 33, Add</i>	0.91	
			<i>For &gt;200 To 400, Deduct</i>	-0.41	
			<i>For &gt;400 To 600, Deduct</i>	-0.62	
			<i>For &gt;600 To 900, Deduct</i>	-1.17	
			<i>For &gt;900, Deduct</i>	-1.72	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
<b>09 68 16 00-0032</b>			<b>Patterned Broadloom Carpet</b> (09 68 16 00-0021)		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0033	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	24.86	11.75
			<i>For Up To 15, Add</i>	1.72	
			<i>For &gt;15 To 33, Add</i>	0.86	
			<i>For &gt;200 To 400, Deduct</i>	-0.32	
			<i>For &gt;400 To 600, Deduct</i>	-0.49	
			<i>For &gt;600 To 900, Deduct</i>	-0.94	
			<i>For &gt;900, Deduct</i>	-1.40	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0034	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	24.86	11.75
			<i>For Up To 15, Add</i>	1.72	
			<i>For &gt;15 To 33, Add</i>	0.86	
			<i>For &gt;200 To 400, Deduct</i>	-0.32	
			<i>For &gt;400 To 600, Deduct</i>	-0.49	
			<i>For &gt;600 To 900, Deduct</i>	-0.94	
			<i>For &gt;900, Deduct</i>	-1.40	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0035	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	24.86	11.75
			<i>For Up To 15, Add</i>	1.72	
			<i>For &gt;15 To 33, Add</i>	0.86	
			<i>For &gt;200 To 400, Deduct</i>	-0.32	
			<i>For &gt;400 To 600, Deduct</i>	-0.49	
			<i>For &gt;600 To 900, Deduct</i>	-0.94	
			<i>For &gt;900, Deduct</i>	-1.40	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0036	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	26.94	12.73
			<i>For Up To 15, Add</i>	1.87	
			<i>For &gt;15 To 33, Add</i>	0.93	
			<i>For &gt;200 To 400, Deduct</i>	-0.35	
			<i>For &gt;400 To 600, Deduct</i>	-0.53	
			<i>For &gt;600 To 900, Deduct</i>	-1.02	
			<i>For &gt;900, Deduct</i>	-1.51	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0037	SY		30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	27.44	12.73
			<i>For Up To 15, Add</i>	1.87	
			<i>For &gt;15 To 33, Add</i>	0.93	
			<i>For &gt;200 To 400, Deduct</i>	-0.36	
			<i>For &gt;400 To 600, Deduct</i>	-0.54	
			<i>For &gt;600 To 900, Deduct</i>	-1.05	
			<i>For &gt;900, Deduct</i>	-1.55	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0038	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	27.52	12.73
			<i>For Up To 15, Add</i>	1.87	
			<i>For &gt;15 To 33, Add</i>	0.93	
			<i>For &gt;200 To 400, Deduct</i>	-0.36	
			<i>For &gt;400 To 600, Deduct</i>	-0.55	
			<i>For &gt;600 To 900, Deduct</i>	-1.05	
			<i>For &gt;900, Deduct</i>	-1.55	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0039	SY		34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	30.22	13.70
			<i>For Up To 15, Add</i>	2.01	
			<i>For &gt;15 To 33, Add</i>	1.01	
			<i>For &gt;200 To 400, Deduct</i>	-0.40	
			<i>For &gt;400 To 600, Deduct</i>	-0.61	
			<i>For &gt;600 To 900, Deduct</i>	-1.16	
			<i>For &gt;900, Deduct</i>	-1.71	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0040	SY		36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	30.58	13.70
			<i>For Up To 15, Add</i>	2.01	
			<i>For &gt;15 To 33, Add</i>	1.01	
			<i>For &gt;200 To 400, Deduct</i>	-0.41	
			<i>For &gt;400 To 600, Deduct</i>	-0.62	
			<i>For &gt;600 To 900, Deduct</i>	-1.18	
			<i>For &gt;900, Deduct</i>	-1.74	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0041	SY		38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	31.02	13.70
			<i>For Up To 15, Add</i>	2.01	
			<i>For &gt;15 To 33, Add</i>	1.01	
			<i>For &gt;200 To 400, Deduct</i>	-0.42	
			<i>For &gt;400 To 600, Deduct</i>	-0.63	
			<i>For &gt;600 To 900, Deduct</i>	-1.20	
			<i>For &gt;900, Deduct</i>	-1.77	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0042			<b>Indoor/Outdoor Carpet</b> (09 68 16) Note: Includes waterproof glue.		
09 68 16 00-0043	SY		Nylon Indoor/Outdoor Carpet.....	25.04	2.59
09 68 16 00-0044	SY		Ozite Indoor/Outdoor Carpet.....	20.16	2.59
09 68 16 00-0045			<b>Carpet Accessories</b> (09 68 16)		
09 68 16 00-0046	LF		Metal Carpet Saddle Strip, Up To 4" Wide.....	2.31	0.39
09 68 16 00-0047			<b>Removal And Reinstallation Of Carpet And Pad</b> (09 68 16) Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0048	SY		Remove And Reinstall Carpet And Pad.....	16.54	
09 68 16 00-0049			<b>Carpeting Support Functions</b> (09 68 16)		
09 68 16 00-0050			<b>Relocate Partitions, Modular Work Stations</b> (09 68 16 00-0049) Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0051	EA		Relocate Modular Work Station.....	136.23	
09 68 16 00-0052			<b>Installation Of Owner Provided Broadloom Carpet</b> (09 68 16)		
09 68 16 00-0053	SY		Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet.....	7.02	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	1.36	
			<i>For &gt;15 To 33, Add</i>	0.68	
09 68 16 00-0054	SY		>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet.....	8.15	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	1.59	
			<i>For &gt;15 To 33, Add</i>	0.80	
09 68 16 00-0055	SY		>34 Oz, Installation Of Owner Provided Broadloom Carpet.....	9.74	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	1.91	
			<i>For &gt;15 To 33, Add</i>	0.95	
09 69			<b>Access Flooring</b> (09 69)		
09 69 13			<b>Rigid-Grid Access Flooring</b> (09 69)		
09 69 13 00-0001			<b>Panels, No Covering</b> (09 69 13)		
09 69 13 00-0002	SF		2' x 2' Panels - No Covering Access And Pedestal Floors.....	9.22	0.39
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0003	SF		2' x 2' Perforated Panels Access And Pedestal Floors.....	17.70	0.39
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0004	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	16.46	0.43
09 69 13 00-0005	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	16.46	0.43



<b>Finishes</b>	<b>09</b>	<b>9</b>
Flooring	09 60	
Access Flooring	09 69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0006 SF Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808.....	16.46	0.43
09 69 13 00-0007 SF Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280.....	16.46	0.43
09 69 13 00-0008 SF Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim.....	15.55	0.43
09 69 13 00-0009 SF Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	15.55	0.43
09 69 13 00-0010 SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	17.61	0.43
09 69 13 00-0011 SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	17.61	0.43
09 69 13 00-0012 SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808.....	17.61	0.43
09 69 13 00-0013 SF Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280.....	17.61	0.43
09 69 13 00-0014 SF Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim.....	16.69	0.43
09 69 13 00-0015 SF Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim.....	16.69	0.43
09 69 13 00-0016 SF Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim.....	21.25	0.43
09 69 13 00-0017 SF Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim.....	21.25	0.43
<b>09 69 13 00-0018 Pedestals (09 69 13)</b>		
09 69 13 00-0019 EA 6" To 12" Finished Floor Height, Pedestal Assembly.....	18.44	1.95
09 69 13 00-0020 EA 8" To 12" Finished Floor Height, Pedestal Assembly.....	15.70	0.58
09 69 13 00-0021 EA 18" To 24" Finished Floor Height, Pedestal Assembly.....	16.27	0.58
09 69 13 00-0022 EA 30" To 36" Finished Floor Height, Pedestal Assembly.....	18.56	1.95
<b>09 69 13 00-0023 Stringers (09 69 13)</b>		
09 69 13 00-0024 EA 2' Bolted Stringers, Access And Pedestal Floors.....	8.73	2.33
09 69 13 00-0025 EA 4' Bolted Stringers, Access And Pedestal Floors.....	15.61	3.50
09 69 13 00-0026 EA 6' Bolted Stringers, Access And Pedestal Floors.....	24.44	5.84
<b>09 69 13 00-0028 Understructure (09 69 13)</b>		
09 69 13 00-0029 SF Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height.....	3.20	0.58
09 69 13 00-0030 SF Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height.....	3.48	0.58
09 69 13 00-0031 SF Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	4.13	0.58
<b>09 69 53 Access Flooring Accessories (09 69)</b>		
<b>09 69 53 00-0001 Accessories (09 69 53)</b>		
09 69 53 00-0002 SF Accessories, Ramp Assembly Access And Pedestal Floors.....	20.30	1.56
09 69 53 00-0003 LF Accessories, Handrail Access And Pedestal Floors.....	32.68	2.73
09 69 53 00-0004 LF Accessories, Fascia Plate Access And Pedestal Floors.....	12.05	2.73
09 69 53 00-0005 EA Machine Cutouts.....	99.62	
09 69 53 00-0006 SF Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	34.39	
09 69 53 00-0007 LF Tate 2 Or 3 Riser Steps In Raised Floor System.....	83.74	0.19
Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008 LF Tate Handrail.....	65.66	1.29
09 69 53 00-0009 SF Hammered Aluminum Finish Fascia.....	23.05	1.29
Note: Includes trim angles and hardware (8", 12", 18", 24").		
09 69 53 00-0010 EA 7" x 17" Lexan Floor Mounted Grille.....	105.38	4.87
Note: Includes carpet trim to flush mount.		
09 69 53 00-0011 EA Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material.....	21.30	
09 69 53 00-0012 EA Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	21.30	
09 69 53 00-0013 EA Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet.....	31.76	0.77
09 69 53 00-0014 EA Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL.....	39.21	0.77
09 69 53 00-0015 EA Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim.....	29.70	0.77
09 69 53 00-0016 EA Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge.....	39.20	0.77
09 69 53 00-0017 EA Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4.....	104.00	4.87
09 69 53 00-0018 EA Flush Mounted Telephone Box (Grey/Black/Communications).....	71.24	4.87
Note: Includes cut hole.		
09 69 53 00-0019 EA Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4.....	104.00	4.87
09 69 53 00-0020 EA Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2.....	55.67	0.77
09 69 53 00-0021 EA Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor.....	3.89	
<b>09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System (09 69 53)</b>		
Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023 SF Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	1.42	
09 69 53 00-0024 SF Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	1.49	
09 69 53 00-0025 SF Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	1.47	
<b>09 70 Wall Finishes (09)</b>		
<b>09 72 Wall Coverings (09 70)</b>		
<b>09 72 13 Cork Wall Coverings (09 72)</b>		
<b>09 72 13 00-0001 Cork Wall Covering (09 72 13)</b>		
09 72 13 00-0002 SF 1/8" Cork Wall Covering.....	2.92	0.42
09 72 13 00-0003 SF 1/4" Cork Wall Covering.....	3.88	0.42
09 72 13 00-0004 SF 1/2" Cork Wall Covering.....	4.64	0.42
09 72 13 00-0005 SF 3/4" Cork Wall Covering.....	6.88	0.42

<b>09</b>	<b>09 Finishes</b>
	<b>09 70 Wall Finishes</b>
	<b>09 72 Wall Coverings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)**

<b>09 72 16 00-0001</b>	<b>Vinyl Wall Coverings (09 72 16)</b> Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 16 00-0002	SF Vinyl Wall Covering, 7-10 Oz/SY ..... <i>For Owner Furnished Material, Deduct</i>	1.15 -0.49	0.42
09 72 16 00-0003	SF Vinyl Wall Covering, 11-14 Oz/SY ..... <i>For Owner Furnished Material, Deduct</i>	1.42 -0.72	0.42
09 72 16 00-0004	SF Vinyl Wall Covering, 20-25 Oz/SY ..... <i>For Owner Furnished Material, Deduct</i>	1.91 -1.03	0.42
09 72 16 00-0005	SF Vinyl Wall Covering, 26-32 Oz/SY ..... <i>For Owner Furnished Material, Deduct</i>	2.18 -1.26	0.42
09 72 16 00-0006	SF Vinyl Wall Covering, 33-38 Oz/SY ..... <i>For Owner Furnished Material, Deduct</i>	3.17 -2.21	0.42

**09 72 19 Textile Wall Coverings (09 72)**

<b>09 72 19 00-0001</b>	<b>Wall Fabrics (09 72 19)</b>		
09 72 19 00-0002	SF Wall Covering, Natural Fabric, Grass Cloth .....	3.49	0.42
09 72 19 00-0003	SF Wall Covering, Grass Cloth.....	3.89	0.42
09 72 19 00-0004	SF Wall Covering, Burlap.....	2.84	0.42
09 72 19 00-0005	SF Flexible Gypsum Coated Wall Fabric, Fire Resistant.....	2.68	0.42
09 72 19 00-0006	SF Acoustical Wall Cover.....	4.03	0.42

**09 72 19 00-0007 Natural Fiber Resilient Wallcovering (09 72 19)**

09 72 19 00-0008	SY Sisal Wall Covering - 48 To 54 Oz/SY With Adhesive (4', 8', 12' Widths) ..... <i>For Fire Rated Adhesive, UBC 42-2, Add</i>	47.70 0.11	2.73
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**09 72 23 Wallpapering (09 72)**

<b>09 72 23 00-0001</b>	<b>Wallpaper Coverings (09 72 23)</b> Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 23 00-0002	SF Average Quality Wallpaper (Standard Grade) .....	1.51	0.56
09 72 23 00-0003	SF High Quality Wallpaper (Designer Grade).....	2.69	0.72
09 72 23 00-0004	SF Ceiling Paper .....	2.10	1.05

**09 80 Acoustic Treatment (09)**

**09 81 Acoustic Insulation (09 80)**

**09 81 16 Acoustic Blanket Insulation (09 81)**

<b>09 81 16 00-0001</b>	<b>Sound Attenuation Fire Blankets (SAFB) (09 81 16)</b>		
<b>09 81 16 00-0002</b>	<b>2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)</b>		
09 81 16 00-0003	SF 1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	0.89	0.14
09 81 16 00-0004	SF 2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	0.97	0.14
09 81 16 00-0005	SF 2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	1.08	0.14
09 81 16 00-0006	SF 3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	1.17	0.14
09 81 16 00-0007	SF 3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB) .....	1.28	0.14
09 81 16 00-0008	SF 4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	1.39	0.14
09 81 16 00-0009	SF 5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	1.54	0.14
09 81 16 00-0010	SF 6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	1.70	0.14

**09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)**

09 81 16 00-0012	SF 1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	0.87	0.14
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**09 81 16 00-0013 Sound Attenuation Batts (09 81 16)**

Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF 2-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.55	0.19
09 81 16 00-0015	SF 3-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.60	0.19
09 81 16 00-0016	SF 3-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	0.62	0.19
09 81 16 00-0017	SF 5-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.71	0.19
09 81 16 00-0018	SF 5-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	0.73	0.19
09 81 16 00-0019	SF 6-1/4" Thick, Unfaced Sound Attenuation Batt.....	0.72	0.19
09 81 16 00-0020	SF 6-1/4" Thick, Kraft Faced Sound Attenuation Batt.....	0.75	0.19

**09 84 Acoustic Room Components (09 80)**

**09 84 13 Fixed Sound-Absorptive Panels (09 84)**





<b>Finishes</b>	<b>09</b>	<b>2</b>
Acoustic Treatment	09 80	
Acoustic Room Components	09 84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 84 13 00-0001</b> <b>Sound Absorbing Panels And Attenuation Blankets</b> <small>(09 84 13)</small> Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.		
09 84 13 00-0002    SF    3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler.....	5.70	0.96
09 84 13 00-0003    SF    1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls .....	8.53	0.96
<b>09 84 13 00-0004</b> <b>Sound Absorbing Acoustical Wall Panel System</b> <small>(09 84 13)</small> See CSI section 06 11 16 00-0173 for wood furring.		
<b>09 84 13 00-0005</b> <b>Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System</b> <b>(Armstrong® Soundsoak®)</b> <small>(09 84 13 00-0004)</small> Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006    SF    5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl) .....	6.87	1.07
09 84 13 00-0007    SF    3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®) .....	6.31	1.07
09 84 13 00-0008    SF    3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701) .....	8.07	1.07
09 84 13 00-0009    SF    3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™) .....	8.09	1.07
09 84 13 00-0010    SF    3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™) .....	8.98	1.07
09 84 13 00-0011    SF    3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™) .....	8.98	1.07
<b>09 84 13 00-0012</b> <b>Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System</b> <b>(Armstrong® Soundsoak®)</b> <small>(09 84 13 00-0004)</small> Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013    SF    1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®).....	8.10	1.07
09 84 13 00-0014    SF    1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701) .....	9.55	1.07
09 84 13 00-0015    SF    1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™) .....	9.55	1.07
09 84 13 00-0016    SF    1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™) .....	11.00	1.07
09 84 13 00-0017    SF    1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™) .....	11.00	1.07
<b>09 84 13 00-0018</b> <b>Sound Absorbing Panel, Eggcrate Style</b> <small>(09 84 13)</small> Note: Ceiling or wall hung back.		
09 84 13 00-0019    SF    2" Thick Polyurethane Sound Wave (Eggcrate Style).....	5.14	
For Pyramid Style, Add	1.18	
09 84 13 00-0020    SF    3" Thick Polyurethane Sound Wave (Eggcrate Style).....	6.94	
For Pyramid Style, Add	1.18	
09 84 13 00-0021    SF    4" Thick Polyurethane Sound Wave (Eggcrate Style).....	9.26	
For Pyramid Style, Add	1.18	
09 84 13 00-0022    SF    2" Thick Melamine Sound Wave (Eggcrate Style) .....	6.93	
For Eggcrate Style With Hypalon Coating, Add	1.97	
For Pyramid Style, Add	2.05	
For Pyramid Style With Hypalon Coating, Add	4.02	
09 84 13 00-0023    SF    3" Thick Melamine Sound Wave (Eggcrate Style) .....	14.49	
For Eggcrate Style With Hypalon Coating, Add	1.97	
For Pyramid Style, Add	0.42	
For Pyramid Style With Hypalon Coating, Add	2.40	
09 84 13 00-0024    SF    4" Thick Melamine Sound Wave (Eggcrate Style) .....	18.71	
For Eggcrate Style With Hypalon Coating, Add	1.97	
For Pyramid Style, Add	0.42	
For Pyramid Style With Hypalon Coating, Add	2.40	
<b>09 85    Acoustic Sound Deadening</b> <small>(09 80)</small>		
<b>09 85 00 00-0001</b> <b>Sound Deadening Fiberboard</b> <small>(09 85)</small>		
09 85 00 00-0002    SF    1/2" Sound Deadening Fiberboard.....	0.74	0.24
For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.22	
For Horizontal Installation Up To 10' High, Add	0.15	
For Horizontal Installation >10' High, Add	0.22	
For Walls >10' High, Add	0.03	
For Up To 128, Add	0.23	
For >128 To 320, Add	0.14	
<b>09 90    Painting And Coating</b> <small>(09)</small> Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking		

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 85 Acoustic Sound Deadening</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

**09 91 Painting** (09 90)

**09 91 13 Exterior Painting** (09 91)

Note: Acrylic latex paint unless otherwise stated.

09 91 13 00-0001 Paint Exterior Walls/Siding (09 91 13)

09 91 13 00-0002 Paint Exterior Brick Walls (09 91 13 00-0001)

09 91 13 00-0003	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush Work.....	0.51
		For Oil Based Paint, Add	0.03
		For Work >20', Add	0.10
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.30
		For >100 To 250, Add	0.15
		For >250 To 500, Add	0.06
		For >2,500 To 5,000, Deduct	-0.03
		For >5,000 To 10,000, Deduct	-0.05
		For >10,000 To 20,000, Deduct	-0.08
		For >20,000, Deduct	-0.10
09 91 13 00-0004	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush Work.....	0.71
		For Oil Based Paint, Add	0.04
		For Work >20', Add	0.14
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.44
		For >100 To 250, Add	0.21
		For >250 To 500, Add	0.09
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000 To 20,000, Deduct	-0.11
		For >20,000, Deduct	-0.14
09 91 13 00-0005	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush Work.....	1.06
		For Oil Based Paint, Add	0.07
		For Work >20', Add	0.19
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.62
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.13
		For >2,500 To 5,000, Deduct	-0.05
		For >5,000 To 10,000, Deduct	-0.11
		For >10,000 To 20,000, Deduct	-0.16
		For >20,000, Deduct	-0.21
09 91 13 00-0006	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush/Roller Work.....	0.35
		For Oil Based Paint, Add	0.02
		For Work >20', Add	0.06
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.18
		For >100 To 250, Add	0.09
		For >250 To 500, Add	0.04
		For >2,500 To 5,000, Deduct	-0.02
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000 To 20,000, Deduct	-0.05
		For >20,000, Deduct	-0.07
09 91 13 00-0007	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush/Roller Work.....	0.58
		For Oil Based Paint, Add	0.04
		For Work >20', Add	0.10
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.32
		For >100 To 250, Add	0.16
		For >250 To 500, Add	0.07
		For >2,500 To 5,000, Deduct	-0.03
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000 To 20,000, Deduct	-0.09
		For >20,000, Deduct	-0.12
09 91 13 00-0008	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush/Roller Work.....	0.87
		For Oil Based Paint, Add	0.06
		For Work >20', Add	0.13
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.45
		For >100 To 250, Add	0.22
		For >250 To 500, Add	0.10
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.09
		For >10,000 To 20,000, Deduct	-0.13
		For >20,000, Deduct	-0.17
09 91 13 00-0009	SF	Paint Exterior Brick Walls, 1 Coat Filler, Sprayed.....	0.37
		For Oil Based Paint, Add	0.03
		For Work >20', Add	0.06
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.19
		For >100 To 250, Add	0.09
		For >250 To 500, Add	0.04
		For >2,500 To 5,000, Deduct	-0.02
		For >5,000 To 10,000, Deduct	-0.04
		For >10,000 To 20,000, Deduct	-0.06
		For >20,000, Deduct	-0.07



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0010 SF Paint Exterior Brick Walls, 1 Coat Paint, Sprayed.....	0.38	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.04	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0011 SF Paint Exterior Brick Walls, 2 Coats Paint, Sprayed.....	0.80	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
<b>09 91 13 00-0012 Paint Exterior Concrete Walls (09 91 13 00-0001)</b>		
09 91 13 00-0013 SF Paint Exterior Concrete Walls, 1 Coat Filler, Brush Work.....	0.44	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0014 SF Paint Exterior Concrete Walls, 1 Coat Paint, Brush Work.....	0.46	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0015 SF Paint Exterior Concrete Walls, 2 Coats Paint, Brush Work.....	0.86	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Work >20', Add	0.17	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0016 SF Paint Exterior Concrete Walls, 1 Coat Filler, Brush/Roller Work.....	0.35	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.06	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0017 SF Paint Exterior Concrete Walls, 1 Coat Paint, Brush/Roller Work.....	0.40	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018 SF Paint Exterior Concrete Walls, 2 Coats Paint, Brush/Roller Work.....	0.66	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.39	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0019 SF Paint Exterior Concrete Walls, 1 Coat Filler, Sprayed.....	0.33	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0020 SF Paint Exterior Concrete Walls, 1 Coat Paint, Sprayed.....	0.30	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 13 00-0021 SF Paint Exterior Concrete Walls, 2 Coats Paint, Sprayed.....	0.52	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.09	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
<b>09 91 13 00-0022 Paint Exterior Concrete Block Walls (09 91 13 00-0001)</b>		
<b>09 91 13 00-0023 Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0022)</b>		
09 91 13 00-0024 SF Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work.....	0.61	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0025 SF Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush.....	0.69	
For Work >20', Add	0.13	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 13 00-0026 SF Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work.....	1.23	
For Work >20', Add	0.21	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.25	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0027	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work.....	0.51	
			<i>For Work &gt;20', Add</i>	0.08	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.27	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91	13 00-0028	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work.....	0.56	
			<i>For Work &gt;20', Add</i>	0.09	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.31	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91	13 00-0029	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work.....	1.01	
			<i>For Work &gt;20', Add</i>	0.16	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91	13 00-0030	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed.....	0.45	
			<i>For Work &gt;20', Add</i>	0.05	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.19	
			<i>For &gt;100 To 250, Add</i>	0.10	
			<i>For &gt;250 To 500, Add</i>	0.04	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.09	
09 91	13 00-0031	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed.....	0.49	
			<i>For Work &gt;20', Add</i>	0.06	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.22	
			<i>For &gt;100 To 250, Add</i>	0.11	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91	13 00-0032	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed.....	0.95	
			<i>For Work &gt;20', Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.42	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91	13 00-0033		<b>Paint Exterior Concrete Block Walls, Acrylic Latex Paint (09 91 13 00-0022)</b> .....	0.55	
09 91	13 00-0034	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush Work.....	0.55	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Work &gt;20', Add</i>	0.11	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.33	
			<i>For &gt;100 To 250, Add</i>	0.16	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91	13 00-0035	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush Work.....	0.65	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Work &gt;20', Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.39	
			<i>For &gt;100 To 250, Add</i>	0.19	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0036 SF Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush Work .....	1.20	
For Oil Based Paint, Add	0.08	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0037 SF Paint Exterior Concrete Block Walls, Texture Coat, Brush Work .....	0.73	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.14	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0038 SF Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work .....	0.45	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0039 SF Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work .....	0.57	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 13 00-0040 SF Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work .....	0.98	
For Oil Based Paint, Add	0.07	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0041 SF Paint Exterior Concrete Block Walls, Texture Coat, Brush/Roller Work .....	0.63	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.36	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 13 00-0042 SF Paint Exterior Concrete Block Walls, 1 Coat Filler, Sprayed .....	0.46	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0043 SF Paint Exterior Concrete Block Walls, 1 Coat Paint, Sprayed.....	0.49	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0044 SF Paint Exterior Concrete Block Walls, 2 Coats Paint, Sprayed.....	0.75	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0045 SF Paint Exterior Concrete Block Walls, Texture Coat, Sprayed.....	0.63	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
<b>09 91 13 00-0046 Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001)</b>		
09 91 13 00-0047 SF Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush Work.....	0.45	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.06	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0048 SF Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush Work.....	0.48	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0049 SF Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush Work.....	0.86	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.12	
For Work >20', Add	0.17	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0050 SF Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush/Roller Work.....	0.35	
For Oil Based Paint, Add	0.02	
For Orange Peel Finish, Add	0.05	
For Work >20', Add	0.06	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0051	SF Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush/Roller Work .....	0.36	
	For Oil Based Paint, Add	0.02	
	For Orange Peel Finish, Add	0.05	
	For Work >20', Add	0.07	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.22	
	For >100 To 250, Add	0.10	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.05	
	For >20,000, Deduct	-0.07	
09 91 13 00-0052	SF Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush/Roller Work .....	0.65	
	For Oil Based Paint, Add	0.04	
	For Orange Peel Finish, Add	0.09	
	For Work >20', Add	0.12	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.39	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0053	SF Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Sprayed .....	0.33	
	For Oil Based Paint, Add	0.02	
	For Work >20', Add	0.05	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.17	
	For >100 To 250, Add	0.08	
	For >250 To 500, Add	0.04	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000 To 20,000, Deduct	-0.05	
	For >20,000, Deduct	-0.07	
09 91 13 00-0054	SF Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Sprayed.....	0.35	
	For Oil Based Paint, Add	0.02	
	For Work >20', Add	0.06	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.20	
	For >100 To 250, Add	0.10	
	For >250 To 500, Add	0.04	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.05	
	For >20,000, Deduct	-0.07	
09 91 13 00-0055	SF Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Sprayed.....	0.57	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.09	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.30	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.11	
09 91 13 00-0056	Paint Exterior Metal Walls (09 91 13 00-0001)		
09 91 13 00-0057	Paint Exterior Galvanized Walls (09 91 13 00-0056)		
	Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0058	SF Paint Exterior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work.....	0.53	
	For Work >20', Add	0.10	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.31	
	For >100 To 250, Add	0.15	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
09 91 13 00-0059	SF Paint Exterior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work.....	0.58	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	





<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0060 SF Paint Exterior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work.....	1.06	
For Work >20', Add	0.19	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 13 00-0061 SF Paint Exterior Galvanized Walls, 1 Coat Primer, Brush/Roller Work.....	0.39	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0062 SF Paint Exterior Galvanized Walls, 1 Coat Paint, Brush/Roller Work.....	0.46	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0063 SF Paint Exterior Galvanized Walls, 2 Coats Paint, Brush/Roller Work.....	0.85	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0064 SF Paint Exterior Galvanized Walls, 1 Coat Primer, Sprayed.....	0.34	
For Work >20', Add	0.04	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.15	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0065 SF Paint Exterior Galvanized Walls, 1 Coat Paint, Sprayed.....	0.46	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0066 SF Paint Exterior Galvanized Walls, 2 Coats Paint, Sprayed.....	0.77	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
<b>09 91 13 00-0067 Paint Exterior Aluminum And Aluminum Alloy Walls (09 91 13 00-0066)</b>		
Note: Alkyd enamel paint.		
09 91 13 00-0068 SF Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work.....	0.53	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0069	SF		Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work .....	0.58	
			For Work >20', Add	0.11	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.35	
			For >100 To 250, Add	0.17	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	
09 91 13 00-0070	SF		Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work .....	1.06	
			For Work >20', Add	0.19	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 13 00-0071	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work .....	0.44	
			For Work >20', Add	0.07	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.23	
			For >100 To 250, Add	0.11	
			For >250 To 500, Add	0.05	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 20,000, Deduct	-0.07	
			For >20,000, Deduct	-0.09	
09 91 13 00-0072	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work .....	0.50	
			For Work >20', Add	0.08	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.27	
			For >100 To 250, Add	0.13	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.10	
09 91 13 00-0073	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work .....	0.93	
			For Work >20', Add	0.15	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.49	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91 13 00-0074	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed .....	0.38	
			For Work >20', Add	0.05	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.18	
			For >100 To 250, Add	0.09	
			For >250 To 500, Add	0.04	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 20,000, Deduct	-0.06	
			For >20,000, Deduct	-0.08	
09 91 13 00-0075	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed .....	0.46	
			For Work >20', Add	0.07	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.24	
			For >100 To 250, Add	0.12	
			For >250 To 500, Add	0.05	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.07	
			For >20,000, Deduct	-0.09	
09 91 13 00-0076	SF		Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed .....	0.77	
			For Work >20', Add	0.11	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.37	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.15	

09 91 13 00-0077 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0056)



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0078 LF Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Primer, Per LF Of Stack .....	7.24	
For Work >20', Add	1.60	
Note: Applied only to work area above 20'.		
For Up To 100, Add	4.91	
For >100 To 250, Add	2.32	
For >250 To 500, Add	1.00	
For >2,500 To 5,000, Deduct	-0.36	
For >5,000 To 10,000, Deduct	-0.72	
For >10,000 To 20,000, Deduct	-1.09	
For >20,000, Deduct	-1.45	
09 91 13 00-0079 LF Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Paint, Per LF Of Stack .....	8.06	
For Work >20', Add	1.77	
Note: Applied only to work area above 20'.		
For Up To 100, Add	5.46	
For >100 To 250, Add	2.58	
For >250 To 500, Add	1.11	
For >2,500 To 5,000, Deduct	-0.40	
For >5,000 To 10,000, Deduct	-0.81	
For >10,000 To 20,000, Deduct	-1.21	
For >20,000, Deduct	-1.61	
09 91 13 00-0080 LF Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 2 Coats Paint, Per LF Of Stack .....	15.06	
For Work >20', Add	3.34	
Note: Applied only to work area above 20'.		
For Up To 100, Add	10.26	
For >100 To 250, Add	4.84	
For >250 To 500, Add	2.09	
For >2,500 To 5,000, Deduct	-0.75	
For >5,000 To 10,000, Deduct	-1.51	
For >10,000 To 20,000, Deduct	-2.26	
For >20,000, Deduct	-3.01	
<b>09 91 13 00-0081 Paint Exterior Corrugated Metal Walls (09 91 13 00-0056)</b>		
09 91 13 00-0082 SF Paint Exterior Corrugated Metal Walls, 1 Coat Primer, Sprayed.....	0.43	
For Work >20', Add	0.06	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 13 00-0083 SF Paint Exterior Corrugated Metal Walls, 1 Coat Paint, Sprayed.....	0.58	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0084 SF Paint Exterior Corrugated Metal Walls, 2 Coats Paint, Sprayed.....	0.96	
For Work >20', Add	0.14	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
<b>09 91 13 00-0085 Paint Exterior Stucco Walls (09 91 13 00-0001)</b>		
09 91 13 00-0086 SF Paint Exterior Stucco Wall Surfaces 1 Coat Primer, Brush Work.....	0.72	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0087 SF Paint Exterior Stucco Wall Surfaces 1 Coat Paint, Brush Work.....	0.79	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0088 SF Paint Exterior Stucco Wall Surfaces, 2 Coats Paint, Brush Work.....	1.48	
For Oil Based Paint, Add	0.09	
For Work >20', Add	0.30	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.93	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.30	
09 91 13 00-0089 SF Paint Exterior Stucco Walls, 1 Coat Primer, Brush/Roller Work.....	0.56	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0090 SF Paint Exterior Stucco Walls, 1 Coat Paint, Brush/Roller Work.....	0.63	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 13 00-0091 SF Paint Exterior Stucco Walls, 2 Coats Paint, Brush/Roller Work.....	1.17	
For Oil Based Paint, Add	0.07	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.23	
09 91 13 00-0092 SF Paint Exterior Stucco Walls, 1 Coat Primer, Sprayed.....	0.45	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0093 SF Paint Exterior Stucco Walls, 1 Coat Paint, Sprayed.....	0.55	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0094 SF Paint Exterior Stucco Walls, 2 Coats Paint, Sprayed.....	1.06	
For Oil Based Paint, Add	0.07	
For Work >20', Add	0.18	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.59	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
 09 91 13 00-0095 Paint Exterior Wood Siding (09 91 13 00-0001)		
09 91 13 00-0096 Paint Exterior Smooth Wood Siding (09 91 13 00-0095)		
Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91 13 00-0097 SF Paint Exterior Wood Smooth Siding, 1 Coat Primer, Brush Work.....	0.54	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0098 SF Paint Exterior Wood Smooth Siding, 1 Coat Paint, Brush Work.....	0.56	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0099 SF Paint Exterior Wood Smooth Siding, 2 Coats Paint, Brush Work.....	1.02	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.19	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.61	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0100 SF Paint Exterior Smooth Wood Siding, 1 Coat Primer, Brush/Roller Work.....	0.45	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0101 SF Paint Exterior Smooth Wood Siding, 1 Coat Paint, Brush/Roller Work.....	0.48	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0102 SF Paint Exterior Smooth Wood Siding, 2 Coats Paint, Brush/Roller Work.....	0.89	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0103 SF Paint Exterior Smooth Wood Siding, 1 Coat Primer, Sprayed .....	0.38	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0104 SF Paint Exterior Smooth Wood Siding, 1 Coat Paint, Sprayed.....	0.46	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0105 SF Paint Exterior Smooth Wood Siding, 2 Coats Paint, Sprayed.....	0.75	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
<b>09 91 13 00-0106 Paint Exterior Rough Wood Siding (09 91 13 00-0095)</b>		
Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0107 SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Primer, Brush Work.....	0.81	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0108 SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Paint, Brush Work.....	0.81	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.17	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0109 SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Paint, Brush Work.....	1.50	
For Oil Based Paint, Add	0.09	
For Work >20', Add	0.31	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.97	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 13 00-0110 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work.....	0.76	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0111 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Brush/Roller Work .....	0.82	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.14	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0112 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work.....	1.53	
For Oil Based Paint, Add	0.10	
For Work >20', Add	0.24	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0113 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Sprayed.....	0.60	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0114 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Sprayed .....	0.67	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.36	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0115 SF Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Sprayed .....	1.26	
For Oil Based Paint, Add	0.09	
For Work >20', Add	0.20	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
<b>09 91 13 00-0116 Paint Exterior Vinyl Siding</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0117 SF Paint Exterior Vinyl Siding, 1 Coat Primer, Brush Work.....	0.48	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0118 SF Paint Exterior Vinyl Siding, 1 Coat Paint, Brush Work.....	0.52	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119 SF Paint Exterior Vinyl Siding, 2 Coats Paint, Brush Work.....	0.96	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0120 SF Paint Exterior Vinyl Siding, 1 Coat Primer, Brush/Roller Work.....	0.44	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0121 SF Paint Exterior Vinyl Siding, 1 Coat Paint, Brush/Roller Work.....	0.44	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0122 SF Paint Exterior Vinyl Siding, 2 Coats Paint, Brush/Roller Work.....	0.82	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0123 SF Paint Exterior Vinyl Siding, 1 Coat Primer, Sprayed.....	0.42	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.19	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0124 SF Paint Exterior Vinyl Siding, 1 Coat Paint, Sprayed.....	0.49	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0125 SF Paint Exterior Vinyl Siding, 2 Coats Paint, Sprayed.....	0.97	
For Oil Based Paint, Add	0.08	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.19	

09 91 13 00-0126 Paint Exterior Ceilings (09 91 13)  
09 91 13 00-0127 Paint Exterior Concrete Ceilings (09 91 13 00-0126)





<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0128 SF Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work.....	0.49	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0129 SF Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work.....	0.52	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0130 SF Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work.....	0.93	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.10	
For Work >20', Add	0.19	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0131 SF Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work.....	0.38	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0132 SF Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.42	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0133 SF Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.76	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0134 SF Paint Exterior Concrete Ceiling, 1 Coat Filler, Sprayed.....	0.34	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0135 SF Paint Exterior Concrete Ceiling, 1 Coat Paint, Sprayed.....	0.40	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0136 SF Paint Exterior Concrete Ceiling, 2 Coats Paint, Sprayed .....	0.64	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.10	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
<b>09 91 13 00-0137 Drywall/Plaster</b> <small>(09 91 13 00-0126)</small>		
09 91 13 00-0138 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work.....	0.49	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0139 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work .....	0.52	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0140 SF Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	0.93	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.13	
For Epoxy Paint, Add	0.10	
For Work >20', Add	0.19	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0141 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.38	
For Oil Based Paint, Add	0.02	
For Orange Peel Finish, Add	0.05	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0142 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.42	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.06	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0143 SF Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.76	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.10	
For Epoxy Paint, Add	0.09	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0144 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed.....	0.34	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.06	
For Work >20', Add	0.05	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0145 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed.....	0.40	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0146 SF Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed.....	0.64	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.10	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
<b>09 91 13 00-0147 Paint Exterior Wood Ceilings</b> <small>(09 91 13 00-0126)</small>		
<b>09 91 13 00-0148 Paint Exterior Smooth Wood Ceilings</b> <small>(09 91 13 00-0147)</small>		
09 91 13 00-0149 SF Paint Exterior Wood Smooth Ceiling, 1 Coat Primer, Brush Work.....	0.60	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.36	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0150 SF Paint Exterior Wood Smooth Ceiling, 1 Coat Paint, Brush Work .....	0.61	
For Oil Based Paint, Add	0.04	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0151 SF Paint Exterior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	1.12	
For Oil Based Paint, Add	0.07	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.68	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 13 00-0152 SF Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.50	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0153 SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.53	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0154 SF Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work .....	0.94	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0155 SF Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Sprayed .....	0.42	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0156 SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.42	
For Oil Based Paint, Add	0.03	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0157 SF Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Sprayed.....	0.76	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.13	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
<b>09 91 13 00-0158 Paint Exterior Rough Wood Ceilings (09 91 13 00-0147)</b>		
09 91 13 00-0159 SF Paint Exterior Wood Rough Ceiling, 1 Coat Primer, Brush Work.....	0.88	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.17	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0160 SF Paint Exterior Wood Rough Ceiling, 1 Coat Paint, Brush Work.....	0.89	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.19	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.59	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0161 SF Paint Exterior Wood Rough Ceiling, 2 Coats Paint, Brush Work .....	1.56	
For Oil Based Paint, Add	0.09	
For Work >20', Add	0.33	
Note: Applied only to work area above 20'.		
For Up To 100, Add	1.01	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0162 SF Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Brush/Roller Work .....	0.82	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.14	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0163 SF Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.87	
For Oil Based Paint, Add	0.06	
For Work >20', Add	0.15	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0164 SF Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Brush/Roller Work .....	1.58	
For Oil Based Paint, Add	0.11	
For Work >20', Add	0.26	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.85	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.32	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0165 SF Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Sprayed .....	0.67	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.36	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0166 SF Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Sprayed.....	0.74	
For Oil Based Paint, Add	0.05	
For Work >20', Add	0.13	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0167 SF Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Sprayed.....	1.33	
For Oil Based Paint, Add	0.09	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
<b>09 91 13 00-0168 Paint Exterior Metal Ceilings (09 91 13 00-0126)</b>		
<b>09 91 13 00-0169 Paint Exterior Galvanized Ceilings (09 91 13 00-0168)</b>		
Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0170 SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush Work.....	0.58	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0171 SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush Work .....	0.63	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 13 00-0172 SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush Work .....	1.16	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0173 SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.45	
For Work >20', Add	0.08	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0174 SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.50	
For Work >20', Add	0.10	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0175 SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.88	
For Work >20', Add	0.16	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0176 SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Sprayed.....	0.46	
For Work >20', Add	0.07	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0177 SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Sprayed.....	0.52	
For Work >20', Add	0.09	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0178 SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Sprayed.....	0.84	
For Work >20', Add	0.13	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
<b>09 91 13 00-0179 Paint Exterior Aluminum And Aluminum Alloy Ceilings</b> (09 91 13 00-0168)		
Note: Alkyd enamel paint.		
09 91 13 00-0180 SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work.....	0.58	
For Work >20', Add	0.11	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0181 SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work.....	0.63	
For Work >20', Add	0.12	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 13 00-0182 SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work.....	1.16	
For Work >20', Add	0.22	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0183	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.50	
			<i>For Work &gt;20', Add</i>	0.08	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.27	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 13 00-0184	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.55	
			<i>For Work &gt;20', Add</i>	0.10	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.31	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 13 00-0185	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work .....	0.98	
			<i>For Work &gt;20', Add</i>	0.16	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.53	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 13 00-0186	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed .....	0.46	
			<i>For Work &gt;20', Add</i>	0.07	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.09	
09 91 13 00-0187	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed.....	0.46	
			<i>For Work &gt;20', Add</i>	0.07	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.09	
09 91 13 00-0188	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed.....	0.84	
			<i>For Work &gt;20', Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
<b>09 91 13 00-0189</b>			<b>Paint Exterior Corrugated Metal Ceilings</b> <small>(09 91 13 00-0188)</small>		
09 91 13 00-0190	SF		Paint Exterior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed .....	0.50	
			<i>For Work &gt;20', Add</i>	0.08	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.26	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 13 00-0191	SF		Paint Exterior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed.....	0.58	
			<i>For Work &gt;20', Add</i>	0.10	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	





<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0192 SF Paint Exterior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed.....	1.05	
For Work >20', Add	0.17	
Note: Applied only to work area above 20'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
<b>09 91 13 00-0193 Paint Exterior Floors (09 91 13)</b>		
<b>09 91 13 00-0194 Paint Exterior Concrete Floors (09 91 13 00-0193)</b>		
09 91 13 00-0195 SF Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush Work.....	0.38	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0196 SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush Work.....	0.42	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.26	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0197 SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush Work.....	0.76	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0198 SF Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.32	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 13 00-0199 SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work.....	0.36	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.22	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0200 SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work.....	0.59	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0201 SF Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Sprayed.....	0.27	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0202 SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Sprayed.....	0.32	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 13 00-0203 SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Sprayed.....	0.57	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.09	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 13 00-0204 SF Paint Exterior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush/Roller Work.....	1.07	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 13 00-0205 SF Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work.....	3.24	
For Up To 100, Add	0.65	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.32	
For >10,000 To 20,000, Deduct	-0.49	
For >20,000, Deduct	-0.65	
<b>09 91 13 00-0206 Paint Exterior Wood Floors</b> <small>(09 91 13 00-0193)</small>		
09 91 13 00-0207 SF Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush Work.....	0.48	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 13 00-0208 SF Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.51	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 13 00-0209 SF Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	0.95	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0210 SF Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.45	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 13 00-0211 SF Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work.....	0.48	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212 SF Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work .....	0.78	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 13 00-0213 SF Paint Exterior Wood Floors And Decks, 1 Coat Primer, Sprayed .....	0.34	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 13 00-0214 SF Paint Exterior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.42	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 13 00-0215 SF Paint Exterior Wood Floors And Decks, 2 Coats Paint, Sprayed.....	0.69	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.36	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 13 00-0216 SF Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work.....	1.13	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0217 SF Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work.....	3.30	
For Up To 100, Add	0.69	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.17	
For >5,000 To 10,000, Deduct	-0.33	
For >10,000 To 20,000, Deduct	-0.50	
For >20,000, Deduct	-0.66	
<b>09 91 13 00-0218 Paint Exterior Doors And Windows (09 91 13)</b>		
<b>09 91 13 00-0219 Paint Exterior Door Frames (09 91 13 00-0218)</b>		
09 91 13 00-0220 LF Paint Exterior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.60	
For Painting Either Interior Or Exterior Only, Deduct	-0.16	
09 91 13 00-0221 LF Paint Exterior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.76	
For Painting Either Interior Or Exterior Only, Deduct	-0.20	
09 91 13 00-0222 LF Paint Exterior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.29	
For Painting Either Interior Or Exterior Only, Deduct	-0.34	
09 91 13 00-0223 LF Paint Exterior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.59	
For Painting Either Interior Or Exterior Only, Deduct	-0.16	
09 91 13 00-0224 LF Paint Exterior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.75	
For Painting Either Interior Or Exterior Only, Deduct	-0.20	
09 91 13 00-0225 LF Paint Exterior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.28	
For Painting Either Interior Or Exterior Only, Deduct	-0.34	
<b>09 91 13 00-0226 Paint Exterior Metal Doors (09 91 13 00-0218)</b>		
09 91 13 00-0227 EA Paint Exterior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work.....	25.75	
For Half Louvered Door, Add	2.34	
For Full Louvered Door, Add	3.90	
For Electrostatic Painting, Add	4.10	
For >5 To 10, Deduct	-1.29	
For >10 To 25, Deduct	-2.58	
For >25, Deduct	-3.86	
09 91 13 00-0228 EA Paint Exterior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work.....	25.75	
For Half Louvered Door, Add	2.34	
For Full Louvered Door, Add	3.90	
For Electrostatic Painting, Add	4.10	
For >5 To 10, Deduct	-1.29	
For >10 To 25, Deduct	-2.58	
For >25, Deduct	-3.86	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0229 EA Paint Exterior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work.....	46.50	
For Half Louvered Door, Add	3.95	
For Full Louvered Door, Add	6.59	
For Electrostatic Painting, Add	7.67	
For >5 To 10, Deduct	-2.33	
For >10 To 25, Deduct	-4.65	
For >25, Deduct	-6.98	
09 91 13 00-0230 EA Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	46.20	
For Half Louvered Door, Add	4.20	
For Full Louvered Door, Add	6.99	
For Electrostatic Painting, Add	7.35	
For >5 To 10, Deduct	-2.31	
For >10 To 25, Deduct	-4.62	
For >25, Deduct	-6.93	
09 91 13 00-0231 EA Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work .....	46.20	
For Half Louvered Door, Add	4.20	
For Full Louvered Door, Add	6.99	
For Electrostatic Painting, Add	7.35	
For >5 To 10, Deduct	-2.31	
For >10 To 25, Deduct	-4.62	
For >25, Deduct	-6.93	
09 91 13 00-0232 EA Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work .....	83.78	
For Half Louvered Door, Add	7.10	
For Full Louvered Door, Add	11.83	
For Electrostatic Painting, Add	13.85	
For >5 To 10, Deduct	-4.19	
For >10 To 25, Deduct	-8.38	
For >25, Deduct	-12.57	
09 91 13 00-0233 EA Paint Exterior Metal Door, One Face, 1 Coat Primer, Sprayed.....	21.55	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For Electrostatic Painting, Add	3.83	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 13 00-0234 EA Paint Exterior Metal Door, One Face, 1 Coat Paint, Sprayed .....	21.55	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For Electrostatic Painting, Add	3.83	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 13 00-0235 EA Paint Exterior Metal Door, One Face, 2 Coats Paint, Sprayed .....	39.74	
For Half Louvered Door, Add	2.63	
For Full Louvered Door, Add	4.39	
For Electrostatic Painting, Add	7.30	
For >5 To 10, Deduct	-1.99	
For >10 To 25, Deduct	-3.97	
For >25, Deduct	-5.96	
09 91 13 00-0236 EA Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Sprayed.....	38.70	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For Electrostatic Painting, Add	6.88	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 13 00-0237 EA Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Sprayed.....	38.70	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For Electrostatic Painting, Add	6.88	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 13 00-0238 EA Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Sprayed.....	71.65	
For Half Louvered Door, Add	4.73	
For Full Louvered Door, Add	7.89	
For Electrostatic Painting, Add	13.18	
For >5 To 10, Deduct	-3.58	
For >10 To 25, Deduct	-7.17	
For >25, Deduct	-10.75	
09 91 13 00-0239 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work .....	1.24	
For Electrostatic Painting, Add	0.15	
09 91 13 00-0240 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work .....	1.31	
For Electrostatic Painting, Add	0.17	
09 91 13 00-0241 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work.....	2.68	
For Electrostatic Painting, Add	0.33	
09 91 13 00-0242 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed.....	1.46	
For Electrostatic Painting, Add	0.17	
09 91 13 00-0243 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed .....	1.53	
For Electrostatic Painting, Add	0.19	
09 91 13 00-0244 SF Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed .....	2.96	
For Electrostatic Painting, Add	0.36	

09 91 13 00-0245 Paint Exterior Wood Doors (09 91 13 00-0218)



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0246 EA Paint Exterior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work .....	25.75	
For Half Louvered Door, Add	2.34	
For Full Louvered Door, Add	3.90	
For >5 To 10, Deduct	-1.29	
For >10 To 25, Deduct	-2.58	
For >25, Deduct	-3.86	
09 91 13 00-0247 EA Paint Exterior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work.....	25.75	
For Half Louvered Door, Add	2.34	
For Full Louvered Door, Add	3.90	
For >5 To 10, Deduct	-1.29	
For >10 To 25, Deduct	-2.58	
For >25, Deduct	-3.86	
09 91 13 00-0248 EA Paint Exterior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work .....	46.50	
For Half Louvered Door, Add	3.95	
For Full Louvered Door, Add	6.59	
For >5 To 10, Deduct	-2.33	
For >10 To 25, Deduct	-4.65	
For >25, Deduct	-6.98	
09 91 13 00-0249 EA Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	46.20	
For Half Louvered Door, Add	4.20	
For Full Louvered Door, Add	6.99	
For >5 To 10, Deduct	-2.31	
For >10 To 25, Deduct	-4.62	
For >25, Deduct	-6.93	
09 91 13 00-0250 EA Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work .....	46.20	
For Half Louvered Door, Add	4.20	
For Full Louvered Door, Add	6.99	
For >5 To 10, Deduct	-2.31	
For >10 To 25, Deduct	-4.62	
For >25, Deduct	-6.93	
09 91 13 00-0251 EA Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	83.78	
For Half Louvered Door, Add	7.10	
For Full Louvered Door, Add	11.83	
For >5 To 10, Deduct	-4.19	
For >10 To 25, Deduct	-8.38	
For >25, Deduct	-12.57	
09 91 13 00-0252 EA Paint Exterior Wood Door, One Face, 1 Coat Primer, Sprayed.....	21.55	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 13 00-0253 EA Paint Exterior Wood Door, One Face, 1 Coat Paint, Sprayed.....	21.55	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 13 00-0254 EA Paint Exterior Wood Door, One Face, 2 Coats Paint, Sprayed.....	39.75	
For Half Louvered Door, Add	2.64	
For Full Louvered Door, Add	4.39	
For >5 To 10, Deduct	-1.99	
For >10 To 25, Deduct	-3.98	
For >25, Deduct	-5.96	
09 91 13 00-0255 EA Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Sprayed.....	38.70	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 13 00-0256 EA Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Sprayed.....	38.70	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 13 00-0257 EA Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Sprayed .....	71.65	
For Half Louvered Door, Add	4.73	
For Full Louvered Door, Add	7.89	
For >5 To 10, Deduct	-3.58	
For >10 To 25, Deduct	-7.17	
For >25, Deduct	-10.75	
09 91 13 00-0258 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work .....	1.24	
09 91 13 00-0259 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work.....	1.31	
09 91 13 00-0260 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work .....	2.68	
09 91 13 00-0261 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed .....	1.46	
09 91 13 00-0262 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed .....	1.53	
09 91 13 00-0263 SF Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed.....	2.96	

09 91 13 00-0264 Paint Exterior Metal Windows (09 91 13 00-0218)  
 Note: Two finish coats paint over rust inhibitive primer.

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0265	EA		Up To 8 SF Window Size, Paint Exterior Metal Window Including Trim.....	41.70	
			<i>For Electrostatic Painting, Add</i>	5.18	
			<i>For &gt;5 To 10, Deduct</i>	-2.09	
			<i>For &gt;10 To 25, Deduct</i>	-4.17	
			<i>For &gt;25, Deduct</i>	-6.26	
09 91 13 00-0266	EA		> 8 To 14 SF Window Size, Paint Exterior Metal Window Including Trim.....	50.75	
			<i>For Electrostatic Painting, Add</i>	6.64	
			<i>For &gt;5 To 10, Deduct</i>	-2.54	
			<i>For &gt;10 To 25, Deduct</i>	-5.08	
			<i>For &gt;25, Deduct</i>	-7.61	
09 91 13 00-0267	EA		> 14 To 20 SF Window Size, Paint Exterior Metal Window Including Trim.....	68.57	
			<i>For Electrostatic Painting, Add</i>	9.08	
			<i>For &gt;5 To 10, Deduct</i>	-3.43	
			<i>For &gt;10 To 25, Deduct</i>	-6.86	
			<i>For &gt;25, Deduct</i>	-10.29	
09 91 13 00-0268	EA		> 20 To 26 SF Window Size, Paint Exterior Metal Window Including Trim.....	77.22	
			<i>For Electrostatic Painting, Add</i>	10.23	
			<i>For &gt;5 To 10, Deduct</i>	-3.86	
			<i>For &gt;10 To 25, Deduct</i>	-7.72	
			<i>For &gt;25, Deduct</i>	-11.58	
09 91 13 00-0269	EA		> 26 To 34 SF Window Size, Paint Exterior Metal Window Including Trim.....	85.61	
			<i>For Electrostatic Painting, Add</i>	11.32	
			<i>For &gt;5 To 10, Deduct</i>	-4.28	
			<i>For &gt;10 To 25, Deduct</i>	-8.56	
			<i>For &gt;25, Deduct</i>	-12.84	
09 91 13 00-0270	SF		> 34 SF Window Size, Paint Exterior Metal Window Including Trim.....	2.71	
			<i>For Electrostatic Painting, Add</i>	0.36	
<b>09 91 13 00-0271</b>			<b>Paint Exterior Wood Windows</b> (09 91 13 00-0218)		
			Note: Two finish coats paint over primer.		
09 91 13 00-0272	EA		Up To 8 SF Window Size, Paint Exterior Wood Window Including Trim.....	41.70	
			<i>For &gt;5 To 10, Deduct</i>	-2.09	
			<i>For &gt;10 To 25, Deduct</i>	-4.17	
			<i>For &gt;25, Deduct</i>	-6.26	
09 91 13 00-0273	EA		> 8 To 14 SF Window Size, Paint Exterior Wood Window Including Trim.....	50.75	
			<i>For &gt;5 To 10, Deduct</i>	-2.54	
			<i>For &gt;10 To 25, Deduct</i>	-5.08	
			<i>For &gt;25, Deduct</i>	-7.61	
09 91 13 00-0274	EA		> 14 To 20 SF Window Size, Paint Exterior Wood Window Including Trim.....	68.57	
			<i>For &gt;5 To 10, Deduct</i>	-3.43	
			<i>For &gt;10 To 25, Deduct</i>	-6.86	
			<i>For &gt;25, Deduct</i>	-10.29	
09 91 13 00-0275	EA		> 20 To 26 SF Window Size, Paint Exterior Wood Window Including Trim.....	77.22	
			<i>For &gt;5 To 10, Deduct</i>	-3.86	
			<i>For &gt;10 To 25, Deduct</i>	-7.72	
			<i>For &gt;25, Deduct</i>	-11.58	
09 91 13 00-0276	EA		> 26 To 34 SF Window Size, Paint Exterior Wood Window Including Trim.....	85.61	
			<i>For &gt;5 To 10, Deduct</i>	-4.28	
			<i>For &gt;10 To 25, Deduct</i>	-8.56	
			<i>For &gt;25, Deduct</i>	-12.84	
09 91 13 00-0277	SF		> 34 SF Window Size, Paint Exterior Wood Window Including Trim.....	2.86	
<b>09 91 13 00-0278</b>			<b>Paint Exterior Security Screens</b> (09 91 13 00-0218)		
09 91 13 00-0279	SF		Paint Exterior Security Screen, 1 Coat Primer, Brush/Roller Work.....	0.83	
			<i>For Electrostatic Painting, Add</i>	0.11	
09 91 13 00-0280	SF		Paint Exterior Security Screen, 1 Coat Paint, Brush/Roller Work.....	0.87	
			<i>For Electrostatic Painting, Add</i>	0.10	
09 91 13 00-0281	SF		Paint Exterior Security Screen, 2 Coats Paint, Brush/Roller Work.....	1.43	
			<i>For Electrostatic Painting, Add</i>	0.17	
<b>09 91 13 00-0282</b>			<b>Paint Exterior Window Guards</b> (09 91 13 00-0218)		
09 91 13 00-0283	SF		Paint Exterior Metal Window Guards, 1 Coat Primer, Brush/Roller Work.....	0.83	
09 91 13 00-0284	SF		Paint Exterior Metal Window Guards, 1 Coat Paint, Brush/Roller Work.....	0.87	
09 91 13 00-0285	SF		Paint Exterior Metal Window Guards, 2 Coats Paint, Brush/Roller Work.....	1.43	
<b>09 91 13 00-0286</b>			<b>Paint Exterior Window Trim</b> (09 91 13 00-0218)		
09 91 13 00-0287	LF		Paint Exterior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.78	
09 91 13 00-0288	LF		Paint Exterior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.78	
09 91 13 00-0289	LF		Paint Exterior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	0.98	
09 91 13 00-0290	LF		Paint Exterior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.85	
09 91 13 00-0291	LF		Paint Exterior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.85	
09 91 13 00-0292	LF		Paint Exterior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.11	
<b>09 91 13 00-0293</b>			<b>Paint Roofing And Trim</b> (09 91 13)		
<b>09 91 13 00-0294</b>			<b>Paint Stain Or Seal Wood Roofing</b> (09 91 13 00-0293)		



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0295 SF Stain And Seal Shingles/Shake, 1 Coat, Brush/Roller Work.....	1.13	
For Up To 100, Add	0.58	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
09 91 13 00-0296 SF Stain And Seal Shingles/Shake, 2 Coats, Brush/Roller Work.....	2.10	
For Up To 100, Add	1.06	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	
<b>09 91 13 00-0297 Paint Metal Roofing (09 91 13 00-0293)</b>		
09 91 13 00-0298 SF Paint Metal Roofing, 1 Coat Paint, Brush/Roller Work.....	0.46	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
09 91 13 00-0299 SF Paint Metal Roofing, 2 Coats Paint, Brush/Roller Work.....	0.81	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
<b>09 91 13 00-0300 Paint Fascia Board (09 91 13 00-0293)</b>		
09 91 13 00-0301 LF Paint Fascia Board, 1 Coat Primer, Brush/Roller Work .....	0.46	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
09 91 13 00-0302 LF Paint Fascia Board, 1 Coat Paint, Brush/Roller Work.....	0.46	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
09 91 13 00-0303 LF Paint Fascia Board, 2 Coats Paint, Brush/Roller Work .....	0.81	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
<b>09 91 13 00-0304 Paint Soffit (09 91 13 00-0293)</b>		
09 91 13 00-0305 SF Paint Soffit, 1 Coat Primer, Brush/Roller Work .....	0.55	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
09 91 13 00-0306 SF Paint Soffit, 1 Coat Paint, Brush/Roller Work.....	0.55	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
09 91 13 00-0307 SF Paint Soffit, 2 Coats Paint, Brush/Roller Work.....	0.94	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
<b>09 91 13 00-0308 Paint Site Work (09 91 13)</b>		
Note: Tasks can be used for exterior or interior applications.		
<b>09 91 13 00-0309 Paint Structural Steel (09 91 13 00-0308)</b>		
<b>09 91 13 00-0310 Paint Structural Steel, Brush Work (09 91 13 00-0309)</b>		
09 91 13 00-0311 SF Paint Structural Steel, 1 Field Coat Primer, Brush/Roller Work .....	0.58	
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For Epoxy Paint, Add	0.06	
09 91 13 00-0312 SF Paint Structural Steel, 1 Field Coat Paint, Brush/Roller Work.....	0.51	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For Epoxy Paint, Add	0.06	
<b>09 91 13 00-0313 Paint Structural Steel, Spray Work (09 91 13 00-0309)</b>		
09 91 13 00-0314 SF Paint Structural Steel, 1 Field Coat Primer, Spray Work.....	0.39	
For Electrostatic Painting, Add	0.05	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For Epoxy Paint, Add	0.05	
09 91 13 00-0315 SF Paint Structural Steel, 1 Field Coat Paint, Spray Work .....	0.32	
For Electrostatic Painting, Add	0.05	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For Epoxy Paint, Add	0.05	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

09 91 13 00-0316		Paint Metal Decking, Beams And Bar Joist (09 91 13 00-0309)		
09 91 13 00-0317	SF	Paint Exposed Metal Decking, 1 Coat Primer, Sprayed.....	0.44	
		For Up To 100, Add	0.27	
		For >100 To 250, Add	0.13	
		For >250 To 500, Add	0.06	
		For Epoxy Paint, Add	0.05	
09 91 13 00-0318	SF	Paint Exposed Metal Decking, 1 Coat Paint, Sprayed.....	0.44	
		For Up To 100, Add	0.27	
		For >100 To 250, Add	0.13	
		For >250 To 500, Add	0.06	
		For Epoxy Paint, Add	0.05	
09 91 13 00-0319	SF	Paint Exposed Metal Decking, 2 Coats Paint, Sprayed.....	0.74	
		For Up To 100, Add	0.44	
		For >100 To 250, Add	0.21	
		For >250 To 500, Add	0.09	
		For Epoxy Paint, Add	0.10	
09 91 13 00-0320	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Brush/Roller Work.....	0.60	
		For Up To 100, Add	0.34	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For Epoxy Paint, Add	0.09	
09 91 13 00-0321	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Brush/Roller Work.....	0.59	
		For Up To 100, Add	0.34	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For Epoxy Paint, Add	0.08	
09 91 13 00-0322	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Brush/Roller Work.....	1.11	
		For Up To 100, Add	0.63	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For Epoxy Paint, Add	0.15	
09 91 13 00-0323	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Sprayed.....	0.53	
		For Up To 100, Add	0.31	
		For >100 To 250, Add	0.15	
		For >250 To 500, Add	0.07	
		For Epoxy Paint, Add	0.07	
09 91 13 00-0324	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Sprayed.....	0.53	
		For Up To 100, Add	0.31	
		For >100 To 250, Add	0.15	
		For >250 To 500, Add	0.07	
		For Epoxy Paint, Add	0.07	
09 91 13 00-0325	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Sprayed.....	0.92	
		For Up To 100, Add	0.52	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
		For Epoxy Paint, Add	0.13	
09 91 13 00-0326		Paint Steel Pipes (09 91 13 00-0308)		
		Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0327	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Primer.....	0.82	
		For Electrostatic Painting, Add	0.10	
		For Epoxy Paint, Add	0.09	
09 91 13 00-0328	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Primer.....	0.92	
		For Electrostatic Painting, Add	0.12	
		For Epoxy Paint, Add	0.10	
09 91 13 00-0329	LF	Paint Steel Pipes 4" Diameter, 1 Coat Primer.....	1.04	
		For Electrostatic Painting, Add	0.13	
		For Epoxy Paint, Add	0.11	
09 91 13 00-0330	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Primer.....	1.30	
		For Electrostatic Painting, Add	0.17	
		For Epoxy Paint, Add	0.14	
09 91 13 00-0331	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Primer.....	1.64	
		For Electrostatic Painting, Add	0.21	
		For Epoxy Paint, Add	0.17	
09 91 13 00-0332	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Paint.....	0.82	
		For Electrostatic Painting, Add	0.10	
		For Epoxy Paint, Add	0.09	
09 91 13 00-0333	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Paint.....	0.92	
		For Electrostatic Painting, Add	0.12	
		For Epoxy Paint, Add	0.10	
09 91 13 00-0334	LF	Paint Steel Pipes 4" Diameter, 1 Coat Paint.....	1.04	
		For Electrostatic Painting, Add	0.13	
		For Epoxy Paint, Add	0.11	
09 91 13 00-0335	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Paint.....	1.30	
		For Electrostatic Painting, Add	0.17	
		For Epoxy Paint, Add	0.14	
09 91 13 00-0336	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Paint.....	1.64	
		For Electrostatic Painting, Add	0.21	
		For Epoxy Paint, Add	0.17	
09 91 13 00-0337	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 2 Coats.....	1.67	
		For Electrostatic Painting, Add	0.23	
		For Epoxy Paint, Add	0.20	





<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0338 LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 2 Coats .....	1.83	
<i>For Electrostatic Painting, Add</i>	0.23	
<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0339 LF Paint Steel Pipes 4" Diameter, 2 Coats .....	1.99	
<i>For Electrostatic Painting, Add</i>	0.26	
<i>For Epoxy Paint, Add</i>	0.22	
09 91 13 00-0340 LF Paint Steel Pipes 6" To 8" Diameter, 2 Coats .....	2.51	
<i>For Electrostatic Painting, Add</i>	0.32	
<i>For Epoxy Paint, Add</i>	0.27	
09 91 13 00-0341 LF Paint Steel Pipes 10" To 12" Diameter, 2 Coats .....	3.09	
<i>For Electrostatic Painting, Add</i>	0.40	
<i>For Epoxy Paint, Add</i>	0.33	
<b>09 91 13 00-0342 Paint Fencing</b> <small>(09 91 13 00-0308)</small>		
Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0343 SF Paint Existing Chain Link Fence, 1 Coat Paint, Brush/Roller .....	0.42	
<i>For Epoxy Paint, Add</i>	0.05	
<i>For Up To 100, Add</i>	0.26	
<i>For &gt;100 To 250, Add</i>	0.12	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0344 SF Paint Existing Chain Link Fence, 2 Coats Paint, Brush/Roller .....	0.77	
<i>For Epoxy Paint, Add</i>	0.09	
<i>For Up To 100, Add</i>	0.48	
<i>For &gt;100 To 250, Add</i>	0.23	
<i>For &gt;250 To 500, Add</i>	0.10	
09 91 13 00-0345 SF Paint Existing Chain Link Fence, 1 Coat Paint, Sprayed .....	0.40	
<i>For Epoxy Paint, Add</i>	0.05	
<i>For Up To 100, Add</i>	0.23	
<i>For &gt;100 To 250, Add</i>	0.11	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0346 SF Paint Existing Chain Link Fence, 2 Coats Paint, Sprayed .....	0.73	
<i>For Epoxy Paint, Add</i>	0.10	
<i>For Up To 100, Add</i>	0.42	
<i>For &gt;100 To 250, Add</i>	0.20	
<i>For &gt;250 To 500, Add</i>	0.09	
09 91 13 00-0347 SF Paint Wrought Iron Fence, 1 Coat Primer, Brush/Roller .....	0.38	
<i>For Up To 100, Add</i>	0.22	
<i>For &gt;100 To 250, Add</i>	0.11	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0348 SF Paint Wrought Iron Fence, 1 Coat, Brush/Roller .....	0.36	
<i>For Up To 100, Add</i>	0.22	
<i>For &gt;100 To 250, Add</i>	0.10	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0349 SF Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller .....	0.26	
<i>For Up To 100, Add</i>	0.14	
<i>For &gt;100 To 250, Add</i>	0.07	
<i>For &gt;250 To 500, Add</i>	0.03	
09 91 13 00-0350 SF Paint Picket Fence, 1 Coat Primer, Brush/Roller .....	0.49	
<i>For Up To 100, Add</i>	0.33	
<i>For &gt;100 To 250, Add</i>	0.16	
<i>For &gt;250 To 500, Add</i>	0.07	
09 91 13 00-0351 SF Paint Picket Fence, 1 Coat, Brush/Roller .....	0.49	
<i>For Up To 100, Add</i>	0.33	
<i>For &gt;100 To 250, Add</i>	0.16	
<i>For &gt;250 To 500, Add</i>	0.07	
09 91 13 00-0352 SF Paint Picket Fence, Each Additional Coat, Brush/Roller .....	0.35	
<i>For Up To 100, Add</i>	0.23	
<i>For &gt;100 To 250, Add</i>	0.11	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0353 SF Paint Wood Fences 1 Coat, Brush/Roller .....	0.38	
<i>For Up To 100, Add</i>	0.22	
<i>For &gt;100 To 250, Add</i>	0.11	
<i>For &gt;250 To 500, Add</i>	0.05	
09 91 13 00-0354 SF Paint Wood Fences 2 Coats, Brush/Roller .....	0.68	
<i>For Up To 100, Add</i>	0.38	
<i>For &gt;100 To 250, Add</i>	0.19	
<i>For &gt;250 To 500, Add</i>	0.08	
09 91 13 00-0355 SF Paint Wood Fences 1 Coat, Sprayed .....	0.32	
<i>For Up To 100, Add</i>	0.17	
<i>For &gt;100 To 250, Add</i>	0.08	
<i>For &gt;250 To 500, Add</i>	0.04	
09 91 13 00-0356 SF Paint Wood Fences 2 Coats, Sprayed .....	0.59	
<i>For Up To 100, Add</i>	0.32	
<i>For &gt;100 To 250, Add</i>	0.15	
<i>For &gt;250 To 500, Add</i>	0.07	
<b>09 91 13 00-0357 Paint Metal Louvers</b> <small>(09 91 13 00-0308)</small>		
09 91 13 00-0358 SF Paint Ventilation Louver, SF Of Opening Area, 1 Coat Primer, Brush/Roller Work .....	0.82	
<i>For Electrostatic Painting, Add</i>	0.10	
09 91 13 00-0359 SF Paint Ventilation Louver, SF Of Opening Area, 1 Coat Alkyd, Brush/Roller Work .....	0.83	
<i>For Electrostatic Painting, Add</i>	0.10	
09 91 13 00-0360 SF Paint Ventilation Louver, SF Of Opening Area, 2 Coats Alkyd, Brush/Roller Work .....	1.68	
<i>For Electrostatic Painting, Add</i>	0.20	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0361 Paint Ladders</b> <small>(09 91 13 00-0308)</small>		
09 91 13 00-0362 LF Paint Ladders, 1 Coat Alkyd Primer, Brush/Roller Work.....	2.25	
<i>For Epoxy Paint, Add</i>	0.13	
09 91 13 00-0363 LF Paint Ladders, 1 Coat Alkyd Enamel, Brush/Roller Work.....	2.51	
<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0364 LF Paint Ladders, 2 Coats Alkyd Enamel, Brush/Roller Work.....	4.97	
<i>For Epoxy Paint, Add</i>	0.28	
<b>09 91 13 00-0365 Paint Handrails</b> <small>(09 91 13 00-0308)</small>		
09 91 13 00-0366 LF Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	0.89	
<i>For Epoxy Paint, Add</i>	0.07	
09 91 13 00-0367 LF Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	0.99	
<i>For Epoxy Paint, Add</i>	0.07	
09 91 13 00-0368 LF Paint Hand Rail And Bracket, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	1.63	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0369 LF Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.34	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0370 LF Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.50	
<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0371 LF Paint Pipe Rail And Pickets, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.63	
<i>For Epoxy Paint, Add</i>	0.18	
09 91 13 00-0372 LF Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.47	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0373 LF Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.63	
<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0374 LF Paint Pipe Rail And Pickets, 2 Rails, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.81	
<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0375 LF Paint Balustrades, 1 Coat Alkyd Primer, Brush/Roller Work.....	0.96	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0376 LF Paint Balustrades, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.06	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0377 LF Paint Balustrades, 2 Coats Alkyd Enamel, Brush/Roller Work.....	1.92	
<i>For Epoxy Paint, Add</i>	0.20	
<b>09 91 13 00-0378 Paint Grating</b> <small>(09 91 13 00-0308)</small>		
09 91 13 00-0379 SF Paint Gratings And Frames, 1 Coat Primer, Brush/Roller Work.....	1.64	
<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0380 SF Paint Gratings And Frames, 1 Coat Paint, Brush/Roller Work.....	1.66	
<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0381 SF Paint Gratings And Frames, 2 Coats Paint, Brush/Roller Work.....	2.49	
<i>For Epoxy Paint, Add</i>	0.18	
<b>09 91 13 00-0382 Other Site Work Painting</b> <small>(09 91 13 00-0308)</small>		
<b>09 91 13 00-0383 Paint Shutters Or Blinds, Solid Panel</b> <small>(09 91 13 00-0382)</small>		
09 91 13 00-0384 SF Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Brush Work.....	1.78	
09 91 13 00-0385 SF Paint Shutter Or Blinds, Solid Panel, 1 Coat, Brush Work.....	1.79	
09 91 13 00-0386 SF Paint Shutter Or Blinds, Solid Panel, 2 Coats, Brush Work.....	3.19	
09 91 13 00-0387 SF Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Sprayed.....	1.01	
09 91 13 00-0388 SF Paint Shutter Or Blinds, Solid Panel, 1 Coat, Sprayed.....	1.02	
09 91 13 00-0389 SF Paint Shutter Or Blinds, Solid Panel, 2 Coats, Sprayed.....	1.89	
<b>09 91 13 00-0390 Paint Shutters Or Blinds, Louvered Panel</b> <small>(09 91 13 00-0382)</small>		
09 91 13 00-0391 SF Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Brush Work.....	2.21	
09 91 13 00-0392 SF Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Brush Work.....	2.22	
09 91 13 00-0393 SF Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Brush Work.....	3.94	
09 91 13 00-0394 SF Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Sprayed.....	1.23	
09 91 13 00-0395 SF Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Sprayed.....	1.24	
09 91 13 00-0396 SF Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Sprayed.....	2.28	
<b>09 91 13 00-0397 Paint Flagpoles</b> <small>(09 91 13 00-0382)</small>		
09 91 13 00-0398 EA Paint Steel Flagpole, 20' High, 1 Coat Paint.....	123.26	
09 91 13 00-0399 EA Paint Steel Flagpole, 30' High, 1 Coat Paint.....	165.84	
09 91 13 00-0400 EA Paint Steel Flagpole, 40' High, 1 Coat Paint.....	208.42	
09 91 13 00-0401 EA Paint Steel Flagpole, 50' High, 1 Coat Paint.....	251.04	
09 91 13 00-0402 EA Paint Steel Flagpole, 70' High, 1 Coat Paint.....	335.80	
09 91 13 00-0403 EA Paint Steel Flagpole, 80' High, 1 Coat Paint.....	378.34	
09 91 13 00-0404 EA Paint Steel Flagpole, 90' High, 1 Coat Paint.....	420.89	
<b>09 91 13 00-0405 Paint Lattice Or Trellis</b> <small>(09 91 13 00-0382)</small>		
09 91 13 00-0406 SF Paint Wood Lattice Or Trellis 1 Coat, Spray Per Side.....	0.79	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0407 SF Paint Wood Lattice Or Trellis 2 Coats, Spray Per Side..... <i>For Up To 100, Add</i> <i>For &gt;100 To 250, Add</i> <i>For &gt;250 To 500, Add</i>	1.46 0.97 0.46 0.20	
<b>09 91 13 00-0408 Paint Exterior Stairs</b> (09 91 13)		
<b>09 91 13 00-0409 Paint Exterior Concrete Stairs</b> (09 91 13 00-0408)		
09 91 13 00-0410 RSR Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work.....	9.84	
09 91 13 00-0411 RSR Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	9.84	
09 91 13 00-0412 RSR Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work.....	12.83	
09 91 13 00-0413 RSR Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work.....	21.52	
09 91 13 00-0414 RSR Paint Exterior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	19.68	
<b>09 91 13 00-0415 Paint Exterior Metal Stairs</b> (09 91 13 00-0408)		
09 91 13 00-0416 RSR Paint Exterior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	5.10 0.27	
09 91 13 00-0417 RSR Paint Exterior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	5.10 0.27	
09 91 13 00-0418 RSR Paint Exterior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	10.21 0.55	
<b>09 91 13 00-0419 Paint Exterior Wood Stairs</b> (09 91 13 00-0408)		
09 91 13 00-0420 RSR Paint Exterior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work.....	5.10	
09 91 13 00-0421 RSR Paint Exterior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	5.10	
09 91 13 00-0422 RSR Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work.....	8.09	
09 91 13 00-0423 RSR Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work.....	16.78	
09 91 13 00-0424 RSR Paint Exterior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	10.21	
<b>09 91 13 00-0425 Paint Exterior Stair Nosing</b> (09 91 13 00-0408)		
09 91 13 00-0426 LF Paint Exterior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work.....	0.80	
<b>09 91 13 00-0427 Paint Exterior Trim</b> (09 91 13)		
<b>09 91 13 00-0428 Paint Exterior Metal Trim And Gutters</b> (09 91 13 00-0427)		
09 91 13 00-0429 SF Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work.....	0.71	
09 91 13 00-0430 SF Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work.....	0.71	
09 91 13 00-0431 SF Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work.....	1.29	
09 91 13 00-0432 SF Paint Exterior Metal Trim, 1 Coat Primer, Brush/Roller Work.....	0.58	
09 91 13 00-0433 SF Paint Exterior Metal Trim, 1 Coat Paint, Brush/Roller Work.....	0.64	
09 91 13 00-0434 SF Paint Exterior Metal Trim, 2 Coats Paint, Brush/Roller Work.....	1.15	
09 91 13 00-0435 LF Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work.....	1.04	
09 91 13 00-0436 LF Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work.....	1.34	
<b>09 91 13 00-0437 Paint Exterior Wood Trim</b> (09 91 13 00-0427)		
09 91 13 00-0438 SF Paint Exterior Wood Trim, 1 Coat Primer, Brush Work..... <i>For Oil Based Paint, Add</i>	0.83 0.05	
09 91 13 00-0439 SF Paint Exterior Wood Trim, 1 Coat Paint, Brush Work..... <i>For Oil Based Paint, Add</i>	0.90 0.06	
09 91 13 00-0440 SF Paint Exterior Wood Trim, 2 Coats Paint, Brush Work..... <i>For Oil Based Paint, Add</i>	1.65 0.10	
09 91 13 00-0441 SF Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	0.67 0.04	
09 91 13 00-0442 SF Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	0.74 0.05	
09 91 13 00-0443 SF Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work..... <i>For Oil Based Paint, Add</i>	1.40 0.09	
<b>09 91 13 00-0444 Paint Exterior Miscellaneous Metal Surfaces</b> (09 91 13)		
09 91 13 00-0445 SF Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Primer, Brush/Roller Work..... <i>For Epoxy Paint, Add</i> <i>For Electrostatic Painting, Add</i>	0.77 0.08 0.10	
09 91 13 00-0446 SF Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work..... <i>For Epoxy Paint, Add</i> <i>For Electrostatic Painting, Add</i>	0.72 0.07 0.09	
09 91 13 00-0447 SF Paint Exterior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work..... <i>For Epoxy Paint, Add</i> <i>For Electrostatic Painting, Add</i>	1.46 0.14 0.18	
<b>09 91 23 Interior Painting</b> (09 91)		
Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels.		
<b>09 91 23 00-0001 Paint Interior Walls</b> (09 91 23)		

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 23 00-0002	Paint Interior Brick Walls <small>(09 91 23 00-0001)</small>	
09 91 23 00-0003	SF Paint Interior Brick Walls, 1 Coat Filler, Brush Work.....	0.55
	For Oil Based Paint, Add	0.03
	For Up To 100, Add	0.33
	For >100 To 250, Add	0.16
	For >250 To 500, Add	0.07
	For >2,500 To 5,000, Deduct	-0.03
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000 To 20,000, Deduct	-0.08
	For >20,000, Deduct	-0.11
09 91 23 00-0004	SF Paint Interior Brick Walls, 1 Coat Paint, Brush Work.....	0.63
	For Oil Based Paint, Add	0.04
	For Up To 100, Add	0.38
	For >100 To 250, Add	0.18
	For >250 To 500, Add	0.08
	For >2,500 To 5,000, Deduct	-0.03
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000 To 20,000, Deduct	-0.09
	For >20,000, Deduct	-0.13
09 91 23 00-0005	SF Paint Interior Brick Walls, 2 Coats Paint, Brush Work.....	1.14
	For Oil Based Paint, Add	0.07
	For Up To 100, Add	0.68
	For >100 To 250, Add	0.32
	For >250 To 500, Add	0.14
	For >2,500 To 5,000, Deduct	-0.06
	For >5,000 To 10,000, Deduct	-0.11
	For >10,000 To 20,000, Deduct	-0.17
	For >20,000, Deduct	-0.23
09 91 23 00-0006	SF Paint Interior Brick Walls, 1 Coat Filler, Brush/Roller Work.....	0.46
	For Oil Based Paint, Add	0.03
	For Up To 100, Add	0.27
	For >100 To 250, Add	0.13
	For >250 To 500, Add	0.06
	For >2,500 To 5,000, Deduct	-0.02
	For >5,000 To 10,000, Deduct	-0.05
	For >10,000 To 20,000, Deduct	-0.07
	For >20,000, Deduct	-0.09
09 91 23 00-0007	SF Paint Interior Brick Walls, 1 Coat Paint, Brush/Roller Work.....	0.57
	For Oil Based Paint, Add	0.04
	For Up To 100, Add	0.31
	For >100 To 250, Add	0.15
	For >250 To 500, Add	0.07
	For >2,500 To 5,000, Deduct	-0.03
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000 To 20,000, Deduct	-0.09
	For >20,000, Deduct	-0.11
09 91 23 00-0008	SF Paint Interior Brick Walls, 2 Coats Paint, Brush/Roller Work.....	0.98
	For Oil Based Paint, Add	0.07
	For Up To 100, Add	0.53
	For >100 To 250, Add	0.26
	For >250 To 500, Add	0.11
	For >2,500 To 5,000, Deduct	-0.05
	For >5,000 To 10,000, Deduct	-0.10
	For >10,000 To 20,000, Deduct	-0.15
	For >20,000, Deduct	-0.20
09 91 23 00-0009	SF Paint Interior Brick Walls, 1 Coat Filler, Sprayed.....	0.36
	For Oil Based Paint, Add	0.03
	For Up To 100, Add	0.18
	For >100 To 250, Add	0.09
	For >250 To 500, Add	0.04
	For >2,500 To 5,000, Deduct	-0.02
	For >5,000 To 10,000, Deduct	-0.04
	For >10,000 To 20,000, Deduct	-0.05
	For >20,000, Deduct	-0.07
09 91 23 00-0010	SF Paint Interior Brick Walls, 1 Coat Paint, Sprayed.....	0.42
	For Oil Based Paint, Add	0.03
	For Up To 100, Add	0.19
	For >100 To 250, Add	0.09
	For >250 To 500, Add	0.04
	For >2,500 To 5,000, Deduct	-0.02
	For >5,000 To 10,000, Deduct	-0.04
	For >10,000 To 20,000, Deduct	-0.06
	For >20,000, Deduct	-0.08
09 91 23 00-0011	SF Paint Interior Brick Walls, 2 Coats Paint, Sprayed.....	0.73
	For Oil Based Paint, Add	0.05
	For Up To 100, Add	0.33
	For >100 To 250, Add	0.17
	For >250 To 500, Add	0.07
	For >2,500 To 5,000, Deduct	-0.04
	For >5,000 To 10,000, Deduct	-0.07
	For >10,000 To 20,000, Deduct	-0.11
	For >20,000, Deduct	-0.15



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0012 SF Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush Work .....	0.57	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0013 SF Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush/Roller Work .....	0.48	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 23 00-0014 SF Paint Interior Brick Walls, 1 Coat Bonding Agent, Spray .....	0.39	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
<b>09 91 23 00-0015 Paint Interior Concrete Walls (09 91 23 00-0001)</b>		
09 91 23 00-0016 SF Paint Interior Concrete Walls, 1 Coat Filler, Brush Work .....	0.47	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0017 SF Paint Interior Concrete Walls, 1 Coat Paint, Brush Work .....	0.50	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0018 SF Paint Interior Concrete Walls, 2 Coats Paint, Brush Work .....	0.89	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 23 00-0019 SF Paint Interior Concrete Walls, 1 Coat Filler, Brush/Roller Work .....	0.39	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0020 SF Paint Interior Concrete Walls, 1 Coat Paint, Brush/Roller Work .....	0.43	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 23 00-0021 SF Paint Interior Concrete Walls, 2 Coats Paint, Brush/Roller Work .....	0.77	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0022	SF		Paint Interior Concrete Walls, 1 Coat Filler, Sprayed.....	0.29	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.14	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.04	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0023	SF		Paint Interior Concrete Walls, 1 Coat Paint, Sprayed.....	0.32	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.17	
			<i>For &gt;100 To 250, Add</i>	0.08	
			<i>For &gt;250 To 500, Add</i>	0.04	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.05	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0024	SF		Paint Interior Concrete Walls, 2 Coats Paint, Sprayed.....	0.54	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.28	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0025	SF		Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush Work.....	0.49	
			<i>For Up To 100, Add</i>	0.29	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 23 00-0026	SF		Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush/Roller Work.....	0.41	
			<i>For Up To 100, Add</i>	0.23	
			<i>For &gt;100 To 250, Add</i>	0.11	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.08	
09 91 23 00-0027	SF		Paint Interior Concrete Walls, 1 Coat Bonding Agent, Sprayed.....	0.31	
			<i>For Up To 100, Add</i>	0.14	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.05	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0028			Paint Interior Concrete Block Walls (09 91 23 00-0001)		
09 91 23 00-0029			Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0028)		
09 91 23 00-0030	SF		Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work.....	0.66	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0031	SF		Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush.....	0.75	
			<i>For Up To 100, Add</i>	0.45	
			<i>For &gt;100 To 250, Add</i>	0.22	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.15	
09 91 23 00-0032	SF		Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work.....	1.36	
			<i>For Up To 100, Add</i>	0.79	
			<i>For &gt;100 To 250, Add</i>	0.38	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0033 SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work .....	0.55	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0034 SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work.....	0.60	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0035 SF Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work .....	1.15	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0036 SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed.....	0.43	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 23 00-0037 SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed.....	0.51	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0038 SF Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed.....	0.94	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
<b>09 91 23 00-0039 Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0028)</b> .....	<b>0.60</b>	
09 91 23 00-0040 SF Paint Interior Concrete Block Walls, 1 Coat Filler, Brush Work.....	0.60	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0041 SF Paint Interior Concrete Block Walls, 1 Coat Paint, Brush Work .....	0.71	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0042 SF Paint Interior Concrete Block Walls, 2 Coats Paint, Brush Work .....	1.30	
For Oil Based Paint, Add	0.08	
For Up To 100, Add	0.77	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
09 91 23 00-0043 SF Paint Interior Concrete Block Walls, Texture Coat, Brush Work .....	0.78	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.47	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0044	SF		Paint Interior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work .....	0.51	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.30	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 23 00-0045	SF		Paint Interior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work .....	0.61	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	
09 91 23 00-0046	SF		Paint Interior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work .....	1.10	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.62	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.22	
09 91 23 00-0047	SF		Paint Interior Concrete Block Walls, Texture Coat, Brush/Roller Work .....	0.68	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.40	
			<i>For &gt;100 To 250, Add</i>	0.19	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 23 00-0048	SF		Paint Interior Concrete Block Walls, 1 Coat Filler, Sprayed .....	0.41	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.21	
			<i>For &gt;100 To 250, Add</i>	0.10	
			<i>For &gt;250 To 500, Add</i>	0.04	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.08	
09 91 23 00-0049	SF		Paint Interior Concrete Block Walls, 1 Coat Paint, Sprayed .....	0.48	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.23	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 23 00-0050	SF		Paint Interior Concrete Block Walls, 2 Coats Paint, Sprayed .....	0.67	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.35	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0051	SF		Paint Interior Concrete Block Walls, Texture Coat, Sprayed .....	0.57	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.27	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0052			<b>Paint Interior Concrete Block Walls With Bonding Agent</b> (09 91 23 00-0028)		
09 91 23 00-0053	SF		Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush .....	0.62	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	





<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0054 SF Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush/Roller Work.....	0.53	
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0055 SF Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Sprayed.....	0.44	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
<b>09 91 23 00-0056 Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)</b>		
<b>09 91 23 00-0057 Paint Interior Plaster/Drywall Walls (09 91 23 00-0056)</b>		
09 91 23 00-0058 SF Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Work.....	0.49	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 23 00-0059 SF Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush Work.....	0.51	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Each Coat With Egg Shell Finish, Add	0.01	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0060 SF Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Work.....	0.93	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.13	
For Each Coat With Egg Shell Finish, Add	0.01	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0061 SF Paint Interior Plaster/Drywall Walls, 3 Coats Paint, Brush.....	1.33	
For Oil Based Paint, Add	0.08	
For Orange Peel Finish, Add	0.18	
For Each Coat With Egg Shell Finish, Add	0.01	
For Up To 100, Add	0.84	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
09 91 23 00-0062 SF Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work.....	0.40	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.05	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0063 SF Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush/Roller Work.....	0.44	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.06	
For Each Coat With Egg Shell Finish, Add	0.01	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0064	SF		Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work.....	0.78	
			For Oil Based Paint, Add	0.05	
			For Orange Peel Finish, Add	0.10	
			For Each Coat With Egg Shell Finish, Add	0.01	
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 23 00-0065	SF		Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed.....	0.29	
			For Oil Based Paint, Add	0.02	
			For Up To 100, Add	0.14	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.04	
			For >20,000, Deduct	-0.06	
09 91 23 00-0066	SF		Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Sprayed.....	0.32	
			For Oil Based Paint, Add	0.02	
			For Each Coat With Egg Shell Finish, Add	0.01	
			For Up To 100, Add	0.17	
			For >100 To 250, Add	0.08	
			For >250 To 500, Add	0.04	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.05	
			For >20,000, Deduct	-0.06	
09 91 23 00-0067	SF		Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed.....	0.54	
			For Oil Based Paint, Add	0.04	
			For Each Coat With Egg Shell Finish, Add	0.01	
			For Up To 100, Add	0.28	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	
09 91 23 00-0068			<b>Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint</b> (09 91 23 00-0056)		
09 91 23 00-0069	SF		Paint Interior Plaster/Drywall Or Masonry Walls, 2 Tone Polymix With Base Coat, Sprayed.....	1.14	
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0070	SF		Paint Interior Plaster/Drywall Or Masonry Walls, 3 Tone Polymix With Base Coat, Sprayed.....	1.25	
			For Up To 100, Add	0.49	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.19	
			For >20,000, Deduct	-0.25	
09 91 23 00-0071	SF		Paint Interior Plaster/Drywall Or Masonry Walls, 4 Tone Polymix With Base Coat, Sprayed.....	1.36	
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.27	
09 91 23 00-0072			<b>Paint Interior Plaster/Drywall Walls, Acoustic Texture</b> (09 91 23 00-0056)		
09 91 23 00-0073	SF		Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Primer, Sprayed.....	0.45	
			For Up To 100, Add	0.24	
			For >100 To 250, Add	0.12	
			For >250 To 500, Add	0.05	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.07	
			For >20,000, Deduct	-0.09	



		<b>Finishes</b>	<b>09</b>
		Painting And Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0074	SF		Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Finish, Sprayed.....	0.53	
			<i>For Up To 100, Add</i>	0.30	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0075	SF		Paint Interior Plaster/Drywall Walls, Acoustic Texture, 2 Coats Finish, Sprayed.....	0.84	
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 23 00-0076	SF		Paint Interior Plaster/Drywall Walls, Stipple Finish (Drippowder).....	0.93	
			<i>For Up To 100, Add</i>	0.66	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0077			Paint Interior Metal Walls <small>(09 91 23 00-0001)</small>		
09 91 23 00-0078			Paint Interior Galvanized Walls <small>(09 91 23 00-0077)</small>		
			Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0079	SF		Paint Interior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work.....	0.57	
			<i>For Electrostatic Painting, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.34	
			<i>For &gt;100 To 250, Add</i>	0.16	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0080	SF		Paint Interior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work.....	0.63	
			<i>For Electrostatic Painting, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0081	SF		Paint Interior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work.....	1.14	
			<i>For Electrostatic Painting, Add</i>	0.16	
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.32	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 23 00-0082	SF		Paint Interior Galvanized Walls, 1 Coat Primer, Brush/Roller Work.....	0.42	
			<i>For Electrostatic Painting, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.08	
09 91 23 00-0083	SF		Paint Interior Galvanized Wall , 1 Coat Paint, Brush/Roller Work.....	0.49	
			<i>For Electrostatic Painting, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.29	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 23 00-0084	SF		Paint Interior Galvanized Walls, 2 Coats Paint, Brush/Roller Work.....	0.91	
			<i>For Electrostatic Painting, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.53	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.18	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0085 SF Paint Interior Galvanized Walls, 1 Coat Primer, Sprayed.....	0.32	
For Electrostatic Painting, Add	0.06	
For Up To 100, Add	0.14	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 23 00-0086 SF Paint Interior Galvanized Walls, 1 Coat Paint, Sprayed.....	0.41	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0087 SF Paint Interior Galvanized Walls, 2 Coats Paint, Sprayed.....	0.70	
For Electrostatic Painting, Add	0.12	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
<b>09 91 23 00-0088 Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0077)</b>		
Note: Alkyd enamel paint.		
09 91 23 00-0089 SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work.....	0.57	
For Electrostatic Painting, Add	0.08	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0090 SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work.....	0.63	
For Electrostatic Painting, Add	0.09	
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 23 00-0091 SF Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work.....	1.14	
For Electrostatic Painting, Add	0.16	
For Up To 100, Add	0.68	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0092 SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work.....	0.47	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0093 SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work.....	0.53	
For Electrostatic Painting, Add	0.08	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0094 SF Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work.....	0.99	
For Electrostatic Painting, Add	0.15	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0095 SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed.....	0.35	
For Electrostatic Painting, Add	0.06	
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0096 SF Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed.....	0.41	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0097 SF Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed.....	0.70	
For Electrostatic Painting, Add	0.12	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
<b>09 91 23 00-0098 Paint Interior Corrugated Metal Walls (09 91 23 00-0077)</b>		
09 91 23 00-0099 SF Paint Interior Corrugated Metal Walls, 1 Coat Primer, Sprayed.....	0.39	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.17	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0100 SF Paint Interior Corrugated Metal Walls, 1 Coat Paint, Sprayed.....	0.52	
For Electrostatic Painting, Add	0.08	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0101 SF Paint Interior Corrugated Metal Walls, 2 Coats Paint, Sprayed.....	0.87	
For Electrostatic Painting, Add	0.15	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
<b>09 91 23 00-0102 Paint Interior Stucco Walls (09 91 23 00-0001)</b>		
09 91 23 00-0103 SF Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush Work.....	0.78	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0104 SF Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush Work.....	0.86	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0105 SF Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush Work .....	1.54	
For Oil Based Paint, Add	0.09	
For Up To 100, Add	0.98	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 23 00-0106 SF Paint Interior Stucco Walls, 1 Coat Primer, Brush/Roller Work .....	0.60	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0107 SF Paint Interior Stucco Walls, 1 Coat Paint, Brush/Roller Work .....	0.68	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 23 00-0108 SF Paint Interior Stucco Walls, 2 Coats Paint, Brush/Roller Work .....	1.26	
For Oil Based Paint, Add	0.08	
For Up To 100, Add	0.77	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0109 SF Paint Interior Stucco Walls, 1 Coat Primer, Sprayed .....	0.40	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0110 SF Paint Interior Stucco Walls, 1 Coat Paint, Sprayed .....	0.50	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.26	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0111 SF Paint Interior Stucco Walls, 2 Coats Paint, Sprayed .....	0.94	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
<b>09 91 23 00-0112 Paint Interior Wood Walls (09 91 23 00-0001)</b>		
<b>09 91 23 00-0113 Interior Wood Walls (09 91 23 00-0112)</b>		
09 91 23 00-0114 SF Paint Interior Wood Wall Surfaces, 1 Coat Paint, Brush Work .....	0.60	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0115 SF Paint Interior Wood Wall Surfaces, 2 Coats Paint, Brush Work .....	1.08	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.68	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0116 SF Paint Interior Wood Wall Surfaces, 3 Coats Paint, Brush Work.....	1.54	
For Oil Based Paint, Add	0.09	
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 23 00-0117 SF Paint Interior Wood Walls, 1 Coat Primer, Brush/Roller Work .....	0.43	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.26	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 23 00-0118 SF Paint Interior Wood Walls, 1 Coat Paint, Brush/Roller Work.....	0.49	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 23 00-0119 SF Paint Interior Wood Walls, 2 Coats Paint, Brush/Roller Work.....	0.85	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0120 SF Paint Interior Wood Walls, 1 Coat Primer, Sprayed.....	0.29	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.14	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.06	
09 91 23 00-0121 SF Paint Interior Wood Walls, 1 Coat Paint, Sprayed .....	0.36	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0122 SF Paint Interior Wood Walls, 2 Coats Paint, Sprayed.....	0.68	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
<b>09 91 23 00-0123 Paint Interior Ceilings (09 91 23)</b>		
<b>09 91 23 00-0124 Paint Interior Acoustical Ceilings (09 91 23 00-0123)</b>		
Note: Includes grid.		
09 91 23 00-0125 SF Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work .....	0.53	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0126 SF Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work.....	0.57	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0127 SF Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work .....	1.01	
For Oil Based Paint, Add	0.06	
For Up To 100, Add	0.66	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0128 SF Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work .....	0.46	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0129 SF Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.45	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0130 SF Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.82	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0131 SF Paint Interior Acoustical Ceiling, 1 Coat Primer, Sprayed.....	0.36	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.19	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0132 SF Paint Interior Acoustical Ceiling, 1 Coat Paint, Sprayed .....	0.35	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0133 SF Paint Interior Acoustical Ceiling, 2 Coats Paint, Sprayed.....	0.57	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
<b>09 91 23 00-0134 Paint Interior Concrete Ceilings (09 91 23 00-0123)</b>		
09 91 23 00-0135 SF Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work .....	0.53	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0136 SF Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work.....	0.57	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0137 SF Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work.....	1.01	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.10	
For Up To 100, Add	0.66	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0138 SF Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work.....	0.41	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	
09 91 23 00-0139 SF Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.45	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0140 SF Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.83	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.17	
09 91 23 00-0141 SF Paint Interior Concrete Ceiling, 1 Coat Filler, Sprayed.....	0.35	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.06	
For Up To 100, Add	0.18	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0142 SF Paint Interior Concrete Ceiling, 1 Coat Paint, Sprayed.....	0.35	
For Oil Based Paint, Add	0.02	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0143 SF Paint Interior Concrete Ceiling, 2 Coats Paint, Sprayed.....	0.57	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.09	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0144 SF Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work.....	0.55	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0145 SF Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller.....	0.43	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0146 SF Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Sprayed.....	0.37	
For Up To 100, Add	0.19	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.07	
<b>09 91 23 00-0147 Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0123)</b>		
09 91 23 00-0148 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work .....	0.53	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.07	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0149 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work .....	0.57	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.08	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0150 SF Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	1.01	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.14	
For Up To 100, Add	0.66	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0151 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.46	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.06	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0152 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work .....	0.45	
For Oil Based Paint, Add	0.03	
For Orange Peel Finish, Add	0.06	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0153 SF Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work .....	0.82	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.11	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0154 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed .....	0.36	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.19	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0155 SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed.....	0.35	
For Oil Based Paint, Add	0.02	
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0156 SF Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed.....	0.57	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
<b>09 91 23 00-0157 Paint Interior Metal Ceilings (09 91 23 00-0123)</b>		
<b>09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer (09 91 23 00-0157)</b>		
Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0159 SF Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush Work.....	0.63	
For Electrostatic Painting, Add	0.09	
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 23 00-0160 SF Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush Work.....	0.69	
For Electrostatic Painting, Add	0.09	
For Up To 100, Add	0.43	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 23 00-0161 SF Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush Work.....	1.26	
For Electrostatic Painting, Add	0.17	
For Up To 100, Add	0.77	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0162 SF Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.48	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	
09 91 23 00-0163 SF Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.54	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0164 SF Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.00	
For Electrostatic Painting, Add	0.14	
For Up To 100, Add	0.61	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0165 SF Paint Interior Galvanized Ceiling, 1 Coat Primer, Sprayed.....	0.41	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0166 SF Paint Interior Galvanized Ceiling, 1 Coat Paint, Sprayed.....	0.47	
<i>For Electrostatic Painting, Add</i>	0.07	
<i>For Up To 100, Add</i>	0.25	
<i>For &gt;100 To 250, Add</i>	0.12	
<i>For &gt;250 To 500, Add</i>	0.05	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
<i>For &gt;20,000, Deduct</i>	-0.09	
09 91 23 00-0167 SF Paint Interior Galvanized Ceiling, 2 Coats Paint, Sprayed.....	0.76	
<i>For Electrostatic Painting, Add</i>	0.13	
<i>For Up To 100, Add</i>	0.37	
<i>For &gt;100 To 250, Add</i>	0.18	
<i>For &gt;250 To 500, Add</i>	0.08	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
<i>For &gt;20,000, Deduct</i>	-0.15	
<b>09 91 23 00-0168 Aluminum And Aluminum Alloy Surface Pretreatment Primer</b> <small>(09 91 23 00-0157)</small>		
Note: Alkyd enamel paint.		
09 91 23 00-0169 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work.....	0.63	
<i>For Electrostatic Painting, Add</i>	0.09	
<i>For Up To 100, Add</i>	0.38	
<i>For &gt;100 To 250, Add</i>	0.18	
<i>For &gt;250 To 500, Add</i>	0.08	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0170 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work.....	0.69	
<i>For Electrostatic Painting, Add</i>	0.09	
<i>For Up To 100, Add</i>	0.43	
<i>For &gt;100 To 250, Add</i>	0.20	
<i>For &gt;250 To 500, Add</i>	0.09	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 23 00-0171 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work.....	1.26	
<i>For Electrostatic Painting, Add</i>	0.17	
<i>For Up To 100, Add</i>	0.77	
<i>For &gt;100 To 250, Add</i>	0.37	
<i>For &gt;250 To 500, Add</i>	0.16	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 23 00-0172 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.53	
<i>For Electrostatic Painting, Add</i>	0.08	
<i>For Up To 100, Add</i>	0.30	
<i>For &gt;100 To 250, Add</i>	0.14	
<i>For &gt;250 To 500, Add</i>	0.06	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0173 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.59	
<i>For Electrostatic Painting, Add</i>	0.08	
<i>For Up To 100, Add</i>	0.34	
<i>For &gt;100 To 250, Add</i>	0.16	
<i>For &gt;250 To 500, Add</i>	0.07	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
<i>For &gt;20,000, Deduct</i>	-0.12	
09 91 23 00-0174 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.12	
<i>For Electrostatic Painting, Add</i>	0.16	
<i>For Up To 100, Add</i>	0.64	
<i>For &gt;100 To 250, Add</i>	0.31	
<i>For &gt;250 To 500, Add</i>	0.13	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
<i>For &gt;20,000, Deduct</i>	-0.22	
09 91 23 00-0175 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed.....	0.41	
<i>For Electrostatic Painting, Add</i>	0.07	
<i>For Up To 100, Add</i>	0.21	
<i>For &gt;100 To 250, Add</i>	0.10	
<i>For &gt;250 To 500, Add</i>	0.04	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
<i>For &gt;20,000, Deduct</i>	-0.08	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0176 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed.....	0.47	
For Electrostatic Painting, Add	0.07	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0177 SF Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed.....	0.76	
For Electrostatic Painting, Add	0.13	
For Up To 100, Add	0.37	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
<b>09 91 23 00-0178 Paint Interior Ceiling Tile Grid</b> <small>(09 91 23 00-0157)</small>		
Note: Grid only.		
09 91 23 00-0179 LF Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work .....	0.13	
For Electrostatic Painting, Add	0.02	
For Up To 100, Add	0.09	
For >100 To 250, Add	0.04	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
09 91 23 00-0180 LF Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller Work.....	0.26	
For Electrostatic Painting, Add	0.03	
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	
<b>09 91 23 00-0181 Paint Interior Corrugated Metal Ceilings</b> <small>(09 91 23 00-0157)</small>		
09 91 23 00-0182 SF Paint Interior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed.....	0.55	
For Electrostatic Painting, Add	0.09	
For Up To 100, Add	0.27	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0183 SF Paint Interior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed.....	0.63	
For Electrostatic Painting, Add	0.10	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
09 91 23 00-0184 SF Paint Interior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed .....	1.02	
For Electrostatic Painting, Add	0.17	
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
<b>09 91 23 00-0185 Paint Interior Wood Ceilings</b> <small>(09 91 23 00-0123)</small>		
<b>09 91 23 00-0186 Paint Interior Smooth Wood Ceilings</b> <small>(09 91 23 00-0185)</small>		
09 91 23 00-0187 SF Paint Interior Wood Smooth Ceiling, 1 Coat Primer, Brush Work .....	0.65	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0188 SF Paint Interior Wood Smooth Ceiling, 1 Coat Paint, Brush Work.....	0.67	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 23 00-0189 SF Paint Interior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	1.22	
For Oil Based Paint, Add	0.07	
For Up To 100, Add	0.76	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0190 SF Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.53	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0191 SF Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work .....	0.57	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0192 SF Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.08	
For Oil Based Paint, Add	0.07	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 23 00-0193 SF Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Sprayed.....	0.37	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.20	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.07	
09 91 23 00-0194 SF Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.44	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0195 SF Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Sprayed .....	0.68	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
<b>09 91 23 00-0196 Paint Interior Wood Beams</b> <small>(09 91 23 00-0123)</small>		
09 91 23 00-0197 SF Paint Interior Wood Beams, 1 Coat Primer, Brush Work .....	0.71	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0198 SF Paint Interior Wood Beams, 1 Coat Paint, Brush Work.....	0.72	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0199 SF Paint Interior Wood Beams, 2 Coats Paint, Brush Work.....	1.32	
For Oil Based Paint, Add	0.08	
For Up To 100, Add	0.83	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
09 91 23 00-0200 SF Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work.....	0.58	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 23 00-0201 SF Paint Interior Wood Beams, 1 Coat Paint, Brush/Roller Work .....	0.57	
For Oil Based Paint, Add	0.04	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
09 91 23 00-0202 SF Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work.....	1.08	
For Oil Based Paint, Add	0.07	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 23 00-0203 SF Paint Interior Wood Beams, 1 Coat Primer, Sprayed.....	0.44	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0204 SF Paint Interior Wood Beams, 1 Coat Paint, Sprayed.....	0.83	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.17	
09 91 23 00-0205 SF Paint Interior Wood Beams, 2 Coats Paint, Sprayed .....	0.73	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.39	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
<b>09 91 23 00-0206 Paint Interior Floors And Decks (09 91 23)</b>		
<b>09 91 23 00-0207 Paint Interior Concrete Floors And Decks (09 91 23 00-0206)</b>		
09 91 23 00-0208 SF Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush Work .....	0.41	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.05	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0209	SF		Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush Work.....	0.45	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.28	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.09	
09 91 23 00-0210	SF		Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush Work.....	0.87	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.55	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 23 00-0211	SF		Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.41	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.08	
09 91 23 00-0212	SF		Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work .....	0.39	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.24	
			<i>For &gt;100 To 250, Add</i>	0.11	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.08	
09 91 23 00-0213	SF		Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work .....	0.64	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.10	
			<i>For &gt;20,000, Deduct</i>	-0.13	
09 91 23 00-0214	SF		Paint Interior Concrete Floors And Decks, 1 Coat Primer, Sprayed.....	0.29	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.14	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.04	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0215	SF		Paint Interior Concrete Floors And Decks, 1 Coat Paint, Sprayed.....	0.29	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Epoxy Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.15	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.04	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0216	SF		Paint Interior Concrete Floors And Decks, 2 Coats Paint, Sprayed.....	0.52	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.26	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.10	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0217 SF Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush .....	0.43	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 23 00-0218 SF Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush/Roller Work.....	0.43	
For Up To 100, Add	0.24	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	
09 91 23 00-0219 SF Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Sprayed .....	0.31	
For Up To 100, Add	0.14	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.06	
09 91 23 00-0220 SF Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush Work.....	1.16	
For Up To 100, Add	0.39	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0221 SF Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work (Rust-Oleum® AS91864251).....	3.33	
For Up To 100, Add	0.72	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.17	
For >5,000 To 10,000, Deduct	-0.33	
For >10,000 To 20,000, Deduct	-0.50	
For >20,000, Deduct	-0.67	
<b>09 91 23 00-0222 Paint Interior Wood Floors And Decks (09 91 23 00-0206)</b> .....	<b>0.51</b>	
09 91 23 00-0223 SF Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush Work.....	0.51	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.10	
09 91 23 00-0224 SF Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.55	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.33	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 23 00-0225 SF Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	1.04	
For Oil Based Paint, Add	0.07	
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0226 SF Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.43	
For Oil Based Paint, Add	0.03	
For Up To 100, Add	0.22	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.09	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0227	SF		Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work .....	0.45	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.25	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.09	
09 91 23 00-0228	SF		Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work.....	0.89	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.49	
			<i>For &gt;100 To 250, Add</i>	0.24	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.18	
09 91 23 00-0229	SF		Paint Interior Wood Floors And Decks, 1 Coat Primer, Sprayed.....	0.31	
			<i>For Oil Based Paint, Add</i>	0.02	
			<i>For Up To 100, Add</i>	0.15	
			<i>For &gt;100 To 250, Add</i>	0.08	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.05	
			<i>For &gt;20,000, Deduct</i>	-0.06	
09 91 23 00-0230	SF		Paint Interior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.37	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Up To 100, Add</i>	0.20	
			<i>For &gt;100 To 250, Add</i>	0.10	
			<i>For &gt;250 To 500, Add</i>	0.04	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.06	
			<i>For &gt;20,000, Deduct</i>	-0.07	
09 91 23 00-0231	SF		Paint Interior Wood Floors And Decks, 2 Coats Paint, Sprayed .....	0.57	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.27	
			<i>For &gt;100 To 250, Add</i>	0.13	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.11	
09 91 23 00-0232	SF		Paint Interior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work .....	1.16	
			<i>For Up To 100, Add</i>	0.39	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 23 00-0233	SF		Paint Interior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work .....	3.33	
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.42	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.17	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.33	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.50	
			<i>For &gt;20,000, Deduct</i>	-0.67	
09 91 23 00-0234			Paint Interior Doors And Windows <small>(09 91 23)</small>		
09 91 23 00-0235			Paint Interior Door Frames <small>(09 91 23 00-0234)</small>		
09 91 23 00-0236	LF		Paint Interior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.60	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.16	
09 91 23 00-0237	LF		Paint Interior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work .....	0.76	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.20	
09 91 23 00-0238	LF		Paint Interior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work .....	1.29	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.34	
09 91 23 00-0239	LF		Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work .....	0.59	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.16	
09 91 23 00-0240	LF		Paint Interior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.75	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.20	
09 91 23 00-0241	LF		Paint Interior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.28	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.34	



<b>Finishes</b>	<b>09</b>	
Painting And Coating	09 90	2
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 23 00-0242    Paint Interior Metal Doors</b> <small>(09 91 23 00-0234)</small>		
09 91 23 00-0243    EA    Paint Interior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work.....	27.47	
For Electrostatic Painting, Add	4.27	
For Half Louvered Door, Add	2.60	
For Full Louvered Door, Add	4.33	
For Oil Based Paint, Add	1.88	
For >5 To 10, Deduct	-1.37	
For >10 To 25, Deduct	-2.75	
For >25, Deduct	-4.12	
09 91 23 00-0244    EA    Paint Interior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work.....	27.47	
For Electrostatic Painting, Add	4.27	
For Half Louvered Door, Add	2.60	
For Full Louvered Door, Add	4.33	
For Oil Based Paint, Add	1.88	
For >5 To 10, Deduct	-1.37	
For >10 To 25, Deduct	-2.75	
For >25, Deduct	-4.12	
09 91 23 00-0245    EA    Paint Interior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work.....	49.42	
For Electrostatic Painting, Add	7.97	
For Half Louvered Door, Add	4.39	
For Full Louvered Door, Add	7.32	
For Oil Based Paint, Add	3.48	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.94	
For >25, Deduct	-7.41	
09 91 23 00-0246    EA    Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	49.30	
For Electrostatic Painting, Add	7.66	
For Half Louvered Door, Add	4.66	
For Full Louvered Door, Add	7.77	
For Oil Based Paint, Add	3.38	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.93	
For >25, Deduct	-7.40	
09 91 23 00-0247    EA    Paint Interior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	49.30	
For Electrostatic Painting, Add	7.66	
For Half Louvered Door, Add	4.66	
For Full Louvered Door, Add	7.77	
For Oil Based Paint, Add	3.38	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.93	
For >25, Deduct	-7.40	
09 91 23 00-0248    EA    Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	89.03	
For Electrostatic Painting, Add	14.37	
For Half Louvered Door, Add	7.88	
For Full Louvered Door, Add	13.14	
For Oil Based Paint, Add	6.28	
For >5 To 10, Deduct	-4.45	
For >10 To 25, Deduct	-8.90	
For >25, Deduct	-13.35	
09 91 23 00-0249    EA    Paint Interior Metal Door, One Face, 1 Coat Primer, Sprayed.....	21.55	
For Electrostatic Painting, Add	3.83	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For Oil Based Paint, Add	1.64	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 23 00-0250    EA    Paint Interior Metal Door, One Face, 1 Coat Paint, Sprayed.....	21.55	
For Electrostatic Painting, Add	3.83	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For Oil Based Paint, Add	1.64	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 23 00-0251    EA    Paint Interior Metal Door, One Face, 2 Coats Paint, Sprayed.....	39.74	
For Electrostatic Painting, Add	7.30	
For Half Louvered Door, Add	2.63	
For Full Louvered Door, Add	4.39	
For Oil Based Paint, Add	3.10	
For >5 To 10, Deduct	-1.99	
For >10 To 25, Deduct	-3.97	
For >25, Deduct	-5.96	
09 91 23 00-0252    EA    Paint Interior Metal Door, Both Faces, 1 Coat Primer, Sprayed.....	38.70	
For Electrostatic Painting, Add	6.88	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For Oil Based Paint, Add	2.94	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting And Coating</b>
	<b>09 91</b>	<b>Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0253 EA Paint Interior Metal Door, Both Faces, 1 Coat Paint, Sprayed.....	38.70	
For Electrostatic Painting, Add	6.88	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For Oil Based Paint, Add	2.94	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 23 00-0254 EA Paint Interior Metal Door, Both Faces, 2 Coats Paint, Sprayed.....	71.65	
For Electrostatic Painting, Add	13.18	
For Half Louvered Door, Add	4.73	
For Full Louvered Door, Add	7.89	
For Oil Based Paint, Add	5.59	
For >5 To 10, Deduct	-3.58	
For >10 To 25, Deduct	-7.17	
For >25, Deduct	-10.75	
<b>09 91 23 00-0255 Paint Interior Wood Doors (09 91 23 00-0234)</b>		
09 91 23 00-0256 EA Paint Interior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work.....	27.47	
For Oil Based Paint, Add	1.88	
For Half Louvered Door, Add	2.60	
For Full Louvered Door, Add	4.33	
For >5 To 10, Deduct	-1.37	
For >10 To 25, Deduct	-2.75	
For >25, Deduct	-4.12	
09 91 23 00-0257 EA Paint Interior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work.....	27.47	
For Oil Based Paint, Add	1.88	
For Half Louvered Door, Add	2.60	
For Full Louvered Door, Add	4.33	
For >5 To 10, Deduct	-1.37	
For >10 To 25, Deduct	-2.75	
For >25, Deduct	-4.12	
09 91 23 00-0258 EA Paint Interior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work.....	49.43	
For Oil Based Paint, Add	3.48	
For Half Louvered Door, Add	4.39	
For Full Louvered Door, Add	7.32	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.94	
For >25, Deduct	-7.41	
09 91 23 00-0259 EA Paint Interior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	49.30	
For Oil Based Paint, Add	3.38	
For Half Louvered Door, Add	4.66	
For Full Louvered Door, Add	7.77	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.93	
For >25, Deduct	-7.40	
09 91 23 00-0260 EA Paint Interior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	49.30	
For Oil Based Paint, Add	3.38	
For Half Louvered Door, Add	4.66	
For Full Louvered Door, Add	7.77	
For >5 To 10, Deduct	-2.47	
For >10 To 25, Deduct	-4.93	
For >25, Deduct	-7.40	
09 91 23 00-0261 EA Paint Interior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	89.03	
For Oil Based Paint, Add	6.28	
For Half Louvered Door, Add	7.88	
For Full Louvered Door, Add	13.14	
For >5 To 10, Deduct	-4.45	
For >10 To 25, Deduct	-8.90	
For >25, Deduct	-13.35	
09 91 23 00-0262 EA Paint Interior Wood Door, One Face, 1 Coat Primer, Sprayed.....	21.55	
For Oil Based Paint, Add	1.64	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 23 00-0263 EA Paint Interior Wood Door, One Face, 1 Coat Paint, Sprayed.....	21.55	
For Oil Based Paint, Add	1.64	
For Half Louvered Door, Add	1.56	
For Full Louvered Door, Add	2.60	
For >5 To 10, Deduct	-1.08	
For >10 To 25, Deduct	-2.16	
For >25, Deduct	-3.23	
09 91 23 00-0264 EA Paint Interior Wood Door, One Face, 2 Coats Paint, Sprayed.....	39.75	
For Oil Based Paint, Add	3.10	
For Half Louvered Door, Add	2.64	
For Full Louvered Door, Add	4.39	
For >5 To 10, Deduct	-1.99	
For >10 To 25, Deduct	-3.98	
For >25, Deduct	-5.96	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0265 EA Paint Interior Wood Door, Both Faces, 1 Coat Primer, Sprayed.....	38.70	
For Oil Based Paint, Add	2.94	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 23 00-0266 EA Paint Interior Wood Door, Both Faces, 1 Coat Paint, Sprayed.....	38.70	
For Oil Based Paint, Add	2.94	
For Half Louvered Door, Add	2.80	
For Full Louvered Door, Add	4.66	
For >5 To 10, Deduct	-1.94	
For >10 To 25, Deduct	-3.87	
For >25, Deduct	-5.81	
09 91 23 00-0267 EA Paint Interior Wood Door, Both Faces, 2 Coats Paint, Sprayed.....	71.65	
For Oil Based Paint, Add	5.59	
For Half Louvered Door, Add	4.73	
For Full Louvered Door, Add	7.89	
For >5 To 10, Deduct	-3.58	
For >10 To 25, Deduct	-7.17	
For >25, Deduct	-10.75	
<b>09 91 23 00-0268 Paint Interior Metal Windows (09 91 23 00-0234)</b>		
Note: Two finish coats paint over rust inhibitive primer.		
09 91 23 00-0269 EA Up To 8 SF Window Size, Paint Interior Metal Window Including Trim.....	45.58	
For Oil Based Paint, Add	2.62	
For Electrostatic Painting, Add	5.57	
For >5 To 10, Deduct	-2.28	
For >10 To 25, Deduct	-4.56	
For >25, Deduct	-6.84	
09 91 23 00-0270 EA > 8 To 14 SF Window Size, Paint Interior Metal Window Including Trim.....	55.23	
For Oil Based Paint, Add	3.28	
For Electrostatic Painting, Add	7.09	
For >5 To 10, Deduct	-2.76	
For >10 To 25, Deduct	-5.52	
For >25, Deduct	-8.28	
09 91 23 00-0271 EA > 14 To 20 SF Window Size, Paint Interior Metal Window Including Trim.....	74.54	
For Oil Based Paint, Add	4.47	
For Electrostatic Painting, Add	9.67	
For >5 To 10, Deduct	-3.73	
For >10 To 25, Deduct	-7.45	
For >25, Deduct	-11.18	
09 91 23 00-0272 EA > 20 To 26 SF Window Size, Paint Interior Metal Window Including Trim.....	83.95	
For Oil Based Paint, Add	5.03	
For Electrostatic Painting, Add	10.90	
For >5 To 10, Deduct	-4.20	
For >10 To 25, Deduct	-8.40	
For >25, Deduct	-12.59	
09 91 23 00-0273 EA > 26 To 34 SF Window Size, Paint Interior Metal Window Including Trim.....	93.08	
For Oil Based Paint, Add	5.57	
For Electrostatic Painting, Add	12.07	
For >5 To 10, Deduct	-4.65	
For >10 To 25, Deduct	-9.31	
For >25, Deduct	-13.96	
09 91 23 00-0274 SF > 34 SF Window Size, Paint Interior Metal Window Including Trim.....	2.96	
For Oil Based Paint, Add	0.18	
For Electrostatic Painting, Add	0.38	
<b>09 91 23 00-0275 Wood Windows (09 91 23 00-0234)</b>		
Note: Two finish coats paint over primer.		
09 91 23 00-0276 EA Up To 8 SF Window Size, Paint Interior Wood Windows Including Trim.....	45.58	
For Oil Based Paint, Add	2.62	
For >5 To 10, Deduct	-2.28	
For >10 To 25, Deduct	-4.56	
For >25, Deduct	-6.84	
09 91 23 00-0277 EA > 8 To 14 SF Window Size, Paint Interior Wood Windows Including Trim.....	55.23	
For Oil Based Paint, Add	3.28	
For >5 To 10, Deduct	-2.76	
For >10 To 25, Deduct	-5.52	
For >25, Deduct	-8.28	
09 91 23 00-0278 EA > 14 To 20 SF Window Size, Paint Interior Wood Windows Including Trim.....	74.54	
For Oil Based Paint, Add	4.47	
For >5 To 10, Deduct	-3.73	
For >10 To 25, Deduct	-7.45	
For >25, Deduct	-11.18	
09 91 23 00-0279 EA > 20 To 26 SF Window Size, Paint Interior Wood Windows Including Trim.....	83.95	
For Oil Based Paint, Add	5.03	
For >5 To 10, Deduct	-4.20	
For >10 To 25, Deduct	-8.40	
For >25, Deduct	-12.59	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0280	EA		> 26 To 34 SF Window Size, Paint Interior Wood Windows Including Trim.....	93.08	
			<i>For Oil Based Paint, Add</i>	5.57	
			<i>For &gt;5 To 10, Deduct</i>	-4.65	
			<i>For &gt;10 To 25, Deduct</i>	-9.31	
			<i>For &gt;25, Deduct</i>	-13.96	
09 91 23 00-0281	SF		> 34 SF Window Size, Paint Interior Wood Windows Including Trim.....	3.10	
			<i>For Oil Based Paint, Add</i>	0.18	
<b>09 91 23 00-0282</b>			<b>Paint Interior Security Screens</b> (09 91 23 00-0234)		
09 91 23 00-0283	SF		Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work .....	0.83	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Electrostatic Painting, Add</i>	0.11	
09 91 23 00-0284	SF		Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work.....	0.87	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Electrostatic Painting, Add</i>	0.10	
09 91 23 00-0285	SF		Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work.....	1.43	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Electrostatic Painting, Add</i>	0.17	
<b>09 91 23 00-0286</b>			<b>Paint Interior Window Guards</b> (09 91 23 00-0234)		
09 91 23 00-0287	SF		Paint Interior Metal Window Guards, 1 Coat Primer, Brush/Roller Work .....	0.83	
			<i>For Oil Based Paint, Add</i>	0.05	
09 91 23 00-0288	SF		Paint Interior Metal Window Guards, 1 Coat Paint, Brush/Roller Work.....	0.87	
			<i>For Oil Based Paint, Add</i>	0.05	
09 91 23 00-0289	SF		Paint Interior Metal Window Guards, 2 Coats Paint, Brush/Roller Work.....	1.43	
			<i>For Oil Based Paint, Add</i>	0.08	
<b>09 91 23 00-0290</b>			<b>Paint Interior Window Trim</b> (09 91 23 00-0234)		
09 91 23 00-0291	LF		Paint Interior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.85	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.24	
09 91 23 00-0292	LF		Paint Interior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.85	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.24	
09 91 23 00-0293	LF		Paint Interior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work .....	1.05	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.32	
09 91 23 00-0294	LF		Paint Interior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work .....	0.88	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.25	
09 91 23 00-0295	LF		Paint Interior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.88	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.25	
09 91 23 00-0296	LF		Paint Interior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.11	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.35	
<b>09 91 23 00-0297</b>			<b>Paint Interior Cabinets And Casework</b> (09 91 23)		
<b>09 91 23 00-0298</b>			<b>Paint Interior Wood Cabinets And Casework</b> (09 91 23 00-0297)		
09 91 23 00-0299	SF		Paint Interior Wood Cabinets And Casework, 1 Coat Paint, Brush/Roller Work .....	0.65	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91 23 00-0300	SF		Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 1 Coat Alkyd Or Latex Paint, Brush/Roller Work .....	0.91	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.14	
09 91 23 00-0301	SF		Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 2 Coats Alkyd Or Latex Paint, Brush/Roller Work .....	1.52	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.23	
<b>09 91 23 00-0302</b>			<b>Paint Exposed Metal Lockers</b> (09 91 23 00-0297)		
09 91 23 00-0303	SF		Paint Exposed Metal Locker, 1 Coat Primer, Brush/Roller Work .....	0.77	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.12	
09 91 23 00-0304	SF		Paint Exposed Metal Locker, 1 Coat Alkyd Enamel, Brush/Roller Work.....	0.80	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.08	
			<i>For &gt;20,000, Deduct</i>	-0.12	
09 91 23 00-0305	SF		Paint Exposed Metal Locker, 2 Coats Alkyd Enamel, Brush/Roller Work .....	1.46	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.22	



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 23 00-0306</b> <b>Paint Interior Stairs</b> <small>(09 91 23)</small>		
<b>09 91 23 00-0307</b> <b>Paint Interior Concrete Stairs</b> <small>(09 91 23 00-0306)</small>		
<i>Note: Includes the riser and tread.</i>		
09 91 23 00-0308    RSR Paint Interior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work .....	10.90	
09 91 23 00-0309    RSR Paint Interior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work .....	10.90	
09 91 23 00-0310    RSR Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work .....	8.62	
<i>Note: Excludes riser.</i>		
09 91 23 00-0311    RSR Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work .....	17.31	
<i>Note: Excludes riser.</i>		
09 91 23 00-0312    RSR Paint Interior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work .....	21.78	
<b>09 91 23 00-0313</b> <b>Paint Interior Metal Stairs</b> <small>(09 91 23 00-0306)</small>		
<i>Note: Includes the riser and tread.</i>		
09 91 23 00-0314    RSR Paint Interior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work .....	5.86	
09 91 23 00-0315    RSR Paint Interior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work .....	5.63	
09 91 23 00-0316    RSR Paint Interior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work .....	11.27	
<b>09 91 23 00-0317</b> <b>Paint Interior Wood Stairs</b> <small>(09 91 23 00-0306)</small>		
<i>Note: Includes the riser and tread.</i>		
09 91 23 00-0318    RSR Paint Interior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work .....	5.63	
09 91 23 00-0319    RSR Paint Interior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work .....	5.63	
09 91 23 00-0320    RSR Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work .....	5.99	
<i>Note: Excludes riser.</i>		
09 91 23 00-0321    RSR Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work .....	14.68	
<i>Note: Excludes riser.</i>		
09 91 23 00-0322    RSR Paint Interior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work .....	11.26	
<b>09 91 23 00-0323</b> <b>Paint Interior Stair Nosing</b> <small>(09 91 23 00-0306)</small>		
09 91 23 00-0324    LF Paint Interior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work .....	0.80	
<b>09 91 23 00-0325</b> <b>Paint Interior Trim</b> <small>(09 91 23)</small>		
<b>09 91 23 00-0326</b> <b>Paint Interior Metal Trim</b> <small>(09 91 23 00-0325)</small>		
09 91 23 00-0327    SF Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work .....	0.78	
09 91 23 00-0328    SF Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work .....	0.78	
09 91 23 00-0329    SF Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work .....	1.41	
09 91 23 00-0330    SF Paint Interior Metal Trim, 1 Coat Primer, Brush/Roller Work .....	0.78	
09 91 23 00-0331    SF Paint Interior Metal Trim, 1 Coat Paint, Brush/Roller Work .....	0.78	
09 91 23 00-0332    SF Paint Interior Metal Trim, 2 Coats Paint, Brush/Roller Work .....	1.41	
<b>09 91 23 00-0333</b> <b>Paint Interior Wood Trim</b> <small>(09 91 23 00-0325)</small>		
09 91 23 00-0334    LF Paint Interior Wood Trim To 6" Wide, 1 Coat Primer, Brush Work .....	0.40	
<i>For Oil Based Paint, Add</i>		0.02
09 91 23 00-0335    LF Paint Interior Wood Trim To 6" Wide, 1 Coat Paint, Brush Work .....	0.45	
<i>For Oil Based Paint, Add</i>		0.03
09 91 23 00-0336    LF Paint Interior Wood Trim To 6" Wide, 2 Coats Paint .....	0.93	
<i>For Oil Based Paint, Add</i>		0.05
09 91 23 00-0337    SF Paint Interior Wood Trim, 1 Coat Primer, Brush Work .....	1.25	
<i>For Oil Based Paint, Add</i>		0.07
09 91 23 00-0338    SF Paint Interior Wood Trim, 1 Coat Paint, Brush Work .....	1.39	
<i>For Oil Based Paint, Add</i>		0.08
09 91 23 00-0339    SF Paint Interior Wood Trim, 2 Coats Paint, Brush Work .....	2.97	
<i>For Oil Based Paint, Add</i>		0.17
09 91 23 00-0340    SF Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work .....	1.25	
<i>For Oil Based Paint, Add</i>		0.07
09 91 23 00-0341    SF Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work .....	1.39	
<i>For Oil Based Paint, Add</i>		0.08
09 91 23 00-0342    SF Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work .....	2.97	
<i>For Oil Based Paint, Add</i>		0.17
<b>09 91 23 00-0343</b> <b>Stencil Painting Letters/Numbers</b> <small>(09 91 23)</small>		
<i>Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.</i>		
09 91 23 00-0344    EA Up To 1" High, Stencil Painting, Per Letter/Number .....	1.03	
<i>For &gt;200 To 500, Deduct</i>		-0.08
<i>For &gt;500 To 1,000, Deduct</i>		-0.13
<i>For &gt;1,000 To 2,000, Deduct</i>		-0.16
<i>For &gt;2,000, Deduct</i>		-0.21
09 91 23 00-0345    EA 1" To 2" High, Stencil Painting, Per Letter/Number .....	1.18	
<i>For &gt;200 To 500, Deduct</i>		-0.09
<i>For &gt;500 To 1,000, Deduct</i>		-0.15
<i>For &gt;1,000 To 2,000, Deduct</i>		-0.19
<i>For &gt;2,000, Deduct</i>		-0.24

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0346 EA 2" To 3" High, Stencil Painting, Per Letter/Number.....	1.98	
For >200 To 500, Deduct	-0.16	
For >500 To 1,000, Deduct	-0.25	
For >1,000 To 2,000, Deduct	-0.32	
For >2,000, Deduct	-0.40	
09 91 23 00-0347 EA 3" To 4" High, Stencil Painting, Per Letter/Number.....	2.43	
For >200 To 500, Deduct	-0.19	
For >500 To 1,000, Deduct	-0.30	
For >1,000 To 2,000, Deduct	-0.39	
For >2,000, Deduct	-0.49	
09 91 23 00-0348 EA 4" To 6" High, Stencil Painting, Per Letter/Number.....	3.33	
For >200 To 500, Deduct	-0.27	
For >500 To 1,000, Deduct	-0.42	
For >1,000 To 2,000, Deduct	-0.53	
For >2,000, Deduct	-0.67	
09 91 23 00-0349 EA 6" To 12" High, Stencil Painting, Per Letter/Number.....	4.42	
For >200 To 500, Deduct	-0.35	
For >500 To 1,000, Deduct	-0.55	
For >1,000 To 2,000, Deduct	-0.71	
For >2,000, Deduct	-0.88	
09 91 23 00-0350 EA Over 12" High, Stencil Painting, Per Letter/Number.....	5.20	
For >200 To 500, Deduct	-0.42	
For >500 To 1,000, Deduct	-0.65	
For >1,000 To 2,000, Deduct	-0.83	
For >2,000, Deduct	-1.04	
<b>09 91 23 00-0351 Logo Painting (09 91 23)</b>		
09 91 23 00-0352 SF Paint Logo (Simple Design).....	18.89	
09 91 23 00-0353 SF Paint Logo (Complex Design).....	22.16	
<b>09 91 23 00-0354 Paint Additives (09 91 23)</b>		
09 91 23 00-0355 SF Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
09 91 23 00-0356 SF Class "B" Fire Rating, Fire Resistant Paint Additive.....	0.04	
For Class "A" Fire Rating, Add	0.04	
<b>09 91 23 00-0357 Hand Painting Letters/Numbers (09 91 23)</b>		
Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0358 EA Up To 1" High, Hand Paint, Per Letter/Number.....	1.25	
09 91 23 00-0359 EA 1" To 2" High, Hand Paint, Per Letter/Number.....	1.45	
09 91 23 00-0360 EA 2" To 3" High, Hand Paint, Per Letter/Number.....	2.19	
09 91 23 00-0361 EA 3" To 4" High, Hand Paint, Per Letter/Number.....	2.68	
09 91 23 00-0362 EA 4" To 6" High, Hand Paint, Per Letter/Number.....	3.69	
09 91 23 00-0363 EA 6" To 12" High, Hand Paint, Per Letter/Number.....	4.66	
09 91 23 00-0364 EA Over 12" High, Hand Paint, Per Letter/Number.....	5.46	
<b>09 91 23 00-0365 Glove/Mitt Application (09 91 23)</b>		
<b>09 91 23 00-0366 Conduit/Pipe (09 91 23 00-0365)</b>		
09 91 23 00-0367 CSF Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt.....	23.54	
09 91 23 00-0368 CSF Metal Primer Conduit Or Pipe With Glove/Mitt.....	42.13	
09 91 23 00-0369 CSF Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	33.63	
09 91 23 00-0370 CSF Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt.....	27.97	
09 91 23 00-0371 CSF Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt.....	54.72	
09 91 23 00-0372 CSF Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt.....	50.75	
<b>09 91 23 00-0373 Ductwork (09 91 23 00-0365)</b>		
09 91 23 00-0374 CSF Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt.....	23.54	
09 91 23 00-0375 CSF Metal Primer Ductwork With Glove/Mitt.....	34.70	
09 91 23 00-0376 CSF Enamel, Oil Base Paint Ductwork With Glove/Mitt.....	30.56	
09 91 23 00-0377 CSF Epoxy Coating, First Coat Ductwork With Glove/Mitt.....	52.33	
09 91 23 00-0378 CSF Epoxy Coating, Second Coat Ductwork With Glove/Mitt.....	46.10	
<b>09 91 23 00-0379 Paint Interior Miscellaneous Metal Surfaces (09 91 23)</b>		
09 91 23 00-0380 SF Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Brush/Roller Work.....	0.42	
For Electrostatic Painting, Add	0.06	
For Up To 100, Add	0.26	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 20,000, Deduct	-0.06	
For >20,000, Deduct	-0.08	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0381	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work.....	0.58	
			<i>For Electrostatic Painting, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.03	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.09	
			<i>For &gt;20,000, Deduct</i>	-0.12	
09 91	23 00-0382	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work.....	0.85	
			<i>For Electrostatic Painting, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.55	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
09 91	23 00-0383	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Sprayed.....	0.48	
			<i>For Electrostatic Painting, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.29	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91	23 00-0384	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd, Sprayed .....	0.48	
			<i>For Electrostatic Painting, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.29	
			<i>For &gt;100 To 250, Add</i>	0.14	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.02	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.07	
			<i>For &gt;20,000, Deduct</i>	-0.10	
09 91	23 00-0385	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd, Sprayed.....	0.74	
			<i>For Electrostatic Painting, Add</i>	0.10	
			<i>For Up To 100, Add</i>	0.45	
			<i>For &gt;100 To 250, Add</i>	0.22	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.15	

**09 91 33 Painting Materials (09 91)**

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

<b>09 91 33 00-0001</b>	<b>Primer (09 91 33)</b>				
09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	25.10		
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon .....	24.61		
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon .....	31.21		
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	57.43		
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack .....	25.74		
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon .....	39.68		
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	31.85		
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon.....	24.61		
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	22.36		
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon .....	39.42		
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon .....	32.82		
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	32.82		
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon .....	37.00		
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon .....	24.13		
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon .....	42.95		
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon .....	25.74		
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon .....	20.59		
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	53.25		
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base.....	33.21		
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon.....	37.47		
<b>09 91 33 00-0022</b>	<b>Paint (09 91 33)</b>				
09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon.....	18.02		
09 91 33 00-0024	GAL	Acrylic Urethane Sealer .....	89.34		
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type .....	9.65		
		Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.			
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon.....	55.82		
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon.....	29.28		
09 91 33 00-0028	GAL	Driveway Coating, Tar Emulsion, 120 SF Per Gallon .....	9.65		
09 91 33 00-0029	GAL	Driveway Coating, Acrylic Latex, 250 SF Per Gallon.....	14.64		
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon .....	29.60		
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon .....	39.42		

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon .....	32.18
09 91 33 00-0033	GAL	Exterior, Oil Base, Flat .....	29.49
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon .....	27.99
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon .....	32.98
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon .....	29.28
09 91 33 00-0037	GAL	Exterior, Latex Gloss Enamel, Water Base .....	41.68
09 91 33 00-0038	GAL	Cold Galvanizing Paint .....	175.91
09 91 33 00-0039	GAL	High Heat Paint .....	60.81
09 91 33 00-0040	GAL	Heat Resistant Paint .....	40.54
09 91 33 00-0041	GAL	Zinc Chromate Paint .....	36.68
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart .....	14.48
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal .....	40.54
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon .....	29.28
09 91 33 00-0045	GAL	Alkyd Latex, Black .....	27.35
09 91 33 00-0046	GAL	Alkyd Latex, White .....	27.35
09 91 33 00-0047	GAL	Alkyd Latex, Colors .....	32.98
09 91 33 00-0048	QT	Wrought Iron Paint, Black .....	37.00
09 91 33 00-0049	GAL	Vinyl Paint .....	49.23
09 91 33 00-0050	GAL	Silicone Alkyd .....	59.85
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy .....	60.81
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy .....	76.26
09 91 33 00-0053	GAL	Chlorinated Rubber .....	55.99
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer .....	57.92
09 91 33 00-0055	GAL	Coal Tar Epoxy .....	41.51
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon .....	51.80
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base .....	67.57
09 91 33 00-0058	GAL	Swimming Pool Rubber Base .....	46.33
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon .....	29.44
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon .....	32.98
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon .....	60.33
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon .....	20.43
09 91 33 00-0063	GAL	Linseed Oil .....	17.86
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon .....	29.28
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon .....	32.98
09 91 33 00-0066	GAL	Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon .....	30.16
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish .....	24.24

**09 91 33 00-0068 Stain, Varnish (09 91 33)**

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon .....	16.73
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon .....	31.21
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon .....	27.83
09 91 33 00-0072	GAL	Varnish, Clear .....	19.44
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain .....	14.12
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain .....	12.62
09 91 33 00-0075	GAL	Polyurethane .....	22.15
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss .....	29.37
09 91 33 00-0077	GAL	Shellac, Clear .....	38.52
09 91 33 00-0078	GAL	Acetone .....	12.71
09 91 33 00-0079	GAL	Paint Thinner .....	3.14
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner .....	12.87
09 91 33 00-0081	GAL	Turpentine .....	17.70
09 91 33 00-0082	GAL	Wood Filler Paste .....	30.24
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon .....	24.13

**09 91 43 Surface Preparation (09 91)**

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

**09 91 43 00-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces (09 91 43)**

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

**09 91 43 00-0002 Concrete And Masonry Surfaces, Surface Preparation (09 91 43 00-0001)**

09 91 43 00-0003	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation .....	0.24
		For Up To 100, Add .....	0.38
		For >100 To 250, Add .....	0.10
		For >250 To 500, Add .....	0.05
		For >5,000 To 10,000, Deduct .....	-0.01
		For >10,000 To 15,000, Deduct .....	-0.02
		For >15,000 To 30,000, Deduct .....	-0.03
		For >30,000, Deduct .....	-0.05
09 91 43 00-0004	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.40
		For Up To 100, Add .....	0.62
		For >100 To 250, Add .....	0.16
		For >250 To 500, Add .....	0.08
		For >5,000 To 10,000, Deduct .....	-0.02
		For >10,000 To 15,000, Deduct .....	-0.04
		For >15,000 To 30,000, Deduct .....	-0.06
		For >30,000, Deduct .....	-0.08



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0005 SF Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation .....	0.39	
For Up To 100, Add	0.78	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.10	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	
09 91 43 00-0006 SF Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.38	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.08	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.03	
For >15,000 To 30,000, Deduct	-0.05	
For >30,000, Deduct	-0.07	
09 91 43 00-0007 SF Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.25	
For Up To 100, Add	0.36	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.05	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 15,000, Deduct	-0.02	
For >15,000 To 30,000, Deduct	-0.04	
For >30,000, Deduct	-0.05	
09 91 43 00-0008 SF 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	0.68	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.15	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.10	
For >30,000, Deduct	-0.13	
09 91 43 00-0009 SF 30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	1.11	
For Up To 100, Add	2.02	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.25	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 15,000, Deduct	-0.11	
For >15,000 To 30,000, Deduct	-0.16	
For >30,000, Deduct	-0.22	
09 91 43 00-0010 SF Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation .....	1.56	
For Heavy Condition Where Multiple Pass Is Required, Add	0.78	
For Up To 100, Add	2.66	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.33	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 15,000, Deduct	-0.15	
For >15,000 To 30,000, Deduct	-0.23	
For >30,000, Deduct	-0.30	
<b>09 91 43 00-0011 Drywall</b> <small>(09 91 43 00-0001)</small>		
Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09 91 43 00-0012 SF Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping).....	0.18	
For Up To 100, Add	0.36	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.05	
09 91 43 00-0013 SF Hand Wash, Minor Repair And Light Sanding Drywall Surfaces.....	0.31	
For Up To 100, Add	0.62	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.08	
09 91 43 00-0014 SF Scrape, Repair And Sand Severely Damaged Drywall Surfaces .....	0.60	
For Up To 100, Add	1.08	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.14	
<b>09 91 43 00-0015 Metal Surfaces, Surface Preparation</b> <small>(09 91 43 00-0001)</small>		
09 91 43 00-0016 SF Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation .....	0.40	
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	
09 91 43 00-0017 SF Hand Scraping And Sanding, Metal Surfaces, Surface Preparation .....	0.39	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0018	SF		Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation .....	0.23	
			For Up To 100, Add	0.14	
			For >100 To 250, Add	0.06	
			For >250 To 500, Add	0.03	
			For >5,000 To 10,000, Deduct	-0.01	
			For >10,000 To 15,000, Deduct	-0.02	
			For >15,000 To 30,000, Deduct	-0.03	
			For >30,000, Deduct	-0.04	
09 91 43 00-0019	SF		Power Tool Cleaning, Metal Surfaces, Surface Preparation .....	0.63	
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.06	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.13	
09 91 43 00-0020	SF		Steam Cleaning, Metal Surfaces, Surface Preparation .....	0.25	
			For Up To 100, Add	0.13	
			For >100 To 250, Add	0.06	
			For >250 To 500, Add	0.03	
			For >5,000 To 10,000, Deduct	-0.01	
			For >10,000 To 15,000, Deduct	-0.02	
			For >15,000 To 30,000, Deduct	-0.04	
			For >30,000, Deduct	-0.05	
09 91 43 00-0021	SF		Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation .....	0.50	
			For Up To 100, Add	0.30	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.05	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.10	
09 91 43 00-0022	SF		Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	0.70	
			For Up To 100, Add	0.41	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.08	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.06	
			For >15,000 To 30,000, Deduct	-0.10	
			For >30,000, Deduct	-0.13	
09 91 43 00-0023	SF		Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.03	
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.12	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 15,000, Deduct	-0.09	
			For >15,000 To 30,000, Deduct	-0.15	
			For >30,000, Deduct	-0.20	
09 91 43 00-0024	SF		Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.71	
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.20	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 15,000, Deduct	-0.16	
			For >15,000 To 30,000, Deduct	-0.25	
			For >30,000, Deduct	-0.32	
09 91 43 00-0025	SF		Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	1.30	
			For Up To 100, Add	0.77	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.15	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.12	
			For >15,000 To 30,000, Deduct	-0.19	
			For >30,000, Deduct	-0.25	
09 91 43 00-0026	SF		Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	1.62	
			For Up To 100, Add	0.95	
			For >100 To 250, Add	0.44	
			For >250 To 500, Add	0.19	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 15,000, Deduct	-0.15	
			For >15,000 To 30,000, Deduct	-0.23	
			For >30,000, Deduct	-0.31	
09 91 43 00-0027	SF		Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	2.10	
			For Up To 100, Add	1.23	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 15,000, Deduct	-0.19	
			For >15,000 To 30,000, Deduct	-0.30	
			For >30,000, Deduct	-0.40	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0028 SF Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation.....	2.62	
For Up To 100, Add	1.53	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 15,000, Deduct	-0.24	
For >15,000 To 30,000, Deduct	-0.38	
For >30,000, Deduct	-0.50	
<b>09 91 43 00-0029 Tile Surfaces (09 91 43 00-0001)</b>		
09 91 43 00-0030 SF Alkaline Cleaner, Brush And Wash Tile Surface.....	0.20	
For Up To 100, Add	0.15	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 15,000, Deduct	-0.02	
For >15,000 To 30,000, Deduct	-0.03	
For >30,000, Deduct	-0.04	
09 91 43 00-0031 SF Up To 5,000 PSI, Pressure Wash Tile Surface.....	0.16	
For Up To 100, Add	0.10	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 15,000, Deduct	-0.01	
For >15,000 To 30,000, Deduct	-0.02	
For >30,000, Deduct	-0.03	
<b>09 91 43 00-0032 Wood Surfaces (09 91 43 00-0001)</b>		
09 91 43 00-0033 SF Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening.....	0.64	
For Up To 100, Add	0.46	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >4,000, Deduct	-0.03	
For Up To 100, Add	0.45	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.09	
For >30,000, Deduct	-0.13	
09 91 43 00-0034 SF Chemical Clean, Brush And Wash Wood Surface.....	0.32	
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 15,000, Deduct	-0.03	
For >15,000 To 30,000, Deduct	-0.05	
For >30,000, Deduct	-0.06	
09 91 43 00-0035 SF Hand Scrape Wood Surface.....	0.37	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.07	
09 91 43 00-0036 SF Steam Clean Wood Surface.....	0.37	
For Up To 100, Add	0.22	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.03	
For >15,000 To 30,000, Deduct	-0.05	
For >30,000, Deduct	-0.07	
09 91 43 00-0037 SF Up To 5,000 PSI, Pressure Wash Wood Surface.....	0.25	
For Up To 100, Add	0.15	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 15,000, Deduct	-0.02	
For >15,000 To 30,000, Deduct	-0.04	
For >30,000, Deduct	-0.05	
09 91 43 00-0038 SF Sanding Wood Paneling, Boards, Doors, Etcetera.....	0.43	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	

**09 Finishes****09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0039	SF		Sanding Wood Trim.....	0.58	
			For Up To 100, Add	0.41	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.08	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.06	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.11	
09 91 43 00-0040	SF		Prime Wood Surfaces With Linseed Oil, 1 Coat.....	0.39	
			For Up To 100, Add	0.24	
			For >100 To 250, Add	0.11	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.07	
09 91 43 00-0041	SF		Paint Wood Surfaces With Linseed Oil, 1 Coat.....	0.45	
			For Up To 100, Add	0.29	
			For >100 To 250, Add	0.13	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
<b>09 91 43 00-0042</b>			<b>Vinyl Siding Surfaces</b> (09 91 43 00-0001)		
09 91 43 00-0043	SF		Hand Wash, Vinyl Siding Surfaces.....	0.33	
			For Up To 100, Add	0.23	
			For >100 To 250, Add	0.11	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.03	
			For >15,000 To 30,000, Deduct	-0.05	
			For >30,000, Deduct	-0.07	
09 91 43 00-0044	SF		Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces.....	0.22	
			For Up To 100, Add	0.12	
			For >100 To 250, Add	0.06	
			For >250 To 500, Add	0.02	
			For >5,000 To 10,000, Deduct	-0.01	
			For >10,000 To 15,000, Deduct	-0.02	
			For >15,000 To 30,000, Deduct	-0.03	
			For >30,000, Deduct	-0.04	
09 91 43 00-0045	SF		Steam Clean, Vinyl Siding Surfaces.....	0.39	
			For Up To 100, Add	0.22	
			For >100 To 250, Add	0.10	
			For >250 To 500, Add	0.04	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.07	
<b>09 91 43 00-0046</b>			<b>Prep Work</b> (09 91 43 00-0001)		
09 91 43 00-0047	SF		Citrus Strip, Single Applications.....	0.57	
<b>09 91 43 00-0048</b>			<b>Plaster/Stucco</b> (09 91 43 00-0001)		
			Note: Based on total project quantity.		
09 91 43 00-0049	SF		Up To 5,000 PSI Pressure Wash Stucco Surfaces.....	0.28	
			For Up To 100, Add	0.16	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >5,000 To 10,000, Deduct	-0.01	
			For >10,000 To 15,000, Deduct	-0.03	
			For >15,000 To 30,000, Deduct	-0.04	
			For >30,000, Deduct	-0.05	
<b>09 91 43 00-0050</b>			<b>Paint Removal, Strip To Bare Wood</b> (09 91 43 00-0001)		
09 91 43 00-0051	SF		Flat Surfaces, Paint Removal, Strip To Bare Wood.....	3.71	
09 91 43 00-0052	SF		Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood.....	3.96	

**09 93 Staining And Transparent Finishing** (09 90)

Note: Includes light sanding or screening between coats.

**09 93 13 Exterior Staining And Finishing** (09 93)**09 93 13 13 Exterior Staining** (09 93 13)**09 93 13 13-0001 Stain Sealer** (09 93 13 13)

Note: Measured by surface area of wall or ceiling.



<b>Finishes</b>	<b>09</b>	<b>2</b>
Painting And Coating	09 90	
Staining And Transparent Finishing	09 93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0002 SF Stain Sealer, Brush Work.....	0.48	
For Ceiling Work, Add	0.06	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 93 13 13-0003 SF Stain Sealer, Brush/Roller Work.....	0.39	
For Ceiling Work, Add	0.05	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
09 93 13 13-0004 SF Stain Sealer, Sprayed.....	0.16	
For Ceiling Work, Add	0.02	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.01	
For >20,000, Deduct	-0.02	
<b>09 93 23 Interior Staining And Finishing (09 93)</b>		
Note: VOC compliant in all regulated areas, review specifications for levels.		
<b>09 93 23 53 Interior Finishing (09 93 23)</b>		
<b>09 93 23 53-0001 Concrete Finishes (09 93 23 53)</b>		
09 93 23 53-0002 SF Finish Concrete Floor, 1 Coat Polyurethane.....	0.42	
For Up To 100, Add	0.25	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >4,000, Deduct	-0.02	
<b>09 93 23 53-0003 Wood Trim Finishes (09 93 23 53)</b>		
09 93 23 53-0004 LF Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	0.58	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >4,000, Deduct	-0.03	
09 93 23 53-0005 SF Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	0.85	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >4,000, Deduct	-0.04	
09 93 23 53-0006 SF Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane.....	0.70	
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >4,000, Deduct	-0.04	
09 93 23 53-0007 SF Finish Wood Trim, 1 Coat Varnish Or Polyurethane.....	0.47	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >4,000, Deduct	-0.02	
<b>09 93 23 53-0008 Wood Floor Finishes (09 93 23 53)</b>		
09 93 23 53-0009 SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.26	
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >4,000, Deduct	-0.01	
09 93 23 53-0010 SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work.....	0.20	
For Up To 100, Add	0.11	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.02	
For >4,000, Deduct	-0.01	
09 93 23 53-0011 SF Refinish Wood Floor, 2 Coats Polyurethane.....	1.36	
Note: Includes sanding existing floor.		
For Up To 100, Add	0.95	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >4,000, Deduct	-0.07	
09 93 23 53-0012 SF Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.35	
Note: Includes screening between coats.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >4,000, Deduct	-0.02	
09 93 23 53-0013 SF Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	1.56	
Note: Includes sanding existing floor.		
For Up To 100, Add	1.08	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >4,000, Deduct	-0.08	
<b>09 93 23 53-0014 Wood Door And Window Finishes (09 93 23 53)</b>		
See CSI section 08 14 16 00-0155 for factory finish.		

**09 Finishes****09 90 Painting And Coating****09 93 Staining And Transparent Finishing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0015	EA		Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face) .....	27.58	
			<i>For Up To 4, Add</i>	20.15	
			<i>For &gt;4 To 10, Add</i>	9.43	
			<i>For &gt;10 To 20, Add</i>	4.05	
			<i>For &gt;160, Deduct</i>	-1.38	
09 93 23 53-0016	EA		Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	19.60	
			<i>For Up To 4, Add</i>	13.91	
			<i>For &gt;4 To 10, Add</i>	6.53	
			<i>For &gt;10 To 20, Add</i>	2.81	
			<i>For &gt;160, Deduct</i>	-0.98	
09 93 23 53-0017	EA		Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face).....	19.99	
			<i>For Up To 4, Add</i>	14.52	
			<i>For &gt;4 To 10, Add</i>	6.80	
			<i>For &gt;10 To 20, Add</i>	2.92	
			<i>For &gt;160, Deduct</i>	-1.00	
09 93 23 53-0018	EA		Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face).....	60.67	
			<i>For Up To 4, Add</i>	43.35	
			<i>For &gt;4 To 10, Add</i>	20.34	
			<i>For &gt;10 To 20, Add</i>	8.74	
			<i>For &gt;160, Deduct</i>	-3.03	
<b>09 93 23 53-0019</b>			<b>Cabinet Finishes (09 93 23 53)</b>		
09 93 23 53-0020	SF		Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	0.69	
09 93 23 53-0021	SF		Stain Cabinet, 1 Coat Shellac, Varnish Or Polyurethane.....	0.69	
<b>09 93 23 53-0022</b>			<b>Gym, Stage And Dance Floor Finishes (09 93 23 53)</b>		
09 93 23 53-0023	SF		Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor .....	0.87	
			Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09 93 23 53-0024	SF		Finish New Elementary School Wood Gym, Stage Or Dance Floor.....	2.08	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
09 93 23 53-0025	SF		Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor .....	2.13	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
09 93 23 53-0026	SF		Finish New High School Wood Gym, Stage Or Dance Floor .....	2.17	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
09 93 23 53-0027	SF		Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor.....	2.08	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
09 93 23 53-0028	SF		Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	2.13	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
09 93 23 53-0029	SF		Refinish Existing High School Wood Gym, Stage Or Dance Floor.....	2.17	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			<i>For Stage Or Dance Floors, Deduct</i>	-0.04	
<b>09 96 High-Performance Coatings (09 90)</b>					
<b>09 96 23 Graffiti-Resistant Coatings (09 96)</b>					
<b>09 96 23 00-0001 Anti-Graffiti Painting (09 96 23)</b>					
09 96 23 00-0002	SF		Anti-Graffiti Coating System, 1 Coat, Concrete Surface .....	1.19	
			<i>For Up To 100, Add</i>	0.50	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
09 96 23 00-0003	SF		Anti-Graffiti Coating System, 1 Coat, Brick Or Block.....	1.23	
			<i>For Up To 100, Add</i>	0.51	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.12	
09 96 23 00-0004	SF		Anti-Graffiti Coating System, 1 Coat, Tile .....	0.96	
			<i>For Up To 100, Add</i>	0.47	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
09 96 23 00-0005	SF		Anti-Graffiti Coating System, 1 Coat, Metal Or Steel .....	0.92	
			<i>For Up To 100, Add</i>	0.46	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	





<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
High-Performance Coatings	09 96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 23 00-0006	SF		Anti-Graffiti Coating System, 1 Coat, Wood.....	1.19	
			<i>For Up To 100, Add</i>	0.50	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
09 96 23 00-0007	SF		Anti-Graffiti Coating System, 1 Coat, Painted Surface.....	1.04	
			<i>For Up To 100, Add</i>	0.48	
			<i>For &gt;100 To 250, Add</i>	0.24	
			<i>For &gt;250 To 500, Add</i>	0.11	
09 96 23 00-0008	SF		Anti-Graffiti Coating System, 2 Coats, Concrete Surface .....	2.29	
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 96 23 00-0009	SF		Anti-Graffiti Coating System, 2 Coats, Brick Or Block.....	2.37	
			<i>For Up To 100, Add</i>	0.93	
			<i>For &gt;100 To 250, Add</i>	0.48	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 96 23 00-0010	SF		Anti-Graffiti Coating System, 2 Coats, Tile.....	1.84	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.42	
			<i>For &gt;250 To 500, Add</i>	0.19	
09 96 23 00-0011	SF		Anti-Graffiti Coating System, 2 Coats, Metal Or Steel .....	1.76	
			<i>For Up To 100, Add</i>	0.84	
			<i>For &gt;100 To 250, Add</i>	0.42	
			<i>For &gt;250 To 500, Add</i>	0.18	
09 96 23 00-0012	SF		Anti-Graffiti Coating System, 2 Coats, Wood.....	2.26	
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 96 23 00-0013	SF		Anti-Graffiti Coating System, 2 Coats, Painted Surface.....	1.99	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 250, Add</i>	0.44	
			<i>For &gt;250 To 500, Add</i>	0.20	

**09 96 53 Elastomeric Coatings** (09 96)

**09 96 53 00-0001 Elastomeric** (09 96 53)

			Note: Per coat.		
09 96 53 00-0002	SF		Paint, Brush, Elastomeric, Per Coat .....	1.48	
			<i>For Work &gt;20', Add</i>	0.20	
			Note: Applied only to work area above 20'.		
			<i>For Up To 100, Add</i>	0.71	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.30	
09 96 53 00-0003	SF		Paint, Roller, Elastomeric, Per Coat .....	1.23	
			<i>For Work &gt;20', Add</i>	0.14	
			Note: Applied only to work area above 20'.		
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 96 53 00-0004	SF		Paint, Conventional Spray, Elastomeric, Per Coat.....	1.27	
			<i>For Work &gt;20', Add</i>	0.12	
			Note: Applied only to work area above 20'.		
			<i>For Up To 100, Add</i>	0.48	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 96 53 00-0005	SF		Paint, Airless Spray, Elastomeric, Per Coat.....	1.16	
			<i>For Work &gt;20', Add</i>	0.10	
			Note: Applied only to work area above 20'.		
			<i>For Up To 100, Add</i>	0.40	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
			<i>For &gt;20,000, Deduct</i>	-0.23	

**09 96 56 Epoxy Coatings** (09 96)

**09 96 56 00-0001 High Build Epoxy** (09 96 56)

09 96 56 00-0002	SF		High Build Epoxy - 50 Mil.....	1.76	
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<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 96 High-Performance Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 56 00-0003 Laminated Epoxy With Fiberglass <small>(09 96 56)</small>		
09 96 56 00-0004 SF Laminated Epoxy With Fiberglass.....	3.00	
<b>09 96 66 Aggregate Wall Coatings <small>(09 96)</small></b>		
09 96 66 00-0001 Troweled On <small>(09 96 66)</small>		
09 96 66 00-0002 SF Exposed Aggregate - 1/16" To 1/4" - Troweled On.....	2.38	
09 96 66 00-0003 SF Exposed Aggregate - 1/2" To 5/8" Troweled On.....	4.24	
09 96 66 00-0004 SF Exposed Aggregate - 1" Troweled On.....	6.41	
09 96 66 00-0005 Sprayed On <small>(09 96 66)</small>		
09 96 66 00-0006 SF Exposed Aggregate - 1/8" - Sprayed On.....	1.95	
09 97 Special Coatings <small>(09 90)</small>		
<b>09 97 13 Steel Coatings <small>(09 97)</small></b>		
<b>09 97 13 23 Exterior Steel Coatings <small>(09 97 13)</small></b>		
09 97 13 23-0001 Surface Preparation For Tanks And Structural Steel <small>(09 97 13 23)</small>		
Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.		
09 97 13 23-0002 SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation <small>(09 97 13 23-0001)</small>		
09 97 13 23-0003 SF Type 1 Structural Steel SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.76	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.11	
09 97 13 23-0004 SF Type 2 Structural Steel SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.72	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
09 97 13 23-0005 SF Type 3 Structural Steel SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.72	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
09 97 13 23-0006 SF Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.72	
For Up To 100, Add	0.54	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
09 97 13 23-0007 SF Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.64	
For Up To 100, Add	0.48	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
09 97 13 23-0008 SF Up To 14" Diameter Pipe SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.98	
For Up To 100, Add	0.74	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
09 97 13 23-0009 SF Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	0.91	
For Up To 100, Add	0.68	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
09 97 13 23-0010 SSPC SP7 Brush Off Blast Cleaning Surface Preparation <small>(09 97 13 23-0001)</small>		
09 97 13 23-0011 SF Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.59	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
09 97 13 23-0012 SF Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.52	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
09 97 13 23-0013 SF Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.51	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.07	
09 97 13 23-0014 SF Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation.....	0.49	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
09 97 13 23-0015 SF Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation.....	0.40	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
09 97 13 23-0016 SF Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation.....	0.73	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0017 SF Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation .....	0.69	
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
<b>09 97 13 23-0018 SSPC SP6 Commercial Blast Cleaning Surface Preparation (09 97 13 23-0001)</b>		
09 97 13 23-0019 SF Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	1.50	
For Up To 100, Add	1.05	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.21	
09 97 13 23-0020 SF Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	1.30	
For Up To 100, Add	0.91	
For >100 To 250, Add	0.43	
For >250 To 500, Add	0.18	
09 97 13 23-0021 SF Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	1.21	
For Up To 100, Add	0.84	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
09 97 13 23-0022 SF Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation .....	1.21	
For Up To 100, Add	0.84	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
09 97 13 23-0023 SF Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation .....	1.11	
For Up To 100, Add	0.77	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
09 97 13 23-0024 SF Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation .....	1.87	
For Up To 100, Add	1.33	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
09 97 13 23-0025 SF Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation .....	1.62	
For Up To 100, Add	1.15	
For >100 To 250, Add	0.54	
For >250 To 500, Add	0.23	
<b>09 97 13 23-0026 SSPC SP5 White Metal Blast Cleaning Surface Preparation (09 97 13 23-0001)</b>		
09 97 13 23-0027 SF Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	2.91	
For Up To 100, Add	2.06	
For >100 To 250, Add	0.97	
For >250 To 500, Add	0.42	
09 97 13 23-0028 SF Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	2.50	
For Up To 100, Add	1.76	
For >100 To 250, Add	0.83	
For >250 To 500, Add	0.36	
09 97 13 23-0029 SF Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	2.30	
For Up To 100, Add	1.61	
For >100 To 250, Add	0.76	
For >250 To 500, Add	0.33	
09 97 13 23-0030 SF Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	2.19	
For Up To 100, Add	1.53	
For >100 To 250, Add	0.72	
For >250 To 500, Add	0.31	
09 97 13 23-0031 SF Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation .....	2.09	
For Up To 100, Add	1.45	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.29	
09 97 13 23-0032 SF Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	3.51	
For Up To 100, Add	2.51	
For >100 To 250, Add	1.18	
For >250 To 500, Add	0.51	
09 97 13 23-0033 SF Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation .....	3.04	
For Up To 100, Add	2.17	
For >100 To 250, Add	1.02	
For >250 To 500, Add	0.44	
<b>09 97 13 23-0034 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation (09 97 13 23-0001)</b>		
09 97 13 23-0035 SF Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	2.17	
For Up To 100, Add	1.53	
For >100 To 250, Add	0.72	
For >250 To 500, Add	0.31	
09 97 13 23-0036 SF Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	1.85	
For Up To 100, Add	1.30	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
09 97 13 23-0037 SF Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation .....	1.75	
For Up To 100, Add	1.22	
For >100 To 250, Add	0.58	
For >250 To 500, Add	0.25	
09 97 13 23-0038 SF Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	1.74	
For Up To 100, Add	1.22	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	

**09 Finishes**

**09 90 Painting And Coating**

**09 97 Special Coatings**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0039	SF		Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	1.74	
			<i>For Up To 100, Add</i>	1.22	
			<i>For &gt;100 To 250, Add</i>	0.57	
			<i>For &gt;250 To 500, Add</i>	0.25	
09 97 13 23-0040	SF		Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.56	
			<i>For Up To 100, Add</i>	1.83	
			<i>For &gt;100 To 250, Add</i>	0.86	
			<i>For &gt;250 To 500, Add</i>	0.37	
09 97 13 23-0041	SF		Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.55	
			<i>For Up To 100, Add</i>	1.83	
			<i>For &gt;100 To 250, Add</i>	0.86	
			<i>For &gt;250 To 500, Add</i>	0.37	
<b>09 97 13 23-0042</b>			<b>Protective Coatings For Tanks And Structural Steel</b> <small>(09 97 13 23)</small>		
			Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.		
<b>09 97 13 23-0043</b>			<b>1.5 Mil Prime Coat For Tanks And Structural Steel</b> <small>(09 97 13 23-0042)</small>		
09 97 13 23-0044	SF		Spray Type 1 Structural Steel 1.5 Mil Prime Coat.....	0.56	
			<i>For Up To 100, Add</i>	0.36	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.07	
09 97 13 23-0045	SF		Spray Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.41	
			<i>For Up To 100, Add</i>	0.26	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
09 97 13 23-0046	SF		Spray Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.37	
			<i>For Up To 100, Add</i>	0.23	
			<i>For &gt;100 To 250, Add</i>	0.11	
			<i>For &gt;250 To 500, Add</i>	0.05	
09 97 13 23-0047	SF		Spray Small Vessel/Tank 1.5 Mil Prime Coat .....	0.33	
			<i>For Up To 100, Add</i>	0.20	
			<i>For &gt;100 To 250, Add</i>	0.10	
			<i>For &gt;250 To 500, Add</i>	0.04	
09 97 13 23-0048	SF		Spray Large Vessel/Tank 1.5 Mil Prime Coat .....	0.27	
			<i>For Up To 100, Add</i>	0.15	
			<i>For &gt;100 To 250, Add</i>	0.07	
			<i>For &gt;250 To 500, Add</i>	0.03	
09 97 13 23-0049	SF		Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	0.66	
			<i>For Up To 100, Add</i>	0.44	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0050	SF		Spray Tank Interior 1.5 Mil Prime Coat .....	0.62	
			<i>For Up To 100, Add</i>	0.42	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0051	SF		Brush Type 1 Structural Steel 1.5 Mil Prime Coat.....	0.88	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
09 97 13 23-0052	SF		Brush Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.64	
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0053	SF		Brush Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.57	
			<i>For Up To 100, Add</i>	0.38	
			<i>For &gt;100 To 250, Add</i>	0.18	
			<i>For &gt;250 To 500, Add</i>	0.08	
09 97 13 23-0054	SF		Brush Small Vessel/Tank 1.5 Mil Prime Coat .....	0.50	
			<i>For Up To 100, Add</i>	0.33	
			<i>For &gt;100 To 250, Add</i>	0.16	
			<i>For &gt;250 To 500, Add</i>	0.07	
09 97 13 23-0055	SF		Brush Large Vessel/Tank 1.5 Mil Prime Coat .....	0.40	
			<i>For Up To 100, Add</i>	0.25	
			<i>For &gt;100 To 250, Add</i>	0.12	
			<i>For &gt;250 To 500, Add</i>	0.05	
09 97 13 23-0056	SF		Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	1.05	
			<i>For Up To 100, Add</i>	0.73	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
09 97 13 23-0057	SF		Brush Tank Interior 1.5 Mil Prime Coat .....	1.00	
			<i>For Up To 100, Add</i>	0.70	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.14	
<b>09 97 13 23-0058</b>			<b>1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel</b> <small>(09 97 13 23-0042)</small>		
09 97 13 23-0059	SF		Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	1.64	
			<i>For Up To 100, Add</i>	1.04	
			<i>For &gt;100 To 250, Add</i>	0.50	
			<i>For &gt;250 To 500, Add</i>	0.22	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0060 SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.20	
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
09 97 13 23-0061 SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.12	
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
09 97 13 23-0062 SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	0.98	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
09 97 13 23-0063 SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	0.77	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
09 97 13 23-0064 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.98	
For Up To 100, Add	1.29	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.27	
09 97 13 23-0065 SF Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.77	
For Up To 100, Add	1.17	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
09 97 13 23-0066 SF Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.23	
For Up To 100, Add	0.78	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
09 97 13 23-0067 SF Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.90	
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
09 97 13 23-0068 SF Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.84	
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
09 97 13 23-0069 SF Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.73	
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
09 97 13 23-0070 SF Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.58	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
09 97 13 23-0071 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.49	
For Up To 100, Add	0.97	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
09 97 13 23-0072 SF Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.33	
For Up To 100, Add	0.88	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
09 97 13 23-0073 SF Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.78	
For Up To 100, Add	1.90	
For >100 To 250, Add	0.90	
For >250 To 500, Add	0.39	
09 97 13 23-0074 SF Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.98	
For Up To 100, Add	1.32	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
09 97 13 23-0075 SF Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.82	
For Up To 100, Add	1.20	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
09 97 13 23-0076 SF Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.58	
For Up To 100, Add	1.02	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
09 97 13 23-0077 SF Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.20	
For Up To 100, Add	0.74	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
09 97 13 23-0078 SF Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.41	
For Up To 100, Add	2.37	
For >100 To 250, Add	1.11	
For >250 To 500, Add	0.48	
09 97 13 23-0079 SF Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.05	
For Up To 100, Add	2.13	
For >100 To 250, Add	1.00	
For >250 To 500, Add	0.43	
09 97 13 23-0080 SF Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.08	
For Up To 100, Add	1.42	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.29	

**09 Finishes****09 90 Painting And Coating****09 97 Special Coatings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 97 13 23-0081	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	1.49	
		<i>For Up To 100, Add</i>	0.99	
		<i>For &gt;100 To 250, Add</i>	0.47	
		<i>For &gt;250 To 500, Add</i>	0.20	
09 97 13 23-0082	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	1.37	
		<i>For Up To 100, Add</i>	0.90	
		<i>For &gt;100 To 250, Add</i>	0.43	
		<i>For &gt;250 To 500, Add</i>	0.18	
09 97 13 23-0083	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.19	
		<i>For Up To 100, Add</i>	0.77	
		<i>For &gt;100 To 250, Add</i>	0.37	
		<i>For &gt;250 To 500, Add</i>	0.16	
09 97 13 23-0084	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.89	
		<i>For Up To 100, Add</i>	0.55	
		<i>For &gt;100 To 250, Add</i>	0.26	
		<i>For &gt;250 To 500, Add</i>	0.11	
09 97 13 23-0085	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.56	
		<i>For Up To 100, Add</i>	1.78	
		<i>For &gt;100 To 250, Add</i>	0.84	
		<i>For &gt;250 To 500, Add</i>	0.36	
09 97 13 23-0086	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	2.29	
		<i>For Up To 100, Add</i>	1.60	
		<i>For &gt;100 To 250, Add</i>	0.75	
		<i>For &gt;250 To 500, Add</i>	0.32	
<b>09 97 13 23-0087 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel</b>				
		<small>(09 97 13 23-0042)</small>		
09 97 13 23-0088	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.27	
		<i>For Up To 100, Add</i>	0.82	
		<i>For &gt;100 To 250, Add</i>	0.39	
		<i>For &gt;250 To 500, Add</i>	0.17	
09 97 13 23-0089	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.04	
		<i>For Up To 100, Add</i>	0.66	
		<i>For &gt;100 To 250, Add</i>	0.31	
		<i>For &gt;250 To 500, Add</i>	0.14	
09 97 13 23-0090	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	0.95	
		<i>For Up To 100, Add</i>	0.59	
		<i>For &gt;100 To 250, Add</i>	0.28	
		<i>For &gt;250 To 500, Add</i>	0.12	
09 97 13 23-0091	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	0.87	
		<i>For Up To 100, Add</i>	0.53	
		<i>For &gt;100 To 250, Add</i>	0.25	
		<i>For &gt;250 To 500, Add</i>	0.11	
09 97 13 23-0092	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	0.74	
		<i>For Up To 100, Add</i>	0.44	
		<i>For &gt;100 To 250, Add</i>	0.21	
		<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0093	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.56	
		<i>For Up To 100, Add</i>	1.03	
		<i>For &gt;100 To 250, Add</i>	0.49	
		<i>For &gt;250 To 500, Add</i>	0.21	
09 97 13 23-0094	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.82	
		<i>For Up To 100, Add</i>	1.25	
		<i>For &gt;100 To 250, Add</i>	0.59	
		<i>For &gt;250 To 500, Add</i>	0.25	
09 97 13 23-0095	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.81	
		<i>For Up To 100, Add</i>	0.52	
		<i>For &gt;100 To 250, Add</i>	0.25	
		<i>For &gt;250 To 500, Add</i>	0.11	
09 97 13 23-0096	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.66	
		<i>For Up To 100, Add</i>	0.42	
		<i>For &gt;100 To 250, Add</i>	0.20	
		<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0097	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.61	
		<i>For Up To 100, Add</i>	0.38	
		<i>For &gt;100 To 250, Add</i>	0.18	
		<i>For &gt;250 To 500, Add</i>	0.08	
09 97 13 23-0098	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.56	
		<i>For Up To 100, Add</i>	0.34	
		<i>For &gt;100 To 250, Add</i>	0.16	
		<i>For &gt;250 To 500, Add</i>	0.07	
09 97 13 23-0099	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.48	
		<i>For Up To 100, Add</i>	0.28	
		<i>For &gt;100 To 250, Add</i>	0.14	
		<i>For &gt;250 To 500, Add</i>	0.06	
09 97 13 23-0100	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.01	
		<i>For Up To 100, Add</i>	0.67	
		<i>For &gt;100 To 250, Add</i>	0.32	
		<i>For &gt;250 To 500, Add</i>	0.14	
09 97 13 23-0101	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats.....	1.17	
		<i>For Up To 100, Add</i>	0.80	
		<i>For &gt;100 To 250, Add</i>	0.38	
		<i>For &gt;250 To 500, Add</i>	0.16	



<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0102 SF Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.98	
<i>For Up To 100, Add</i>	1.35	
<i>For &gt;100 To 250, Add</i>	0.64	
<i>For &gt;250 To 500, Add</i>	0.28	
09 97 13 23-0103 SF Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.61	
<i>For Up To 100, Add</i>	1.09	
<i>For &gt;100 To 250, Add</i>	0.51	
<i>For &gt;250 To 500, Add</i>	0.22	
09 97 13 23-0104 SF Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.47	
<i>For Up To 100, Add</i>	0.98	
<i>For &gt;100 To 250, Add</i>	0.46	
<i>For &gt;250 To 500, Add</i>	0.20	
09 97 13 23-0105 SF Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.33	
<i>For Up To 100, Add</i>	0.88	
<i>For &gt;100 To 250, Add</i>	0.42	
<i>For &gt;250 To 500, Add</i>	0.18	
09 97 13 23-0106 SF Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	1.12	
<i>For Up To 100, Add</i>	0.72	
<i>For &gt;100 To 250, Add</i>	0.34	
<i>For &gt;250 To 500, Add</i>	0.15	
09 97 13 23-0107 SF Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	2.49	
<i>For Up To 100, Add</i>	1.73	
<i>For &gt;100 To 250, Add</i>	0.81	
<i>For &gt;250 To 500, Add</i>	0.35	
09 97 13 23-0108 SF Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.14	
<i>For Up To 100, Add</i>	2.28	
<i>For &gt;100 To 250, Add</i>	1.07	
<i>For &gt;250 To 500, Add</i>	0.46	
09 97 13 23-0109 SF Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.27	
<i>For Up To 100, Add</i>	0.87	
<i>For &gt;100 To 250, Add</i>	0.41	
<i>For &gt;250 To 500, Add</i>	0.18	
09 97 13 23-0110 SF Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.04	
<i>For Up To 100, Add</i>	0.70	
<i>For &gt;100 To 250, Add</i>	0.33	
<i>For &gt;250 To 500, Add</i>	0.14	
09 97 13 23-0111 SF Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.95	
<i>For Up To 100, Add</i>	0.63	
<i>For &gt;100 To 250, Add</i>	0.30	
<i>For &gt;250 To 500, Add</i>	0.13	
09 97 13 23-0112 SF Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.86	
<i>For Up To 100, Add</i>	0.57	
<i>For &gt;100 To 250, Add</i>	0.27	
<i>For &gt;250 To 500, Add</i>	0.12	
09 97 13 23-0113 SF Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	0.71	
<i>For Up To 100, Add</i>	0.45	
<i>For &gt;100 To 250, Add</i>	0.22	
<i>For &gt;250 To 500, Add</i>	0.09	
09 97 13 23-0114 SF Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.59	
<i>For Up To 100, Add</i>	1.10	
<i>For &gt;100 To 250, Add</i>	0.52	
<i>For &gt;250 To 500, Add</i>	0.22	
09 97 13 23-0115 SF Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats .....	2.05	
<i>For Up To 100, Add</i>	1.46	
<i>For &gt;100 To 250, Add</i>	0.69	
<i>For &gt;250 To 500, Add</i>	0.29	
<b>09 97 13 23-0116 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks And Structural Steel (09 97 13 23-0042)</b>		
09 97 13 23-0117 SF Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.12	
<i>For Up To 100, Add</i>	1.22	
<i>For &gt;100 To 250, Add</i>	0.59	
<i>For &gt;250 To 500, Add</i>	0.26	
09 97 13 23-0118 SF Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.56	
<i>For Up To 100, Add</i>	0.83	
<i>For &gt;100 To 250, Add</i>	0.41	
<i>For &gt;250 To 500, Add</i>	0.18	
09 97 13 23-0119 SF Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.40	
<i>For Up To 100, Add</i>	0.71	
<i>For &gt;100 To 250, Add</i>	0.35	
<i>For &gt;250 To 500, Add</i>	0.15	
09 97 13 23-0120 SF Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.30	
<i>For Up To 100, Add</i>	0.65	
<i>For &gt;100 To 250, Add</i>	0.32	
<i>For &gt;250 To 500, Add</i>	0.14	
09 97 13 23-0121 SF Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.14	
<i>For Up To 100, Add</i>	0.53	
<i>For &gt;100 To 250, Add</i>	0.26	
<i>For &gt;250 To 500, Add</i>	0.12	
09 97 13 23-0122 SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.39	
<i>For Up To 100, Add</i>	1.41	
<i>For &gt;100 To 250, Add</i>	0.68	
<i>For &gt;250 To 500, Add</i>	0.29	

**09 Finishes****09 90 Painting And Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0123	SF		Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.49	
			For Up To 100, Add	0.85	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
09 97 13 23-0124	SF		Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.10	
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
09 97 13 23-0125	SF		Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	0.99	
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
09 97 13 23-0126	SF		Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	0.90	
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
09 97 13 23-0127	SF		Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	0.79	
			For Up To 100, Add	0.36	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
09 97 13 23-0128	SF		Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.67	
			For Up To 100, Add	0.98	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.21	
<b>09 97 13 23-0129 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks And Structural Steel (09 97 13 23-0042)</b>					
09 97 13 23-0130	SF		Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	2.30	
			For Up To 100, Add	1.25	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.27	
09 97 13 23-0131	SF		Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	1.72	
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.19	
09 97 13 23-0132	SF		Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	1.56	
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
09 97 13 23-0133	SF		Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	1.45	
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.15	
09 97 13 23-0134	SF		Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats.....	1.29	
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
09 97 13 23-0135	SF		Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	2.57	
			For Up To 100, Add	1.44	
			For >100 To 250, Add	0.69	
			For >250 To 500, Add	0.30	
09 97 13 23-0136	SF		Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	1.88	
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
09 97 13 23-0137	SF		Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	1.41	
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
09 97 13 23-0138	SF		Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	1.27	
			For Up To 100, Add	0.60	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
09 97 13 23-0139	SF		Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats.....	1.20	
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
09 97 13 23-0140	SF		Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats .....	1.06	
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
09 97 13 23-0141	SF		Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats.....	2.11	
			For Up To 100, Add	1.17	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
<b>09 97 13 23-0142 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks And Structural Steel (09 97 13 23-0042)</b>					
09 97 13 23-0143	SF		Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	4.78	
			For Up To 100, Add	2.67	
			For >100 To 250, Add	1.29	
			For >250 To 500, Add	0.56	





<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting And Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0144 SF Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	3.66	
For Up To 100, Add	1.92	
For >100 To 250, Add	0.94	
For >250 To 500, Add	0.41	
09 97 13 23-0145 SF Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	3.54	
For Up To 100, Add	1.83	
For >100 To 250, Add	0.90	
For >250 To 500, Add	0.39	
09 97 13 23-0146 SF Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	3.41	
For Up To 100, Add	1.76	
For >100 To 250, Add	0.86	
For >250 To 500, Add	0.38	
09 97 13 23-0147 SF Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	3.16	
For Up To 100, Add	1.57	
For >100 To 250, Add	0.77	
For >250 To 500, Add	0.34	
09 97 13 23-0148 SF Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	5.52	
For Up To 100, Add	3.20	
For >100 To 250, Add	1.54	
For >250 To 500, Add	0.67	
09 97 13 23-0149 SF Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	5.08	
For Up To 100, Add	3.01	
For >100 To 250, Add	1.45	
For >250 To 500, Add	0.63	
<b>09 97 13 23-0150 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks And Structural Steel</b> <small>(09 97 13 23-0042)</small>		
09 97 13 23-0151 SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.55	
For Up To 100, Add	1.31	
For >100 To 250, Add	0.64	
For >250 To 500, Add	0.28	
09 97 13 23-0152 SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.05	
For Up To 100, Add	0.94	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
09 97 13 23-0153 SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	1.96	
For Up To 100, Add	0.87	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
09 97 13 23-0154 SF Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	1.82	
For Up To 100, Add	0.83	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
09 97 13 23-0155 SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	1.64	
For Up To 100, Add	0.70	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.16	
09 97 13 23-0156 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	2.88	
For Up To 100, Add	1.53	
For >100 To 250, Add	0.75	
For >250 To 500, Add	0.33	
09 97 13 23-0157 SF Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.64	
For Up To 100, Add	1.45	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.31	
09 97 13 23-0158 SF Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.01	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
09 97 13 23-0159 SF Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	1.62	
For Up To 100, Add	0.74	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
09 97 13 23-0160 SF Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	1.54	
For Up To 100, Add	0.68	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
09 97 13 23-0161 SF Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	1.43	
For Up To 100, Add	0.65	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
09 97 13 23-0162 SF Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats .....	1.30	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.13	
09 97 13 23-0163 SF Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	2.27	
For Up To 100, Add	1.20	
For >100 To 250, Add	0.59	
For >250 To 500, Add	0.26	
09 97 13 23-0164 SF Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats.....	2.08	
For Up To 100, Add	1.14	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	

09	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 97 Special Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>09 97 13 23-0165</b>	<b>Two 8 Mil Coal Tar Epoxy Coats For Tanks And Structural Steel</b> (09 97 13 23-0042)	
09 97 13 23-0166	SF Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.11
	For Up To 100, Add	1.24
	For >100 To 250, Add	0.60
	For >250 To 500, Add	0.26
09 97 13 23-0167	SF Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	1.72
	For Up To 100, Add	0.98
	For >100 To 250, Add	0.47
	For >250 To 500, Add	0.21
09 97 13 23-0168	SF Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	1.61
	For Up To 100, Add	0.90
	For >100 To 250, Add	0.43
	For >250 To 500, Add	0.19
09 97 13 23-0169	SF Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats.....	1.60
	For Up To 100, Add	0.89
	For >100 To 250, Add	0.43
	For >250 To 500, Add	0.19
09 97 13 23-0170	SF Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats .....	1.35
	For Up To 100, Add	0.71
	For >100 To 250, Add	0.35
	For >250 To 500, Add	0.15
09 97 13 23-0171	SF Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	2.59
	For Up To 100, Add	1.59
	For >100 To 250, Add	0.76
	For >250 To 500, Add	0.33
09 97 13 23-0172	SF Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats .....	2.01
	For Up To 100, Add	1.20
	For >100 To 250, Add	0.58
	For >250 To 500, Add	0.25

<b>09 97 13 23-0173</b>	<b>One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks And Structural Steel</b> (09 97 13 23-0042)	
09 97 13 23-0174	SF Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.02
	For Up To 100, Add	1.25
	For >100 To 250, Add	0.60
	For >250 To 500, Add	0.26
09 97 13 23-0175	SF Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.46
	For Up To 100, Add	0.85
	For >100 To 250, Add	0.41
	For >250 To 500, Add	0.18
09 97 13 23-0176	SF Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.25
	For Up To 100, Add	0.69
	For >100 To 250, Add	0.34
	For >250 To 500, Add	0.15
09 97 13 23-0177	SF Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.11
	For Up To 100, Add	0.59
	For >100 To 250, Add	0.29
	For >250 To 500, Add	0.13
09 97 13 23-0178	SF Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.03
	For Up To 100, Add	0.53
	For >100 To 250, Add	0.26
	For >250 To 500, Add	0.11
09 97 13 23-0179	SF Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.30
	For Up To 100, Add	1.44
	For >100 To 250, Add	0.69
	For >250 To 500, Add	0.30
09 97 13 23-0180	SF Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.65
	For Up To 100, Add	1.00
	For >100 To 250, Add	0.48
	For >250 To 500, Add	0.21

<b>09 97 13 23-0181</b>	<b>Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior</b> (09 97 13 23-0042)	
09 97 13 23-0182	SF Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....	2.41
	For Up To 100, Add	1.36
	For >100 To 250, Add	0.66
	For >250 To 500, Add	0.29
09 97 13 23-0183	SF Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....	1.52
	For Up To 100, Add	0.73
	For >100 To 250, Add	0.36
	For >250 To 500, Add	0.16

<b>09 97 13 23-0184</b>	<b>One 3 Mil High Zinc Silicate Coat For Tanks And Structural Steel</b> (09 97 13 23-0042)	
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<b>Finishes</b>	<b>09</b>	<b>9</b>
Painting And Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0185 SF Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.12	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
09 97 13 23-0186 SF Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat.....	0.83	
For Up To 100, Add	0.38	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
09 97 13 23-0187 SF Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	0.79	
For Up To 100, Add	0.35	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.08	
09 97 13 23-0188 SF Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	0.73	
For Up To 100, Add	0.31	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
09 97 13 23-0189 SF Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	0.71	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
09 97 13 23-0190 SF Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat.....	1.18	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
09 97 13 23-0191 SF Spray Tank Interior One 3 Mil High Zinc Silicate Coat.....	1.11	
For Up To 100, Add	0.59	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
<b>09 97 13 23-0192 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks And Structural Steel</b> <small>(09 97 13 23-0042)</small>		
Note: Installed over existing primer.		
09 97 13 23-0193 SF Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.69	
For Up To 100, Add	0.95	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
09 97 13 23-0194 SF Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.40	
For Up To 100, Add	0.76	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
09 97 13 23-0195 SF Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.23	
For Up To 100, Add	0.63	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
09 97 13 23-0196 SF Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.17	
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
09 97 13 23-0197 SF Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.05	
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
09 97 13 23-0198 SF Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.96	
For Up To 100, Add	1.14	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
09 97 13 23-0199 SF Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats.....	1.59	
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
<b>09 97 13 23-0200 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks</b> <small>(09 97 13 23-0042)</small>		
09 97 13 23-0201 SF Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat.....	4.12	
For Up To 100, Add	2.52	
For >100 To 250, Add	1.20	
For >250 To 500, Add	0.52	
<b>09 97 26 Cementitious Coatings</b> <small>(09 97)</small>		
<b>09 97 26 13 Interior Cementitious Coatings</b> <small>(09 97 26)</small>		
09 97 26 13-0001 Ceramic-Like Glazed Coating <small>(09 97 26 13)</small>		
09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious <small>(09 97 26 13-0001)</small>		
09 97 26 13-0003 SF Ceramic-like Glazed Coating. - Cementitious.....	1.47	
09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base <small>(09 97 26 13-0001)</small>		
09 97 26 13-0005 SF Ceramic-like Glazed Coating - Resin.....	1.21	
<b>09 97 35 Dry Erase Coatings</b> <small>(09 97)</small>		

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting And Coating</b>
	<b>09 97 Special Coatings</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 97 35 00-0001		Dry-Erase Paint <small>(09 97 35)</small>			
09 97 35 00-0002		Dry-Erase Paint (IdeaPaint™ PRO) <small>(09 97 35 00-0001)</small>			
09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller ..... Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		6.24	
09 97 35 00-0004		Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) <small>(09 97 35 00-0001)</small>			
09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller..... Note: For application over existing latex-based top coats.		3.44	
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller ..... Note: Includes two coats of primer and white or black surface coat.		6.68	
<b>09 97 63</b>		<b>Special Coatings</b> <small>(09 97)</small>			
09 97 63 00-0001		Acrylic Glazed Coating <small>(09 97 63)</small>			
09 97 63 00-0002	SF	Acrylic Glazed Coating.....		0.93	

**END OF SECTION 09**



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 10 Specialties

### 10 10 Information Specialties <sup>(10)</sup>

#### 10 11 Visual Display Units <sup>(10 10)</sup>

##### 10 11 13 Chalkboards <sup>(10 11)</sup>

##### 10 11 13 13 Fixed Chalkboards <sup>(10 11 13)</sup>

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	35.06	4.07
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	23.82	1.91
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	20.61	1.65
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	17.70	1.07
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	15.42	0.60
10 11 13 13-0008		<b>1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series)</b> <sup>(10 11 13 13-0001)</sup>		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	37.56	4.07
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	26.26	1.91
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	22.85	1.65
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	20.42	1.07
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	18.09	0.60
10 11 13 13-0014		<b>1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series)</b> <sup>(10 11 13 13-0001)</sup>		
		Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	33.52	4.07
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	22.25	1.91
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	19.10	1.65
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	16.44	1.07
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	14.01	0.60
10 11 13 13-0020		<b>Remove And Reinstall</b> <sup>(10 11 13 13)</sup>		
10 11 13 13-0021	SF	Remove And Reinstall Chalkboard .....	5.22	
10 11 13 13-0022		<b>Field Applied Chalkboard And Accessories</b> <sup>(10 11 13 13)</sup>		
10 11 13 13-0023		<b>Chalkboard Face Sheets And Panels</b> <sup>(10 11 13 13-0022)</sup>		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) .....	10.77	1.91
		Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) .....	13.55	1.91
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026		<b>Chalkboard And Markerboard Accessory Trays And Trim</b> <sup>(10 11 13 13-0022)</sup>		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied .....	11.05	2.63
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied .....	14.05	4.78
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied .....	7.12	2.63
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied .....	7.42	2.63
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	8.33	2.63
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	9.08	2.63
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	7.89	2.63
10 11 13 33		<b>Rail-Mounted Chalkboards</b> <sup>(10 11 13)</sup>		
10 11 13 33-0001		<b>Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series)</b> <sup>(10 11 13 33)</sup>		
10 11 13 33-0002		<b>Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards</b> <sup>(10 11 13 33-0001)</sup>		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	1,900.07	47.83
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	2,145.28	47.83



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0005	EA		4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,436.40	50.94
10 11 13 33-0006	EA		4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,721.30	50.94
10 11 13 33-0007	EA		4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,408.87	54.76
10 11 13 33-0008	EA		4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,636.12	54.76
10 11 13 33-0009	EA		4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,117.62	57.39
10 11 13 33-0010	EA		4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,681.75	57.39
<b>10 11 13 33-0011</b>			<b>Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0001)</small>		
10 11 13 33-0012	EA		4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,631.50	47.83
10 11 13 33-0013	EA		4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,139.42	47.83
10 11 13 33-0014	EA		4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,600.64	50.94
10 11 13 33-0015	EA		4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,066.98	50.94
10 11 13 33-0016	EA		4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,643.04	54.76
10 11 13 33-0017	EA		4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,848.55	54.76
10 11 13 33-0018	EA		4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,699.55	57.39
10 11 13 33-0019	EA		4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,385.58	57.39
<b>10 11 13 33-0020</b>			<b>Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0001)</small>		
10 11 13 33-0021	EA		4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,943.35	47.83
10 11 13 33-0022	EA		4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,358.66	47.83
10 11 13 33-0023	EA		4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,801.92	50.94
10 11 13 33-0024	EA		4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,278.66	50.94
10 11 13 33-0025	EA		4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,194.92	54.76
10 11 13 33-0026	EA		4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,413.66	54.76
10 11 13 33-0027	EA		4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,407.36	57.39
10 11 13 33-0028	EA		4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	7,166.68	57.39
<b>10 11 13 33-0029</b>			<b>Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series)</b> <small>(10 11 13 33)</small>		
<b>10 11 13 33-0030</b>			<b>One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0029)</small>		
10 11 13 33-0031	EA		8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,289.86	47.83
10 11 13 33-0032	EA		8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,536.96	47.83
10 11 13 33-0033	EA		8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,777.05	50.94
10 11 13 33-0034	EA		8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,206.04	50.94
10 11 13 33-0035	EA		8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,514.18	54.76
10 11 13 33-0036	EA		8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,910.09	54.76
<b>10 11 13 33-0037</b>			<b>Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0029)</small>		
10 11 13 33-0038	EA		8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,403.00	47.83
10 11 13 33-0039	EA		8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,786.63	47.83
10 11 13 33-0040	EA		8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,165.14	50.94
10 11 13 33-0041	EA		8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,870.98	50.94
10 11 13 33-0042	EA		8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,302.87	54.76
10 11 13 33-0043	EA		8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,943.51	54.76
<b>10 11 13 33-0044</b>			<b>Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0029)</small>		
10 11 13 33-0045	EA		8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,681.51	47.83
10 11 13 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,204.51	47.83
10 11 13 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,722.39	50.94
10 11 13 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,704.13	50.94
10 11 13 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,271.12	54.76
10 11 13 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,173.48	54.76
<b>10 11 13 33-0051</b>			<b>Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series)</b> <small>(10 11 13 33)</small>		
			Note: Excludes remotes.		
<b>10 11 13 33-0052</b>			<b>One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards</b> <small>(10 11 13 33-0051)</small>		
10 11 13 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,471.97	95.65
10 11 13 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,690.83	95.65
10 11 13 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,928.90	98.65
10 11 13 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,329.77	98.65
10 11 13 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,766.86	101.63
10 11 13 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,153.55	101.63
10 11 13 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,983.13	107.61
10 11 13 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,090.10	107.61



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 11 13 33-0061</b> Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0051)</small>		
10 11 13 33-0062 EA 10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,862.82	95.65
10 11 13 33-0063 EA 10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,152.17	95.65
10 11 13 33-0064 EA 10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,469.25	98.65
10 11 13 33-0065 EA 10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,038.36	98.65
10 11 13 33-0066 EA 10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,638.33	101.63
10 11 13 33-0067 EA 10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,198.15	101.63
10 11 13 33-0068 EA 10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,322.76	107.61
10 11 13 33-0069 EA 10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,492.29	107.61
<b>10 11 13 33-0070</b> Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0051)</small>		
10 11 13 33-0071 EA 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,468.37	95.65
10 11 13 33-0072 EA 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,198.67	95.65
10 11 13 33-0073 EA 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,579.62	98.65
10 11 13 33-0074 EA 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	17,345.64	98.65
10 11 13 33-0075 EA 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,145.04	101.63
10 11 13 33-0076 EA 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,919.56	101.63
10 11 13 33-0077 EA 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,435.58	107.61
10 11 13 33-0078 EA 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,733.83	107.61
<b>10 11 13 33-0079</b> Sliding Chalkboard And Markerboard Accessories <small>(10 11 13 33)</small>		
10 11 13 33-0080 EA One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	570.84	
10 11 13 33-0081 EA Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	978.13	
<b>10 11 16</b> <b>Markerboards</b> <small>(10 11)</small>		
<b>10 11 16 13</b> <b>Fixed Markerboards</b> <small>(10 11 16)</small>		
Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
<b>10 11 16 13-0001</b> Porcelain Enamel Steel Markerboards <small>(10 11 16 13)</small>		
<b>10 11 16 13-0002</b> 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) <small>(10 11 16 13-0001)</small>		
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003 SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	35.22	4.07
10 11 16 13-0004 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	24.37	1.91
10 11 16 13-0005 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	20.61	1.65
10 11 16 13-0006 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	17.90	1.07
10 11 16 13-0007 SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	15.20	0.60
<b>10 11 16 13-0008</b> 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) <small>(10 11 16 13-0001)</small>		
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009 SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	37.59	4.07
10 11 16 13-0010 SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	25.08	1.91
10 11 16 13-0011 SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	21.67	1.65
10 11 16 13-0012 SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	19.24	1.07
10 11 16 13-0013 SF >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	17.39	0.60
<b>10 11 16 13-0014</b> 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) <small>(10 11 16 13-0001)</small>		
Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015 SF Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	33.50	4.07
10 11 16 13-0016 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	22.26	1.91
10 11 16 13-0017 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	20.25	1.65
10 11 16 13-0018 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	16.56	1.07
10 11 16 13-0019 SF >24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	13.75	0.60
<b>10 11 16 13-0020</b> Melamine Markerboards <small>(10 11 16 13)</small>		
<b>10 11 16 13-0021</b> 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) <small>(10 11 16 13-0020)</small>		
Note: Includes full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022 SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	26.24	4.07
10 11 16 13-0023 SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	17.25	1.91
10 11 16 13-0024 SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	14.99	1.65
10 11 16 13-0025 SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	11.60	1.07
10 11 16 13-0026 SF >24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	9.97	0.60

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 11</b>	<b>Visual Display Units</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 11 16 13-0027		<b>1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) <sup>(10)</sup></b> <small><sup>11 16 13-0020</sup></small> Note: Includes marker tray and mounting hardware.			
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	25.44		4.07
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	16.88		1.91
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	14.46		1.65
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	10.65		1.07
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	9.10		0.60
10 11 16 13-0033		<b>Nonporous, Non-Staining Markerboards <sup>(10 11 16 13)</sup></b>			
10 11 16 13-0034		<b>5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <sup>(10 11 16 13-0033)</sup></b> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	25.87		4.07
		<i>For Magnetic Surface, Add</i>	1.77		
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	17.32		1.91
		<i>For Magnetic Surface, Add</i>	1.35		
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	14.94		1.65
		<i>For Magnetic Surface, Add</i>	1.16		
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	13.33		1.07
		<i>For Magnetic Surface, Add</i>	1.12		
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	11.62		0.60
		<i>For Magnetic Surface, Add</i>	1.04		
10 11 16 13-0040		<b>1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <sup>(10 11 16 13-0033)</sup></b> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	25.87		4.07
		<i>For Magnetic Surface, Add</i>	1.77		
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	17.32		1.91
		<i>For Magnetic Surface, Add</i>	1.35		
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	14.94		1.65
		<i>For Magnetic Surface, Add</i>	1.16		
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	13.33		1.07
		<i>For Magnetic Surface, Add</i>	1.12		
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	11.62		0.60
		<i>For Magnetic Surface, Add</i>	1.04		
10 11 16 13-0046		<b>1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <sup>(10 11 16 13-0033)</sup></b> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard .....	47.85		4.07
		<i>For Magnetic Surface, Add</i>	3.97		
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard .....	30.52		1.91
		<i>For Magnetic Surface, Add</i>	2.67		
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard .....	25.79		1.65
		<i>For Magnetic Surface, Add</i>	2.25		
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard .....	21.91		1.07
		<i>For Magnetic Surface, Add</i>	1.98		
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard .....	17.10		0.60
		<i>For Magnetic Surface, Add</i>	1.59		
10 11 16 13-0052		<b>Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) <sup>(10 11 16 13-0033)</sup></b> Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.			
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	11.69		1.65
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	10.10		1.07
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	8.60		0.60
10 11 16 13-0056		<b>Remove And Reinstall Markerboard <sup>(10 11 16 13)</sup></b>			
10 11 16 13-0057	EA	Up To 6 SF, Remove And Reinstall Markerboard .....	28.70		
10 11 16 13-0058	EA	>6 To 12 SF, Remove And Reinstall Markerboard .....	33.48		
10 11 16 13-0059	EA	>12 To 16 SF, Remove And Reinstall Markerboard .....	38.27		
10 11 16 13-0060	EA	>16 To 24 SF, Remove And Reinstall Markerboard .....	43.05		
10 11 16 13-0061	EA	>24 SF, Remove And Reinstall Markerboard.....	47.83		





<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 11 16 13-0062</b> Field Applied Markerboard And Accessories <small>(10 11 16 13)</small>		
<b>10 11 16 13-0063</b> Markerboard Face Sheets And Panels <small>(10 11 16 13-0062)</small>		
10 11 16 13-0064 SF Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) ..... 10.55	10.55	1.91
10 11 16 13-0065 SF Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) ..... 13.04	13.04	1.91
10 11 16 13-0066 SF Porcelain Enamel Steel Markerboard Panel (Claridge LCS)..... 12.98	12.98	1.91
10 11 16 13-0067 SF Melamine Markerboard Panel (Claridge 1032) ..... 6.03	6.03	1.91
<b>10 11 16 13-0068</b> Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 16 13-0062)</small> See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
<b>10 11 16 33</b> Rail-Mounted Markerboards <small>(10 11 16)</small>		
<b>10 11 16 33-0001</b> Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) <small>(10 11 16 33)</small>		
<b>10 11 16 33-0002</b> Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0003 EA 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 1,876.03	1,876.03	47.83
10 11 16 33-0004 EA 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 2,113.23	2,113.23	47.83
10 11 16 33-0005 EA 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 2,396.33	2,396.33	50.94
10 11 16 33-0006 EA 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 2,673.21	2,673.21	50.94
10 11 16 33-0007 EA 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,352.77	3,352.77	54.76
10 11 16 33-0008 EA 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,572.01	3,572.01	54.76
10 11 16 33-0009 EA 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,037.49	4,037.49	57.39
10 11 16 33-0010 EA 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,585.59	4,585.59	57.39
<b>10 11 16 33-0011</b> Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0012 EA 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 2,607.46	2,607.46	47.83
10 11 16 33-0013 EA 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,107.37	3,107.37	47.83
10 11 16 33-0014 EA 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,560.57	3,560.57	50.94
10 11 16 33-0015 EA 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,018.89	4,018.89	50.94
10 11 16 33-0016 EA 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,586.94	4,586.94	54.76
10 11 16 33-0017 EA 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,784.45	4,784.45	54.76
10 11 16 33-0018 EA 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 5,619.41	5,619.41	57.39
10 11 16 33-0019 EA 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 6,289.42	6,289.42	57.39
<b>10 11 16 33-0020</b> Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0021 EA 4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 2,919.31	2,919.31	47.83
10 11 16 33-0022 EA 4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,326.61	3,326.61	47.83
10 11 16 33-0023 EA 4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 3,761.85	3,761.85	50.94
10 11 16 33-0024 EA 4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 4,230.57	4,230.57	50.94
10 11 16 33-0025 EA 4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 5,138.82	5,138.82	54.76
10 11 16 33-0026 EA 4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 5,349.55	5,349.55	54.76
10 11 16 33-0027 EA 4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 6,327.22	6,327.22	57.39
10 11 16 33-0028 EA 4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard..... 7,094.56	7,094.56	57.39
<b>10 11 16 33-0029</b> Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) <small>(10 11 16 33)</small>		
<b>10 11 16 33-0030</b> One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>		
10 11 16 33-0031 EA 8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 2,257.81	2,257.81	47.83
10 11 16 33-0032 EA 8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 2,496.89	2,496.89	47.83
10 11 16 33-0033 EA 8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 2,728.97	2,728.97	50.94
10 11 16 33-0034 EA 8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 3,141.93	3,141.93	50.94
10 11 16 33-0035 EA 8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 3,434.04	3,434.04	54.76
10 11 16 33-0036 EA 8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 3,813.93	3,813.93	54.76
<b>10 11 16 33-0037</b> Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>		
10 11 16 33-0038 EA 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 3,338.89	3,338.89	47.83
10 11 16 33-0039 EA 8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 3,706.49	3,706.49	47.83
10 11 16 33-0040 EA 8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 4,068.98	4,068.98	50.94
10 11 16 33-0041 EA 8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 4,742.77	4,742.77	50.94
10 11 16 33-0042 EA 8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 5,142.60	5,142.60	54.76
10 11 16 33-0043 EA 8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard..... 5,751.18	5,751.18	54.76

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

10 11 16 33-0044		<b>Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards</b> (10 11 16 33-0029)		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	4,585.35	47.83
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	5,084.31	47.83
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	5,578.15	50.94
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	6,511.81	50.94
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	7,030.71	54.76
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	7,884.99	54.76
10 11 16 33-0051		<b>Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series)</b> (10 11 16 33)		
		Note: Excludes remotes.		
10 11 16 33-0052		<b>One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> (10 11 16 33-0051)		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,431.90	95.65
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,640.75	95.65
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,868.80	98.65
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,249.63	98.65
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,666.69	101.63
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,033.35	101.63
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,842.89	107.61
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,929.83	107.61
10 11 16 33-0061		<b>Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> (10 11 16 33-0051)		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,782.68	95.65
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,052.01	95.65
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,349.05	98.65
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,898.09	98.65
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,437.99	101.63
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,957.75	101.63
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,042.28	107.61
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,171.75	107.61
10 11 16 33-0070		<b>Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> (10 11 16 33-0051)		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	15,348.17	95.65
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	16,048.41	95.65
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	16,399.31	98.65
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	17,105.23	98.65
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	17,844.53	101.63
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	18,558.95	101.63
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	20,014.87	107.61
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard .....	20,253.01	107.61
10 11 16 33-0079		<b>Sliding Chalkboard And Markerboard Accessories</b> (10 11 16 33)		
		See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23		<b>Tackboards</b> (10 11)		
10 11 23 13		<b>Fixed Tackboards</b> (10 11 23)		
		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001		<b>Fixed Tackboards</b> (10 11 23 13)		
		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002		<b>Cork Surface, Fixed Tackboards</b> (10 11 23 13-0001)		
		Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003		<b>5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series)</b> (10 11 23 13-0002)		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	20.81	4.07
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	12.64	1.91
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard .....	10.98	1.65
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard .....	9.24	1.07
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard .....	8.10	0.60
10 11 23 13-0009		<b>1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series)</b> (10 11 23 13-0002)		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	22.31	4.07
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	13.33	1.91
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.62	1.65
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	8.69	1.07



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0014 SF >24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	7.24	0.60
<b>10 11 23 13-0015 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) (10 11 23 13-0002)</b>		
10 11 23 13-0016 SF Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	22.46	4.07
10 11 23 13-0017 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	14.79	1.91
10 11 23 13-0018 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	13.93	1.65
10 11 23 13-0019 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	11.09	1.07
10 11 23 13-0020 SF >24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	9.25	0.60
<b>10 11 23 13-0021 Burlap Backed Cork Surface, Fixed Tackboards (10 11 23 13-0001)</b>		
Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
<b>10 11 23 13-0022 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) (10 11 23 13-0021)</b>		
10 11 23 13-0023 SF Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	25.14	4.07
10 11 23 13-0024 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	17.84	1.91
10 11 23 13-0025 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	16.47	1.65
10 11 23 13-0026 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	14.75	1.07
10 11 23 13-0027 SF >24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	13.71	0.60
<b>10 11 23 13-0028 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) (10 11 23 13-0021)</b>		
10 11 23 13-0029 SF Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	28.76	4.07
10 11 23 13-0030 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	21.71	1.91
10 11 23 13-0031 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	20.37	1.65
10 11 23 13-0032 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	17.59	1.07
10 11 23 13-0033 SF >24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	15.78	0.60
<b>10 11 23 13-0034 Polyester Fabric Surface, Fixed Tackboards (10 11 23 13-0001)</b>		
Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
<b>10 11 23 13-0035 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) (10 11 23 13-0034)</b>		
10 11 23 13-0036 SF Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	21.83	4.07
10 11 23 13-0037 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	13.90	1.91
10 11 23 13-0038 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	12.40	1.65
10 11 23 13-0039 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	10.69	1.07
10 11 23 13-0040 SF >24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	9.40	0.60
<b>10 11 23 13-0041 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) (10 11 23 13-0034)</b>		
10 11 23 13-0042 SF Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	23.88	4.07
10 11 23 13-0043 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	16.56	1.91
10 11 23 13-0044 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	15.58	1.65
10 11 23 13-0045 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	12.90	1.07
10 11 23 13-0046 SF >24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	11.14	0.60
<b>10 11 23 13-0047 Vinyl Fabric Surface, Fixed Tackboards (10 11 23 13-0001)</b>		
Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
<b>10 11 23 13-0048 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) (10 11 23 13-0047)</b>		
10 11 23 13-0049 SF Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	20.81	4.07
10 11 23 13-0050 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	12.72	1.91
10 11 23 13-0051 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	11.10	1.65
10 11 23 13-0052 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	9.24	1.07
10 11 23 13-0053 SF >24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	7.92	0.60
<b>10 11 23 13-0054 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) (10 11 23 13-0047)</b>		
10 11 23 13-0055 SF Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	22.46	4.07
10 11 23 13-0056 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	15.52	1.91
10 11 23 13-0057 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	13.93	1.65
10 11 23 13-0058 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	11.09	1.07
10 11 23 13-0059 SF 4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	9.25	0.60

**10 13 Directories (10 10)**

**10 13 16 Directory And Bulletin Boards (10 13)**

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 13</b>	<b>Directories</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 13 16 00-0001		<b>Wall Mounted Directories</b> <small>(10 13 16)</small> Note: Includes changeable letters.			
10 13 16 00-0002		<b>Open Face, Wall Mounted Directories</b> <small>(10 13 16 00-0001)</small> Note: Includes vinyl or felt back panel.			
10 13 16 00-0003		<b>Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series)</b> <small>(10 13 16 00-0002)</small>			
10 13 16 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory .....	39.95		4.07
10 13 16 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory.....	27.68		1.91
10 13 16 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	25.35		1.65
10 13 16 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	19.75		1.07
10 13 16 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	16.31		0.60
10 13 16 00-0009		<b>Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series)</b> <small>(10 13 16 00-0002)</small>			
10 13 16 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	40.42		4.07
		<i>For Bronze Anodize Finish, Add</i>	12.00		
10 13 16 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	28.00		1.91
		<i>For Bronze Anodize Finish, Add</i>	12.00		
10 13 16 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	25.98		1.65
		<i>For Bronze Anodize Finish, Add</i>	12.00		
10 13 16 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	18.73		1.07
		<i>For Bronze Anodize Finish, Add</i>	12.00		
10 13 16 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	16.78		0.60
		<i>For Bronze Anodize Finish, Add</i>	12.00		
10 13 16 00-0015		<b>Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 16 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.			
10 13 16 00-0016		<b>Wood Frame, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 16 00-0015)</small>			
10 13 16 00-0017		<b>Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series)</b> <small>(10 13 16 00-0016)</small>			
10 13 16 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet .....	110.98		4.07
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	91.78		1.91
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	76.77		1.65
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	72.04		1.07
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	65.92		0.60
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0023		<b>Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series)</b> <small>(10 13 16 00-0016)</small>			
10 13 16 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	94.28		4.07
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	79.40		1.65
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	57.16		1.07
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	52.22		0.60
		<i>For Fluorescent Lights, Add</i>	15.00		
10 13 16 00-0028		<b>Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 16 00-0015)</small>			
10 13 16 00-0029		<b>Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series)</b> <small>(10 13 16 00-0028)</small>			
10 13 16 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet .....	98.46		4.07
		<i>For Fluorescent Lights, Add</i>	15.00		
		<i>For Bronze Anodize Finish, Add</i>	12.00		
		<i>For Header Panel, Add</i>	18.07		
10 13 16 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet .....	78.80		1.91
		<i>For Fluorescent Lights, Add</i>	15.00		
		<i>For Bronze Anodize Finish, Add</i>	12.00		
		<i>For Header Panel, Add</i>	15.00		
10 13 16 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet .....	66.63		1.65
		<i>For Fluorescent Lights, Add</i>	15.00		
		<i>For Bronze Anodize Finish, Add</i>	12.00		
		<i>For Header Panel, Add</i>	12.67		
10 13 16 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet .....	49.25		1.07
		<i>For Fluorescent Lights, Add</i>	15.00		
		<i>For Bronze Anodize Finish, Add</i>	12.00		
		<i>For Header Panel, Add</i>	9.42		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Directories	10 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0034 SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	46.79 15.00 12.00 9.12	0.60
<b>10 13 16 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) (10 13 16 00-0028)</b>		
10 13 16 00-0036 SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	156.27 15.00 12.00 29.63	4.07
10 13 16 00-0037 SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	91.72 15.00 12.00 17.58	1.91
10 13 16 00-0038 SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	77.20 15.00 12.00 14.78	1.65
10 13 16 00-0039 SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	59.92 15.00 12.00 11.55	1.07
10 13 16 00-0040 SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	56.24 15.00 12.00 11.01	0.60
10 13 16 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets (10 13 16 00-0001) Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (10 13 16 00-0041)		
10 13 16 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) (10 13 16 00-0042)		
10 13 16 00-0044 SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	153.35 15.00 12.00	4.07
10 13 16 00-0045 SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	104.08 15.00 12.00	1.91
10 13 16 00-0046 SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	101.58 15.00 12.00	1.65
10 13 16 00-0047 Wall Mounted Bulletin Boards (10 13 16)		
10 13 16 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets (10 13 16 00-0047) Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (10 13 16 00-0048)		
10 13 16 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) (10 13 16 00-0049)		
10 13 16 00-0051 SF Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i>	108.14 15.00	4.07
10 13 16 00-0052 SF >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	89.66 15.00	1.91
10 13 16 00-0053 SF >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	74.65 15.00	1.65
10 13 16 00-0054 SF >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	70.03 15.00	1.07
10 13 16 00-0055 SF >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	64.98 15.00	0.60
10 13 16 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) (10 13 16 00-0049)		
10 13 16 00-0057 SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	89.24 15.00	4.07
10 13 16 00-0058 SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i>	74.62 15.00	1.65
10 13 16 00-0059 SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i>	53.46 15.00	1.07
10 13 16 00-0060 SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	49.39 15.00	0.60

<b>10</b>	<b>10 Specialties</b>
	<b>10 10 Information Specialties</b>
	<b>10 13 Directories</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <sup>(10 13 16 00-0048)</sup>		
10 13 16 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <sup>(10 13 16 00-0061)</sup>		
10 13 16 00-0063 SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	101.05	4.07
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	18.58	
10 13 16 00-0064 SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	81.39	1.91
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	15.51	
10 13 16 00-0065 SF >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	69.21	1.65
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	13.18	
10 13 16 00-0066 SF >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	51.84	1.07
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	9.94	
10 13 16 00-0067 SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	49.39	0.60
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	9.64	
10 13 16 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <sup>(10 13 16 00-0061)</sup>		
10 13 16 00-0069 SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	158.86	4.07
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	30.15	
10 13 16 00-0070 SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	94.30	1.91
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	18.10	
10 13 16 00-0071 SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	79.79	1.65
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	15.30	
10 13 16 00-0072 SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	62.51	1.07
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	12.07	
10 13 16 00-0073 SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	58.83	0.60
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	11.53	
10 13 16 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <sup>(10 13 16 00-0047)</sup>		
Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <sup>(10 13 16 00-0074)</sup>		
10 13 16 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <sup>(10 13 16 00-0075)</sup>		
10 13 16 00-0077 SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	150.76	4.07
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 13 16 00-0078 SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	101.49	1.91
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 13 16 00-0079 SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	99.02	1.65
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 14 Signage <sup>(10 10)</sup>		
10 14 16 Plaques <sup>(10 14)</sup>		
Note: Price includes custom lettering and emblem casting sizes one to four SF each.		
10 14 16 00-0001 Metal Cased Plaque <sup>(10 14 16)</sup>		
10 14 16 00-0002 SF Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each.....	490.03	11.94
For >5 To 10, Deduct	-53.43	
For >10 Each, Deduct	-97.65	
10 14 16 00-0003 SF Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each.....	287.65	11.94
For >5 To 10, Deduct	-31.16	
For >10 Each, Deduct	-55.15	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 14 16 00-0004 Metal Engraved Plaque, Etched</b> <small>(10 14 16)</small>		
10 14 16 00-0005 SF Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each .....	320.31	11.94
For >5 To 10, Deduct	-34.76	
For >10 Each, Deduct	-62.01	
10 14 16 00-0006 SF Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each .....	295.53	11.94
For >5 To 10, Deduct	-32.03	
For >10 Each, Deduct	-56.80	
10 14 16 00-0007 SF Brass Engraved Plaque Including Emblem Size 1-4 SF Each .....	188.56	11.94
For >5 To 10, Deduct	-20.26	
For >10 Each, Deduct	-34.34	
10 14 16 00-0008 SF Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each .....	180.68	11.94
For >5 To 10, Deduct	-19.40	
For >10 Each, Deduct	-32.68	
<b>10 14 16 00-0009 Metal Built-Up Plaque</b> <small>(10 14 16)</small>		
10 14 16 00-0010 SF Bronze Built-up Plaque Including Emblem Size 1-4 SF Each .....	343.67	14.82
For >5 To 10, Deduct	-37.21	
For >10 Each, Deduct	-65.60	
10 14 16 00-0011 SF Copper And Bronze Built-up Plaque Including Emblem Size 1-4 SF Each .....	352.27	14.82
For >5 To 10, Deduct	-38.15	
For >10 Each, Deduct	-67.40	
10 14 16 00-0012 SF Copper And Aluminum Built-up Plaque Including Emblem Size 1-4 SF Each .....	315.37	14.82
For >5 To 10, Deduct	-34.09	
For >10 Each, Deduct	-59.66	
10 14 16 00-0013 SF Bronze Built-up Dedication Plaque Including Raised Bronze Lettering, (2'-3" x 3'-8-1/4") .....	411.11	29.87
For >5 To 10, Deduct	-44.62	
For >10 Each, Deduct	-79.76	
10 14 16 00-0014 SF Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9") .....	339.41	29.87
For >5 To 10, Deduct	-36.74	
For >10 Each, Deduct	-64.70	
<b>10 14 16 00-0015 Metal Nameplate Plaques</b> <small>(10 14 16)</small>		
10 14 16 00-0016 SF Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each .....	175.27	8.13
For >5 To 10, Deduct	-18.96	
For >10 Each, Deduct	-33.30	
10 14 16 00-0017 SF Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each .....	228.94	8.13
For >5 To 10, Deduct	-24.86	
For >10 Each, Deduct	-44.57	
10 14 16 00-0018 EA 1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each .....	117.92	8.13
For >5 To 10, Deduct	-12.65	
For >10 Each, Deduct	-21.26	
10 14 16 00-0019 EA 1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each .....	99.44	8.13
For >5 To 10, Deduct	-10.62	
For >10 Each, Deduct	-17.38	
10 14 16 00-0020 SF Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9") .....	329.16	29.87
For >5 To 10, Deduct	-35.61	
For >10 Each, Deduct	-62.55	
<b>10 14 19 Dimensional Letter Signage</b> <small>(10 14)</small>		
Note: Mounted on masonry or concrete.		
<b>10 14 19 00-0001 Cast Characters</b> <small>(10 14 19)</small>		
<b>10 14 19 00-0002 Satin Finish, Cast Aluminum Characters</b> <small>(10 14 19 00-0001)</small>		
10 14 19 00-0003 EA 2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	27.80	2.99
For Installation With Adhesive, Deduct	-2.58	
For Clear Anodized, Add	1.59	
For Satin Face And Enameled Return, Add	4.76	
For Patina Finish, Add	6.34	
For Color Anodized, Add	7.93	
10 14 19 00-0004 EA 3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	33.64	3.22
For Installation With Adhesive, Deduct	-2.97	
For Clear Anodized, Add	2.07	
For Satin Face And Enameled Return, Add	6.22	
For Patina Finish, Add	8.29	
For Color Anodized, Add	10.37	
10 14 19 00-0005 EA 4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	37.03	3.47
For Installation With Adhesive, Deduct	-3.24	
For Clear Anodized, Add	2.32	
For Satin Face And Enameled Return, Add	6.95	
For Patina Finish, Add	9.27	
For Color Anodized, Add	11.59	
10 14 19 00-0006 EA 5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	42.60	3.97
For Installation With Adhesive, Deduct	-3.71	
For Clear Anodized, Add	2.68	
For Satin Face And Enameled Return, Add	8.05	
For Patina Finish, Add	10.73	
For Color Anodized, Add	13.42	

**10 Specialties****10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0007	EA		6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	47.22	4.18
			<i>For Installation With Adhesive, Deduct</i>	-4.03	
			<i>For Clear Anodized, Add</i>	3.05	
			<i>For Satin Face And Enameled Return, Add</i>	9.15	
			<i>For Patina Finish, Add</i>	12.20	
			<i>For Color Anodized, Add</i>	15.25	
10 14 19 00-0008	EA		8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	56.93	4.78
			<i>For Installation With Adhesive, Deduct</i>	-4.76	
			<i>For Clear Anodized, Add</i>	3.78	
			<i>For Satin Face And Enameled Return, Add</i>	11.34	
			<i>For Patina Finish, Add</i>	15.12	
			<i>For Color Anodized, Add</i>	18.91	
10 14 19 00-0009	EA		9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	63.98	5.02
			<i>For Installation With Adhesive, Deduct</i>	-5.21	
			<i>For Clear Anodized, Add</i>	4.39	
			<i>For Satin Face And Enameled Return, Add</i>	13.17	
			<i>For Patina Finish, Add</i>	17.56	
			<i>For Color Anodized, Add</i>	21.96	
10 14 19 00-0010	EA		10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	73.95	5.38
			<i>For Installation With Adhesive, Deduct</i>	-5.85	
			<i>For Clear Anodized, Add</i>	5.25	
			<i>For Satin Face And Enameled Return, Add</i>	15.74	
			<i>For Patina Finish, Add</i>	20.98	
			<i>For Color Anodized, Add</i>	26.23	
10 14 19 00-0011	EA		12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	90.71	6.21
			<i>For Installation With Adhesive, Deduct</i>	-7.02	
			<i>For Clear Anodized, Add</i>	6.59	
			<i>For Satin Face And Enameled Return, Add</i>	19.76	
			<i>For Patina Finish, Add</i>	26.34	
			<i>For Color Anodized, Add</i>	32.93	
10 14 19 00-0012	EA		14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	109.18	7.17
			<i>For Installation With Adhesive, Deduct</i>	-8.33	
			<i>For Clear Anodized, Add</i>	8.05	
			<i>For Satin Face And Enameled Return, Add</i>	24.15	
			<i>For Patina Finish, Add</i>	32.20	
			<i>For Color Anodized, Add</i>	40.25	
10 14 19 00-0013	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	119.70	7.96
			<i>For Installation With Adhesive, Deduct</i>	-9.17	
			<i>For Clear Anodized, Add</i>	8.78	
			<i>For Satin Face And Enameled Return, Add</i>	26.35	
			<i>For Patina Finish, Add</i>	35.13	
			<i>For Color Anodized, Add</i>	43.91	
10 14 19 00-0014	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	134.42	8.60
			<i>For Installation With Adhesive, Deduct</i>	-10.16	
			<i>For Clear Anodized, Add</i>	10.00	
			<i>For Satin Face And Enameled Return, Add</i>	30.00	
			<i>For Patina Finish, Add</i>	40.00	
			<i>For Color Anodized, Add</i>	50.01	
10 14 19 00-0015	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	165.09	9.56
			<i>For Installation With Adhesive, Deduct</i>	-12.08	
			<i>For Clear Anodized, Add</i>	12.69	
			<i>For Satin Face And Enameled Return, Add</i>	38.06	
			<i>For Patina Finish, Add</i>	50.74	
			<i>For Color Anodized, Add</i>	63.43	
10 14 19 00-0016	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	201.58	10.75
			<i>For Installation With Adhesive, Deduct</i>	-14.38	
			<i>For Clear Anodized, Add</i>	15.86	
			<i>For Satin Face And Enameled Return, Add</i>	47.57	
			<i>For Patina Finish, Add</i>	63.42	
			<i>For Color Anodized, Add</i>	79.28	
10 14 19 00-0017	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	245.39	11.94
			<i>For Installation With Adhesive, Deduct</i>	-17.05	
			<i>For Clear Anodized, Add</i>	19.76	
			<i>For Satin Face And Enameled Return, Add</i>	59.28	
			<i>For Patina Finish, Add</i>	79.04	
			<i>For Color Anodized, Add</i>	98.80	
10 14 19 00-0018			<b>Satin Finish, Cast Bronze Characters</b> <small>(10 14 19 00-0001)</small>		
10 14 19 00-0019	EA		2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	36.96	3.28
			<i>For Installation With Adhesive, Deduct</i>	-3.16	
			<i>For Oxidized Finish, Add</i>	3.57	
			<i>For Polished Or Patina Finish, Add</i>	7.14	
10 14 19 00-0020	EA		3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	56.30	3.59
			<i>For Installation With Adhesive, Deduct</i>	-4.25	
			<i>For Oxidized Finish, Add</i>	6.29	
			<i>For Polished Or Patina Finish, Add</i>	12.59	
10 14 19 00-0021	EA		4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	61.78	3.82
			<i>For Installation With Adhesive, Deduct</i>	-4.62	
			<i>For Oxidized Finish, Add</i>	6.97	
			<i>For Polished Or Patina Finish, Add</i>	13.95	
10 14 19 00-0022	EA		5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	76.18	4.30
			<i>For Installation With Adhesive, Deduct</i>	-5.53	
			<i>For Oxidized Finish, Add</i>	8.85	
			<i>For Polished Or Patina Finish, Add</i>	17.69	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0023	EA		6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	85.31	4.59
			<i>For Installation With Adhesive, Deduct</i>	-6.11	
			<i>For Oxidized Finish, Add</i>	10.04	
			<i>For Polished Or Patina Finish, Add</i>	20.07	
10 14 19 00-0024	EA		8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	116.29	5.26
			<i>For Installation With Adhesive, Deduct</i>	-7.92	
			<i>For Oxidized Finish, Add</i>	14.29	
			<i>For Polished Or Patina Finish, Add</i>	28.58	
10 14 19 00-0025	EA		9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	134.26	5.50
			<i>For Installation With Adhesive, Deduct</i>	-8.91	
			<i>For Oxidized Finish, Add</i>	16.84	
			<i>For Polished Or Patina Finish, Add</i>	33.68	
10 14 19 00-0026	EA		10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	150.91	5.97
			<i>For Installation With Adhesive, Deduct</i>	-9.94	
			<i>For Oxidized Finish, Add</i>	19.05	
			<i>For Polished Or Patina Finish, Add</i>	38.10	
10 14 19 00-0027	EA		12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	179.68	6.93
			<i>For Installation With Adhesive, Deduct</i>	-11.76	
			<i>For Oxidized Finish, Add</i>	22.79	
			<i>For Polished Or Patina Finish, Add</i>	45.59	
10 14 19 00-0028	EA		14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	211.86	7.88
			<i>For Installation With Adhesive, Deduct</i>	-13.75	
			<i>For Oxidized Finish, Add</i>	27.05	
			<i>For Polished Or Patina Finish, Add</i>	54.09	
10 14 19 00-0029	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	250.30	9.56
			<i>For Installation With Adhesive, Deduct</i>	-16.34	
			<i>For Oxidized Finish, Add</i>	31.81	
			<i>For Polished Or Patina Finish, Add</i>	63.62	
10 14 19 00-0030	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	258.83	10.28
			<i>For Installation With Adhesive, Deduct</i>	-17.05	
			<i>For Oxidized Finish, Add</i>	32.66	
			<i>For Polished Or Patina Finish, Add</i>	65.32	
10 14 19 00-0031	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	375.53	11.94
			<i>For Installation With Adhesive, Deduct</i>	-23.56	
			<i>For Oxidized Finish, Add</i>	49.16	
			<i>For Polished Or Patina Finish, Add</i>	98.32	
10 14 19 00-0032	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	455.21	13.44
			<i>For Installation With Adhesive, Deduct</i>	-28.14	
			<i>For Oxidized Finish, Add</i>	60.22	
			<i>For Polished Or Patina Finish, Add</i>	120.43	
10 14 19 00-0033	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	583.77	15.53
			<i>For Installation With Adhesive, Deduct</i>	-35.40	
			<i>For Oxidized Finish, Add</i>	78.25	
			<i>For Polished Or Patina Finish, Add</i>	156.49	
10 14 19 00-0034			<b>Molded Characters</b> <small>(10 14 19)</small>		
10 14 19 00-0035			<b>Molded Plastic Characters</b> <small>(10 14 19 00-0034)</small>		
10 14 19 00-0036	EA		4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	19.19	2.38
			<i>For Installation With Adhesive, Deduct</i>	-1.92	
10 14 19 00-0037	EA		5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	20.72	2.63
			<i>For Installation With Adhesive, Deduct</i>	-2.09	
10 14 19 00-0038	EA		6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	22.94	2.87
			<i>For Installation With Adhesive, Deduct</i>	-2.29	
10 14 19 00-0039	EA		8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	30.05	3.10
			<i>For Installation With Adhesive, Deduct</i>	-2.75	
10 14 19 00-0040	EA		9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	32.48	3.35
			<i>For Installation With Adhesive, Deduct</i>	-2.96	
10 14 19 00-0041	EA		10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	35.23	3.59
			<i>For Installation With Adhesive, Deduct</i>	-3.20	
10 14 19 00-0042	EA		12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	41.05	4.18
			<i>For Installation With Adhesive, Deduct</i>	-3.73	
10 14 19 00-0043	EA		15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	54.39	5.26
			<i>For Installation With Adhesive, Deduct</i>	-4.82	
10 14 19 00-0044	EA		18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	69.82	6.21
			<i>For Installation With Adhesive, Deduct</i>	-5.98	
10 14 19 00-0045	EA		24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	105.22	7.65
			<i>For Installation With Adhesive, Deduct</i>	-8.32	
10 14 19 00-0046	EA		30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	159.07	8.96
			<i>For Installation With Adhesive, Deduct</i>	-11.54	
10 14 19 00-0047	EA		36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	210.58	10.28
			<i>For Installation With Adhesive, Deduct</i>	-14.64	
10 14 19 00-0048	EA		48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	400.36	13.74
			<i>For Installation With Adhesive, Deduct</i>	-25.52	
10 14 19 00-0049			<b>Cutout Characters</b> <small>(10 14 19)</small>		
10 14 19 00-0050			<b>Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0049)</small>		
10 14 19 00-0051			<b>1/4" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0050)</small>		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0052	EA		2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	25.36	2.99
			<i>For Installation With Adhesive, Deduct</i>	-2.46	
			<i>For Clear Anodized, Add</i>	1.34	
			<i>For Satin Face And Enameled Return, Add</i>	4.70	
			<i>For Color Anodized, Add</i>	6.71	
			<i>For Polished Or Patina Finish, Add</i>	6.71	
			<i>For Polished Anodized Finish, Add</i>	10.07	
10 14 19 00-0053	EA		4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	37.03	3.47
			<i>For Installation With Adhesive, Deduct</i>	-3.24	
			<i>For Clear Anodized, Add</i>	2.32	
			<i>For Satin Face And Enameled Return, Add</i>	8.11	
			<i>For Color Anodized, Add</i>	11.59	
			<i>For Polished Or Patina Finish, Add</i>	11.59	
			<i>For Polished Anodized Finish, Add</i>	17.38	
10 14 19 00-0054	EA		6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	50.88	4.18
			<i>For Installation With Adhesive, Deduct</i>	-4.22	
			<i>For Clear Anodized, Add</i>	3.42	
			<i>For Satin Face And Enameled Return, Add</i>	11.95	
			<i>For Color Anodized, Add</i>	17.08	
			<i>For Polished Or Patina Finish, Add</i>	17.08	
			<i>For Polished Anodized Finish, Add</i>	25.61	
10 14 19 00-0055	EA		8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	63.03	4.78
			<i>For Installation With Adhesive, Deduct</i>	-5.06	
			<i>For Clear Anodized, Add</i>	4.39	
			<i>For Satin Face And Enameled Return, Add</i>	15.37	
			<i>For Color Anodized, Add</i>	21.96	
			<i>For Polished Or Patina Finish, Add</i>	21.96	
			<i>For Polished Anodized Finish, Add</i>	32.93	
10 14 19 00-0056	EA		10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	72.73	5.38
			<i>For Installation With Adhesive, Deduct</i>	-5.79	
			<i>For Clear Anodized, Add</i>	5.12	
			<i>For Satin Face And Enameled Return, Add</i>	17.93	
			<i>For Color Anodized, Add</i>	25.62	
			<i>For Polished Or Patina Finish, Add</i>	25.62	
			<i>For Polished Anodized Finish, Add</i>	38.42	
10 14 19 00-0057	EA		12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	83.39	6.21
			<i>For Installation With Adhesive, Deduct</i>	-6.65	
			<i>For Clear Anodized, Add</i>	5.85	
			<i>For Satin Face And Enameled Return, Add</i>	20.49	
			<i>For Color Anodized, Add</i>	29.27	
			<i>For Polished Or Patina Finish, Add</i>	29.27	
			<i>For Polished Anodized Finish, Add</i>	43.91	
10 14 19 00-0058	EA		14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	98.20	7.17
			<i>For Installation With Adhesive, Deduct</i>	-7.78	
			<i>For Clear Anodized, Add</i>	6.95	
			<i>For Satin Face And Enameled Return, Add</i>	24.33	
			<i>For Color Anodized, Add</i>	34.76	
			<i>For Polished Or Patina Finish, Add</i>	34.76	
			<i>For Polished Anodized Finish, Add</i>	52.14	
10 14 19 00-0059	EA		16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	116.13	8.60
			<i>For Installation With Adhesive, Deduct</i>	-9.25	
			<i>For Clear Anodized, Add</i>	8.17	
			<i>For Satin Face And Enameled Return, Add</i>	28.60	
			<i>For Color Anodized, Add</i>	40.86	
			<i>For Polished Or Patina Finish, Add</i>	40.86	
			<i>For Polished Anodized Finish, Add</i>	61.29	
10 14 19 00-0060	EA		18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	130.94	9.56
			<i>For Installation With Adhesive, Deduct</i>	-10.37	
			<i>For Clear Anodized, Add</i>	9.27	
			<i>For Satin Face And Enameled Return, Add</i>	32.45	
			<i>For Color Anodized, Add</i>	46.35	
			<i>For Polished Or Patina Finish, Add</i>	46.35	
			<i>For Polished Anodized Finish, Add</i>	69.53	
10 14 19 00-0061	EA		20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	158.89	10.75
			<i>For Installation With Adhesive, Deduct</i>	-12.25	
			<i>For Clear Anodized, Add</i>	11.59	
			<i>For Satin Face And Enameled Return, Add</i>	40.55	
			<i>For Color Anodized, Add</i>	57.94	
			<i>For Polished Or Patina Finish, Add</i>	57.94	
			<i>For Polished Anodized Finish, Add</i>	86.90	
10 14 19 00-0062	EA		22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	184.45	11.35
			<i>For Installation With Adhesive, Deduct</i>	-13.76	
			<i>For Clear Anodized, Add</i>	13.90	
			<i>For Satin Face And Enameled Return, Add</i>	48.66	
			<i>For Color Anodized, Add</i>	69.52	
			<i>For Polished Or Patina Finish, Add</i>	69.52	
			<i>For Polished Anodized Finish, Add</i>	104.28	
10 14 19 00-0063	EA		24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	233.19	11.94
			<i>For Installation With Adhesive, Deduct</i>	-16.44	
			<i>For Clear Anodized, Add</i>	18.54	
			<i>For Satin Face And Enameled Return, Add</i>	64.89	
			<i>For Color Anodized, Add</i>	92.70	
			<i>For Polished Or Patina Finish, Add</i>	92.70	
			<i>For Polished Anodized Finish, Add</i>	139.04	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0064 EA 30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	339.91	14.34
For Installation With Adhesive, Deduct	-22.73	
For Clear Anodized, Add	28.26	
For Satin Face And Enameled Return, Add	98.90	
For Color Anodized, Add	141.28	
For Polished Or Patina Finish, Add	141.28	
For Polished Anodized Finish, Add	211.92	
<b>10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)</b>		
10 14 19 00-0066 EA 2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	33.94	2.99
For Installation With Adhesive, Deduct	-2.89	
For Clear Anodized, Add	2.20	
For Satin Face And Enameled Return, Add	7.70	
For Color Anodized, Add	11.00	
For Polished Or Patina Finish, Add	11.00	
For Polished Anodized Finish, Add	16.50	
10 14 19 00-0067 EA 4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	50.47	3.47
For Installation With Adhesive, Deduct	-3.91	
For Clear Anodized, Add	3.66	
For Satin Face And Enameled Return, Add	12.81	
For Color Anodized, Add	18.31	
For Polished Or Patina Finish, Add	18.31	
For Polished Anodized Finish, Add	27.46	
10 14 19 00-0068 EA 6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	64.20	4.18
For Installation With Adhesive, Deduct	-4.88	
For Clear Anodized, Add	4.75	
For Satin Face And Enameled Return, Add	16.61	
For Color Anodized, Add	23.74	
For Polished Or Patina Finish, Add	23.74	
For Polished Anodized Finish, Add	35.60	
10 14 19 00-0069 EA 8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	81.47	4.78
For Installation With Adhesive, Deduct	-5.99	
For Clear Anodized, Add	6.24	
For Satin Face And Enameled Return, Add	21.82	
For Color Anodized, Add	31.18	
For Polished Or Patina Finish, Add	31.18	
For Polished Anodized Finish, Add	46.76	
10 14 19 00-0070 EA 10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	94.75	5.38
For Installation With Adhesive, Deduct	-6.89	
For Clear Anodized, Add	7.33	
For Satin Face And Enameled Return, Add	25.64	
For Color Anodized, Add	36.63	
For Polished Or Patina Finish, Add	36.63	
For Polished Anodized Finish, Add	54.94	
10 14 19 00-0071 EA 12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	111.50	6.21
For Installation With Adhesive, Deduct	-8.06	
For Clear Anodized, Add	8.67	
For Satin Face And Enameled Return, Add	30.33	
For Color Anodized, Add	43.33	
For Polished Or Patina Finish, Add	43.33	
For Polished Anodized Finish, Add	64.99	
10 14 19 00-0072 EA 14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	130.88	7.17
For Installation With Adhesive, Deduct	-9.41	
For Clear Anodized, Add	10.22	
For Satin Face And Enameled Return, Add	35.77	
For Color Anodized, Add	51.10	
For Polished Or Patina Finish, Add	51.10	
For Polished Anodized Finish, Add	76.65	
10 14 19 00-0073 EA 16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	162.71	8.60
For Installation With Adhesive, Deduct	-11.58	
For Clear Anodized, Add	12.83	
For Satin Face And Enameled Return, Add	44.91	
For Color Anodized, Add	64.15	
For Polished Or Patina Finish, Add	64.15	
For Polished Anodized Finish, Add	96.23	
10 14 19 00-0074 EA 18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	189.33	9.56
For Installation With Adhesive, Deduct	-13.29	
For Clear Anodized, Add	15.11	
For Satin Face And Enameled Return, Add	52.88	
For Color Anodized, Add	75.55	
For Polished Or Patina Finish, Add	75.55	
For Polished Anodized Finish, Add	113.32	
10 14 19 00-0075 EA 20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	220.30	10.75
For Installation With Adhesive, Deduct	-15.32	
For Clear Anodized, Add	17.73	
For Satin Face And Enameled Return, Add	62.05	
For Color Anodized, Add	88.64	
For Polished Or Patina Finish, Add	88.64	
For Polished Anodized Finish, Add	132.96	
10 14 19 00-0076 EA 22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	248.41	11.35
For Installation With Adhesive, Deduct	-16.96	
For Clear Anodized, Add	20.30	
For Satin Face And Enameled Return, Add	71.05	
For Color Anodized, Add	101.50	
For Polished Or Patina Finish, Add	101.50	
For Polished Anodized Finish, Add	152.25	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0077	EA		24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	277.69	11.94
			<i>For Installation With Adhesive, Deduct</i>	-18.66	
			<i>For Clear Anodized, Add</i>	22.99	
			<i>For Satin Face And Enameled Return, Add</i>	80.46	
			<i>For Color Anodized, Add</i>	114.95	
			<i>For Polished Or Patina Finish, Add</i>	114.95	
			<i>For Polished Anodized Finish, Add</i>	172.42	
10 14 19 00-0078	EA		30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	386.66	14.34
			<i>For Installation With Adhesive, Deduct</i>	-25.07	
			<i>For Clear Anodized, Add</i>	32.93	
			<i>For Satin Face And Enameled Return, Add</i>	115.26	
			<i>For Color Anodized, Add</i>	164.66	
			<i>For Polished Or Patina Finish, Add</i>	164.66	
			<i>For Polished Anodized Finish, Add</i>	246.98	
<b>10 14 19 00-0079</b>			<b>1/2" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0050)</small>		
10 14 19 00-0080	EA		2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	43.87	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.39	
			<i>For Clear Anodized, Add</i>	3.19	
			<i>For Satin Face And Enameled Return, Add</i>	11.18	
			<i>For Color Anodized, Add</i>	15.97	
			<i>For Polished Or Patina Finish, Add</i>	15.97	
			<i>For Polished Anodized Finish, Add</i>	23.95	
10 14 19 00-0081	EA		4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	57.66	3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.27	
			<i>For Clear Anodized, Add</i>	4.38	
			<i>For Satin Face And Enameled Return, Add</i>	15.33	
			<i>For Color Anodized, Add</i>	21.90	
			<i>For Polished Or Patina Finish, Add</i>	21.90	
			<i>For Polished Anodized Finish, Add</i>	32.85	
10 14 19 00-0082	EA		6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	72.74	4.18
			<i>For Installation With Adhesive, Deduct</i>	-5.31	
			<i>For Clear Anodized, Add</i>	5.60	
			<i>For Satin Face And Enameled Return, Add</i>	19.60	
			<i>For Color Anodized, Add</i>	28.01	
			<i>For Polished Or Patina Finish, Add</i>	28.01	
			<i>For Polished Anodized Finish, Add</i>	42.01	
10 14 19 00-0083	EA		8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	86.30	4.78
			<i>For Installation With Adhesive, Deduct</i>	-6.23	
			<i>For Clear Anodized, Add</i>	6.72	
			<i>For Satin Face And Enameled Return, Add</i>	23.51	
			<i>For Color Anodized, Add</i>	33.59	
			<i>For Polished Or Patina Finish, Add</i>	33.59	
			<i>For Polished Anodized Finish, Add</i>	50.39	
10 14 19 00-0084	EA		10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	100.90	5.38
			<i>For Installation With Adhesive, Deduct</i>	-7.20	
			<i>For Clear Anodized, Add</i>	7.94	
			<i>For Satin Face And Enameled Return, Add</i>	27.79	
			<i>For Color Anodized, Add</i>	39.70	
			<i>For Polished Or Patina Finish, Add</i>	39.70	
			<i>For Polished Anodized Finish, Add</i>	59.55	
10 14 19 00-0085	EA		12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	124.96	6.21
			<i>For Installation With Adhesive, Deduct</i>	-8.73	
			<i>For Clear Anodized, Add</i>	10.01	
			<i>For Satin Face And Enameled Return, Add</i>	35.04	
			<i>For Color Anodized, Add</i>	50.06	
			<i>For Polished Or Patina Finish, Add</i>	50.06	
			<i>For Polished Anodized Finish, Add</i>	75.08	
10 14 19 00-0086	EA		14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	155.21	7.17
			<i>For Installation With Adhesive, Deduct</i>	-10.63	
			<i>For Clear Anodized, Add</i>	12.65	
			<i>For Satin Face And Enameled Return, Add</i>	44.29	
			<i>For Color Anodized, Add</i>	63.27	
			<i>For Polished Or Patina Finish, Add</i>	63.27	
			<i>For Polished Anodized Finish, Add</i>	94.90	
10 14 19 00-0087	EA		16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	188.04	8.60
			<i>For Installation With Adhesive, Deduct</i>	-12.84	
			<i>For Clear Anodized, Add</i>	15.36	
			<i>For Satin Face And Enameled Return, Add</i>	53.77	
			<i>For Color Anodized, Add</i>	76.82	
			<i>For Polished Or Patina Finish, Add</i>	76.82	
			<i>For Polished Anodized Finish, Add</i>	115.22	
10 14 19 00-0088	EA		18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	230.12	9.56
			<i>For Installation With Adhesive, Deduct</i>	-15.33	
			<i>For Clear Anodized, Add</i>	19.19	
			<i>For Satin Face And Enameled Return, Add</i>	67.16	
			<i>For Color Anodized, Add</i>	95.94	
			<i>For Polished Or Patina Finish, Add</i>	95.94	
			<i>For Polished Anodized Finish, Add</i>	143.91	
10 14 19 00-0089	EA		20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	272.44	10.75
			<i>For Installation With Adhesive, Deduct</i>	-17.92	
			<i>For Clear Anodized, Add</i>	22.94	
			<i>For Satin Face And Enameled Return, Add</i>	80.30	
			<i>For Color Anodized, Add</i>	114.71	
			<i>For Polished Or Patina Finish, Add</i>	114.71	
			<i>For Polished Anodized Finish, Add</i>	172.07	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0090	EA		22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	315.15	11.35
			<i>For Installation With Adhesive, Deduct</i>	-20.30	
			<i>For Clear Anodized, Add</i>	26.97	
			<i>For Satin Face And Enameled Return, Add</i>	94.41	
			<i>For Color Anodized, Add</i>	134.87	
			<i>For Polished Or Patina Finish, Add</i>	134.87	
			<i>For Polished Anodized Finish, Add</i>	202.31	
10 14 19 00-0091	EA		24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	355.55	11.94
			<i>For Installation With Adhesive, Deduct</i>	-22.56	
			<i>For Clear Anodized, Add</i>	30.78	
			<i>For Satin Face And Enameled Return, Add</i>	107.71	
			<i>For Color Anodized, Add</i>	153.88	
			<i>For Polished Or Patina Finish, Add</i>	153.88	
			<i>For Polished Anodized Finish, Add</i>	230.81	
10 14 19 00-0092	EA		30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	498.63	14.34
			<i>For Installation With Adhesive, Deduct</i>	-30.67	
			<i>For Clear Anodized, Add</i>	44.13	
			<i>For Satin Face And Enameled Return, Add</i>	154.45	
			<i>For Color Anodized, Add</i>	220.64	
			<i>For Polished Or Patina Finish, Add</i>	220.64	
			<i>For Polished Anodized Finish, Add</i>	330.96	
<b>10 14 19 00-0093</b>			<b>3/4" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small></b>		
10 14 19 00-0094	EA		2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	46.15	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.50	
			<i>For Clear Anodized, Add</i>	3.42	
			<i>For Satin Face And Enameled Return, Add</i>	11.97	
			<i>For Color Anodized, Add</i>	17.11	
			<i>For Polished Or Patina Finish, Add</i>	17.11	
			<i>For Polished Anodized Finish, Add</i>	25.66	
10 14 19 00-0095	EA		4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	60.21	3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.40	
			<i>For Clear Anodized, Add</i>	4.64	
			<i>For Satin Face And Enameled Return, Add</i>	16.22	
			<i>For Color Anodized, Add</i>	23.18	
			<i>For Polished Or Patina Finish, Add</i>	23.18	
			<i>For Polished Anodized Finish, Add</i>	34.76	
10 14 19 00-0096	EA		6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	80.25	4.18
			<i>For Installation With Adhesive, Deduct</i>	-5.69	
			<i>For Clear Anodized, Add</i>	6.35	
			<i>For Satin Face And Enameled Return, Add</i>	22.23	
			<i>For Color Anodized, Add</i>	31.76	
			<i>For Polished Or Patina Finish, Add</i>	31.76	
			<i>For Polished Anodized Finish, Add</i>	47.64	
10 14 19 00-0097	EA		8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	108.25	4.78
			<i>For Installation With Adhesive, Deduct</i>	-7.32	
			<i>For Clear Anodized, Add</i>	8.91	
			<i>For Satin Face And Enameled Return, Add</i>	31.20	
			<i>For Color Anodized, Add</i>	44.57	
			<i>For Polished Or Patina Finish, Add</i>	44.57	
			<i>For Polished Anodized Finish, Add</i>	66.85	
10 14 19 00-0098	EA		10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	137.27	5.38
			<i>For Installation With Adhesive, Deduct</i>	-9.01	
			<i>For Clear Anodized, Add</i>	11.58	
			<i>For Satin Face And Enameled Return, Add</i>	40.52	
			<i>For Color Anodized, Add</i>	57.89	
			<i>For Polished Or Patina Finish, Add</i>	57.89	
			<i>For Polished Anodized Finish, Add</i>	86.83	
10 14 19 00-0099	EA		12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	173.55	6.21
			<i>For Installation With Adhesive, Deduct</i>	-11.16	
			<i>For Clear Anodized, Add</i>	14.87	
			<i>For Satin Face And Enameled Return, Add</i>	52.05	
			<i>For Color Anodized, Add</i>	74.35	
			<i>For Polished Or Patina Finish, Add</i>	74.35	
			<i>For Polished Anodized Finish, Add</i>	111.53	
10 14 19 00-0100	EA		14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	217.78	7.17
			<i>For Installation With Adhesive, Deduct</i>	-13.76	
			<i>For Clear Anodized, Add</i>	18.91	
			<i>For Satin Face And Enameled Return, Add</i>	66.19	
			<i>For Color Anodized, Add</i>	94.55	
			<i>For Polished Or Patina Finish, Add</i>	94.55	
			<i>For Polished Anodized Finish, Add</i>	141.83	
10 14 19 00-0101	EA		16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	269.76	8.60
			<i>For Installation With Adhesive, Deduct</i>	-16.93	
			<i>For Clear Anodized, Add</i>	23.54	
			<i>For Satin Face And Enameled Return, Add</i>	82.37	
			<i>For Color Anodized, Add</i>	117.68	
			<i>For Polished Or Patina Finish, Add</i>	117.68	
			<i>For Polished Anodized Finish, Add</i>	176.51	
10 14 19 00-0102	EA		18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	332.09	9.56
			<i>For Installation With Adhesive, Deduct</i>	-20.43	
			<i>For Clear Anodized, Add</i>	29.39	
			<i>For Satin Face And Enameled Return, Add</i>	102.85	
			<i>For Color Anodized, Add</i>	146.93	
			<i>For Polished Or Patina Finish, Add</i>	146.93	
			<i>For Polished Anodized Finish, Add</i>	220.39	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0103	EA		20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	396.42	10.75
			<i>For Installation With Adhesive, Deduct</i>	-24.12	
			<i>For Clear Anodized, Add</i>	35.34	
			<i>For Satin Face And Enameled Return, Add</i>	123.69	
			<i>For Color Anodized, Add</i>	176.70	
			<i>For Polished Or Patina Finish, Add</i>	176.70	
			<i>For Polished Anodized Finish, Add</i>	265.05	
10 14 19 00-0104	EA		22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	462.54	11.35
			<i>For Installation With Adhesive, Deduct</i>	-27.67	
			<i>For Clear Anodized, Add</i>	41.71	
			<i>For Satin Face And Enameled Return, Add</i>	146.00	
			<i>For Color Anodized, Add</i>	208.57	
			<i>For Polished Or Patina Finish, Add</i>	208.57	
			<i>For Polished Anodized Finish, Add</i>	312.85	
10 14 19 00-0105	EA		24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	531.67	11.94
			<i>For Installation With Adhesive, Deduct</i>	-31.36	
			<i>For Clear Anodized, Add</i>	48.39	
			<i>For Satin Face And Enameled Return, Add</i>	169.35	
			<i>For Color Anodized, Add</i>	241.94	
			<i>For Polished Or Patina Finish, Add</i>	241.94	
			<i>For Polished Anodized Finish, Add</i>	362.90	
10 14 19 00-0106	EA		30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	735.74	14.34
			<i>For Installation With Adhesive, Deduct</i>	-42.52	
			<i>For Clear Anodized, Add</i>	67.84	
			<i>For Satin Face And Enameled Return, Add</i>	237.44	
			<i>For Color Anodized, Add</i>	339.20	
			<i>For Polished Or Patina Finish, Add</i>	339.20	
			<i>For Polished Anodized Finish, Add</i>	508.79	
10 14 19 00-0107			<b>1" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0050)</small>		
10 14 19 00-0108	EA		2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	52.19	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.80	
			<i>For Clear Anodized, Add</i>	4.03	
			<i>For Satin Face And Enameled Return, Add</i>	14.09	
			<i>For Color Anodized, Add</i>	20.13	
			<i>For Polished Or Patina Finish, Add</i>	20.13	
			<i>For Polished Anodized Finish, Add</i>	30.19	
10 14 19 00-0109	EA		4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	65.07	3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.64	
			<i>For Clear Anodized, Add</i>	5.12	
			<i>For Satin Face And Enameled Return, Add</i>	17.92	
			<i>For Color Anodized, Add</i>	25.61	
			<i>For Polished Or Patina Finish, Add</i>	25.61	
			<i>For Polished Anodized Finish, Add</i>	38.41	
10 14 19 00-0110	EA		6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	86.40	4.18
			<i>For Installation With Adhesive, Deduct</i>	-5.99	
			<i>For Clear Anodized, Add</i>	6.97	
			<i>For Satin Face And Enameled Return, Add</i>	24.38	
			<i>For Color Anodized, Add</i>	34.84	
			<i>For Polished Or Patina Finish, Add</i>	34.84	
			<i>For Polished Anodized Finish, Add</i>	52.25	
10 14 19 00-0111	EA		8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	120.55	4.78
			<i>For Installation With Adhesive, Deduct</i>	-7.94	
			<i>For Clear Anodized, Add</i>	10.14	
			<i>For Satin Face And Enameled Return, Add</i>	35.50	
			<i>For Color Anodized, Add</i>	50.72	
			<i>For Polished Or Patina Finish, Add</i>	50.72	
			<i>For Polished Anodized Finish, Add</i>	76.07	
10 14 19 00-0112	EA		10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	166.47	5.38
			<i>For Installation With Adhesive, Deduct</i>	-10.47	
			<i>For Clear Anodized, Add</i>	14.50	
			<i>For Satin Face And Enameled Return, Add</i>	50.74	
			<i>For Color Anodized, Add</i>	72.49	
			<i>For Polished Or Patina Finish, Add</i>	72.49	
			<i>For Polished Anodized Finish, Add</i>	108.73	
10 14 19 00-0113	EA		12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	219.80	6.21
			<i>For Installation With Adhesive, Deduct</i>	-13.48	
			<i>For Clear Anodized, Add</i>	19.50	
			<i>For Satin Face And Enameled Return, Add</i>	68.23	
			<i>For Color Anodized, Add</i>	97.48	
			<i>For Polished Or Patina Finish, Add</i>	97.48	
			<i>For Polished Anodized Finish, Add</i>	146.21	
10 14 19 00-0114	EA		14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	279.65	7.17
			<i>For Installation With Adhesive, Deduct</i>	-16.85	
			<i>For Clear Anodized, Add</i>	25.10	
			<i>For Satin Face And Enameled Return, Add</i>	87.84	
			<i>For Color Anodized, Add</i>	125.49	
			<i>For Polished Or Patina Finish, Add</i>	125.49	
			<i>For Polished Anodized Finish, Add</i>	188.23	
10 14 19 00-0115	EA		16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	348.21	8.60
			<i>For Installation With Adhesive, Deduct</i>	-20.85	
			<i>For Clear Anodized, Add</i>	31.38	
			<i>For Satin Face And Enameled Return, Add</i>	109.83	
			<i>For Color Anodized, Add</i>	156.90	
			<i>For Polished Or Patina Finish, Add</i>	156.90	
			<i>For Polished Anodized Finish, Add</i>	235.35	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0116	EA		18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs ..... 423.85		9.56
			<i>For Installation With Adhesive, Deduct</i>	-25.02	
			<i>For Clear Anodized, Add</i>	38.56	
			<i>For Satin Face And Enameled Return, Add</i>	134.96	
			<i>For Color Anodized, Add</i>	192.81	
			<i>For Polished Or Patina Finish, Add</i>	192.81	
			<i>For Polished Anodized Finish, Add</i>	289.21	
10 14 19 00-0117	EA		20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs ..... 523.88		10.75
			<i>For Installation With Adhesive, Deduct</i>	-30.50	
			<i>For Clear Anodized, Add</i>	48.09	
			<i>For Satin Face And Enameled Return, Add</i>	168.30	
			<i>For Color Anodized, Add</i>	240.43	
			<i>For Polished Or Patina Finish, Add</i>	240.43	
			<i>For Polished Anodized Finish, Add</i>	360.65	
10 14 19 00-0118	EA		22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs ..... 628.00		11.35
			<i>For Installation With Adhesive, Deduct</i>	-35.94	
			<i>For Clear Anodized, Add</i>	58.26	
			<i>For Satin Face And Enameled Return, Add</i>	203.91	
			<i>For Color Anodized, Add</i>	291.30	
			<i>For Polished Or Patina Finish, Add</i>	291.30	
			<i>For Polished Anodized Finish, Add</i>	436.94	
10 14 19 00-0119	EA		24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs ..... 744.87		11.94
			<i>For Installation With Adhesive, Deduct</i>	-42.02	
			<i>For Clear Anodized, Add</i>	69.71	
			<i>For Satin Face And Enameled Return, Add</i>	243.97	
			<i>For Color Anodized, Add</i>	348.54	
			<i>For Polished Or Patina Finish, Add</i>	348.54	
			<i>For Polished Anodized Finish, Add</i>	522.80	
10 14 19 00-0120	EA		30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs ..... 1,058.46		14.34
			<i>For Installation With Adhesive, Deduct</i>	-58.66	
			<i>For Clear Anodized, Add</i>	100.11	
			<i>For Satin Face And Enameled Return, Add</i>	350.39	
			<i>For Color Anodized, Add</i>	500.56	
			<i>For Polished Or Patina Finish, Add</i>	500.56	
			<i>For Polished Anodized Finish, Add</i>	750.83	
10 14 19 00-0121			Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122			1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123	EA		2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 40.65		2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.23	
			<i>For Oxidized Finish, Add</i>	4.31	
			<i>For Polished Finish, Add</i>	8.61	
10 14 19 00-0124	EA		4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 53.81		3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.08	
			<i>For Oxidized Finish, Add</i>	5.99	
			<i>For Polished Finish, Add</i>	11.99	
10 14 19 00-0125	EA		6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 76.20		4.18
			<i>For Installation With Adhesive, Deduct</i>	-5.48	
			<i>For Oxidized Finish, Add</i>	8.92	
			<i>For Polished Finish, Add</i>	17.84	
10 14 19 00-0126	EA		8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 102.17		4.78
			<i>For Installation With Adhesive, Deduct</i>	-7.02	
			<i>For Oxidized Finish, Add</i>	12.46	
			<i>For Polished Finish, Add</i>	24.92	
10 14 19 00-0127	EA		10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 133.26		5.38
			<i>For Installation With Adhesive, Deduct</i>	-8.81	
			<i>For Oxidized Finish, Add</i>	16.76	
			<i>For Polished Finish, Add</i>	33.53	
10 14 19 00-0128	EA		12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 170.45		6.21
			<i>For Installation With Adhesive, Deduct</i>	-11.01	
			<i>For Oxidized Finish, Add</i>	21.84	
			<i>For Polished Finish, Add</i>	43.68	
10 14 19 00-0129	EA		14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 215.29		7.17
			<i>For Installation With Adhesive, Deduct</i>	-13.63	
			<i>For Oxidized Finish, Add</i>	27.99	
			<i>For Polished Finish, Add</i>	55.98	
10 14 19 00-0130	EA		16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 263.06		8.60
			<i>For Installation With Adhesive, Deduct</i>	-16.59	
			<i>For Oxidized Finish, Add</i>	34.30	
			<i>For Polished Finish, Add</i>	68.60	
10 14 19 00-0131	EA		18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 322.40		9.56
			<i>For Installation With Adhesive, Deduct</i>	-19.94	
			<i>For Oxidized Finish, Add</i>	42.62	
			<i>For Polished Finish, Add</i>	85.25	
10 14 19 00-0132	EA		20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 385.48		10.75
			<i>For Installation With Adhesive, Deduct</i>	-23.58	
			<i>For Oxidized Finish, Add</i>	51.37	
			<i>For Polished Finish, Add</i>	102.74	
10 14 19 00-0133	EA		22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... 480.15		11.35
			<i>For Installation With Adhesive, Deduct</i>	-28.55	
			<i>For Oxidized Finish, Add</i>	65.21	
			<i>For Polished Finish, Add</i>	130.42	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA		24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	528.24 -31.19 72.07 144.13	11.94
10 14 19 00-0135	EA		30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	806.47 -46.06 112.37 224.74	14.34
<b>10 14 19 00-0136</b>			<b>3/8" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137	EA		2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	50.70 -3.73 5.81 11.63	2.99
10 14 19 00-0138	EA		4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	67.79 -4.78 8.09 16.18	3.47
10 14 19 00-0139	EA		6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	99.99 -6.67 12.49 24.98	4.18
10 14 19 00-0140	EA		8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	135.39 -8.68 17.44 34.88	4.78
10 14 19 00-0141	EA		10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	183.55 -11.33 24.31 48.62	5.38
10 14 19 00-0142	EA		12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	235.96 -14.28 31.67 63.33	6.21
10 14 19 00-0143	EA		14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	299.26 -17.83 40.59 81.17	7.17
10 14 19 00-0144	EA		16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	354.52 -21.17 48.02 96.03	8.60
10 14 19 00-0145	EA		18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	450.27 -26.34 61.80 123.61	9.56
10 14 19 00-0146	EA		20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	522.46 -30.43 71.92 143.83	10.75
10 14 19 00-0147	EA		22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	649.70 -37.03 90.64 181.29	11.35
10 14 19 00-0148	EA		24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	744.44 -42.00 104.50 208.99	11.94
10 14 19 00-0149	EA		30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,038.70 -57.67 147.20 294.41	14.34
<b>10 14 19 00-0150</b>			<b>1/2" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA		2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	66.49 -4.52 8.18 16.37	2.99
10 14 19 00-0152	EA		4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	87.76 -5.77 11.09 22.17	3.47
10 14 19 00-0153	EA		6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	129.72 -8.16 16.95 33.90	4.18
10 14 19 00-0154	EA		8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	181.07 -10.97 24.29 48.59	4.78





<b>Specialties</b>	<b>10</b>
Information Specialties	10 10
Signage	10 14

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0155	EA		10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	256.20 -14.96 35.21 70.41	5.38
10 14 19 00-0156	EA		12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	345.16 -19.74 48.05 96.09	6.21
10 14 19 00-0157	EA		14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	429.89 -24.36 60.18 120.36	7.17
10 14 19 00-0158	EA		16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	512.28 -29.06 71.68 143.36	8.60
10 14 19 00-0159	EA		18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	706.02 -39.13 100.17 200.33	9.56
10 14 19 00-0160	EA		20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	796.43 -44.12 113.01 226.02	10.75
10 14 19 00-0161	EA		22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,001.83 -54.63 143.46 286.93	11.35
10 14 19 00-0162	EA		24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,176.83 -63.62 169.35 338.71	11.94
10 14 19 00-0163	EA		30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,787.82 -95.13 259.57 519.14	14.34
10 14 19 00-0164			<b>3/4" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA		2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	83.71 -5.38 10.77 21.53	2.99
10 14 19 00-0166	EA		4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	119.72 -7.37 15.88 31.76	3.47
10 14 19 00-0167	EA		6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	165.40 -9.94 22.30 44.60	4.18
10 14 19 00-0168	EA		8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	226.75 -13.25 31.14 62.29	4.78
10 14 19 00-0169	EA		10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	312.08 -17.75 43.59 87.17	5.38
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	432.52 -24.11 61.15 122.30	6.21
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	541.86 -29.96 76.98 153.95	7.17
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	631.18 -35.00 89.52 179.03	8.60
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	848.10 -46.23 121.48 242.96	9.56
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	926.56 -50.63 132.53 265.06	10.75
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,184.42 -63.76 170.85 341.70	11.35

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,513.14 -80.44 219.80 439.60	11.94
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	2,297.22 -120.60 335.98 671.96	14.34
<b>10 14 19 00-0178</b>			<b>Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0049)</small>		
<b>10 14 19 00-0179</b>			<b>1/4" Deep, Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	42.81 -3.33 4.63 9.26	2.99
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	56.86 -4.23 6.45 12.90	3.47
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	80.67 -5.71 9.59 19.18	4.18
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	108.42 -7.33 13.40 26.79	4.78
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	141.67 -9.23 18.03 36.05	5.38
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	181.41 -11.56 23.48 46.97	6.21
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	229.34 -14.34 30.10 60.20	7.17
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	285.78 -17.73 37.71 75.41	8.60
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	344.74 -21.06 45.98 91.95	9.56
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	411.26 -24.87 55.24 110.47	10.75
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	484.21 -28.75 65.82 131.64	11.35
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	564.87 -33.02 77.56 155.12	11.94
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	870.99 -49.28 122.05 244.09	14.34
<b>10 14 19 00-0193</b>			<b>3/8" Deep, Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0178)</small>		
10 14 19 00-0194	EA		2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	52.69 -3.83 6.11 12.23	2.99
10 14 19 00-0195	EA		4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	70.19 -4.90 8.45 16.90	3.47
10 14 19 00-0196	EA		6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	104.97 -6.92 13.24 26.47	4.18
10 14 19 00-0197	EA		8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	141.46 -8.99 18.35 36.70	4.78



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0198	EA		10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	195.75 -11.94 26.14 52.28	5.38
10 14 19 00-0199	EA		12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	250.29 -15.00 33.82 67.63	6.21
10 14 19 00-0200	EA		14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	315.62 -18.65 43.04 86.08	7.17
10 14 19 00-0201	EA		16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	391.36 -23.01 53.54 107.09	8.60
10 14 19 00-0202	EA		18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	476.53 -27.65 65.74 131.49	9.56
10 14 19 00-0203	EA		20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	569.60 -32.78 78.99 157.97	10.75
10 14 19 00-0204	EA		22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	672.89 -38.19 94.12 188.24	11.35
10 14 19 00-0205	EA		24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	766.53 -43.11 107.81 215.62	11.94
10 14 19 00-0206	EA		30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	1,058.13 -58.64 150.12 300.23	14.34
10 14 19 00-0207			<b>1/2" Deep, Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0178)</small>		
10 14 19 00-0208	EA		2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	54.85 -3.94 6.44 12.87	2.99
10 14 19 00-0209	EA		4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	85.67 -5.67 10.77 21.54	3.47
10 14 19 00-0210	EA		6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	124.80 -7.91 16.21 32.42	4.18
10 14 19 00-0211	EA		8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	175.40 -10.68 23.44 46.88	4.78
10 14 19 00-0212	EA		10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	243.82 -14.34 33.35 66.70	5.38
10 14 19 00-0213	EA		12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	336.39 -19.30 46.73 93.46	6.21
10 14 19 00-0214	EA		14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	440.02 -24.87 61.70 123.40	7.17
10 14 19 00-0215	EA		16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	552.23 -31.05 77.67 155.35	8.60
10 14 19 00-0216	EA		18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	681.88 -37.92 96.55 193.09	9.56
10 14 19 00-0217	EA		20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	820.00 -45.30 116.55 233.09	10.75
10 14 19 00-0218	EA		22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs ..... <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Or Patina Finish, Add</i>	975.66 -53.32 139.54 279.08	11.35

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA		24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,138.82	11.94
			<i>For Installation With Adhesive, Deduct</i>	-61.72	
			<i>For Oxidized Finish, Add</i>	163.65	
			<i>For Polished Or Patina Finish, Add</i>	327.31	
10 14 19 00-0220	EA		30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,603.28	14.34
			<i>For Installation With Adhesive, Deduct</i>	-85.90	
			<i>For Oxidized Finish, Add</i>	231.89	
			<i>For Polished Or Patina Finish, Add</i>	463.78	
<b>10 14 19 00-0221</b>			<b>Satin Finish, Copper Characters</b> <small>(10 14 19 00-0049)</small>		
<b>10 14 19 00-0222</b>			<b>1/4" Deep, Satin Finish, Copper Characters</b> <small>(10 14 19 00-0221)</small>		
10 14 19 00-0223	EA		2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	40.65	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.23	
			<i>For Polished Finish, Add</i>	8.61	
10 14 19 00-0224	EA		4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	54.87	3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.13	
			<i>For Polished Finish, Add</i>	12.30	
10 14 19 00-0225	EA		6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	80.30	4.18
			<i>For Installation With Adhesive, Deduct</i>	-5.69	
			<i>For Polished Finish, Add</i>	19.07	
10 14 19 00-0226	EA		8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	109.35	4.78
			<i>For Installation With Adhesive, Deduct</i>	-7.38	
			<i>For Polished Finish, Add</i>	27.07	
10 14 19 00-0227	EA		10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	141.46	5.38
			<i>For Installation With Adhesive, Deduct</i>	-9.22	
			<i>For Polished Finish, Add</i>	35.99	
10 14 19 00-0228	EA		12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	182.75	6.21
			<i>For Installation With Adhesive, Deduct</i>	-11.62	
			<i>For Polished Finish, Add</i>	47.37	
10 14 19 00-0229	EA		14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	231.69	7.17
			<i>For Installation With Adhesive, Deduct</i>	-14.45	
			<i>For Polished Finish, Add</i>	60.90	
10 14 19 00-0230	EA		16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	286.64	8.60
			<i>For Installation With Adhesive, Deduct</i>	-17.77	
			<i>For Polished Finish, Add</i>	75.67	
10 14 19 00-0231	EA		18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	346.86	9.56
			<i>For Installation With Adhesive, Deduct</i>	-21.17	
			<i>For Polished Finish, Add</i>	92.59	
10 14 19 00-0232	EA		20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	413.16	10.75
			<i>For Installation With Adhesive, Deduct</i>	-24.96	
			<i>For Polished Finish, Add</i>	111.04	
10 14 19 00-0233	EA		22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	487.33	11.35
			<i>For Installation With Adhesive, Deduct</i>	-28.91	
			<i>For Polished Finish, Add</i>	132.58	
10 14 19 00-0234	EA		24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	567.64	11.94
			<i>For Installation With Adhesive, Deduct</i>	-33.16	
			<i>For Polished Finish, Add</i>	155.95	
10 14 19 00-0235	EA		30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	826.83	14.34
			<i>For Installation With Adhesive, Deduct</i>	-47.08	
			<i>For Polished Finish, Add</i>	230.84	
<b>10 14 19 00-0236</b>			<b>3/8" Deep, Satin Finish, Copper Characters</b> <small>(10 14 19 00-0221)</small>		
10 14 19 00-0237	EA		2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	47.83	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.59	
			<i>For Polished Finish, Add</i>	10.77	
10 14 19 00-0238	EA		4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	67.18	3.47
			<i>For Installation With Adhesive, Deduct</i>	-4.75	
			<i>For Polished Finish, Add</i>	16.00	
10 14 19 00-0239	EA		6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	102.55	4.18
			<i>For Installation With Adhesive, Deduct</i>	-6.80	
			<i>For Polished Finish, Add</i>	25.75	
10 14 19 00-0240	EA		8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	145.44	4.78
			<i>For Installation With Adhesive, Deduct</i>	-9.18	
			<i>For Polished Finish, Add</i>	37.90	
10 14 19 00-0241	EA		10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	201.44	5.38
			<i>For Installation With Adhesive, Deduct</i>	-12.22	
			<i>For Polished Finish, Add</i>	53.98	
10 14 19 00-0242	EA		12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	253.81	6.21
			<i>For Installation With Adhesive, Deduct</i>	-15.18	
			<i>For Polished Finish, Add</i>	68.69	
10 14 19 00-0243	EA		14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	323.05	7.17
			<i>For Installation With Adhesive, Deduct</i>	-19.02	
			<i>For Polished Finish, Add</i>	88.31	
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	400.14	8.60
			<i>For Installation With Adhesive, Deduct</i>	-23.45	
			<i>For Polished Finish, Add</i>	109.72	
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	485.74	9.56
			<i>For Installation With Adhesive, Deduct</i>	-28.11	
			<i>For Polished Finish, Add</i>	134.25	
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	579.73	10.75
			<i>For Installation With Adhesive, Deduct</i>	-33.29	
			<i>For Polished Finish, Add</i>	161.01	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	686.20 -38.85 192.24	11.35
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	775.58 -43.56 218.33	11.94
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	1,096.15 -60.54 311.64	14.34
<b>10 14 19 00-0250</b>			<b>Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0049)</small>		
<b>10 14 19 00-0251</b>			<b>1/4" Deep, Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0250)</small>		
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	35.46 -2.97 7.06	2.99
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	47.96 -3.78 10.23	3.47
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	62.59 -4.80 13.76	4.18
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	82.62 -6.04 19.05	4.78
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	102.64 -7.28 24.34	5.38
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	127.16 -8.84 30.69	6.21
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	153.34 -10.54 37.40	7.17
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	183.76 -12.63 44.81	8.60
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	215.82 -14.62 53.27	9.56
10 14 19 00-0261	EA		20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	253.52 -16.98 63.15	10.75
10 14 19 00-0262	EA		22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	298.25 -19.45 75.85	11.35
10 14 19 00-0263	EA		24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	344.15 -21.99 88.91	11.94
10 14 19 00-0264	EA		30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	478.36 -29.65 126.30	14.34
<b>10 14 19 00-0265</b>			<b>3/8" Deep, Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0250)</small>		
10 14 19 00-0266	EA		2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	43.69 -3.38 9.53	2.99
10 14 19 00-0267	EA		4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	59.90 -4.38 13.81	3.47
10 14 19 00-0268	EA		6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	77.73 -5.56 18.30	4.18
10 14 19 00-0269	EA		8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	101.04 -6.96 24.58	4.78
10 14 19 00-0270	EA		10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	126.18 -8.46 31.40	5.38
10 14 19 00-0271	EA		12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	156.83 -10.33 39.59	6.21
10 14 19 00-0272	EA		14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	189.49 -12.34 48.24	7.17
10 14 19 00-0273	EA		16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	227.07 -14.79 57.80	8.60
10 14 19 00-0274	EA		18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	265.54 -17.10 68.19	9.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0275	EA		20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	312.47	10.75
			<i>For Installation With Adhesive, Deduct</i>	-19.93	
			<i>For Polished Finish, Add</i>	80.84	
10 14 19 00-0276	EA		22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	353.87	11.35
			<i>For Installation With Adhesive, Deduct</i>	-22.23	
			<i>For Polished Finish, Add</i>	92.54	
10 14 19 00-0277	EA		24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	409.35	11.94
			<i>For Installation With Adhesive, Deduct</i>	-25.25	
			<i>For Polished Finish, Add</i>	108.47	
10 14 19 00-0278	EA		30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	570.98	14.34
			<i>For Installation With Adhesive, Deduct</i>	-34.28	
			<i>For Polished Finish, Add</i>	154.09	
<b>10 14 19 00-0279</b>			<b>1/2" Deep, Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0250)</small>		
10 14 19 00-0280	EA		2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	54.28	2.99
			<i>For Installation With Adhesive, Deduct</i>	-3.91	
			<i>For Polished Finish, Add</i>	12.70	
10 14 19 00-0281	EA		4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	75.25	3.47
			<i>For Installation With Adhesive, Deduct</i>	-5.15	
			<i>For Polished Finish, Add</i>	18.42	
10 14 19 00-0282	EA		6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	97.91	4.18
			<i>For Installation With Adhesive, Deduct</i>	-6.57	
			<i>For Polished Finish, Add</i>	24.35	
10 14 19 00-0283	EA		8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	130.89	4.78
			<i>For Installation With Adhesive, Deduct</i>	-8.46	
			<i>For Polished Finish, Add</i>	33.53	
10 14 19 00-0284	EA		10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	164.31	5.38
			<i>For Installation With Adhesive, Deduct</i>	-10.37	
			<i>For Polished Finish, Add</i>	42.84	
10 14 19 00-0285	EA		12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	204.92	6.21
			<i>For Installation With Adhesive, Deduct</i>	-12.73	
			<i>For Polished Finish, Add</i>	54.02	
10 14 19 00-0286	EA		14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	248.07	7.17
			<i>For Installation With Adhesive, Deduct</i>	-15.27	
			<i>For Polished Finish, Add</i>	65.82	
10 14 19 00-0287	EA		16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	297.27	8.60
			<i>For Installation With Adhesive, Deduct</i>	-18.30	
			<i>For Polished Finish, Add</i>	78.86	
10 14 19 00-0288	EA		18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	356.10	9.56
			<i>For Installation With Adhesive, Deduct</i>	-21.63	
			<i>For Polished Finish, Add</i>	95.36	
10 14 19 00-0289	EA		20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	419.82	10.75
			<i>For Installation With Adhesive, Deduct</i>	-25.29	
			<i>For Polished Finish, Add</i>	113.04	
10 14 19 00-0290	EA		22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	472.71	11.35
			<i>For Installation With Adhesive, Deduct</i>	-28.18	
			<i>For Polished Finish, Add</i>	128.19	
10 14 19 00-0291	EA		24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	548.63	11.94
			<i>For Installation With Adhesive, Deduct</i>	-32.21	
			<i>For Polished Finish, Add</i>	150.25	
10 14 19 00-0292	EA		30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	768.85	14.34
			<i>For Installation With Adhesive, Deduct</i>	-44.18	
			<i>For Polished Finish, Add</i>	213.45	
<b>10 14 23</b>			<b>Panel Signage</b> <small>(10 14)</small>		
10 14 23 00-0001			<b>Indoor/Outdoor Signs</b> <small>(10 14 23)</small> Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.		
10 14 23 00-0002			<b>Surface Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0001)</small>		
10 14 23 00-0003			<b>Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0002)</small> Note: Multi-color with words, symbols and graphics.		
10 14 23 00-0004	EA		Up To 25 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	13.41	4.87
			<i>For &gt;25 To 50, Deduct</i>	-0.37	
			<i>For &gt;50 To 100, Deduct</i>	-0.92	
			<i>For &gt;100, Deduct</i>	-1.10	
			<i>For Clear Glass Mount, Add</i>	2.94	
			<i>For Glow-In-Dark, Add</i>	7.36	
			<i>For Reflective Finish, Add</i>	8.28	
10 14 23 00-0005	EA		>25 To 50 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	16.03	4.87
			<i>For &gt;25 To 50, Deduct</i>	-0.63	
			<i>For &gt;50 To 100, Deduct</i>	-1.58	
			<i>For &gt;100, Deduct</i>	-1.89	
			<i>For Clear Glass Mount, Add</i>	5.04	
			<i>For Glow-In-Dark, Add</i>	12.60	
			<i>For Reflective Finish, Add</i>	14.18	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0006	EA		>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	20.23	4.87
			<i>For &gt;25 To 50, Deduct</i>	-1.05	
			<i>For &gt;50 To 100, Deduct</i>	-2.63	
			<i>For &gt;100, Deduct</i>	-3.15	
			<i>For Clear Glass Mount, Add</i>	8.40	
			<i>For Glow-In-Dark, Add</i>	21.00	
			<i>For Reflective Finish, Add</i>	23.63	
10 14 23 00-0007	EA		>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	25.48	4.87
			<i>For &gt;25 To 50, Deduct</i>	-1.58	
			<i>For &gt;50 To 100, Deduct</i>	-3.94	
			<i>For &gt;100, Deduct</i>	-4.73	
			<i>For Clear Glass Mount, Add</i>	12.60	
			<i>For Glow-In-Dark, Add</i>	31.50	
			<i>For Reflective Finish, Add</i>	35.44	
10 14 23 00-0008	EA		>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	34.93	4.87
			<i>For &gt;25 To 50, Deduct</i>	-2.52	
			<i>For &gt;50 To 100, Deduct</i>	-6.30	
			<i>For &gt;100, Deduct</i>	-7.56	
			<i>For Clear Glass Mount, Add</i>	20.16	
			<i>For Glow-In-Dark, Add</i>	50.40	
			<i>For Reflective Finish, Add</i>	56.70	
10 14 23 00-0009	EA		>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	51.73	4.87
			<i>For &gt;25 To 50, Deduct</i>	-4.20	
			<i>For &gt;50 To 100, Deduct</i>	-10.50	
			<i>For &gt;100, Deduct</i>	-12.60	
			<i>For Clear Glass Mount, Add</i>	33.60	
			<i>For Glow-In-Dark, Add</i>	84.00	
			<i>For Reflective Finish, Add</i>	94.50	
10 14 23 00-0010	EA		>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	72.73	4.87
			<i>For &gt;25 To 50, Deduct</i>	-6.30	
			<i>For &gt;50 To 100, Deduct</i>	-15.75	
			<i>For &gt;100, Deduct</i>	-18.90	
			<i>For Clear Glass Mount, Add</i>	50.40	
			<i>For Glow-In-Dark, Add</i>	126.00	
			<i>For Reflective Finish, Add</i>	141.75	
10 14 23 00-0011	SI		>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	0.08	
			<i>For Clear Glass Mount, Add</i>	0.06	
			<i>For Glow-In-Dark, Add</i>	0.14	
			<i>For Reflective Finish, Add</i>	0.16	
<b>10 14 23 00-0012</b>			<b>Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs</b>		
			<small>(10 14 23 00-0002)</small>		
			<small>Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.</small>		
10 14 23 00-0013	EA		Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	14.45	4.87
			<i>For &gt;25 To 50, Deduct</i>	-0.47	
			<i>For &gt;50 To 100, Deduct</i>	-1.18	
			<i>For &gt;100, Deduct</i>	-1.42	
			<i>For Glow-In-Dark, Add</i>	9.44	
			<i>For Reflective Finish, Add</i>	10.15	
10 14 23 00-0014	EA		>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	17.08	4.87
			<i>For &gt;25 To 50, Deduct</i>	-0.74	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100, Deduct</i>	-2.21	
			<i>For Glow-In-Dark, Add</i>	14.70	
			<i>For Reflective Finish, Add</i>	15.80	
10 14 23 00-0015	EA		>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	22.33	4.87
			<i>For &gt;25 To 50, Deduct</i>	-1.26	
			<i>For &gt;50 To 100, Deduct</i>	-3.15	
			<i>For &gt;100, Deduct</i>	-3.78	
			<i>For Glow-In-Dark, Add</i>	25.20	
			<i>For Reflective Finish, Add</i>	27.09	
10 14 23 00-0016	EA		>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	27.58	4.87
			<i>For &gt;25 To 50, Deduct</i>	-1.79	
			<i>For &gt;50 To 100, Deduct</i>	-4.46	
			<i>For &gt;100, Deduct</i>	-5.36	
			<i>For Glow-In-Dark, Add</i>	35.70	
			<i>For Reflective Finish, Add</i>	38.38	
10 14 23 00-0017	EA		>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	35.45	4.87
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-6.43	
			<i>For &gt;100, Deduct</i>	-7.72	
			<i>For Glow-In-Dark, Add</i>	51.44	
			<i>For Reflective Finish, Add</i>	55.30	
10 14 23 00-0018	EA		>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	43.33	4.87
			<i>For &gt;25 To 50, Deduct</i>	-3.36	
			<i>For &gt;50 To 100, Deduct</i>	-8.40	
			<i>For &gt;100, Deduct</i>	-10.08	
			<i>For Glow-In-Dark, Add</i>	67.20	
			<i>For Reflective Finish, Add</i>	72.24	
10 14 23 00-0019	EA		>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	51.73	4.87
			<i>For &gt;25 To 50, Deduct</i>	-4.20	
			<i>For &gt;50 To 100, Deduct</i>	-10.50	
			<i>For &gt;100, Deduct</i>	-12.60	
			<i>For Glow-In-Dark, Add</i>	84.00	
			<i>For Reflective Finish, Add</i>	90.30	

**10 Specialties****10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0020	SI		>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign ..... <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	0.06 0.10 0.11	
<b>10 14 23 00-0021</b>			<b>Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille</b> (10 14 23 00-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0022	EA		Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i> <i>For 2" Height Slider Channel For Custom Inserts, Add</i>	22.33 -1.26 -3.15 -3.78 15.00 23.00 35.00	4.87
10 14 23 00-0023	EA		>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i> <i>For 2" Height Slider Channel For Custom Inserts, Add</i>	25.48 -1.58 -3.94 -4.73 17.00 28.00 35.00	4.87
10 14 23 00-0024	EA		>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	30.73 -2.10 -5.25 -6.30 19.00 31.00	4.87
10 14 23 00-0025	EA		>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	35.67 -2.59 -6.49 -7.78 21.00 35.00	4.87
10 14 23 00-0026	SI		>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille..... <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	0.39 0.20 0.31	0.05
<b>10 14 23 00-0027</b>			<b>Engraved Steel, Surface Mount, Indoor/Outdoor Signs</b> (10 14 23 00-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0028	EA		Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	29.68 -2.00 -4.99 -5.99 15.00	4.87
10 14 23 00-0029	EA		>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	35.98 -2.63 -6.56 -7.88 17.00	4.87
10 14 23 00-0030	EA		>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	44.38 -3.47 -8.66 -10.40 19.00	4.87
10 14 23 00-0031	EA		>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	61.18 -5.15 -12.86 -15.44 21.00	4.87
10 14 23 00-0032	SI		>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign..... <i>For Molded Plastic Frame, Add</i>	0.61 0.20	0.05
<b>10 14 23 00-0033</b>			<b>Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs</b> (10 14 23 00-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 00-0034	EA		Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	13.93 -0.42 -1.05 -1.26 2.52 3.15	4.87
10 14 23 00-0035	EA		>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	17.08 -0.74 -1.84 -2.21 4.41 5.51	4.87
10 14 23 00-0036	EA		>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	23.38 -1.37 -3.41 -4.10 8.19 10.24	4.87





<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0037	EA		>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	30.73	4.87
			<i>For &gt;25 To 50, Deduct</i>	-2.10	
			<i>For &gt;50 To 100, Deduct</i>	-5.25	
			<i>For &gt;100, Deduct</i>	-6.30	
			<i>For Glow-In-Dark, Add</i>	12.60	
			<i>For Reflective Finish, Add</i>	15.75	
10 14 23 00-0038	EA		>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	52.78	4.87
			<i>For &gt;25 To 50, Deduct</i>	-4.31	
			<i>For &gt;50 To 100, Deduct</i>	-10.76	
			<i>For &gt;100, Deduct</i>	-12.92	
			<i>For Glow-In-Dark, Add</i>	25.83	
			<i>For Reflective Finish, Add</i>	32.29	
10 14 23 00-0039	EA		>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	62.23	4.87
			<i>For &gt;25 To 50, Deduct</i>	-5.25	
			<i>For &gt;50 To 100, Deduct</i>	-13.13	
			<i>For &gt;100, Deduct</i>	-15.75	
			<i>For Glow-In-Dark, Add</i>	31.50	
			<i>For Reflective Finish, Add</i>	39.38	
10 14 23 00-0040	EA		>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	74.83	4.87
			<i>For &gt;25 To 50, Deduct</i>	-6.51	
			<i>For &gt;50 To 100, Deduct</i>	-16.28	
			<i>For &gt;100, Deduct</i>	-19.53	
			<i>For Glow-In-Dark, Add</i>	39.06	
			<i>For Reflective Finish, Add</i>	48.83	
10 14 23 00-0041	SI		>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	0.08	
			<i>For Glow-In-Dark, Add</i>	0.04	
			<i>For Reflective Finish, Add</i>	0.05	
10 14 23 00-0042			<b>Ceiling Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0001)</small>		
10 14 23 00-0043			<b>Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0042)</small>		
10 14 23 00-0044	EA		Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign .....	19.40	6.81
			<i>For &gt;25 To 50, Deduct</i>	-0.58	
			<i>For &gt;50 To 100, Deduct</i>	-1.45	
			<i>For &gt;100, Deduct</i>	-1.73	
			<i>For Glow-In-Dark, Add</i>	3.47	
			<i>For Reflective Finish, Add</i>	4.34	
10 14 23 00-0045	EA		>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	24.12	6.81
			<i>For &gt;25 To 50, Deduct</i>	-1.05	
			<i>For &gt;50 To 100, Deduct</i>	-2.63	
			<i>For &gt;100, Deduct</i>	-3.15	
			<i>For Glow-In-Dark, Add</i>	6.30	
			<i>For Reflective Finish, Add</i>	7.88	
10 14 23 00-0046	EA		>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	30.42	6.81
			<i>For &gt;25 To 50, Deduct</i>	-1.68	
			<i>For &gt;50 To 100, Deduct</i>	-4.20	
			<i>For &gt;100, Deduct</i>	-5.04	
			<i>For Glow-In-Dark, Add</i>	10.08	
			<i>For Reflective Finish, Add</i>	12.60	
10 14 23 00-0047	EA		>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	39.87	6.81
			<i>For &gt;25 To 50, Deduct</i>	-2.63	
			<i>For &gt;50 To 100, Deduct</i>	-6.56	
			<i>For &gt;100, Deduct</i>	-7.88	
			<i>For Glow-In-Dark, Add</i>	15.75	
			<i>For Reflective Finish, Add</i>	19.69	
10 14 23 00-0048			<b>90 Degree, Projection Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0001)</small>		
10 14 23 00-0049			<b>Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 00-0048)</small>		
10 14 23 00-0050	EA		Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	19.92	6.81
			<i>For &gt;25 To 50, Deduct</i>	-0.63	
			<i>For &gt;50 To 100, Deduct</i>	-1.58	
			<i>For &gt;100, Deduct</i>	-1.89	
			<i>For Glow-In-Dark, Add</i>	3.78	
			<i>For Reflective Finish, Add</i>	4.73	
10 14 23 00-0051	EA		>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	25.17	6.81
			<i>For &gt;25 To 50, Deduct</i>	-1.16	
			<i>For &gt;50 To 100, Deduct</i>	-2.89	
			<i>For &gt;100, Deduct</i>	-3.47	
			<i>For Glow-In-Dark, Add</i>	6.93	
			<i>For Reflective Finish, Add</i>	8.66	
10 14 23 00-0052	EA		>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	36.72	6.81
			<i>For &gt;25 To 50, Deduct</i>	-2.31	
			<i>For &gt;50 To 100, Deduct</i>	-5.78	
			<i>For &gt;100, Deduct</i>	-6.93	
			<i>For Glow-In-Dark, Add</i>	13.86	
			<i>For Reflective Finish, Add</i>	17.33	
10 14 23 00-0053	EA		>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	40.92	6.81
			<i>For &gt;25 To 50, Deduct</i>	-2.73	
			<i>For &gt;50 To 100, Deduct</i>	-6.83	
			<i>For &gt;100, Deduct</i>	-8.19	
			<i>For Glow-In-Dark, Add</i>	16.38	
			<i>For Reflective Finish, Add</i>	20.48	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

10 14 23 00-0054	Triangle, Projection Mount, Indoor/Outdoor Signs (10 14 23 00-0001)		
10 14 23 00-0055	Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs (10 14 23 00-0054)		
10 14 23 00-0056	EA Up To 25 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	21.50	6.81
	For >25 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-1.97	
	For >100, Deduct	-2.36	
	For Glow-In-Dark, Add	4.73	
	For Reflective Finish, Add	5.91	
10 14 23 00-0057	EA >25 To 50 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	29.37	6.81
	For >25 To 50, Deduct	-1.58	
	For >50 To 100, Deduct	-3.94	
	For >100, Deduct	-4.73	
	For Glow-In-Dark, Add	9.45	
	For Reflective Finish, Add	11.81	
10 14 23 00-0058	EA >50 To 100 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	32.52	6.81
	For >25 To 50, Deduct	-1.89	
	For >50 To 100, Deduct	-4.73	
	For >100, Deduct	-5.67	
	For Glow-In-Dark, Add	11.34	
	For Reflective Finish, Add	14.18	
10 14 23 00-0059	EA >100 To 150 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	36.72	6.81
	For >25 To 50, Deduct	-2.31	
	For >50 To 100, Deduct	-5.78	
	For >100, Deduct	-6.93	
	For Glow-In-Dark, Add	13.86	
	For Reflective Finish, Add	17.33	
10 14 23 00-0060	Adhesive Backed Vinyl Characters (10 14 23) Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 00-0061	EA 1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	1.47	0.39
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.27	
10 14 23 00-0062	EA 3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	1.54	0.45
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.28	
10 14 23 00-0063	EA 1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	1.60	0.50
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.30	
10 14 23 00-0064	EA 1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	2.10	0.58
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.37	
10 14 23 00-0065	EA 2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	2.19	0.68
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.40	
10 14 23 00-0066	EA 3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	3.14	0.77
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.58	
10 14 23 00-0067	EA 4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	3.41	0.87
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.65	
10 14 23 00-0068	EA 6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	4.63	0.98
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.90	
10 14 23 00-0069	EA 8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	5.72	1.07
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.18	
10 14 23 00-0070	EA 10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	7.37	1.17
	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.54	
10 14 23 00-0071	Removal And Reinstallation Of Building Signage (10 14 23) Note: Includes storage and cleaning.		
10 14 23 00-0072	EA Remove And Reinstall Building Signage, Exterior Up To 4 SF .....	83.70	
10 14 23 00-0073	EA Remove And Reinstall Building Signage, Exterior >4 To 12 SF .....	96.78	
10 14 23 00-0074	EA Remove And Reinstall Building Signage, >12 To 20 SF .....	108.74	
10 14 23 00-0075	EA Remove And Reinstall Interior Door And Office Signage, Up To 4SF .....	29.19	
10 14 23 00-0076	Building Sign (10 14 23) Note: Includes 4" numbers painted on. Installed on building.		
10 14 23 00-0077	EA 6" x 18" Metal Building Sign With Numbers .....	101.47	11.68
10 14 23 00-0078	SF Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts .....	33.27	3.35
10 14 23 00-0079	SF Single Sided, Molding On One Side, For Mounting On Structure Up To 20' .....	23.83	3.10
10 14 23 00-0080	EA Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep .....	10.92	2.63
10 14 23 00-0081	EA Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep .....	12.56	2.87
10 14 23 00-0082	EA Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep .....	13.76	3.10
10 14 23 00-0083	EA Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep .....	16.12	3.35
10 14 29	Wall Or Ground Mounted Signs (10 14) Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.		
10 14 29 00-0001	Illuminated Signage (10 14 29)		
10 14 29 00-0002	Removal Of Sign Cabinets (10 14 29 00-0001)		
10 14 29 00-0003	EA Removal Of Sign Cabinet, 1 To 4.9 SF .....	149.86	
10 14 29 00-0004	EA Removal Of Sign Cabinet, 5 To 9.9 SF .....	179.84	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 29 00-0005 EA Removal Of Sign Cabinet, 10 To 19.9 SF.....	239.77	
10 14 29 00-0006 EA Removal Of Sign Cabinet, 20 To 29.9 SF.....	359.67	
10 14 29 00-0007 EA Removal Of Sign Cabinet, >30 SF.....	479.53	
<b>10 14 29 00-0008 Fabricate And Install New Sign Cabinets</b> <small>(10 14 29 00-0001)</small>		
10 14 29 00-0009 SF 1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	209.22	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-10.46	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-15.69	
<i>For &gt;20 Per Each Sign, Deduct</i>	-20.92	
10 14 29 00-0010 SF 5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	170.87	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-8.54	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-12.82	
<i>For &gt;20 Per Each Sign, Deduct</i>	-17.09	
10 14 29 00-0011 SF 10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	139.40	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-6.97	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-10.46	
<i>For &gt;20 Per Each Sign, Deduct</i>	-13.94	
10 14 29 00-0012 SF 20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	125.92	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-6.30	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-9.44	
<i>For &gt;20 Per Each Sign, Deduct</i>	-12.59	
10 14 29 00-0013 SF =>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted .....	114.66	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-5.73	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-8.60	
<i>For &gt;20 Per Each Sign, Deduct</i>	-11.47	
<b>10 14 29 00-0014 Fabricate And Install New Sign Face, Material And Legend</b> <small>(10 14 29 00-0001)</small>		
10 14 29 00-0015 SF 1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	56.22	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-2.81	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-4.22	
<i>For &gt;20 Per Each Sign, Deduct</i>	-5.62	
10 14 29 00-0016 SF 5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	44.95	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-2.25	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-3.37	
<i>For &gt;20 Per Each Sign, Deduct</i>	-4.50	
10 14 29 00-0017 SF 10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	36.02	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-1.80	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-2.70	
<i>For &gt;20 Per Each Sign, Deduct</i>	-3.60	
10 14 29 00-0018 SF 20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	29.27	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-1.46	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-2.20	
<i>For &gt;20 Per Each Sign, Deduct</i>	-2.93	
10 14 29 00-0019 SF =>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	23.42	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-1.17	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-1.76	
<i>For &gt;20 Per Each Sign, Deduct</i>	-2.34	
<b>10 14 29 00-0020 Posts</b> <small>(10 14 29)</small>		
Note: Includes mounting bolts and installation for sign blades to posts.		
10 14 29 00-0021 LF 2" Square Galvanized Steel Post.....	11.23	
<i>For Powder Coating, Add</i>	0.55	
10 14 29 00-0022 LF 2-3/8" Diameter Galvanized Steel Post.....	10.82	
<i>For Powder Coating, Add</i>	0.52	
10 14 29 00-0023 LF 2" Diameter TREX Post .....	6.14	
10 14 29 00-0024 EA Mounting On Ground With Base .....	38.76	
Note: Includes bolts and drilling for bolts.		
10 14 29 00-0025 EA Mid Post Mounted Rotating Sign With Graphics .....	212.24	
<i>For &gt;5 To 11, Deduct</i>	-10.61	
<i>For &gt;11 To 20, Deduct</i>	-15.92	
<i>For &gt;20, Deduct</i>	-21.22	
<b>10 14 31 Overhead And Ceiling Hung Signs</b> <small>(10 14)</small>		
Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.		
10 14 31 00-0001 Illuminated Signage <small>(10 14 31)</small>		
10 14 31 00-0002 Removal Of Sign Cabinets <small>(10 14 31 00-0001)</small>		
10 14 31 00-0003 EA Removal Of Sign Cabinet, 1 To 4.9 SF.....	164.85	
10 14 31 00-0004 EA Removal Of Sign Cabinet, 5 To 9.9 SF.....	197.82	
10 14 31 00-0005 EA Removal Of Sign Cabinet, 10 To 19.9 SF.....	263.76	
10 14 31 00-0006 EA Removal Of Sign Cabinet, 20 To 29.9 SF.....	395.64	
10 14 31 00-0007 EA Removal Of Sign Cabinet, >30 SF.....	527.43	
<b>10 14 31 00-0008 Fabricate And Install New Sign Cabinets</b> <small>(10 14 31 00-0001)</small>		
10 14 31 00-0009 SF 1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	231.86	
<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-11.59	
<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-17.39	
<i>For &gt;20 Per Each Sign, Deduct</i>	-23.19	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 31 00-0010	SF	5 To 9.9 SF,	Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	189.33	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-9.47	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-14.20	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-18.93	
10 14 31 00-0011	SF	10 To 19.9 SF,	Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	154.44	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-7.72	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-11.58	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-15.44	
10 14 31 00-0012	SF	20 To 29.9 SF,	Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	139.52	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-6.98	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-10.46	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-13.95	
10 14 31 00-0013	SF	=>30 SF,	Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	127.03	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-6.35	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-9.53	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-12.70	
<b>10 14 31 00-0014</b>			<b>Fabricate And Install New Sign Face, Material And Legend</b> <small>(10 14 31 00-0001)</small>		
10 14 31 00-0015	SF	1 To 4.9 SF,	Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	21.92	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-1.10	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-1.64	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-2.19	
10 14 31 00-0016	SF	5 To 9.9 SF,	Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	17.53	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-0.88	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-1.31	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-1.75	
10 14 31 00-0017	SF	10 To 19.9 SF,	Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	14.61	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-0.73	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-1.10	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-1.46	
10 14 31 00-0018	SF	20 To 29.9 SF,	Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	12.66	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-0.63	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-0.95	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-1.27	
10 14 31 00-0019	SF	=>30 SF,	Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	11.20	
			<i>For &gt;5 To 11 Per Each Sign, Deduct</i>	-0.56	
			<i>For &gt;11 To 20 Per Each Sign, Deduct</i>	-0.84	
			<i>For &gt;20 Per Each Sign, Deduct</i>	-1.12	
<b>10 14 43</b>			<b>Photoluminescent Signage</b> <small>(10 14)</small>		
<b>10 14 43 00-0001</b>			<b>Photoluminescent Illuminated Signage</b> <small>(10 14 43)</small>		
10 14 43 00-0002	EA	4-1/2" x 8"	Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount .....	28.66	4.87
			<i>For &gt;25 To 50, Deduct</i>	-1.89	
			<i>For &gt;50 To 100, Deduct</i>	-4.73	
			<i>For &gt;100, Deduct</i>	-5.68	
10 14 43 00-0003	EA	4-1/2" x 13"	Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount .....	31.74	4.87
			<i>For &gt;25 To 50, Deduct</i>	-2.20	
			<i>For &gt;50 To 100, Deduct</i>	-5.50	
			<i>For &gt;100, Deduct</i>	-6.60	
10 14 43 00-0004	EA	8" x 10"	Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount.....	35.97	4.87
			<i>For &gt;25 To 50, Deduct</i>	-2.62	
			<i>For &gt;50 To 100, Deduct</i>	-6.56	
			<i>For &gt;100, Deduct</i>	-7.87	
<b>10 14 56</b>			<b>Bridge Signage</b> <small>(10 14)</small>		
<b>10 14 56 00-0001</b>			<b>Bridge And Truss Mounted Signs</b> <small>(10 14 56)</small>		
<b>10 14 56 00-0002</b>			<b>Removal Of Bridge And Truss Mounted Signs</b> <small>(10 14 56 00-0001)</small>		
10 14 56 00-0003	CF		Removal Of Foundation, Including Excavation .....	8.27	
10 14 56 00-0004	LF		Removal Of Truss And Supports .....	131.37	
10 14 56 00-0005	SF		Removal Of Sign Face .....	6.01	
10 14 56 00-0006	SF		Removal Of Legend.....	10.01	
10 14 56 00-0007	EA		Removal Of Changeable Message Panel .....	115.50	
10 14 56 00-0008	EA		Removal Of Posts And Supports, Per Post.....	60.05	
<b>10 14 56 00-0009</b>			<b>Fabricate And Install Bridge And Truss Mounted Signs</b> <small>(10 14 56 00-0001)</small>		
10 14 56 00-0010	CY		Foundation For Sign Excavation, Backfill, Compaction, Concrete, Rebar, Forms And Finish .....	369.27	
10 14 56 00-0011	LF		Telescoping Steel Ground Posts.....	49.43	
10 14 56 00-0012	LF		Overhead Steel Mounting Framework .....	818.41	
10 14 56 00-0013	LB		Ground Mounted Steel Structure .....	3.17	
<b>10 14 56 00-0014</b>			<b>Fabricate And Install New 12" Extruded Aluminum Channel</b> <small>(10 14 56 00-0001)</small>		
			Note: Includes reflective face with reflective legend.		
10 14 56 00-0015	SF	1 To 49.9 SF,	12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	43.46	
10 14 56 00-0016	SF	50 To 99.9 SF,	12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	38.50	
10 14 56 00-0017	SF	100 To 149.9 SF,	12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	34.31	
10 14 56 00-0018	SF	>150 SF,	12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	30.79	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 56 00-0019	Fabricate And Install New Reflective Messages On Sign Face <small>(10 14 56 00-0001)</small>		
10 14 56 00-0020	One Color/3 Dimensional Demountable Letters <small>(10 14 56 00-0019)</small>		
10 14 56 00-0021	EA 6" Capital Height Letter.....	17.16	
10 14 56 00-0022	EA 8" Capital Height Letter.....	20.79	
10 14 56 00-0023	EA 10" Capital Height Letter.....	24.39	
10 14 56 00-0024	EA 12" Capital Height Letter.....	27.75	
10 14 56 00-0025	EA 14" Capital Height Letter.....	30.27	
10 14 56 00-0026	Two Color Legend Shields-Die Cut Vinyl Engineer Grade <small>(10 14 56 00-0019)</small>		
10 14 56 00-0027	EA 6" Legend/Shields.....	18.01	
10 14 56 00-0028	EA 8" Legend/Shields.....	21.92	
10 14 56 00-0029	EA 10" Legend/Shields.....	25.80	
10 14 56 00-0030	EA 12" Legend/Shields.....	29.44	
10 14 56 00-0031	EA 14" Legend/Shields.....	32.26	
10 14 56 00-0032	Fabricate And Install New Changeable Message Panel <small>(10 14 56 00-0001)</small>		
10 14 56 00-0033	SF One Color Hi-Intensity Die Cut Vinyl Letters on Demountable Panel.....	19.81	
<b>10 14 63</b>	<b>Electronic Message Signage <small>(10 14)</small></b>		
10 14 63 00-0001	Dynamic Signs <small>(10 14 63)</small>		
10 14 63 00-0002	Programming/Software And Repair <small>(10 14 63 00-0001)</small>		
10 14 63 00-0003	HR Programming Message, Graphic Visuals, Movement Of Message, And Timing Of Visuals On Screen .....	109.72	
10 14 63 00-0004	HR Repair/Replacement Of Electronic Sign And Computer Components .....	68.57	
10 14 63 00-0005	HR Repair Flip Disks Or Light Source.....	68.57	
10 14 63 00-0006	Fabricate And Install New Sign Cabinets <small>(10 14 63 00-0001)</small>		
10 14 63 00-0007	Cabinet For Flip Disk Display <small>(10 14 63 00-0006)</small>		
10 14 63 00-0008	SF 1 To 99 SF Cabinet.....	133.50	
10 14 63 00-0009	SF 100 To 200 SF Cabinet.....	110.35	
10 14 63 00-0010	Fabricate And Install New Sign Face Components <small>(10 14 63 00-0001)</small>		
10 14 63 00-0011	Enhanced Flip Disk Display <small>(10 14 63 00-0010)</small>		
10 14 63 00-0012	EA Enhanced Flip Disk.....	107.08	
10 14 63 00-0013	SF Lexan Lens For Flip Disk Sign.....	42.02	
10 14 63 00-0014	Disappearing Copy Sign <small>(10 14 63 00-0010)</small>		
10 14 63 00-0015	SF 1 To 49.9 SF, Disappearing Copy Sign .....	27.46	
10 14 63 00-0016	SF =>50 SF, Disappearing Copy Sign .....	19.79	
10 14 63 00-0017	Fabricate And Install Transfer Lights And Signs <small>(10 14 63 00-0001)</small>		
10 14 63 00-0018	EA Passenger Transfer Signage.....	465.24	

10 20 Interior Specialties (10)

10 21 Compartments And Cubicles (10 20)

10 21 13 Toilet Compartments (10 21)

10 21 13 13 Metal Toilet Compartments (10 21 13)

10 21 13 13-0001	Enamel Coated Steel Toilet Partitions And Urinal Screens <small>(10 21 13 13)</small>		
	Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002	Enamel Coated Steel Toilet Partitions <small>(10 21 13 13-0001)</small>		
	Note: All colors.		
10 21 13 13-0003	Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
10 21 13 13-0004	EA 36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	587.98	53.81
	For >10, Deduct	-48.04	
	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
10 21 13 13-0005	EA 60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	717.35	58.59
	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	767.67	60.98
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 13-0007</b>		<b>Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions</b> (10 21 13 13-0002) Note: Includes headrail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	602.75	65.76
		<i>For &gt;10, Deduct</i>	-47.12	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	705.89	70.55
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	747.76	72.94
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 13-0011</b>		<b>Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions</b> (10 21 13 13-0002) Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	711.32	77.72
		<i>For &gt;10, Deduct</i>	-55.59	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	837.15	82.50
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	880.99	84.89
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 13-0015</b>		<b>Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions</b> (10 21 13 13-0002) Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	673.41	89.68
		<i>For &gt;10, Deduct</i>	-49.41	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	821.03	94.46
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	870.05	96.85
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 13-0019</b>		<b>Enamel Coated Steel Urinal Screens</b> (10 21 13 13-0001) Note: All colors.		
<b>10 21 13 13-0020</b>		<b>Floor Anchored, Enamel Coated Steel, Urinal Screens</b> (10 21 13 13-0019)		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	306.52	33.46
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	340.98	35.85
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	376.55	38.24
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 13-0024</b>		<b>Wall Hung, Enamel Coated Steel, Urinal Screens</b> (10 21 13 13-0019)		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	164.60	28.68
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	177.38	31.07
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	186.71	33.46
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 13-0028</b>		<b>Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens</b> (10 21 13 13-0019)		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen.....	218.40	31.07
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 13-0030</b>		<b>Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens</b> (10 21 13 13-0019)		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	248.11	31.07
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	264.30	33.46
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	280.49	35.85
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13	13-0034		<b>Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13-0019)</small>		
10 21 13	13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	281.42 25.12	33.46
10 21 13	13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	302.17 25.12	35.85
10 21 13	13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	335.48 25.12	38.24
10 21 13	13-0038		<b>Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 13-0001)</small> Note: All colors.		
10 21 13	13-0039		<b>Enamel Coated Steel, Toilet Partition Doors</b> <small>(10 21 13 13-0038)</small>		
10 21 13	13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	192.56 40.42	9.57
10 21 13	13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	197.13 40.42	9.57
10 21 13	13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	208.83 40.42	10.28
10 21 13	13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	229.37 40.42	10.28
10 21 13	13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	233.94 40.42	10.28
10 21 13	13-0045		<b>Enamel Coated Steel, Toilet Partition Panels</b> <small>(10 21 13 13-0038)</small>		
10 21 13	13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	131.39 25.12	14.35
10 21 13	13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	145.19 25.12	15.54
10 21 13	13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	158.99 25.12	16.74
10 21 13	13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	172.79 25.12	17.94
10 21 13	13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	186.60 25.12	19.13
10 21 13	13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	200.39 25.12	20.33
10 21 13	13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	213.06 25.12	21.52
10 21 13	13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	226.86 25.12	22.72
10 21 13	13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	236.09 25.12	23.92
10 21 13	13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	241.61 42.00 25.12	24.39
10 21 13	13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	248.75 42.00 25.12	25.11
10 21 13	13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	272.83 42.00 25.12	26.30
10 21 13	13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel ..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	293.47 42.00 25.12	27.50
10 21 13	13-0059		<b>70" Long, Enamel Coated Steel, Toilet Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13	13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	103.35 25.12	7.17
10 21 13	13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	113.72 25.12	8.37
10 21 13	13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	125.24 25.12	9.57
10 21 13	13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	145.89 25.12	10.76
10 21 13	13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	165.40 25.12	11.95
10 21 13	13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	184.90 25.12	13.16
10 21 13	13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	240.93 25.12	14.35
10 21 13	13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	277.55 25.12	15.54
10 21 13	13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	298.19 25.12	16.74
10 21 13	13-0069		<b>82" Long, Enamel Coated Steel, Toilet Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13	13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	81.67 25.12	7.17

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0071	EA		5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	88.62	8.37
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0072	EA		6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	96.72	9.57
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0073	EA		8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	109.38	10.76
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0074	EA		10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	120.90	11.95
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0075	EA		12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	133.55	13.16
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0076	EA		18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	166.76	14.35
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0077	EA		22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	188.55	15.54
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0078	EA		24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	201.21	16.74
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 13-0079</b>			<b>96" To 120" Long, Enamel Coated Steel, Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0080	EA		Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	113.83	9.57
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0081	EA		5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	124.21	10.76
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0082	EA		6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	135.74	11.95
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0083	EA		8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	156.37	13.16
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0084	EA		10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	175.89	14.35
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0085	EA		12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	195.39	15.54
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0086	EA		18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	251.41	16.74
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0087	EA		22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	288.03	17.94
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 13-0088	EA		24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	308.69	19.13
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 13-0089</b>			<b>Stainless Steel Toilet Partitions And Urinal Screens</b> <small>(10 21 13 13)</small>		
			Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
<b>10 21 13 13-0090</b>			<b>Stainless Steel Toilet Partitions</b> <small>(10 21 13 13-0089)</small>		
<b>10 21 13 13-0091</b>			<b>Floor Anchored, Stainless Steel, Complete Toilet Partitions</b> <small>(10 21 13 13-0090)</small>		
10 21 13 13-0092	EA		36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,829.62	53.81
			<i>For &gt;10, Deduct</i>	-172.20	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	602.70	
10 21 13 13-0093	EA		60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,221.09	58.59
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	736.37	
10 21 13 13-0094	EA		60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,327.08	60.98
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	771.79	
<b>10 21 13 13-0095</b>			<b>Overhead Braced, Stainless Steel, Complete Toilet Partitions</b> <small>(10 21 13 13-0090)</small>		
			Note: Includes headrail.		
10 21 13 13-0096	EA		36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,511.37	65.76
			<i>For &gt;10, Deduct</i>	-137.99	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	482.95	
10 21 13 13-0097	EA		60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,857.44	70.55
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	600.72	
10 21 13 13-0098	EA		60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,031.41	72.94
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For Diamond Pattern Finish, Add</i>	659.94	
<b>10 21 13 13-0099</b>			<b>Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions</b> <small>(10 21 13 13-0090)</small>		
			Note: Excludes above ceiling steel.		





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0100 EA 36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,118.42 -196.30 90.66 687.04	77.72
10 21 13 13-0101 EA 60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,273.69 90.66 738.04	82.50
10 21 13 13-0102 EA 60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,382.91 90.66 774.59	84.89
<b>10 21 13 13-0103 Ceiling Hung, Stainless Steel, Complete Toilet Partitions</b> (10 21 13 13-0090) Note: Excludes above ceiling steel.		
10 21 13 13-0104 EA 36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,098.47 -191.91 90.66 671.69	89.68
10 21 13 13-0105 EA 60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,581.65 90.66 837.46	94.46
10 21 13 13-0106 EA 60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,719.30 90.66 883.96	96.85
<b>10 21 13 13-0107 Stainless Steel Urinal Screens</b> (10 21 13 13-0089)		
<b>10 21 13 13-0108 Floor Anchored, Stainless Steel, Urinal Screens</b> (10 21 13 13-0107)		
10 21 13 13-0109 EA 24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	574.57 25.12 177.68	33.46
10 21 13 13-0110 EA 36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	654.17 25.12 203.86	35.85
10 21 13 13-0111 EA 48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	665.07 25.12 206.01	38.24
<b>10 21 13 13-0112 Wall Hung, Stainless Steel, Urinal Screens</b> (10 21 13 13-0107)		
10 21 13 13-0113 EA 18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	417.51 25.12 126.06	28.68
10 21 13 13-0114 EA 24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	451.71 25.12 136.35	31.07
10 21 13 13-0115 EA 30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	493.99 25.12 149.48	33.46
<b>10 21 13 13-0116 Wall Hung And Post Supported, Stainless Steel, Urinal Screens</b> (10 21 13 13-0107)		
10 21 13 13-0117 EA 18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	706.68 25.12 225.59	31.07
10 21 13 13-0118 EA 24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	739.01 25.12 235.24	33.46
10 21 13 13-0119 EA 30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	771.17 25.12 244.82	35.85
<b>10 21 13 13-0120 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens</b> (10 21 13 13-0107)		
10 21 13 13-0121 EA 22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	574.57 25.12 177.68	33.46
10 21 13 13-0122 EA 34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	654.16 25.12 203.86	35.85
10 21 13 13-0123 EA 46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	737.26 25.12 231.28	38.24
<b>10 21 13 13-0124 Stainless Steel Toilet Partition Doors, Panels And Pilasters</b> (10 21 13 13-0089)		
<b>10 21 13 13-0125 Stainless Steel, Toilet Partition Doors</b> (10 21 13 13-0124)		
10 21 13 13-0126 EA 24" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	403.16 40.42 134.41	9.57

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0127	EA		26" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	463.81 40.42 155.64	9.57
10 21 13 13-0128	EA		30" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	474.61 40.42 158.58	10.76
10 21 13 13-0129	EA		34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	492.11 40.42 164.71	10.76
10 21 13 13-0130	EA		36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	496.99 40.42 166.41	10.76
<b>10 21 13 13-0131</b>			<b>Stainless Steel, Toilet Partition Panels</b> <small>(1021 13 13-0124)</small>		
10 21 13 13-0132	EA		6" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	336.85 25.12 107.85	14.35
10 21 13 13-0133	EA		12" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	374.83 25.12 120.31	15.54
10 21 13 13-0134	EA		18" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	389.53 25.12 124.62	16.74
10 21 13 13-0135	EA		24" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	406.55 25.12 129.74	17.94
10 21 13 13-0136	EA		30" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	436.60 25.12 139.42	19.13
10 21 13 13-0137	EA		36" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	471.89 25.12 150.93	20.33
10 21 13 13-0138	EA		42" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	556.37 25.12 179.66	21.52
10 21 13 13-0139	EA		48" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	610.77 25.12 197.87	22.72
10 21 13 13-0140	EA		55" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	625.48 25.12 202.18	23.92
10 21 13 13-0141	EA		58" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	657.91 25.12 213.20	24.39
10 21 13 13-0142	EA		60" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	700.42 25.12 227.57	25.11
10 21 13 13-0143	EA		70" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	733.91 25.12 238.45	26.30
10 21 13 13-0144	EA		78" x 58" x 1", Stainless Steel, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	807.86 25.12 263.50	27.50
<b>10 21 13 13-0145</b>			<b>70" Long, Stainless Steel, Toilet Partition Pilasters</b> <small>(1021 13 13-0124)</small>		
10 21 13 13-0146	EA		Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	238.84 25.12 78.57	7.17
10 21 13 13-0147	EA		5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	259.02 25.12 84.80	8.37
10 21 13 13-0148	EA		6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	280.58 25.12 91.51	9.57
10 21 13 13-0149	EA		8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	319.93 25.12 104.44	10.76
10 21 13 13-0150	EA		10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	359.29 25.12 117.38	11.95
10 21 13 13-0151	EA		12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	398.62 25.12 130.31	13.16
10 21 13 13-0152	EA		18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	510.53 25.12 168.64	14.35
10 21 13 13-0153	EA		22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	586.84 25.12 194.51	15.54
10 21 13 13-0154	EA		24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	626.19 25.12 207.45	16.74



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 21 13 13-0155</b>			<b>82" Long, Stainless Steel, Toilet Partition Pilasters</b> (10 21 13 13-0124)		
10 21 13 13-0156	EA		Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	179.35 25.12 57.75	7.17
10 21 13 13-0157	EA		5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	193.03 25.12 61.70	8.37
10 21 13 13-0158	EA		6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	207.29 25.12 65.86	9.57
10 21 13 13-0159	EA		8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	272.31 25.12 87.78	10.76
10 21 13 13-0160	EA		10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	307.71 25.12 99.33	11.95
10 21 13 13-0161	EA		12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	316.93 25.12 101.72	13.16
10 21 13 13-0162	EA		18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	360.19 25.12 116.02	14.35
10 21 13 13-0163	EA		22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	407.52 25.12 131.75	15.54
10 21 13 13-0164	EA		24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	432.20 25.12 139.55	16.74
<b>10 21 13 13-0165</b>			<b>96" To 120" Long, Stainless Steel, Toilet Partition Pilasters</b> (10 21 13 13-0124)		
10 21 13 13-0166	EA		Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	258.68 25.12 83.84	9.57
10 21 13 13-0167	EA		5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	282.97 25.12 91.51	10.76
10 21 13 13-0168	EA		6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	305.90 25.12 98.69	11.95
10 21 13 13-0169	EA		8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	352.08 25.12 114.02	13.16
10 21 13 13-0170	EA		10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	396.92 25.12 128.88	14.35
10 21 13 13-0171	EA		12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	441.74 25.12 143.73	15.54
10 21 13 13-0172	EA		18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	574.17 25.12 189.24	16.74
10 21 13 13-0173	EA		22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	661.43 25.12 218.95	17.94
10 21 13 13-0174	EA		24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... For Heavy Gauge Full-Height SS Brackets, Add For Diamond Pattern Finish, Add	707.63 25.12 234.28	19.13
<b>10 21 13 16</b>			<b>Plastic-Laminate-Clad Toilet Compartments</b> (10 21 13)		
<b>10 21 13 16-0001</b>			<b>Laminated Plastic Toilet Partitions And Urinal Screens</b> (10 21 13 16) Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.		
<b>10 21 13 16-0002</b>			<b>Laminated Plastic Toilet Partitions</b> (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
<b>10 21 13 16-0003</b>			<b>Floor Anchored, Laminated Plastic, Complete Toilet Partitions</b> (10 21 13 16-0002)		
10 21 13 16-0004	EA		36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition ..... For >10, Deduct For Cast Stainless Steel Hardware, Add For Heavy Gauge Full-Height SS Hinges And Brackets, Add	549.66 -44.20 72.88 90.66	53.81
10 21 13 16-0005	EA		60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... For Cast Stainless Steel Hardware, Add For Heavy Gauge Full-Height SS Hinges And Brackets, Add	672.40 72.89 90.66	58.59

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments And Cubicles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	723.66 72.90 90.66	60.98
<b>10 21</b>	<b>13 16-0007</b>		<b>Overhead Braced, Laminated Plastic, Complete Toilet Partitions</b> (10 21 13 16-0002) Note: Includes headrail.		
10 21	13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For &gt;10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	595.14 -46.36 72.91 90.66	65.76
10 21	13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	723.28 72.92 90.66	70.55
10 21	13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	778.59 72.92 90.66	72.94
<b>10 21</b>	<b>13 16-0011</b>		<b>Ceiling Hung, Laminated Plastic, Complete Toilet Partitions</b> (10 21 13 16-0002) Note: Excludes above ceiling steel.		
10 21	13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For &gt;10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	795.78 -61.64 72.96 90.66	89.68
10 21	13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	928.06 72.97 90.66	94.46
10 21	13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	979.33 72.98 90.66	96.85
<b>10 21</b>	<b>13 16-0015</b>		<b>Laminated Plastic Urinal Screens</b> (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
<b>10 21</b>	<b>13 16-0016</b>		<b>Floor Anchored, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21	13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	231.77 25.12	33.46
10 21	13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	252.73 25.12	35.85
10 21	13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	260.68 25.12	38.24
<b>10 21</b>	<b>13 16-0020</b>		<b>Wall Hung, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21	13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	180.06 25.12	28.68
10 21	13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	189.47 25.12	31.07
10 21	13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	198.44 25.12	33.46
<b>10 21</b>	<b>13 16-0024</b>		<b>Wall Hung And Post Supported, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21	13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	238.90 25.12	31.07
10 21	13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	262.11 25.12	33.46
10 21	13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	287.27 25.12	35.85
<b>10 21</b>	<b>13 16-0028</b>		<b>Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21	13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	220.54 25.12	31.07
10 21	13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	241.95 25.12	33.46
10 21	13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	249.64 25.12	35.85
<b>10 21</b>	<b>13 16-0032</b>		<b>Laminated Plastic Toilet Partition Doors, Panels And Pilasters</b> (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
<b>10 21</b>	<b>13 16-0033</b>		<b>Laminated Plastic, Toilet Partition Doors</b> (10 21 13 16-0032)		
10 21	13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	182.55 40.42	9.57



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	198.43 40.42	9.57
10 21	13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	205.15 40.42	10.76
10 21	13 16-0037	EA	34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	210.06 40.42	10.76
10 21	13 16-0038	EA	36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	214.68 40.42	10.76
<b>10 21 13 16-0039 Laminated Plastic, Toilet Partition Panels (10 21 13 16-0032)</b>					
10 21	13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	93.06 25.12	14.35
10 21	13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	102.94 25.12	15.54
10 21	13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	112.81 25.12	16.74
10 21	13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	123.07 25.12	17.94
10 21	13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	132.57 25.12	19.13
10 21	13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	142.86 25.12	20.33
10 21	13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	146.14 25.12	21.52
10 21	13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	149.96 25.12	22.72
10 21	13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	157.85 25.12	23.92
10 21	13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	164.41 25.12	24.39
10 21	13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	171.77 25.12	25.11
10 21	13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	195.83 25.12	26.30
10 21	13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	223.04 25.12	27.50
<b>10 21 13 16-0053 69" Long, Laminated Plastic, Toilet Partition Pilasters (10 21 13 16-0032)</b>					
10 21	13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	75.85 5.07 25.12 61.50	7.17
10 21	13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	87.48 5.84 25.12 70.74	8.37
10 21	13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	89.87 5.84 25.12 70.74	9.57
10 21	13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	99.19 6.41 25.12 77.67	10.76
10 21	13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	103.61 6.57 25.12 79.69	11.95
10 21	13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	112.63 7.12 25.12 86.33	13.16
10 21	13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	143.32 9.46 25.12 114.62	14.35
10 21	13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	173.43 11.74 25.12 142.34	15.54
10 21	13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster ..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	194.59 13.29 25.12 161.11	16.74
<b>10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters (10 21 13 16-0032)</b>					
10 21	13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	148.61 11.08 25.12 134.26	7.17

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0065	EA		5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	164.28	8.37
			<i>For 1-1/4" Pilaster, Add</i>	12.17	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	147.54	
10 21 13 16-0066	EA		6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	166.67	9.57
			<i>For 1-1/4" Pilaster, Add</i>	12.17	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	147.54	
10 21 13 16-0067	EA		8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	180.32	10.76
			<i>For 1-1/4" Pilaster, Add</i>	13.10	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	158.80	
10 21 13 16-0068	EA		10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	196.87	11.95
			<i>For 1-1/4" Pilaster, Add</i>	14.27	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	172.95	
10 21 13 16-0069	EA		12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	210.22	13.16
			<i>For 1-1/4" Pilaster, Add</i>	15.17	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	183.92	
10 21 13 16-0070	EA		18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	261.56	14.35
			<i>For 1-1/4" Pilaster, Add</i>	19.21	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	232.86	
10 21 13 16-0071	EA		22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	297.87	15.54
			<i>For 1-1/4" Pilaster, Add</i>	22.01	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	266.78	
10 21 13 16-0072	EA		24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	305.75	16.74
			<i>For 1-1/4" Pilaster, Add</i>	22.46	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For Steel Core Pilaster, Add</i>	272.27	

**10 21 13 19 Plastic Toilet Compartments (10 21 13)****10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10 21 13 19)**

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

**10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions (10 21 13 19-0001)**

Note: Includes all standard Columbia Partitions colors.

**10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002)**

Note: Includes headrail.

10 21 13 19-0004	EA		36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition .....	1,020.95	65.76
			<i>For &gt;10, Deduct</i>	-88.94	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	551.45	
10 21 13 19-0005	EA		60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,264.76	70.55
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	696.68	
10 21 13 19-0006	EA		60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,405.50	72.94
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	780.97	

**10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002)**

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA		36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partitiion.....	1,011.17	77.72
			<i>For &gt;10, Deduct</i>	-85.57	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	530.55	
10 21 13 19-0009	EA		60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,276.75	82.50
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	689.28	
10 21 13 19-0010	EA		60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,417.49	84.89
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	773.57	

**10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002)**

Note: Excludes above ceiling steel.



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0012 EA 36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,054.50 -87.51 90.66 542.59	89.68
10 21 13 19-0013 EA 60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,260.18 90.66 664.18	94.46
10 21 13 19-0014 EA 60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,400.93 90.66 748.48	96.85
<b>10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens</b> <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors.		
<b>10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0015)</small>		
10 21 13 19-0017 EA 18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	227.74 25.12 105.64	28.68
10 21 13 19-0018 EA 24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	239.24 25.12 109.80	31.07
<b>10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0015)</small>		
10 21 13 19-0020 EA 18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	293.73 25.12 143.59	31.07
10 21 13 19-0021 EA 24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	375.70 25.12 191.45	33.46
10 21 13 19-0022 EA 30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	418.50 25.12 215.02	35.85
<b>10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0015)</small>		
10 21 13 19-0024 EA 24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	298.51 25.12 143.59	33.46
10 21 13 19-0025 EA 36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	380.48 25.12 191.45	35.85
10 21 13 19-0026 EA 48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	454.80 25.12 234.56	38.24
<b>10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors.		
<b>10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors</b> <small>(10 21 13 19-0027)</small>		
10 21 13 19-0029 EA 24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	248.06 40.42 141.94	9.57
10 21 13 19-0030 EA 26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	268.90 40.42 154.86	9.57
10 21 13 19-0031 EA 30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	291.97 40.42 167.68	10.76
10 21 13 19-0032 EA 34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	334.13 40.42 193.82	10.76
10 21 13 19-0033 EA 36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	344.11 40.42 200.01	10.76
<b>10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels</b> <small>(10 21 13 19-0027)</small>		
10 21 13 19-0035 EA 6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	79.44 25.12 31.46	14.35
10 21 13 19-0036 EA 12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	132.58 25.12 62.92	15.54
10 21 13 19-0037 EA 18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	185.70 25.12 94.38	16.74

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0038	EA		24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	218.02 25.12 112.93	17.94
10 21 13 19-0039	EA		30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	265.96 25.12 141.17	19.13
10 21 13 19-0040	EA		36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	284.27 25.12 151.04	20.33
10 21 13 19-0041	EA		42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	320.13 25.12 171.79	21.52
10 21 13 19-0042	EA		48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	362.10 25.12 196.33	22.72
10 21 13 19-0043	EA		55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	396.18 25.12 215.98	23.92
10 21 13 19-0044	EA		58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	404.81 25.12 220.74	24.39
10 21 13 19-0045	EA		60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	418.52 25.12 228.35	25.11
10 21 13 19-0046	EA		70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	474.65 25.12 261.66	26.30
10 21 13 19-0047	EA		78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	512.20 25.12 283.46	27.50
<b>10 21 13 19-0048</b>			<b>82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> (10 21 13 19-0027)		
10 21 13 19-0049	EA		Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	112.10 25.12 60.61	7.17
10 21 13 19-0050	EA		5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	124.29 25.12 66.68	8.37
10 21 13 19-0051	EA		6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	134.76 25.12 71.69	9.57
10 21 13 19-0052	EA		8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	144.38 25.12 76.17	10.76
10 21 13 19-0053	EA		10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	162.21 25.12 85.74	11.95
10 21 13 19-0054	EA		12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	180.01 25.12 95.30	13.16
10 21 13 19-0055	EA		18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	250.12 25.12 137.28	14.35
10 21 13 19-0056	EA		22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	283.30 25.12 156.37	15.54
10 21 13 19-0057	EA		24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	308.61 25.12 170.58	16.74
<b>10 21 13 19-0058</b>			<b>96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> (10 21 13 19-0027)		
10 21 13 19-0059	EA		Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	136.20 25.12 72.58	9.57
10 21 13 19-0060	EA		5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	149.74 25.12 79.50	10.76
10 21 13 19-0061	EA		6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	164.85 25.12 87.38	11.95
10 21 13 19-0062	EA		8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	187.10 25.12 99.70	13.16
10 21 13 19-0063	EA		10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	209.58 25.12 112.15	14.35
10 21 13 19-0064	EA		12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	231.84 25.12 124.47	15.54
10 21 13 19-0065	EA		18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	299.71 25.12 165.06	16.74





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0066 EA 22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	335.99 25.12 186.07	17.94
10 21 13 19-0067 EA 24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	365.67 25.12 202.99	19.13
<b>10 21 13 19-0068 Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
<b>10 21 13 19-0069 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions</b> <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
<b>10 21 13 19-0070 Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> <small>(10 21 13 19-0069)</small> Note: Includes headrail.		
10 21 13 19-0071 EA 36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,332.25 -120.07 90.66 744.45	65.76
10 21 13 19-0072 EA 60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,658.06 90.66 940.52	70.55
10 21 13 19-0073 EA 60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,846.38 90.66 1,054.32	72.94
<b>10 21 13 19-0074 Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> <small>(10 21 13 19-0069)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0075 EA 36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,310.68 -115.52 90.66 716.25	77.72
10 21 13 19-0076 EA 60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,665.85 90.66 930.52	82.50
10 21 13 19-0077 EA 60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,854.18 90.66 1,044.32	84.89
<b>10 21 13 19-0078 Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> <small>(10 21 13 19-0069)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0079 EA 36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,360.80 -118.14 90.66 732.49	89.68
10 21 13 19-0080 EA 60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,635.11 90.66 896.64	94.46
10 21 13 19-0081 EA 60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,823.45 90.66 1,010.44	96.85
<b>10 21 13 19-0082 Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens</b> <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
<b>10 21 13 19-0083 Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0082)</small>		
10 21 13 19-0084 EA 18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	287.37 25.12 142.61	28.68
10 21 13 19-0085 EA 24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	299.04 25.12 146.88	31.07

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments And Cubicles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0086			<b>Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0082)</small>		
10 21 13 19-0087	EA		18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	479.00	31.07
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	258.46	
10 21 13 19-0088	EA		24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	546.48	33.46
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	297.33	
10 21 13 19-0089	EA		30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen.....	582.44	35.85
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	316.67	
10 21 13 19-0090			<b>Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0082)</small>		
10 21 13 19-0091	EA		24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen .....	379.56	33.46
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	193.84	
10 21 13 19-0092	EA		36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen .....	488.56	35.85
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	258.46	
10 21 13 19-0093	EA		48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen .....	587.22	38.24
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	316.67	
10 21 13 19-0094			<b>Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0068)</small>		
			Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095			<b>Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0096	EA		24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door .....	328.19	9.57
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
			<i>For NFPA Class A, Add</i>	191.62	
10 21 13 19-0097	EA		26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door .....	356.32	9.57
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
			<i>For NFPA Class A, Add</i>	209.06	
10 21 13 19-0098	EA		30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door .....	386.62	10.76
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
			<i>For NFPA Class A, Add</i>	226.36	
10 21 13 19-0099	EA		34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door.....	443.55	10.76
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
			<i>For NFPA Class A, Add</i>	261.66	
10 21 13 19-0100	EA		36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door.....	457.01	10.76
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
			<i>For NFPA Class A, Add</i>	270.00	
10 21 13 19-0101			<b>Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0102	EA		6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	97.20	14.35
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	42.47	
10 21 13 19-0103	EA		12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	168.09	15.54
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	84.94	
10 21 13 19-0104	EA		18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	238.98	16.74
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	127.41	
10 21 13 19-0105	EA		24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	281.76	17.94
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	152.45	
10 21 13 19-0106	EA		30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	345.64	19.13
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	190.57	
10 21 13 19-0107	EA		36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	369.53	20.33
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	203.91	
10 21 13 19-0108	EA		42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	417.11	21.52
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	231.92	
10 21 13 19-0109	EA		48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	472.93	22.72
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	265.04	
10 21 13 19-0110	EA		55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	518.10	23.92
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	291.57	
10 21 13 19-0111	EA		58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	529.41	24.39
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	297.99	



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Compartments And Cubicles</b>	<b>10 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0112	EA		60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	547.42 25.12 308.26	25.11
10 21 13 19-0113	EA		70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	622.36 25.12 353.24	26.30
10 21 13 19-0114	EA		78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	672.22 25.12 382.68	27.50
<b>10 21 13 19-0115</b>			<b>82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0116	EA		Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	146.31 25.12 81.82	7.17
10 21 13 19-0117	EA		5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	161.93 25.12 90.02	8.37
10 21 13 19-0118	EA		6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	175.23 25.12 96.78	9.57
10 21 13 19-0119	EA		8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	202.46 25.12 112.18	10.76
10 21 13 19-0120	EA		10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	227.60 25.12 126.28	11.95
10 21 13 19-0121	EA		12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	252.68 25.12 140.36	13.16
10 21 13 19-0122	EA		18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	327.61 25.12 185.32	14.35
10 21 13 19-0123	EA		22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	371.57 25.12 211.10	15.54
10 21 13 19-0124	EA		24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	404.91 25.12 230.29	16.74
<b>10 21 13 19-0125</b>			<b>96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0126	EA		Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	177.18 25.12 97.99	9.57
10 21 13 19-0127	EA		5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	194.62 25.12 107.32	10.76
10 21 13 19-0128	EA		6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	214.19 25.12 117.97	11.95
10 21 13 19-0129	EA		8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	243.38 25.12 134.59	13.16
10 21 13 19-0130	EA		10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	272.90 25.12 151.40	14.35
10 21 13 19-0131	EA		12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	302.10 25.12 168.03	15.54
10 21 13 19-0132	EA		18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	392.90 25.12 222.84	16.74
10 21 13 19-0133	EA		22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	441.03 25.12 251.20	17.94
10 21 13 19-0134	EA		24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	480.26 25.12 274.03	19.13
<b>10 21 13 19-0135</b>			<b>Solid Phenolic Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
<b>10 21 13 19-0136</b>			<b>Solid Phenolic Toilet Partitions</b> <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors.		
<b>10 21 13 19-0137</b>			<b>Floor Anchored, Solid Phenolic, Complete Toilet Partitions</b> <small>(10 21 13 19-0136)</small>		

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0138	EA		36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	834.91	53.81
			<i>For &gt;10, Deduct</i>	-72.73	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	158.11	
10 21 13 19-0139	EA		60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,025.79	58.59
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	196.67	
10 21 13 19-0140	EA		60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,145.49	60.98
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	221.04	
<b>10 21 13 19-0141</b>			<b>Overhead Braced, Solid Phenolic, Complete Toilet Partitions</b> (10 21 13 19-0136)		
			Note: Includes headrail.		
10 21 13 19-0142	EA		36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition .....	926.81	65.76
			<i>For &gt;10, Deduct</i>	-79.53	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	173.59	
10 21 13 19-0143	EA		60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,125.28	70.55
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	213.73	
10 21 13 19-0144	EA		60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,250.76	72.94
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	239.32	
<b>10 21 13 19-0145</b>			<b>Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions</b> (10 21 13 19-0136)		
			Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA		36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition .....	956.94	77.72
			<i>For &gt;10, Deduct</i>	-80.15	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	176.09	
10 21 13 19-0147	EA		60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,154.01	82.50
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	215.94	
10 21 13 19-0148	EA		60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,273.70	84.89
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	240.31	
<b>10 21 13 19-0149</b>			<b>Ceiling Hung, Solid Phenolic, Complete Toilet Partitions</b> (10 21 13 19-0136)		
			Note: Excludes above ceiling steel.		
10 21 13 19-0150	EA		36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	943.77	89.68
			<i>For &gt;10, Deduct</i>	-76.44	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	169.49	
10 21 13 19-0151	EA		60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,134.51	94.46
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	208.02	
10 21 13 19-0152	EA		60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,254.21	96.85
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
			<i>For NFPA Class A, Add</i>	232.39	
<b>10 21 13 19-0153</b>			<b>Solid Phenolic Urinal Screens</b> (10 21 13 19-0135)		
			Note: Includes all standard Bobrick colors.		
<b>10 21 13 19-0154</b>			<b>Floor Anchored, Solid Phenolic, Urinal Screens</b> (10 21 13 19-0153)		
10 21 13 19-0155	EA		24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	303.95	33.46
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	53.12	
10 21 13 19-0156	EA		36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	343.67	35.85
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	60.70	
10 21 13 19-0157	EA		48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	412.26	38.24
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	74.34	
<b>10 21 13 19-0158</b>			<b>Wall Hung, Solid Phenolic, Urinal Screens</b> (10 21 13 19-0153)		
10 21 13 19-0159	EA		18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	194.21	28.68
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	31.61	
10 21 13 19-0160	EA		24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	224.97	31.07
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
			<i>For NFPA Class A, Add</i>	37.30	



<b>Specialties</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>
<b>Compartments And Cubicles</b>	<b>10 21</b>

10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0161 EA 30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	270.50 25.12 46.10	33.46
<b>10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens</b> (10 21 13 19-0153)		
10 21 13 19-0163 EA 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	197.21 25.12 31.47	31.07
10 21 13 19-0164 EA 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	247.01 25.12 41.17	33.46
10 21 13 19-0165 EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	288.81 25.12 49.18	35.85
<b>10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens</b> (10 21 13 19-0153)		
10 21 13 19-0167 EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	312.84 25.12 55.76	31.07
10 21 13 19-0168 EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	352.79 25.12 63.38	33.46
10 21 13 19-0169 EA 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	422.69 25.12 77.29	35.85
<b>10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters</b> (10 21 13 19-0135) Note: Includes all standard Bobrick colors.		
<b>10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors</b> (10 21 13 19-0170)		
10 21 13 19-0172 EA 24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	226.43 40.42 44.49	9.57
10 21 13 19-0173 EA 26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	234.23 40.42 46.13	9.57
10 21 13 19-0174 EA 30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	256.62 40.42 50.45	10.76
10 21 13 19-0175 EA 34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	276.95 40.42 54.72	10.76
10 21 13 19-0176 EA 36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	297.83 40.42 59.10	10.76
<b>10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels</b> (10 21 13 19-0170)		
10 21 13 19-0178 EA 6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	71.90 25.12 10.51	14.35
10 21 13 19-0179 EA 12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	95.88 25.12 15.16	15.54
10 21 13 19-0180 EA 18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	130.65 25.12 22.08	16.74
10 21 13 19-0181 EA 24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	165.80 25.12 29.08	17.94
10 21 13 19-0182 EA 30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	184.90 25.12 32.71	19.13
10 21 13 19-0183 EA 36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	204.93 25.12 36.53	20.33
10 21 13 19-0184 EA 42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	239.16 25.12 43.34	21.52
10 21 13 19-0185 EA 48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	274.40 25.12 50.35	22.72
10 21 13 19-0186 EA 55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	292.67 25.12 53.81	23.92
10 21 13 19-0187 EA 58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	300.84 25.12 55.37	24.39
10 21 13 19-0188 EA 60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	306.61 25.12 56.35	25.11

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0189	EA		70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	352.89 25.12 65.69	26.30
10 21 13 19-0190	EA		78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	426.30 25.12 80.72	27.50
<b>10 21 13 19-0191</b>			<b>69" Long, Solid Phenolic, Toilet Partition Pilasters</b> (10 21 13 19-0170)		
10 21 13 19-0192	EA		Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	107.61 11.66 25.12 20.30	7.17
10 21 13 19-0193	EA		5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	123.86 13.39 25.12 23.33	8.37
10 21 13 19-0194	EA		6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	126.25 13.39 25.12 23.45	9.57
10 21 13 19-0195	EA		8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	146.25 15.59 25.12 27.27	10.76
10 21 13 19-0196	EA		10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	164.53 17.58 25.12 30.72	11.95
10 21 13 19-0197	EA		12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	182.79 19.56 25.12 34.18	13.16
10 21 13 19-0198	EA		16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	233.98 25.66 25.12 44.54	14.35
10 21 13 19-0199	EA		20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	287.48 32.05 25.12 55.40	15.54
10 21 13 19-0200	EA		24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	301.99 33.56 25.12 58.06	16.74
<b>10 21 13 19-0201</b>			<b>83" Long, Solid Phenolic, Toilet Partition Pilasters</b> (10 21 13 19-0170)		
10 21 13 19-0202	EA		Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	118.00 12.96 25.12 22.48	7.17
10 21 13 19-0203	EA		5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	138.29 15.19 25.12 26.36	8.37
10 21 13 19-0204	EA		6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	140.68 15.19 25.12 26.48	9.57
10 21 13 19-0205	EA		8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	163.00 17.69 25.12 30.79	10.76
10 21 13 19-0206	EA		10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	184.16 20.03 25.12 34.85	11.95
10 21 13 19-0207	EA		12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	205.46 22.40 25.12 38.94	13.16
10 21 13 19-0208	EA		16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	267.76 29.88 25.12 51.64	14.35
10 21 13 19-0209	EA		20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	319.10 36.00 25.12 62.04	15.54
10 21 13 19-0210	EA		24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	335.64 37.77 25.12 65.13	16.74



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters</b> <small>(10 21 13 19-0170)</small>		
10 21 13 19-0212 EA Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	133.18	9.57
For 1" Pilaster, Add	14.26	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	24.91	
10 21 13 19-0213 EA 5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	157.51	10.76
For 1" Pilaster, Add	17.00	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	29.63	
10 21 13 19-0214 EA 6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	159.91	11.95
For 1" Pilaster, Add	17.00	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	29.75	
10 21 13 19-0215 EA 8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	184.52	13.16
For 1" Pilaster, Add	19.78	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	34.54	
10 21 13 19-0216 EA 10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	208.58	14.35
For 1" Pilaster, Add	22.49	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	39.21	
10 21 13 19-0217 EA 12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	232.91	15.54
For 1" Pilaster, Add	25.23	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	43.94	
10 21 13 19-0218 EA 16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	306.33	16.74
For 1" Pilaster, Add	34.11	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	58.97	
10 21 13 19-0219 EA 20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	355.49	17.94
For 1" Pilaster, Add	39.95	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	68.91	
10 21 13 19-0220 EA 24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster.....	374.06	19.13
For 1" Pilaster, Add	41.97	
For Heavy Gauge Full-Height SS Brackets, Add	25.12	
For NFPA Class A, Add	72.43	
<b>10 21 13 19-0221 Solid Polyester (Corian) Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small>		
Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
<b>10 21 13 19-0222 Solid Polyester (Corian) Toilet Partitions</b> <small>(10 21 13 19-0221)</small>		
Note: Small particulate finish.		
<b>10 21 13 19-0223 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
10 21 13 19-0224 EA 36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,727.00	53.81
For >10, Deduct	-261.94	
For Solid Color Material (No Particulate), Deduct	-602.46	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
10 21 13 19-0225 EA 60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,299.83	58.59
For Solid Color Material (No Particulate), Deduct	-732.01	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
10 21 13 19-0226 EA 60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,663.51	60.98
For Solid Color Material (No Particulate), Deduct	-814.56	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
<b>10 21 13 19-0227 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
10 21 13 19-0228 EA 36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,822.26	65.76
For >10, Deduct	-269.07	
For Solid Color Material (No Particulate), Deduct	-618.87	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
10 21 13 19-0229 EA 60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,724.14	70.55
For Solid Color Material (No Particulate), Deduct	-824.10	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
10 21 13 19-0230 EA 60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,128.00	72.94
For Solid Color Material (No Particulate), Deduct	-915.89	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	90.66	
<b>10 21 13 19-0231 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
Note: Excludes above ceiling steel.		

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0232	EA		36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	3,157.40	77.72
			<i>For &gt;10, Deduct</i>	-300.20	
			<i>For Solid Color Material (No Particulate), Deduct</i>	-690.45	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0233	EA		60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,263.01	82.50
			<i>For Solid Color Material (No Particulate), Deduct</i>	-942.54	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0234	EA		60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,666.54	84.89
			<i>For Solid Color Material (No Particulate), Deduct</i>	-1,034.25	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 19-0235</b>			<b>Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
			Note: Excludes above ceiling steel.		
10 21 13 19-0236	EA		36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	3,177.47	89.68
			<i>For &gt;10, Deduct</i>	-299.81	
			<i>For Solid Color Material (No Particulate), Deduct</i>	-689.57	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0237	EA		60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,079.67	94.46
			<i>For Solid Color Material (No Particulate), Deduct</i>	-894.87	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0238	EA		60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,483.21	96.85
			<i>For Solid Color Material (No Particulate), Deduct</i>	-986.59	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
<b>10 21 13 19-0239</b>			<b>Solid Polyester (Corian) Urinal Screens</b> <small>(10 21 13 19-0221)</small>		
<b>10 21 13 19-0240</b>			<b>Floor Anchored, Solid Polyester (Corian), Urinal Screens</b> <small>(10 21 13 19-0239)</small>		
10 21 13 19-0241	EA		24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	733.18	33.46
			<i>For Solid Color Material (No Particulate), Deduct</i>	-153.24	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0242	EA		36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	977.23	35.85
			<i>For Solid Color Material (No Particulate), Deduct</i>	-208.27	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0243	EA		48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	1,221.27	38.24
			<i>For Solid Color Material (No Particulate), Deduct</i>	-263.30	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 19-0244</b>			<b>Wall Hung, Solid Polyester (Corian), Urinal Screens</b> <small>(10 21 13 19-0239)</small>		
10 21 13 19-0245	EA		18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	363.37	28.68
			<i>For Solid Color Material (No Particulate), Deduct</i>	-70.38	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0246	EA		24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	470.15	31.07
			<i>For Solid Color Material (No Particulate), Deduct</i>	-93.84	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0247	EA		30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	576.94	33.46
			<i>For Solid Color Material (No Particulate), Deduct</i>	-117.31	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 19-0248</b>			<b>Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens</b> <small>(10 21 13 19-0239)</small>		
10 21 13 19-0249	EA		18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	481.90	31.07
			<i>For Solid Color Material (No Particulate), Deduct</i>	-96.55	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0250	EA		24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	606.31	33.46
			<i>For Solid Color Material (No Particulate), Deduct</i>	-124.06	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0251	EA		30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	730.72	35.85
			<i>For Solid Color Material (No Particulate), Deduct</i>	-151.58	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 19-0252</b>			<b>Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens</b> <small>(10 21 13 19-0239)</small>		
10 21 13 19-0253	EA		22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	754.48	31.07
			<i>For Solid Color Material (No Particulate), Deduct</i>	-159.24	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0254	EA		34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	998.52	33.46
			<i>For Solid Color Material (No Particulate), Deduct</i>	-214.27	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0255	EA		46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	1,242.56	35.85
			<i>For Solid Color Material (No Particulate), Deduct</i>	-269.30	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
<b>10 21 13 19-0256</b>			<b>Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0221)</small>		





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 21 13 19-0257 Solid Polyester (Corian), Toilet Partition Doors</b> <small>(10 21 13 19-0256)</small>		
10 21 13 19-0258 EA 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Hinge, Add</i>	597.34 -132.99 40.42	9.57
10 21 13 19-0259 EA 26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Hinge, Add</i>	638.66 -142.49 40.42	9.57
10 21 13 19-0260 EA 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Hinge, Add</i>	728.45 -162.59 40.42	10.76
10 21 13 19-0261 EA 34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Hinge, Add</i>	813.73 -182.21 40.42	10.76
10 21 13 19-0262 EA 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Hinge, Add</i>	850.84 -190.74 40.42	10.76
<b>10 21 13 19-0263 Solid Polyester (Corian), Toilet Partition Panels</b> <small>(10 21 13 19-0256)</small>		
10 21 13 19-0264 EA 6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	148.32 -27.51 25.12	14.35
10 21 13 19-0265 EA 12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	270.35 -55.03 25.12	15.54
10 21 13 19-0266 EA 18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	392.37 -82.54 25.12	16.74
10 21 13 19-0267 EA 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	514.39 -110.06 25.12	17.94
10 21 13 19-0268 EA 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	636.42 -137.57 25.12	19.13
10 21 13 19-0269 EA 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	758.42 -165.09 25.12	20.33
10 21 13 19-0270 EA 42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	880.46 -192.60 25.12	21.52
10 21 13 19-0271 EA 48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,002.47 -220.12 25.12	22.72
10 21 13 19-0272 EA 55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,144.43 -252.22 25.12	23.92
10 21 13 19-0273 EA 58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,205.21 -265.98 25.12	24.39
10 21 13 19-0274 EA 60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,246.51 -275.15 25.12	25.11
10 21 13 19-0275 EA 70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,448.29 -321.00 25.12	26.30
10 21 13 19-0276 EA 78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	1,610.18 -357.69 25.12	27.50
<b>10 21 13 19-0277 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters</b> <small>(10 21 13 19-0256)</small>		
10 21 13 19-0278 EA Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	202.10 -43.18 25.12	7.17
10 21 13 19-0279 EA 5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	251.43 -53.98 25.12	8.37
10 21 13 19-0280 EA 6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	300.76 -64.77 25.12	9.57
10 21 13 19-0281 EA 8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	397.04 -86.37 25.12	10.76
10 21 13 19-0282 EA 10" x 72" x 1", Solid Polyester (Corian), Toilet Partiiion Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	493.31 -107.96 25.12	11.95
10 21 13 19-0283 EA 12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	589.57 -129.55 25.12	13.16
10 21 13 19-0284 EA 18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct For Heavy Gauge Full-Height SS Brackets, Add</i>	873.59 -194.32 25.12	14.35

**10 Specialties****10 20 Interior Specialties****10 21 Compartments And Cubicles**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0285	EA		22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,063.75 -237.51 25.12	15.54
10 21 13 19-0286	EA		24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,160.01 -259.10 25.12	16.74
<b>10 21 13 19-0287</b>			<b>82" Long, Solid Polyester (Corian), Toilet Partition Pilasters</b> <small>(10 21 13 19-0256)</small>		
10 21 13 19-0288	EA		Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	228.18 -49.18 25.12	7.17
10 21 13 19-0289	EA		5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	284.04 -61.48 25.12	8.37
10 21 13 19-0290	EA		6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	333.77 -72.37 25.12	9.57
10 21 13 19-0291	EA		8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	457.34 -100.24 25.12	10.76
10 21 13 19-0292	EA		10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	558.50 -122.95 25.12	11.95
10 21 13 19-0293	EA		12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	667.79 -147.54 25.12	13.16
10 21 13 19-0294	EA		18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	990.94 -221.32 25.12	14.35
10 21 13 19-0295	EA		22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,207.18 -270.50 25.12	15.54
10 21 13 19-0296	EA		24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,316.48 -295.09 25.12	16.74
<b>10 21 13 19-0297</b>			<b>96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters</b> <small>(10 21 13 19-0256)</small>		
10 21 13 19-0298	EA		Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	300.76 -64.77 25.12	9.57
10 21 13 19-0299	EA		5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	373.56 -80.97 25.12	10.76
10 21 13 19-0300	EA		6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	446.37 -97.16 25.12	11.95
10 21 13 19-0301	EA		8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	589.57 -129.55 25.12	13.16
10 21 13 19-0302	EA		10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	732.78 -161.94 25.12	14.35
10 21 13 19-0303	EA		12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	875.98 -194.32 25.12	15.54
10 21 13 19-0304	EA		18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,300.83 -291.49 25.12	16.74
10 21 13 19-0305	EA		22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,584.86 -356.27 25.12	17.94
10 21 13 19-0306	EA		24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,728.07 -388.65 25.12	19.13
<b>10 21 13 43</b>			<b>Compartments and Cubicles Common Accessories</b> <small>(10 21 13)</small>		
<b>10 21 13 43-0001</b>			<b>Accessories</b> <small>(10 21 13 43)</small>		
10 21 13 43-0002	LF		Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	7.61	0.96
10 21 13 43-0003	LF		Stainless Steel Headrails For Toilet Partitions And Urinal Screens	11.80	0.96
10 21 13 43-0004	EA		Replacement 1-1/2" x 58" Stainless Steel Wall Posts	81.07	
10 21 13 43-0005	EA		Replacement 58" Aluminum Wall U Bracket	39.67	
10 21 13 43-0006	EA		Replacement 58" Aluminum Wall Two Ear Bracket	66.45	
10 21 13 43-0007	EA		Replacement 54" Stainless Steel Wall U Bracket	60.98	
10 21 13 43-0008	EA		Replacement 54" Stainless Steel Wall Two Ear Bracket	155.58	
10 21 13 43-0009	EA		Replacement 54" Plastic Wall Two Ear Bracket, All Colors	91.57	
10 21 13 43-0010	EA		Replacement 57-1/2" Stainless Steel Hinge	93.59	

**10 21 16 Shower And Dressing Compartments** (10 21)



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments And Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 00-0001 Shower Dividers <small>(10 21 16)</small>		
10 21 16 00-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers <small>(10 21 16 00-0001)</small> Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.		
10 21 16 00-0003 EA 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider ..... <i>For 66" High Panels, Add</i>	575.82 68.44	59.79
10 21 16 00-0004 EA 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider ..... <i>For 66" High Panels, Add</i>	737.47 91.25	64.57
10 21 16 00-0005 EA 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider ..... <i>For 66" High Panels, Add</i>	969.08 123.84	71.74
10 21 16 00-0006 EA 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider ..... <i>For 66" High Panels, Add</i>	1,145.06 146.65	83.70
10 21 16 00-0007 EA 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider ..... <i>For 66" High Panels, Add</i>	1,321.07 169.46	95.65
10 21 16 00-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track <small>(10 21 16 00-0001)</small> Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.		
10 21 16 00-0009 EA 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track ..... <i>For 66" High Panels, Add</i> <i>For 6" Wide Head Rail, Add</i> <i>For 8" Wide Head Rail, Add</i> <i>For 10" Wide Head rail, Add</i> <i>For 12" Wide Head Rail, Add</i> <i>For 18" Wide, 1/2" Thick Bench, Add</i> <i>For 24" Wide, 1/2" Thick Bench, Add</i>	1,441.28 205.69 39.04 53.45 65.76 79.12 106.01 146.01	105.08
10 21 16 00-0010 EA 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track ..... <i>For 66" High Panels, Add</i> <i>For 6" Wide Head Rail, Add</i> <i>For 8" Wide Head Rail, Add</i> <i>For 10" Wide Head rail, Add</i> <i>For 12" Wide Head Rail, Add</i> <i>For 18" Wide, 1/2" Thick Bench, Add</i> <i>For 24" Wide, 1/2" Thick Bench, Add</i>	1,798.59 258.31 49.37 67.35 83.04 99.88 107.95 147.95	114.74
10 21 16 00-0011 EA 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track ..... <i>For 66" High Panels, Add</i> <i>For 6" Wide Head Rail, Add</i> <i>For 8" Wide Head Rail, Add</i> <i>For 10" Wide Head rail, Add</i> <i>For 12" Wide Head Rail, Add</i> <i>For 18" Wide, 1/2" Thick Bench, Add</i> <i>For 24" Wide, 1/2" Thick Bench, Add</i>	2,295.91 332.19 64.00 86.96 107.47 129.21 109.40 149.40	122.01
10 21 16 00-0012 EA 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track ..... <i>For 66" High Panels, Add</i> <i>For 6" Wide Head Rail, Add</i> <i>For 8" Wide Head Rail, Add</i> <i>For 10" Wide Head rail, Add</i> <i>For 12" Wide Head Rail, Add</i> <i>For 18" Wide, 1/2" Thick Bench, Add</i> <i>For 24" Wide, 1/2" Thick Bench, Add</i>	2,445.60 353.19 67.91 92.36 114.09 137.18 112.30 152.30	136.50
10 21 16 00-0013 EA 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track ..... <i>For 66" High Panels, Add</i> <i>For 6" Wide Head Rail, Add</i> <i>For 8" Wide Head Rail, Add</i> <i>For 10" Wide Head rail, Add</i> <i>For 12" Wide Head Rail, Add</i> <i>For 18" Wide, 1/2" Thick Bench, Add</i> <i>For 24" Wide, 1/2" Thick Bench, Add</i>	2,807.25 406.25 78.28 106.36 131.46 158.05 114.67 154.67	148.36
10 22 Partitions <small>(10 20)</small>		
10 22 13 Wire Mesh Partitions <small>(10 22)</small>		
10 22 13 00-0001 Wall Panels <small>(10 22 13)</small> Note: Includes steel frame and posts. Posts bolted to floor.		
10 22 13 00-0002 SF Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts ..... <i>For 5' Wide Panels, Add</i>	6.99 0.29	0.60
10 22 13 00-0003 SF Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts ..... <i>For 5' Wide Panels, Add</i>	7.74 0.32	0.72
10 22 13 00-0004 SF Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts ..... <i>For 5' Wide Panels, Add</i>	8.69 0.35	0.84
10 22 13 00-0005 Ceiling Panels <small>(10 22 13)</small> Note: Includes steel frame.		
10 22 13 00-0006 SF Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	7.22	0.72
10 22 13 00-0007 SF Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	7.95	0.84
10 22 13 00-0008 SF Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	8.79	0.96

**10 Specialties****10 20 Interior Specialties****10 22 Partitions**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0009			<b>Sliding Doors</b> <small>(10 22 13)</small>		
			Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA		4' x 8' Sliding Door, 10 Gauge With Cylinder Lock.....	632.22	125.55
			For 8 Gauge, Add	69.72	
			For 6 Gauge, Add	139.45	
10 22 13 00-0011	EA		4' x 10' Sliding Door, 10 Gauge With Cylinder Lock.....	663.70	138.70
			For 8 Gauge, Add	71.82	
			For 6 Gauge, Add	143.63	
10 22 13 00-0012	EA		5' x 8' Sliding Door, 10 Gauge With Cylinder Lock.....	728.82	143.49
			For 8 Gauge, Add	80.63	
			For 6 Gauge, Add	161.25	
10 22 13 00-0013	EA		5' x 10' Sliding Door, 10 Gauge With Cylinder Lock.....	795.37	155.44
			For 8 Gauge, Add	88.22	
			For 6 Gauge, Add	176.44	
10 22 13 00-0014	EA		6' x 8' Sliding Door, 10 Gauge With Cylinder Lock.....	820.96	165.01
			For 8 Gauge, Add	90.14	
			For 6 Gauge, Add	180.29	
10 22 13 00-0015	EA		6' x 10' Sliding Door, 10 Gauge With Cylinder Lock.....	905.99	174.57
			For 8 Gauge, Add	100.98	
			For 6 Gauge, Add	201.97	
10 22 13 00-0016	EA		8' x 8' Sliding Door, 10 Gauge With Cylinder Lock.....	973.64	187.72
			For 8 Gauge, Add	108.50	
			For 6 Gauge, Add	217.00	
10 22 13 00-0017	EA		8' x 10' Sliding Door, 10 Gauge With Cylinder Lock.....	1,062.72	196.09
			For 8 Gauge, Add	120.19	
			For 6 Gauge, Add	240.38	
10 22 13 00-0018	EA		10' x 8' Sliding Door, 10 Gauge With Cylinder Lock.....	1,071.00	200.88
			For 8 Gauge, Add	120.48	
			For 6 Gauge, Add	240.95	
10 22 13 00-0019	EA		10' x 10' Sliding Door, 10 Gauge With Cylinder Lock.....	1,185.36	212.84
			For 8 Gauge, Add	135.24	
			For 6 Gauge, Add	270.47	
10 22 13 00-0020			<b>Swing Doors</b> <small>(10 22 13)</small>		
10 22 13 00-0021			<b>Single Swing Door</b> <small>(10 22 13 00-0020)</small>		
10 22 13 00-0022	EA		3' x 7' Swing Door, 10 Gauge With Cylinder Lock.....	434.61	74.14
			For 8 Gauge, Add	49.25	
			For 6 Gauge, Add	98.50	
10 22 13 00-0023	EA		3' x 8' Swing Door, 10 Gauge With Cylinder Lock.....	468.42	83.70
			For 8 Gauge, Add	53.52	
			For 6 Gauge, Add	107.05	
10 22 13 00-0024	EA		3' x 9' Swing Door, 10 Gauge With Cylinder Lock.....	502.54	88.48
			For 8 Gauge, Add	57.69	
			For 6 Gauge, Add	115.37	
10 22 13 00-0025	EA		4' x 7' Swing Door, 10 Gauge With Cylinder Lock.....	492.34	95.65
			For 8 Gauge, Add	54.72	
			For 6 Gauge, Add	109.44	
10 22 13 00-0026	EA		4' x 8' Swing Door, 10 Gauge With Cylinder Lock.....	527.75	100.44
			For 8 Gauge, Add	59.07	
			For 6 Gauge, Add	118.15	
10 22 13 00-0027	EA		4' x 9' Swing Door, 10 Gauge With Cylinder Lock.....	551.33	105.22
			For 8 Gauge, Add	61.66	
			For 6 Gauge, Add	123.31	
10 22 13 00-0028	EA		4' x 7' Dutch Door, 10 Gauge With Cylinder Lock.....	660.38	95.65
			For 8 Gauge, Add	79.93	
			For 6 Gauge, Add	159.85	
10 22 13 00-0029	EA		4' x 8' Dutch Door, 10 Gauge With Cylinder Lock.....	701.05	100.44
			For 8 Gauge, Add	85.07	
			For 6 Gauge, Add	170.14	
10 22 13 00-0030			<b>Double Swing Doors</b> <small>(10 22 13 00-0020)</small>		
10 22 13 00-0031	EA		6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock.....	690.04	119.57
			For 8 Gauge, Add	79.59	
			For 6 Gauge, Add	159.18	
10 22 13 00-0032	EA		6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock.....	704.39	126.74
			For 8 Gauge, Add	80.31	
			For 6 Gauge, Add	160.62	
10 22 13 00-0033	EA		6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock.....	984.88	133.92
			For 8 Gauge, Add	120.95	
			For 6 Gauge, Add	241.90	
10 22 13 00-0034	EA		8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock.....	737.86	143.49
			For 8 Gauge, Add	81.98	
			For 6 Gauge, Add	163.97	
10 22 13 00-0035	EA		8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock.....	752.21	150.66
			For 8 Gauge, Add	82.70	
			For 6 Gauge, Add	165.40	
10 22 13 00-0036	EA		8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock.....	1,032.71	157.84
			For 8 Gauge, Add	123.34	
			For 6 Gauge, Add	246.68	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Partitions	10 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**10 22 19 Demountable Partitions (10 22)**

**10 22 19 13 Demountable Metal Partitions (10 22 19)**

10 22 19 13-0001	LF	Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5".....	78.87	7.61
		<i>For &gt;9, Add 9.86</i>		
10 22 19 13-0002	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5".....	69.46	6.06
		<i>For &gt;9, Add 8.68</i>		
10 22 19 13-0003	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5".....	60.06	4.56
		<i>For &gt;9, Add 7.51</i>		
10 22 19 13-0004	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 9' High, 48" Wide, Backed Enamel.....	154.17	6.06
		<i>For &gt;9, Add 19.27</i>		
10 22 19 13-0005	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 9' High, 48" Wide, Fabric.....	230.64	6.51
		<i>For &gt;9, Add 28.83</i>		

**10 22 19 43 Demountable Composite Partitions (10 22 19)**

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad.....	123.40	7.61
		<i>For &gt;9, Add 15.43</i>		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad.....	155.04	8.28
		<i>For &gt;9, Add 19.38</i>		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick.....	26.10	1.13
		<i>For Acoustical Partitions, Add 2.39</i>		
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick.....	32.47	1.91
		<i>For Acoustical Partitions, Add 2.86</i>		
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	27.85	1.18
		<i>For Acoustical Partitions, Add 2.55</i>		
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	39.86	1.64
		<i>For Acoustical Partitions, Add 3.66</i>		

**10 22 19 53 Demountable Gypsum Partitions (10 22 19)**

10 22 19 53-0001	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Vinyl Clad.....	80.78	7.61
		<i>For &gt;9, Add 10.10</i>		
10 22 19 53-0002	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Fabric Clad.....	149.46	8.28
		<i>For &gt;9, Add 18.68</i>		
10 22 19 53-0003	LF	Demountable Partition Gypsum System, On 2" To 2-1/2", Steel Standard, 9' High, 3" To 3-3/4" Thick.....	160.29	9.10
		<i>For &gt;9, Add 20.04</i>		
10 22 19 53-0004	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Vinyl Clad.....	99.52	7.61
		<i>For &gt;9, Add 12.44</i>		
10 22 19 53-0005	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Fabric Clad.....	167.77	8.28
		<i>For &gt;9, Add 20.97</i>		

**10 22 19 71 Remove And Store Demountable Partitions (10 22 19)**

10 22 19 71-0001	LF	Remove, Store And Reinstall Demountable Partitions, Up To 10'.....	33.48	
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**10 22 23 Portable Partitions, Screens, And Panels (10 22)**

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

**10 22 23 00-0001 Portable Partitions (10 22 23)**

10 22 23 00-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High.....	158.50	3.65
10 22 23 00-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High.....	168.86	4.05
10 22 23 00-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High.....	200.73	4.87
10 22 23 00-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High.....	117.18	2.10
10 22 23 00-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High.....	124.25	2.41
10 22 23 00-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High.....	139.54	2.92
10 22 23 00-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High.....	119.11	2.23
10 22 23 00-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High.....	211.84	4.05
10 22 23 00-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High.....	232.56	4.87
10 22 23 00-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High.....	123.31	2.78
10 22 23 00-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High.....	140.21	3.23
10 22 23 00-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High.....	113.10	2.41
10 22 23 00-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High.....	126.81	2.92
10 22 23 00-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High.....	187.96	4.05
10 22 23 00-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High.....	211.87	4.87
10 22 23 00-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High.....	191.15	4.05
10 22 23 00-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High.....	232.56	4.87
10 22 23 00-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High.....	148.12	2.41
10 22 23 00-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High.....	166.60	2.92
10 22 23 00-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High.....	156.52	2.23
10 22 23 00-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High.....	186.75	2.64
10 22 23 00-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High.....	89.89	2.78
10 22 23 00-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High.....	105.99	3.23
10 22 23 00-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High.....	95.77	2.92
10 22 23 00-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High.....	69.76	2.23

**10 Specialties****10 20 Interior Specialties****10 22 Partitions**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 00-0027	LF		Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side.....	114.07	2.92
10 22 23 00-0028	LF		Partitions, Portable, Metal Chalkboard, 2 Sides.....	130.23	3.05
10 22 23 00-0029	LF		Partitions, Portable, Tackboard, Both Sides .....	104.61	2.96
<b>10 22 33 Accordion Folding Partitions (10 22)</b>					
<b>10 22 33 00-0001 Accordion Doors/Partitions (10 22 33)</b>					
Note: Includes top support track and assembled panels.					
10 22 33 00-0002	SF		15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500).....	37.44	2.26
			For <135 SF, Add	7.49	
10 22 33 00-0003	SF		20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000).....	38.01	2.33
			For <135 SF, Add	7.60	
10 22 33 00-0004	SF		31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100) .....	39.81	2.40
			For <135 SF, Add	7.96	
10 22 33 00-0005	SF		35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500) .....	42.25	2.48
			For <135 SF, Add	8.45	
10 22 33 00-0006	SF		39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900) .....	42.98	2.55
			For <135 SF, Add	8.60	
10 22 33 00-0007	SF		40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000) .....	43.50	2.63
			For <135 SF, Add	8.70	
10 22 33 00-0008	SF		41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100) .....	44.00	2.70
			For <135 SF, Add	8.80	
10 22 33 00-0009	SF		45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500) .....	44.63	2.86
			For <135 SF, Add	8.93	
<b>10 22 43 Sliding Partitions (10 22)</b>					
<b>10 22 43 00-0001 Operable Wall (10 22 43)</b>					
Note: Includes top support track, assembled panel and frames.					
10 22 43 00-0002	SF		Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	62.57	4.15
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.51	
10 22 43 00-0003	SF		>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	59.01	3.32
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.40	
10 22 43 00-0004	SF		>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	56.30	2.77
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.28	
10 22 43 00-0005	SF		Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	54.36	2.91
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.02	
10 22 43 00-0006	SF		>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	51.45	2.37
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.88	
10 22 43 00-0007	SF		>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	49.63	2.11
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.76	
10 22 43 00-0008	SF		Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	48.76	2.28
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.61	
10 22 43 00-0009	SF		>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	46.44	1.95
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.46	
10 22 43 00-0010	SF		>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	44.78	1.74
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.35	
10 22 43 00-0011	SF		Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating .....	67.40	3.70
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	6.20	
10 22 43 00-0012	SF		>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating .....	63.24	2.80
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	6.03	
10 22 43 00-0013	SF		>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating .....	60.65	2.37
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	5.89	

**10 26 Wall And Door Protection (10 20)****10 26 13 Corner Guards (10 26)**



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall And Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0001 Vinyl Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0002 Rigid Vinyl Corner Guards <small>(10 26 13 00-0001)</small>		
10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0002)</small>		
10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0003)</small>		
10 26 13 00-0005 LF 3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34) .....	4.17	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.16	
10 26 13 00-0006 LF 1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12) .....	4.88	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.20	
10 26 13 00-0007 LF 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13) .....	8.05	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.35	
10 26 13 00-0008 LF 4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14) .....	9.75	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.44	
10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10 26 13 00-0003)</small>		
10 26 13 00-0010 LF 1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245) .....	9.16	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.41	
10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0001)</small>		
Note: Includes closure caps.		
10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0014 LF 2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20) .....	9.82	2.15
For >50 To 100 LF, Deduct	-0.90	
For >100 To 200 LF, Deduct	-1.26	
For >200 LF, Deduct	-1.93	
For Recycled Vinyl Retainer, Deduct	-1.25	
10 26 13 00-0015 LF 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10) .....	11.90	2.15
For >50 To 100 LF, Deduct	-0.90	
For >100 To 200 LF, Deduct	-1.26	
For >200 LF, Deduct	-2.03	
For Recycled Vinyl Retainer, Deduct	-1.66	
10 26 13 00-0016 LF Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30) .....	12.73	2.15
For >50 To 100 LF, Deduct	-0.90	
For >100 To 200 LF, Deduct	-1.26	
For >200 LF, Deduct	-2.07	
For Recycled Vinyl Retainer, Deduct	-1.83	
10 26 13 00-0017 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
10 26 13 00-0018 LF 3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135) .....	13.98	2.15
For >50 To 100 LF, Deduct	-0.90	
For >100 To 200 LF, Deduct	-1.26	
For >200 LF, Deduct	-2.14	
For Recycled Vinyl Retainer, Deduct	-2.08	
10 26 13 00-0019 End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0012)</small>		
Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020 LF 2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11) .....	29.78	2.87
For >50 To 100 LF, Deduct	-1.20	
For >100 To 200 LF, Deduct	-1.67	
For >200 LF, Deduct	-3.40	
For Recycled Vinyl Retainer, Deduct	-5.00	
10 26 13 00-0021 Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0011)</small>		
10 26 13 00-0022 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small>		

**10 Specialties****10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26	13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72) .....	12.41	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.90	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.26	
			<i>For &gt;200 LF, Deduct</i>	-2.06	
			<i>For Up To 2 HR Fire Rated, Add</i>	6.17	
10 26	13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7) .....	14.89	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.90	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.26	
			<i>For &gt;200 LF, Deduct</i>	-2.18	
			<i>For Up To 2 HR Fire Rated, Add</i>	7.91	
10 26	13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32) .....	15.45	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.90	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.26	
			<i>For &gt;200 LF, Deduct</i>	-2.21	
			<i>For Up To 2 HR Fire Rated, Add</i>	8.30	
10 26	13 00-0026		<b>135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers</b> <small>(10 26 13 00-0021)</small>		
10 26	13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75) .....	17.60	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.90	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.26	
			<i>For &gt;200 LF, Deduct</i>	-2.32	
			<i>For Up To 2 HR Fire Rated, Add</i>	9.81	
10 26	13 00-0028		<b>End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers</b> <small>(10 26 13 00-0021)</small>		
			Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26	13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888) .....	39.10	2.87
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.20	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.67	
			<i>For &gt;200 LF, Deduct</i>	-3.87	
			<i>For Up To 2 HR Fire Rated, Add</i>	24.02	
10 26	13 00-0030		<b>Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0001)</small>		
			Note: Includes adhesive for installation.		
10 26	13 00-0031		<b>Surface Mounted, Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0030)</small>		
10 26	13 00-0032		<b>90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0031)</small>		
10 26	13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9) .....	6.29	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.27	
			<i>For Bolting To Concrete Or Masonry, Add</i>	1.30	
10 26	13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3) .....	9.17	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.41	
			<i>For Bolting To Concrete Or Masonry, Add</i>	1.73	
10 26	13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15) .....	10.40	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.47	
			<i>For Bolting To Concrete Or Masonry, Add</i>	1.92	
10 26	13 00-0036		<b>Polycarbonate Corner Guards</b> <small>(10 26 13)</small>		
10 26	13 00-0037		<b>Surface Mounted, Polycarbonate Corner Guards</b> <small>(10 26 13 00-0036)</small>		
10 26	13 00-0038		<b>90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards</b> <small>(10 26 13 00-0037)</small>		
10 26	13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16) .....	3.56	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.13	
10 26	13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17) .....	4.67	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.19	
10 26	13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24) .....	5.69	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.24	
10 26	13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18) .....	8.01	1.44
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.60	
			<i>For &gt;100 To 200 LF, Deduct</i>	-0.83	
			<i>For &gt;200 LF, Deduct</i>	-1.35	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall And Door Protection	10 26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0043	LF		Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	6.64 -0.60 -0.83 -1.28	1.44
10 26 13 00-0044			<b>135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards</b> (10 26 13 00-0037)		
10 26 13 00-0045	LF		2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	8.01 -0.60 -0.83 -1.35	1.44
10 26 13 00-0046			<b>Aluminum Corner Guards</b> (10 26 13)		
10 26 13 00-0047			<b>Surface Mounted, Aluminum Corner Guards</b> (10 26 13 00-0046)		
10 26 13 00-0048			<b>90 Degree Angle, Surface Mounted, Aluminum Corner Guards</b> (10 26 13 00-0047)		
10 26 13 00-0049	LF		1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	6.29 -0.60 -0.83 -1.27	1.44
10 26 13 00-0050	LF		2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	8.07 -0.60 -0.83 -1.36	1.44
10 26 13 00-0051	LF		3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	9.25 -0.60 -0.83 -1.41	1.44
10 26 13 00-0052			<b>135 Degree Angle, Surface Mounted, Aluminum Corner Guards</b> (10 26 13 00-0047)		
10 26 13 00-0053	LF		1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	6.29 -0.60 -0.83 -1.27	1.44
10 26 13 00-0054	LF		2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	8.07 -0.60 -0.83 -1.36	1.44
10 26 13 00-0055	LF		3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	8.57 -0.60 -0.83 -1.38	1.44
10 26 13 00-0056			<b>Steel Corner Guards</b> (10 26 13)		
10 26 13 00-0057			<b>Steel Angle Iron, Corner Guards</b> (10 26 13 00-0056)		
10 26 13 00-0058			<b>Surface Mounted, Steel Angle Iron, Corner Guards</b> (10 26 13 00-0057)		
10 26 13 00-0059			<b>90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards</b> (10 26 13 00-0058)		
10 26 13 00-0060	LF		1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	8.20 1.87 -0.72 -1.00 -1.56	1.72
10 26 13 00-0061	LF		2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	10.88 2.72 -0.78 -1.09 -1.78	1.86
10 26 13 00-0062	LF		2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	11.64 2.95 -0.81 -1.13 -1.87	1.94
10 26 13 00-0063	LF		3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	11.87 2.98 -0.84 -1.17 -1.93	2.01
10 26 13 00-0064	LF		3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.39 4.17 -0.87 -1.21 -2.16	2.08
10 26 13 00-0065	LF		4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	18.92 5.37 -0.90 -1.26 -2.38	2.15

<b>10</b>	<b>10 Specialties</b>
	<b>10 20 Interior Specialties</b>
	<b>10 26 Wall And Door Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0066	LF		6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard ..... <i>For Galvanizing, Add</i> <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	33.38 10.01 -1.20 -1.67 -3.58	2.87
10 26 13 00-0067			<b>Stainless Steel Corner Guards</b> <small>(10 26 13)</small>		
10 26 13 00-0068			<b>Stainless Steel Corner Guards</b> <small>(10 26 13 00-0067)</small> Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069			<b>Surface Mounted, Stainless Steel Corner Guards</b> <small>(10 26 13 00-0068)</small>		
10 26 13 00-0070			<b>90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards</b> <small>(10 26 13 00-0069)</small>		
10 26 13 00-0071	LF		1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	7.92 -0.60 -0.83 -1.35	1.44
10 26 13 00-0072	LF		2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	11.21 -0.60 -0.83 -1.51	1.44
10 26 13 00-0073	LF		3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.82 -0.60 -0.83 -1.74	1.44
10 26 13 00-0074	LF		Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.82 -0.60 -0.83 -1.74	1.44
10 26 13 00-0075			<b>135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards</b> <small>(10 26 13 00-0069)</small>		
10 26 13 00-0076	LF		3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600) ..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.82 -0.60 -0.83 -1.74	1.44
10 26 13 00-0077	LF		Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.82 -0.60 -0.83 -1.74	1.44
10 26 13 00-0078			<b>Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0067)</small>		
10 26 13 00-0079			<b>Surface Mounted, Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0078)</small>		
10 26 13 00-0080			<b>90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0079)</small>		
10 26 13 00-0081	LF		1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	15.19 -0.72 -1.00 -1.91	1.72
10 26 13 00-0082	LF		2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	26.45 -0.78 -1.09 -2.56	1.86
10 26 13 00-0083	LF		2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	37.79 -0.81 -1.13 -3.18	1.94
10 26 13 00-0084	LF		3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	35.05 -0.84 -1.17 -3.09	2.01
10 26 13 00-0085	LF		3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	51.06 -0.87 -1.21 -3.94	2.08
10 26 13 00-0086	LF		4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard..... <i>For &gt;50 To 100 LF, Deduct</i> <i>For &gt;100 To 200 LF, Deduct</i> <i>For &gt;200 LF, Deduct</i>	46.89 -0.90 -1.26 -3.78	2.15
10 26 13 00-0087			<b>Rubber Corner Guards</b> <small>(10 26 13)</small> Note: Includes adhesive for installation.		
10 26 13 00-0088			<b>Natural Rubber Corner Guards</b> <small>(10 26 13 00-0087)</small>		
10 26 13 00-0089			<b>Surface Mounted, Natural Rubber Corner Guards</b> <small>(10 26 13 00-0088)</small>		
10 26 13 00-0090			<b>90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards</b> <small>(10 26 13 00-0089)</small>		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall And Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0091 LF 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	36.27	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-2.77	
For Bolting To Concrete Or Masonry, Add	5.80	
<b>10 26 13 00-0092 Styrene-Butadiene Rubber (SBR) Corner Guards</b> (10 26 13 00-0087)		
<b>10 26 13 00-0093 Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards</b> (10 26 13 00-0092)		
<b>10 26 13 00-0094 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards</b> (10 26 13 00-0093)		
10 26 13 00-0095 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	22.42	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-2.07	
For Bolting To Concrete Or Masonry, Add	3.72	
<b>10 26 13 00-0096 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards</b> (10 26 13 00-0087)		
<b>10 26 13 00-0097 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards</b> (10 26 13 00-0096)		
<b>10 26 13 00-0098 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards</b> (10 26 13 00-0097)		
10 26 13 00-0099 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	14.40	1.44
For >50 To 100 LF, Deduct	-0.60	
For >100 To 200 LF, Deduct	-0.83	
For >200 LF, Deduct	-1.67	
For Bolting To Concrete Or Masonry, Add	2.52	
<b>10 26 16 Bumper Guards</b> (10 26)		
<b>10 26 16 13 Bumper Rails</b> (10 26 16)		
<b>10 26 16 13-0001 Crash Rails</b> (10 26 16 13) Note: Includes end caps.		
<b>10 26 16 13-0002 Polycarbonate Crash Rails</b> (10 26 16 13-0001)		
10 26 16 13-0003 LF 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	6.86	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-1.87	
10 26 16 13-0004 LF 4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	7.57	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-1.91	
<b>10 26 16 13-0005 Aluminum Crash Rails</b> (10 26 16 13-0001)		
10 26 16 13-0006 LF 4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	26.70	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-2.86	
<b>10 26 16 13-0007 Stainless Steel Crash Rails</b> (10 26 16 13-0001)		
10 26 16 13-0008 LF 4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100).....	49.58	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-4.01	
10 26 16 13-0009 LF 5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200).....	38.14	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-3.44	
<b>10 26 16 13-0010 Wall Guards</b> (10 26 16 13)		
<b>10 26 16 13-0011 Rigid Vinyl Wall Guards With Aluminum Retainers</b> (10 26 16 13-0010) Note: Includes end caps.		
10 26 16 13-0012 LF 1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1).....	7.68	1.68
For >50 To 100 LF, Deduct	-0.84	
For >100 To 200 LF, Deduct	-1.17	
For >200 LF, Deduct	-1.72	
10 26 16 13-0013 LF 3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3).....	9.01	1.91
For >50 To 100 LF, Deduct	-0.96	
For >100 To 200 LF, Deduct	-1.34	
For >200 LF, Deduct	-1.98	

**10 Specialties****10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0014	LF		4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4).....	9.97	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-2.03	
10 26 16 13-0015	LF		5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5).....	11.17	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-2.09	
10 26 16 13-0016	LF		6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6).....	12.80	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-2.26	
10 26 16 13-0017	LF		7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8).....	13.38	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-2.29	
10 26 16 13-0018	LF		8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7).....	13.88	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-2.32	
10 26 16 13-0019	LF		12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12).....	17.85	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.08	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.51	
			<i>For &gt;200 LF, Deduct</i>	-2.61	
<b>10 26 16 13-0020</b>			<b>Rubber Wall Guards</b> <small>(10 26 16 13-0010)</small>		
<b>10 26 16 13-0021</b>			<b>D-Shaped, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0022	LF		2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2).....	15.71	1.68
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.84	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.17	
			<i>For &gt;200 LF, Deduct</i>	-2.13	
10 26 16 13-0023	LF		3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3).....	22.70	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-2.66	
10 26 16 13-0024	LF		4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4).....	30.25	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-3.04	
10 26 16 13-0025	LF		6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6).....	42.28	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-3.64	
<b>10 26 16 13-0026</b>			<b>U-Shaped, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0027	LF		3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	42.10	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-3.73	
10 26 16 13-0028	LF		4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	47.53	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-4.00	
<b>10 26 16 13-0029</b>			<b>Rectangular, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0030	LF		8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1).....	30.48	2.03
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.02	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.42	
			<i>For &gt;200 LF, Deduct</i>	-3.15	
10 26 16 13-0031	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2).....	36.21	2.15
			<i>For &gt;50 To 100 LF, Deduct</i>	-1.08	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.51	
			<i>For &gt;200 LF, Deduct</i>	-3.53	
<b>10 26 16 13-0032</b>			<b>Wing Type, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0033	LF		3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	23.35	1.68
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.84	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.17	
			<i>For &gt;200 LF, Deduct</i>	-2.51	
10 26 16 13-0034	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20).....	50.72	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-4.06	
10 26 16 13-0035	LF		6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30).....	54.16	1.91
			<i>For &gt;50 To 100 LF, Deduct</i>	-0.96	
			<i>For &gt;100 To 200 LF, Deduct</i>	-1.34	
			<i>For &gt;200 LF, Deduct</i>	-4.24	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall And Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0036 Accent Rails <small>(10 26 16 13)</small> Note: Includes end caps.		
10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers <small>(10 26 16 13-0036)</small>		
10 26 16 13-0038 LF 1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25) .....	8.93	1.68
For >50 To 100 LF, Deduct	-0.84	
For >100 To 200 LF, Deduct	-1.17	
For >200 LF, Deduct	-1.79	
10 26 16 13-0039 LF 2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30) .....	11.87	1.68
For >50 To 100 LF, Deduct	-0.84	
For >100 To 200 LF, Deduct	-1.17	
For >200 LF, Deduct	-1.93	
10 26 16 13-0040 LF 2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22) .....	14.81	1.68
For >50 To 100 LF, Deduct	-0.84	
For >100 To 200 LF, Deduct	-1.17	
For >200 LF, Deduct	-2.08	
<b>10 26 16 16 Protective Corridor Handrails <small>(10 26 16)</small></b>		
10 26 16 16-0001 Protective Corridor Handrails <small>(10 26 16 16)</small>		
10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
10 26 16 16-0003 LF 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN) .....	13.17	3.59
For >50 To 100 LF, Deduct	-1.79	
For >100 To 200 LF, Deduct	-2.51	
For >200 LF, Deduct	-3.53	
10 26 16 16-0004 EA End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) .....	11.17	3.59
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-3.43	
10 26 16 16-0005 LF 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C) .....	19.17	3.59
For >50 To 100 LF, Deduct	-1.79	
For >100 To 200 LF, Deduct	-2.51	
For >200 LF, Deduct	-3.83	
10 26 16 16-0006 EA End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) .....	16.17	3.59
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-3.68	
10 26 16 16-0007 LF 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN) .....	20.17	3.59
For >50 To 100 LF, Deduct	-1.79	
For >100 To 200 LF, Deduct	-2.51	
For >200 LF, Deduct	-3.88	
10 26 16 16-0008 EA End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn) .....	22.17	3.59
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-3.98	
10 26 16 16-0009 LF 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN) .....	26.17	3.59
For >50 To 100 LF, Deduct	-1.79	
For >100 To 200 LF, Deduct	-2.51	
For >200 LF, Deduct	-4.18	
10 26 16 16-0010 EA End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) .....	30.17	3.59
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-4.38	
10 26 16 16-0011 Stainless Steel Protective Corridor Handrails <small>(10 26 16 16-0001)</small>		
10 26 16 16-0012 LF 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS) .....	36.17	3.59
For >50 To 100 LF, Deduct	-1.79	
For >100 To 200 LF, Deduct	-2.51	
For >200 LF, Deduct	-4.68	
10 26 16 16-0013 EA End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn) .....	37.17	3.59
For >25 To 50, Deduct	-1.79	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-4.73	
<b>10 26 23 Protective Wall Covering <small>(10 26)</small></b>		
10 26 23 00-0001 Impact Resistant Wall Protection <small>(10 26 23)</small> Note: Includes standard trim.		
10 26 23 00-0002 SF 0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30) .....	4.47	1.19
10 26 23 00-0003 SF 0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40) .....	4.93	1.19
10 26 23 00-0004 SF 0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60) .....	6.17	1.19
10 28 Toilet, Bath, And Laundry Accessories <small>(10 20)</small>		
10 28 13 Toilet Accessories <small>(10 28)</small>		
10 28 13 13 Commercial Toilet Accessories <small>(10 28 13)</small>		
10 28 13 13-0001 Toilet Accessories <small>(10 28 13 13)</small>		

**10 Specialties****10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

10 28 13 13-0002	Dispensers <small>(10 28 13 13-0001)</small>		
10 28 13 13-0003	Paper Towel Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0004	Stainless Steel Paper Towel Dispensers <small>(10 28 13 13-0003)</small>		
10 28 13 13-0005	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262).....	73.76	10.75
10 28 13 13-0006	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620) .....	80.35	10.75
10 28 13 13-0007	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621) .....	81.33	10.75
10 28 13 13-0008	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212).....	83.22	10.75
10 28 13 13-0009	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263) .....	135.30	10.75
10 28 13 13-0010	EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359) .....	142.77	10.75
10 28 13 13-0011	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262) .....	163.73	10.75
10 28 13 13-0012	EA Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526) .....	181.18	4.78
10 28 13 13-0013	EA Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318) .....	295.39	10.75
10 28 13 13-0014	EA Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860).....	358.74	10.75
10 28 13 13-0015	EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369).....	383.06	10.75
10 28 13 13-0016	Plastic Paper Towel Dispensers <small>(10 28 13 13-0003)</small>		
10 28 13 13-0017	EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262) .....	51.29	10.75
10 28 13 13-0018	EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860) .....	126.99	10.75
10 28 13 13-0019	EA Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860).....	125.98	10.75
10 28 13 13-0020	Aluminum Paper Towel Dispensers <small>(10 28 13 13-0003)</small>		
10 28 13 13-0021	EA Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253).....	57.89	10.75
10 28 13 13-0022	Toilet Tissue Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0023	Plastic Toilet Tissue Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0024	EA Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288) .....	51.05	10.75
10 28 13 13-0025	EA Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250).....	74.93	10.75
10 28 13 13-0026	Cast Aluminum Toilet Tissue Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0027	EA Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730) .....	44.22	10.75
10 28 13 13-0028	EA Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273) .....	44.70	10.75
10 28 13 13-0029	EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740) .....	48.12	10.75
10 28 13 13-0030	EA Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274) .....	54.47	10.75
10 28 13 13-0031	EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460) .....	77.91	10.75
10 28 13 13-0032	Stainless Steel Toilet Tissue Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0033	EA Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264) .....	34.69	10.75
10 28 13 13-0034	EA Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663) .....	66.44	10.75
10 28 13 13-0035	EA Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890) .....	66.59	10.75
10 28 13 13-0036	EA Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272) .....	81.57	10.75
10 28 13 13-0037	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265) .....	43.72	10.75
10 28 13 13-0038	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888) .....	89.14	10.75
10 28 13 13-0039	EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888) .....	129.34	10.75
10 28 13 13-0040	EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288) .....	141.16	10.75
10 28 13 13-0041	EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388).....	179.65	10.75
10 28 13 13-0042	EA Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892).....	216.12	10.75
10 28 13 13-0043	EA Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386).....	263.17	10.75
	Note: Mounts centered through toilet partitions.		
10 28 13 13-0044	EA Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840) .....	105.75	10.75
10 28 13 13-0045	Soap Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0046	EA 20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221).....	65.21	10.75
	For 34 Fluid Ounce (B-822), Add	3.33	
10 28 13 13-0047	EA 20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216).....	72.54	10.75
	For 34 Fluid Ounce (B-822), Add	3.33	
10 28 13 13-0048	EA 24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156) .....	37.37	10.75
10 28 13 13-0049	EA 24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155) .....	42.50	10.75
10 28 13 13-0050	EA 40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40) .....	51.04	10.75
10 28 13 13-0051	EA 40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42) .....	53.15	10.75
10 28 13 13-0052	EA 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112) .....	66.68	10.75
10 28 13 13-0053	EA 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112).....	89.88	10.75
10 28 13 13-0054	EA 45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306).....	163.28	10.75
10 28 13 13-0055	EA 50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063) .....	275.86	10.75
10 28 13 13-0056	EA 800 ml. Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18).....	161.16	10.75
	Note: Includes start-up kit.		



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Toilet, Bath, And Laundry Accessories</b>	<b>10 28</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 28 13 13-0057</b> <b>Facial Tissue Dispensers</b> <small>(10 28 13 13-0002)</small>		
10 28 13 13-0058 EA Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397).....	78.40	10.75
10 28 13 13-0059 EA Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355) .....	44.30	10.75
<b>10 28 13 13-0060</b> <b>Sanitary Toilet Seat Cover Dispensers</b> <small>(10 28 13 13-0002)</small>		
10 28 13 13-0061 EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221) .....	36.39	10.75
10 28 13 13-0062 EA Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221) .....	55.69	10.75
10 28 13 13-0063 EA Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221) .....	116.50	10.75
10 28 13 13-0064 EA Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301).....	118.60	10.75
10 28 13 13-0065 EA Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013) .....	259.99	10.75
<b>10 28 13 13-0066</b> <b>Sanitary Toilet Seat Cover/Toilet Tissue Dispensers</b> <small>(10 28 13 13-0002)</small>		
10 28 13 13-0067 EA Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479).....	435.53	10.75
10 28 13 13-0068 EA Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745) .....	251.62	10.75
<b>10 28 13 13-0069</b> <b>Sanitary Napkin/Tampon Dispensers</b> <small>(10 28 13 13-0002)</small>		
10 28 13 13-0070 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C).....	542.87	10.75
10 28 13 13-0071 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25).....	407.58	10.75
10 28 13 13-0072 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706).....	550.31	10.75
10 28 13 13-0073 EA Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25) .....	406.26	10.75
10 28 13 13-0074 EA Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4 ) .....	353.94	10.75
<b>10 28 13 13-0075</b> <b>Toilet Compartment Combination Dispenser/Disposals</b> <small>(10 28 13 13-0002)</small>		
10 28 13 13-0076 EA Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094) .....	349.72	23.90
10 28 13 13-0077 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474).....	396.27	23.90
10 28 13 13-0078 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745) .....	320.13	23.90
10 28 13 13-0079 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574).....	471.00	23.90
10 28 13 13-0080 EA Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347).....	485.40	23.90
10 28 13 13-0081 EA Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357).....	565.75	23.90
10 28 13 13-0082 EA Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579).....	527.32	23.90
<b>10 28 13 13-0083</b> <b>Receptacles</b> <small>(10 28 13 13-0001)</small>		
<b>10 28 13 13-0084</b> <b>Wall Mounted Waste Receptacles</b> <small>(10 28 13 13-0083)</small>		
10 28 13 13-0085 EA 1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3) .....	66.64	10.75
10 28 13 13-0086 EA 6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279).....	125.28	10.75
10 28 13 13-0087 EA 12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644) .....	291.52	23.90
10 28 13 13-0088 EA 12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644) .....	456.59	23.90
10 28 13 13-0089 EA 20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275).....	351.34	23.90
<b>10 28 13 13-0090</b> <b>Floor-Standing/Counter Waste Receptacles</b> <small>(10 28 13 13-0083)</small>		
10 28 13 13-0091 EA 5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532) .....	82.67	10.75
10 28 13 13-0092 EA 5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529).....	127.97	10.75
10 28 13 13-0093 EA 13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260).....	274.97	4.78
10 28 13 13-0094 EA 13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250) .....	421.99	4.78
10 28 13 13-0095 EA 18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300).....	394.59	4.78
10 28 13 13-0096 EA 21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280).....	379.01	4.78
<b>10 28 13 13-0097</b> <b>Combination Paper Towel Dispenser/ Waste Receptacle</b> <small>(10 28 13 13-0083)</small>		
10 28 13 13-0098 EA 2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369) .....	232.91	23.90
10 28 13 13-0099 EA 2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369).....	404.57	23.90
10 28 13 13-0100 EA 12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944) .....	397.74	23.90
10 28 13 13-0101 EA 12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900) .....	600.55	23.90
10 28 13 13-0102 EA 12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909) .....	845.41	23.90
10 28 13 13-0103 EA 12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961) .....	706.90	23.90
10 28 13 13-0104 EA 12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3949).....	533.54	23.90
10 28 13 13-0105 EA 12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619).....	894.93	23.90

**10 Specialties****10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0106	EA		16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944) .....	818.88	26.29
10 28 13 13-0107	EA		18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947) .....	532.68	26.29
<b>10 28 13 13-0108</b>			<b>Sanitary Napkin/Tampon Receptacles</b> <small>(10 28 13 13-0083)</small>		
10 28 13 13-0109	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270) .....	57.35	11.94
10 28 13 13-0110	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254) .....	137.90	11.94
10 28 13 13-0111	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353) .....	152.10	11.94
10 28 13 13-0112	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303) .....	387.02	11.94
10 28 13 13-0113	EA		Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354) .....	194.10	11.94
10 28 13 13-0114	EA		Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354) .....	357.97	11.94
<b>10 28 13 13-0115</b>			<b>Grab Bars</b> <small>(10 28 13 13-0001)</small>		
<b>10 28 13 13-0116</b>			<b>1-1/4" Diameter, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0115)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0117	EA		12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12) .....	64.19	9.56
			<i>For Peened Grip, Add</i> .....	4.27	
10 28 13 13-0118	EA		18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18) .....	76.33	9.56
			<i>For Peened Grip, Add</i> .....	5.36	
10 28 13 13-0119	EA		24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24) .....	77.55	9.56
			<i>For Peened Grip, Add</i> .....	5.47	
10 28 13 13-0120	EA		30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30) .....	78.12	9.56
			<i>For Peened Grip, Add</i> .....	5.53	
10 28 13 13-0121	EA		36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36) .....	78.27	9.56
			<i>For Peened Grip, Add</i> .....	5.54	
10 28 13 13-0122	EA		42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42) .....	81.21	9.56
			<i>For Peened Grip, Add</i> .....	5.80	
10 28 13 13-0123	EA		48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48) .....	85.84	9.56
			<i>For Peened Grip, Add</i> .....	6.22	
<b>10 28 13 13-0124</b>			<b>1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0115)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0125	EA		24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616) .....	137.08	9.56
			<i>For Peened Grip, Add</i> .....	10.62	
10 28 13 13-0126	EA		36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837) .....	140.25	9.56
			<i>For Peened Grip, Add</i> .....	10.90	
<b>10 28 13 13-0127</b>			<b>1-1/2" Diameter, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0115)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0128	EA		12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12) .....	75.32	9.56
			<i>For Peened Grip, Add</i> .....	5.27	
10 28 13 13-0129	EA		18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18) .....	76.33	9.56
			<i>For Peened Grip, Add</i> .....	5.36	
10 28 13 13-0130	EA		24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24) .....	78.27	9.56
			<i>For Peened Grip, Add</i> .....	5.54	
10 28 13 13-0131	EA		30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30) .....	80.23	9.56
			<i>For Peened Grip, Add</i> .....	5.72	
10 28 13 13-0132	EA		36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36) .....	82.67	9.56
			<i>For Peened Grip, Add</i> .....	5.93	
10 28 13 13-0133	EA		42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42) .....	84.87	9.56
			<i>For Peened Grip, Add</i> .....	6.13	
10 28 13 13-0134	EA		48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48) .....	90.24	9.56
			<i>For Peened Grip, Add</i> .....	6.62	
<b>10 28 13 13-0135</b>			<b>1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0115)</small>		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0136	EA		16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861) .....	123.88	9.56
			<i>For Peened Grip, Add</i> .....	9.43	
10 28 13 13-0137	EA		24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616) .....	134.40	9.56
			<i>For Peened Grip, Add</i> .....	10.38	
10 28 13 13-0138	EA		36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137) .....	114.61	9.56
			<i>For Peened Grip, Add</i> .....	8.59	
<b>10 28 13 13-0139</b>			<b>1-1/4" Diameter, Stainless Steel Swing Up Grab Bars</b> <small>(10 28 13 13-0115)</small>		
			Note: Includes satin finish.		
10 28 13 13-0140	EA		29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998) .....	398.67	9.56
			<i>For Peened Grip, Add</i> .....	34.37	
<b>10 28 13 13-0141</b>			<b>Shelves</b> <small>(10 28 13 13-0001)</small>		
10 28 13 13-0142	EA		5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295) .....	84.26	10.75
10 28 13 13-0143	EA		5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295) .....	87.19	10.75
10 28 13 13-0144	EA		5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295) .....	100.62	10.75
10 28 13 13-0145	EA		5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36) .....	104.00	10.75
10 28 13 13-0146	EA		6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296) .....	98.68	10.75



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0147 EA 6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24) .....	100.27	10.75
10 28 13 13-0148 EA 8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298) .....	108.19	10.75
10 28 13 13-0149 EA 8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298) .....	119.66	10.75
10 28 13 13-0150 EA 8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36) .....	143.92	10.75
10 28 13 13-0151 EA 5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287) .....	108.43	10.75
10 28 13 13-0152 EA 4-3/4" Width x 24" Length, Stainless Steel Toiletary Shelf (Bobrick B-683) .....	110.88	10.75
10 28 13 13-0153 EA 12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24) .....	154.83	10.75
10 28 13 13-0154 EA 12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30) .....	166.48	10.75
10 28 13 13-0155 EA 12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36) .....	184.46	10.75
10 28 13 13-0156 EA 12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48) .....	233.38	10.75
10 28 13 13-0157 EA 12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60) .....	322.50	10.75
10 28 13 13-0158 EA 4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412) .....	123.33	10.75
<b>10 28 13 13-0159 Changing Stations (10 28 13 13-0001)</b>		
10 28 13 13-0160 EA Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1) .....	345.49	14.34
10 28 13 13-0161 EA Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00) .....	369.08	14.34
10 28 13 13-0162 EA Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00) .....	296.06	14.34
10 28 13 13-0163 EA Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE) .....	1,600.16	14.34
10 28 13 13-0164 EA Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM) .....	1,907.21	14.34
10 28 13 13-0165 EA Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE) .....	1,600.16	14.34
10 28 13 13-0166 EA Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM) .....	1,907.21	14.34
<b>10 28 13 13-0167 Folding Shower Seats (10 28 13 13-0001)</b>		
10 28 13 13-0168 EA 33" Width, Wall-Mounted, Reversible, Folding , Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181) .....	421.63	19.12
10 28 13 13-0169 EA 33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518) .....	575.48	19.12
10 28 13 13-0170 EA 30" Width, Wall-Mounted, Teakwood Folding Shower Seat .....	456.21	19.12
<b>10 28 13 13-0171 Soap/Dish Holders (10 28 13 13-0001)</b>		
10 28 13 13-0172 EA Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679) .....	32.07	10.75
10 28 13 13-0173 EA Surface Mounted, Stainless Steel Soap Dish (Gamco 7680) .....	33.78	10.75
10 28 13 13-0174 EA Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380) .....	71.47	10.75
10 28 13 13-0175 EA Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390) .....	80.01	10.75
<b>10 28 13 13-0176 Shower Curtains/Curtain Rods (10 28 13 13-0001)</b>		
10 28 13 13-0177 EA Stainless Steel Shower Curtain Hook (Bobrick B-204-1) .....	1.72	0.47
10 28 13 13-0178 EA 42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) .....	34.23	4.78
Note: Requires 7 curtain hooks.		
10 28 13 13-0179 EA 70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) .....	36.31	4.78
Note: Requires 12 curtain hooks.		
10 28 13 13-0180 EA 36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) .....	55.93	10.75
10 28 13 13-0181 EA 48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) .....	61.31	10.75
10 28 13 13-0182 EA 60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) .....	67.90	10.75
10 28 13 13-0183 EA 72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207) .....	75.96	10.75
10 28 13 13-0184 EA 36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36) .....	46.66	10.75
10 28 13 13-0185 EA 48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48) .....	53.00	10.75
10 28 13 13-0186 EA 60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60) .....	56.67	10.75
10 28 13 13-0187 EA 72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72) .....	61.31	10.75
10 28 13 13-0188 EA 36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) .....	49.34	10.75
10 28 13 13-0189 EA 48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) .....	54.71	10.75
10 28 13 13-0190 EA 60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) .....	61.06	10.75
10 28 13 13-0191 EA 72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047) .....	65.46	10.75
<b>10 28 13 13-0192 Hand Dryers (10 28 13 13-0001)</b>		
10 28 13 13-0193 EA Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710) .....	417.62	17.25
10 28 13 13-0194 EA Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V) .....	453.50	17.25
10 28 13 13-0195 EA Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V) .....	507.72	17.25
10 28 13 13-0196 EA Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230) .....	739.17	17.25
10 28 13 13-0197 EA Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A) .....	506.77	17.25
10 28 13 13-0198 EA Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A) .....	567.21	17.25
10 28 13 13-0199 EA Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60) .....	522.20	17.25
10 28 13 13-0200 EA Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T) .....	541.49	17.25
10 28 13 13-0201 EA Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR) .....	562.06	17.25
10 28 13 13-0202 EA Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR) .....	647.41	17.25
10 28 13 13-0203 EA Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12) .....	859.81	17.25
10 28 13 13-0204 EA Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14) .....	1,479.49	17.25
10 28 13 13-0205 EA Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) .....	654.28	17.25
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0206 EA Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) .....	690.43	17.25
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		

**10 Specialties****10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0207	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) .....711.08	711.08	17.25
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0208	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) .....731.74	731.74	17.25
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0209	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) .....773.05	773.05	17.25
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0210	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) .....530.34	530.34	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0211	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) .....566.49	566.49	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0212	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) .....587.15	587.15	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0213	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) .....607.80	607.80	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0214	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) .....649.12	649.12	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0215	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) .....530.34	530.34	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0216	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) .....566.49	566.49	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0217	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) .....587.15	587.15	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0218	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) .....607.80	607.80	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0219	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) .....649.12	649.12	17.25
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0220	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90) .....385.75	385.75	17.25
10 28 13 13-0221	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M) .....421.90	421.90	17.25
10 28 13 13-0222	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG) .....442.56	442.56	17.25
10 28 13 13-0223	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C) .....463.21	463.21	17.25
10 28 13 13-0224	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS) .....504.52	504.52	17.25
10 28 13 13-0225	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H) .....385.75	385.75	17.25
10 28 13 13-0226	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH) .....421.90	421.90	17.25
10 28 13 13-0227	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH) .....442.56	442.56	17.25
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH) .....463.21	463.21	17.25
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH) .....504.52	504.52	17.25
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1) .....282.47	282.47	17.25
10 28 13 13-0231	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M) .....318.62	318.62	17.25
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C) .....359.93	359.93	17.25

**10 28 13 13-0233 Hand Dryers (Excel XLERATOR®) (10 28 13 13-0001)**

Note: With or without noise reduction nozzle options.

10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W) .....544.50	544.50	17.25
		For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-WH) .....763.49	763.49	17.25
		For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR) .....637.49	637.49	17.25
		For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With HEPA Filtration System (Excel Xlerator XL-GRH) .....794.99	794.99	17.25
		For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C) .....684.74	684.74	17.25
		For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-CH) .....842.24	842.24	17.25
		For ADA-Compliant Recess Kit, Add	151.87	



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Toilet, Bath, And Laundry Accessories</b>	<b>10 28</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0240 EA Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB).....	684.74	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0241 EA Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SBH).....	842.24	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0242 EA Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP).....	637.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0243 EA Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SPH).....	794.99	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0244 EA Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW).....	574.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0245 EA Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-BWH).....	731.99	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0246 EA Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-W-ECO).....	544.50	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0247 EA Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-WH-ECO).....	763.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0248 EA Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-GR-ECO).....	637.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0249 EA Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-GRH-ECO).....	794.99	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0250 EA Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-C-ECO).....	684.74	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0251 EA Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-CH-ECO).....	842.24	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0252 EA Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SB-ECO).....	684.74	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0253 EA Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-SBH-ECO).....	842.24	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0254 EA Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SP-ECO).....	637.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0255 EA Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-SPH-ECO).....	794.99	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0256 EA Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATORReco® XL-BW-ECO).....	574.49	17.25
For ADA-Compliant Recess Kit, Add	151.87	
10 28 13 13-0257 EA Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With HEPA Filtration System (Excel XLERATORReco® XL-BWH-ECO).....	731.99	17.25
For ADA-Compliant Recess Kit, Add	151.87	
<b>10 28 13 13-0258 Additional Accessories</b> (10 28 13 13-0001)		
<b>10 28 13 13-0259 Hooks</b> (10 28 13 13-0258)		
10 28 13 13-0260 EA Stainless Steel Clothes Hook And Bumper (Bobrick B-212).....	17.62	4.78
10 28 13 13-0261 EA Single Stainless Steel Robe Hook (Bobrick B-233).....	22.99	4.78
10 28 13 13-0262 EA Single Stainless Steel Robe Hook (Bobrick B-7671).....	18.11	4.78
10 28 13 13-0263 EA Double Stainless Steel Robe Hook (Bobrick B-7672).....	20.50	4.78
10 28 13 13-0264 EA Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727).....	40.57	4.78
10 28 13 13-0265 EA Single Stainless Steel Robe Hook (Bobrick B-6717).....	35.68	4.78
<b>10 28 13 13-0266 Clotheslines</b> (10 28 13 13-0258)		
10 28 13 13-0267 EA Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636).....	30.78	9.56
<b>10 28 13 13-0268 Towel Bars</b> (10 28 13 13-0258)		
10 28 13 13-0269 EA 18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18).....	37.00	10.75
10 28 13 13-0270 EA 24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24).....	37.19	10.75
10 28 13 13-0271 EA 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18).....	44.35	10.75
10 28 13 13-0272 EA 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24).....	45.03	10.75
10 28 13 13-0273 EA 18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	76.44	10.75
10 28 13 13-0274 EA 24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	80.59	10.75
10 28 13 13-0275 EA 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	79.62	10.75
10 28 13 13-0276 EA 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	83.03	10.75
10 28 13 13-0277 EA 18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	89.15	10.75
10 28 13 13-0278 EA 24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	92.78	10.75
10 28 13 13-0279 EA 18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	62.53	10.75
10 28 13 13-0280 EA 24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	65.70	10.75

**10 Specialties****10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0281			<b>Towel Bar With Shelf</b> <small>(10 28 13 13-0258)</small>		
10 28 13 13-0282	EA		24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676) .....	169.24	10.75
10 28 13 13-0283			<b>Towel Pins</b> <small>(10 28 13 13-0258)</small>		
10 28 13 13-0284	EA		Stainless Steel Towel Pin (Bobrick B-677) .....	38.86	4.78
10 28 13 13-0285			<b>Mirrors</b> <small>(10 28 13 13)</small>		
10 28 13 13-0286			<b>Stainless Steel Channel Frame Glass Mirrors</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0287	EA		16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24) .....	68.71	11.94
10 28 13 13-0288	EA		18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824) .....	82.11	11.94
10 28 13 13-0289	EA		18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830) .....	86.75	11.94
			<i>For Tempered Glass (B-165B), Add</i> .....	38.98	
10 28 13 13-0290	EA		18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836) .....	96.27	11.94
			<i>For Tempered Glass (B-165B), Add</i> .....	45.64	
10 28 13 13-0291	EA		24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430) .....	108.48	11.94
10 28 13 13-0292	EA		24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436) .....	113.61	11.94
			<i>For Tempered Glass (B-165B), Add</i> .....	57.78	
10 28 13 13-0293	EA		24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448) .....	147.31	11.94
10 28 13 13-0294	EA		24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460) .....	174.91	11.94
10 28 13 13-0295	EA		36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36) .....	217.08	11.94
10 28 13 13-0296	EA		48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836) .....	281.13	11.94
10 28 13 13-0297	EA		60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36) .....	320.05	11.94
10 28 13 13-0298			<b>Stainless Steel Channel Frame Glass Mirror/Shelf Combination</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0299	EA		18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824) .....	153.65	11.94
10 28 13 13-0300	EA		18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830) .....	168.06	11.94
10 28 13 13-0301	EA		18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836) .....	177.59	11.94
10 28 13 13-0302	EA		24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436) .....	204.45	11.94
10 28 13 13-0303			<b>Stainless Steel Angle Frame Glass Mirrors</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0304	EA		18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824) .....	133.36	11.94
10 28 13 13-0305	EA		18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830) .....	149.27	11.94
			<i>For Tempered Glass (B-290B), Add</i> .....	78.01	
10 28 13 13-0306	EA		18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836) .....	154.63	11.94
			<i>For Tempered Glass (B-290B), Add</i> .....	81.55	
10 28 13 13-0307	EA		24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430) .....	186.38	11.94
10 28 13 13-0308	EA		24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436) .....	187.60	11.94
			<i>For Tempered Glass (B-290B), Add</i> .....	103.31	
10 28 13 13-0309	EA		24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448) .....	261.10	11.94
10 28 13 13-0310	EA		24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460) .....	312.38	11.94
10 28 13 13-0311	EA		24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472) .....	360.26	11.94
10 28 13 13-0312	EA		36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36) .....	229.89	11.94
10 28 13 13-0313	EA		48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36) .....	286.96	11.94
10 28 13 13-0314	EA		72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36) .....	455.76	11.94
10 28 13 13-0315			<b>Stainless Steel Angle Frame Glass Mirror/Shelf Combination</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0316	EA		18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24) .....	138.93	11.94
10 28 13 13-0317	EA		18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830) .....	303.84	11.94
10 28 13 13-0318	EA		18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836) .....	319.96	11.94
10 28 13 13-0319	EA		24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436) .....	360.26	11.94
10 28 13 13-0320			<b>Frameless Stainless Steel Mirrors</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0321	EA		17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830) .....	153.17	11.94
10 28 13 13-0322	EA		23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436) .....	207.13	11.94
10 28 13 13-0323			<b>Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0324	EA		16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630) .....	219.35	11.94
10 28 13 13-0325	EA		18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830) .....	229.85	11.94
10 28 13 13-0326	EA		18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836) .....	284.80	11.94
10 28 13 13-0327	EA		24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436) .....	357.32	11.94
10 28 13 13-0328			<b>Medicine Cabinets</b> <small>(10 28 13 13)</small>		
10 28 13 13-0329			<b>Metal Medicine Cabinets</b> <small>(10 28 13 13-0328)</small>		
10 28 13 13-0330	EA		20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB) .....	190.64	23.90



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Toilet, Bath, And Laundry Accessories</b>	<b>10 28</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0331 EA 15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397).....	171.25	23.90
Note: Includes three adjustable plastic shelves.		
10 28 13 13-0332 EA 14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) .....	178.20	23.90
Note: Includes two fixed shelves with baked white enamel finish.		
10 28 13 13-0333 EA 15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) .....	443.16	23.90
Note: Includes four adjustable stainless steel shelves.		
10 28 13 13-0334 EA 17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) .....	625.09	23.90
Note: Includes four adjustable shelves.		
<b>10 28 13 13-0335 Janitorial Material</b> <small>(10 28 13 13)</small>		
10 28 13 13-0336 EA Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670).....	35.68	4.78
10 28 13 13-0337 EA 24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24) .....	96.22	10.75
10 28 13 13-0338 EA 24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24).....	91.83	10.75
10 28 13 13-0339 EA 30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1) .....	107.30	10.75
10 28 13 13-0340 EA 36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36).....	122.60	10.75
10 28 13 13-0341 EA 36" Length, Utility Hook Strip (Gamco HCS-2) .....	74.66	10.75
10 28 13 13-0342 EA 36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36) .....	246.16	10.75
10 28 13 13-0343 EA 34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34) .....	364.12	10.75
<b>10 28 13 13-0344 Remove And Reinstall Bathroom Accessories</b> <small>(10 28 13 13)</small>		
10 28 13 13-0345 EA Remove And Reinstall Bathroom Accessory .....	14.94	
<b>10 28 16 Bath Accessories</b> <small>(10 28)</small>		
<b>10 28 16 13 Residential Bath Accessories</b> <small>(10 28 16)</small>		
<b>10 28 16 13-0001 Toilet Accessories</b> <small>(10 28 16 13)</small>		
<b>10 28 16 13-0002 Shower Curtain Rod</b> <small>(10 28 16 13-0001)</small>		
Note: Includes end brackets. See CSI section 10 28 13 13-0176 for shower curtain rods.		
<b>10 28 16 13-0003 Recessed Mounted, Chrome Plated Toilet Accessories</b> <small>(10 28 16 13-0001)</small>		
10 28 16 13-0004 EA Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder .....	39.35	10.75
10 28 16 13-0005 EA Recessed Mounted, Chrome Plated Soap Dish.....	52.00	10.75
10 28 16 13-0006 EA Recessed Mounted, Chrome Plated Soap Dish And Bar.....	54.57	10.75
10 28 16 13-0007 EA Recessed Mounted, Chrome Plated Tumbler Holder .....	40.44	10.75
<b>10 28 16 13-0008 Surface Mounted, Chrome Plated Toilet Accessories</b> <small>(10 28 16 13-0001)</small>		
10 28 16 13-0009 EA Surface Mounted, Chrome Plated Soap Dish .....	24.62	7.17
10 28 16 13-0010 EA Surface Mounted, Chrome Plated Single Clothes Hook .....	27.48	7.17
10 28 16 13-0011 EA Surface Mounted, Chrome Plated Double Clothes Hook.....	27.48	7.17
10 28 16 13-0012 LF 6" Deep, Surface Mounted, Chrome Plated Supports, Glass Shelf .....	49.84	7.17
10 28 16 13-0013 LF 6" Deep, Surface Mounted, Stainless Steel Shelf .....	42.63	7.17
10 28 16 13-0014 EA 18" Length, Surface Mounted, Chrome Plated Towel Bar .....	31.97	9.56
10 28 16 13-0015 EA 24" Length, Surface Mounted, Chrome Plated Towel Bar .....	32.29	9.56
10 28 16 13-0016 EA Surface Mounted, Chrome Plated Towel Ring.....	23.91	7.17
10 28 16 13-0017 EA Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder.....	17.45	10.75
10 28 16 13-0018 EA Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	24.62	7.17
10 28 16 13-0019 EA Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	43.84	7.17
10 28 16 13-0020 EA Surface Mounted, Chrome Plated Globe Soap Dispenser.....	28.47	7.17
10 28 16 13-0021 EA Surface Mounted, Chrome Plated Towel Pin .....	29.77	7.17
10 28 16 13-0022 EA Surface Mounted, Chrome Plated Towel Ladder And Shelf .....	73.48	7.17
10 28 16 13-0023 EA Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline .....	41.22	7.17
10 28 16 13-0024 EA 24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar .....	48.08	7.17
<b>10 28 16 13-0025 Solid Oak Medicine Cabinets</b> <small>(10 28 16 13-0001)</small>		
Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0026 EA 24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	267.73	23.90
10 28 16 13-0027 EA 24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror .....	325.92	23.90
10 28 16 13-0028 EA 30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror .....	284.90	23.90
10 28 16 13-0029 EA 30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror .....	349.34	23.90
10 28 16 13-0030 EA 36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	295.73	23.90
10 28 16 13-0031 EA 36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror .....	369.92	23.90
10 28 16 13-0032 EA 48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	310.60	23.90
10 28 16 13-0033 EA 48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror .....	395.06	23.90
<b>10 28 16 13-0034 Toilet Accessories</b> <small>(10 28 16 13-0001)</small>		
10 28 16 13-0035 EA Surface Mounted Paper Towel Dispenser, Plastic.....	37.79	10.75
10 28 16 13-0036 EA Surface Mounted Napkin Disposal, Plastic.....	34.19	10.75
10 28 16 13-0037 EA Soap Dispenser For Soaps And Detergent, 50 Fluid Oz, Plastic.....	35.46	
10 28 16 13-0038 EA Soap Dispenser For Antibacterial Soaps, 50 Fluid Oz, Plastic .....	39.27	10.75
10 28 16 13-0039 EA Multi Roll (2) Toilet Tissue Dispenser, Plastic.....	37.80	10.75
10 28 16 13-0040 EA Single Jumbo Roll Toilet Tissue Dispenser, Plastic.....	46.31	13.15
10 28 16 13-0041 EA Surface Mounted Toilet Seat Cover Dispenser, Plastic.....	27.17	9.56

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 28</b>	<b>Toilet, Bath, And Laundry Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 16 13-0042	EA		Waste Door For Countertops, 13 Gallon, Plastic	84.51	17.93
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**10 28 19 Tub and Shower Enclosures (10 28)**

**10 28 19 16 Shower Doors (10 28 19)**

**10 28 19 16-0001 Swinging Shower Doors (10 28 19 16)**

**10 28 19 16-0002 Framed, Swinging Shower Doors (10 28 19 16-0001)**

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	316.99	16.83
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	333.35	16.83
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	401.20	16.83
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	331.61	16.83
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	354.78	16.83

**10 28 19 16-0008 Sliding Shower Doors (10 28 19 16)**

**10 28 19 16-0009 Framed, Sliding Shower Doors (10 28 19 16-0008)**

10 28 19 16-0010	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	535.40	16.83
10 28 19 16-0011	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	489.51	16.83
10 28 19 16-0012	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	501.87	16.83
10 28 19 16-0013	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	515.01	16.83
10 28 19 16-0014	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	522.35	16.83
10 28 19 16-0015	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	533.21	16.83

**10 28 19 19 Tub Doors (10 28 19)**

**10 28 19 19-0001 Sliding Bathtub Doors (10 28 19 19)**

**10 28 19 19-0002 Framed, Sliding Bathtub Doors (10 28 19 19-0001)**

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	475.71	16.83
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	480.99	16.83
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	492.95	16.83

**10 40 Safety Specialties (10)**

**10 41 Emergency Access And Information Cabinets (10 40)**

**10 41 13 Fire Department Plan Cabinets (10 41)**

**10 41 13 00-0001 Fire Department Plan Cabinets (Knox) (10 41 13)**

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	842.32	15.53
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	56.77	
		<i>For Swing Key Hook Panel, Add</i>	155.77	
		<i>For Non-Locking Weather Housing, Add</i>	390.32	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	893.77	15.53
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	56.77	
		<i>For Swing Key Hook Panel, Add</i>	155.77	
		<i>For Second Swing Key Hook Panel, Add</i>	122.77	
		<i>For Non-Locking Weather Housing, Add</i>	390.32	

**10 41 16 Emergency Key Cabinets (10 41)**

**10 41 16 00-0001 Emergency Key Cabinets (Knox) (10 41 16)**

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	415.29	15.53
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	



<b>Specialties</b>	<b>10</b>
<b>Safety Specialties</b>	<b>10 40</b>
Emergency Access And Information Cabinets	10 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 41 16 00-0003	EA		5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200).....	363.84	15.53
			<i>For Lift-Off Door, Deduct</i>	-40.00	
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	48.87	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	119.00	
10 41 16 00-0004	EA		6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100).....	489.89	15.53
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	48.87	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	130.00	
10 41 16 00-0005	EA		7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400).....	522.04	15.53
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	48.87	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

10 44 Fire Protection Specialties (10 40)

10 44 13 Fire Protection Cabinets (10 44)

10 44 13 00-0001 Fire Extinguisher Cabinets (10 44 13)

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0004	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	188.33	19.59
10 44 13 00-0005	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	192.65	19.59
10 44 13 00-0006	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	193.51	19.59
10 44 13 00-0007	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	220.27	19.59
10 44 13 00-0008	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	290.21	19.59
10 44 13 00-0009	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	299.70	19.59

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0011	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	212.49	19.59
10 44 13 00-0012	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	217.46	19.59
10 44 13 00-0013	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	225.75	19.59
10 44 13 00-0014	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	239.84	19.59
10 44 13 00-0015	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	283.58	19.59
10 44 13 00-0016	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	296.84	19.59

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0018	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	317.17	19.59
10 44 13 00-0019	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	327.33	19.59
10 44 13 00-0020	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	332.40	19.59
10 44 13 00-0021	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	367.10	19.59
10 44 13 00-0022	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	437.15	19.59
10 44 13 00-0023	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	458.31	19.59

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	858.20	19.59
10 44 13 00-0026	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	864.91	19.59
10 44 13 00-0027	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,001.74	19.59

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA		10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	244.45	19.59
10 44 13 00-0030	EA		14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	277.26	19.59

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)

			Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	211.64	19.59
10 44 13 00-0034	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	220.27	19.59
10 44 13 00-0035	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	221.14	19.59
10 44 13 00-0036	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	250.49	19.59
10 44 13 00-0037	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	309.20	19.59

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 40</b>	<b>Safety Specialties</b>
	<b>10 44</b>	<b>Fire Protection Specialties</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	318.70		19.59
<b>10 44 13 00-0039</b>		<b>Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small>			
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	249.59		19.59
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	262.03		19.59
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	269.49		19.59
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	283.58		19.59
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	332.48		19.59
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	344.08		19.59
<b>10 44 13 00-0046</b>		<b>Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small>			
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	361.83		19.59
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	373.68		19.59
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	378.76		19.59
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	404.99		19.59
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	470.16		19.59
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	484.54		19.59
<b>10 44 13 00-0053</b>		<b>Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small>			
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,097.25		19.59
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,102.88		19.59
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,272.83		19.59
<b>10 44 13 00-0057</b>		<b>Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small>			
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.			
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	275.53		19.59
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	306.61		19.59
<b>10 44 13 00-0060</b>		<b>Surface Mounted Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0001)</small>			
<b>10 44 13 00-0061</b>		<b>Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small>			
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	204.73		19.59
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	209.91		19.59
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	251.36		19.59
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	302.29		19.59
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	316.11		19.59
<b>10 44 13 00-0067</b>		<b>Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small>			
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	328.33		19.59
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	339.11		19.59
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	363.14		19.59
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	410.39		19.59
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	430.28		19.59
<b>10 44 13 00-0073</b>		<b>Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small>			
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	435.46		19.59
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	451.54		19.59
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	491.31		19.59
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	568.32		19.59
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	592.02		19.59
<b>10 44 13 00-0079</b>		<b>Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small>			
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.			
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,267.53		19.59
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,436.18		19.59
<b>10 44 13 00-0082</b>		<b>Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small>			
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.			
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	256.54		19.59





<b>Specialties</b>	<b>10</b>	<b>10</b>
Safety Specialties	10 40	
Fire Protection Specialties	10 44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0084 EA 17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	294.52	19.59
10 44 13 00-0085 EA 31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	427.48	19.59
<b>10 44 13 00-0086 Fire Extinguisher Cabinet Accessories (10 44 13 00-0001)</b>		
10 44 13 00-0087 EA Standard Break Glass Cylinder Lock Mechanism.....	18.57	5.97
10 44 13 00-0088 EA Breaker Bar And Chain For Break Glass Cabinets.....	16.25	5.97
10 44 13 00-0089 EA Replacement Standard Pull Handle.....	14.84	5.97
10 44 13 00-0090 EA Fire Extinguisher Cabinet Battery Operated Alarm.....	53.73	11.94
10 44 13 00-0091 EA Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	115.12	
10 44 13 00-0092 EA Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	126.63	
10 44 13 00-0093 EA Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	172.68	
10 44 13 00-0094 EA Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	236.00	
10 44 13 00-0095 EA Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	276.29	
10 44 13 00-0096 EA Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	66.77	
10 44 13 00-0097 EA Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	69.07	
10 44 13 00-0098 EA Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	92.10	
10 44 13 00-0099 EA Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	166.92	
10 44 13 00-0100 EA Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	169.23	
10 44 13 00-0101 EA Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	72.45	
10 44 13 00-0102 EA Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	76.07	
10 44 13 00-0103 EA Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	102.64	
10 44 13 00-0104 EA Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	181.12	
10 44 13 00-0105 EA Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	183.54	
<b>10 44 13 00-0106 Fire Hose Cabinets (10 44 13)</b>		
Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.		
<b>10 44 13 00-0107 Recessed Fire Hose Cabinets (10 44 13 00-0106)</b>		
<b>10 44 13 00-0108 Steel Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)</b>		
Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109 EA 34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	342.22	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0110 EA 34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	347.86	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0111 EA 38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	352.56	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0112 EA 38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	357.27	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0113 EA 30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	362.91	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0114 EA 38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	377.96	87.41
For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0115 EA 23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	382.66	87.41
For Solid Steel Door, Deduct	-8.60	
<b>10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)</b>		
Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117 EA 34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	371.47	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0118 EA 30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	380.72	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0119 EA 34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	381.92	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0120 EA 38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	385.76	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0121 EA 38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	390.80	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0122 EA 38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	405.09	87.41
For Solid Aluminum Door, Add	6.50	
10 44 13 00-0123 EA 23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	419.38	87.41
For Solid Aluminum Door, Add	6.50	
<b>10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets (10 44 13 00-0107)</b>		
Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125 EA 23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	454.67	87.41
For Solid Stainless Steel Door, Deduct	-7.70	
10 44 13 00-0126 EA 34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	498.37	87.41
For Solid Stainless Steel Door, Deduct	-7.70	
10 44 13 00-0127 EA 34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	502.58	87.41
For Solid Stainless Steel Door, Deduct	-7.70	
10 44 13 00-0128 EA 38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	516.02	87.41
For Solid Stainless Steel Door, Deduct	-7.70	

**10 Specialties****10 40 Safety Specialties****10 44 Fire Protection Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0129	EA		38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	520.22	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0130	EA		30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	542.07	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0131	EA		38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	563.92	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
<b>10 44 13 00-0132</b>			<b>Semi Recessed Fire Hose Cabinets</b> (10 44 13 00-0106)		
<b>10 44 13 00-0133</b>			<b>Steel Door And Trim, Semi Recessed Fire Hose Cabinets</b> (10 44 13 00-0132)		
			Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0134	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	357.27	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0135	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	362.91	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0136	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	367.61	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0137	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	373.25	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0138	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	377.96	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0139	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	393.00	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0140	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet .....	398.64	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
<b>10 44 13 00-0141</b>			<b>Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets</b> (10 44 13 00-0132)		
			Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0142	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	380.72	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0143	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	390.80	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0144	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	392.24	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0145	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	395.00	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0146	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	400.05	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0147	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	414.33	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0148	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet.....	428.62	87.41
			<i>For Solid Aluminum Door, Add</i>	6.50	
<b>10 44 13 00-0149</b>			<b>Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets</b> (10 44 13 00-0132)		
			Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	480.73	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0151	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	528.63	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0152	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	532.83	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0153	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	546.28	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0154	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	550.48	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0155	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	572.33	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0156	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet.....	594.18	87.41
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
<b>10 44 13 00-0157</b>			<b>Surface Mount Fire Hose Cabinets</b> (10 44 13 00-0106)		
<b>10 44 13 00-0158</b>			<b>Steel Door And Trim, Surface Mount Fire Hose Cabinets</b> (10 44 13 00-0157)		
			Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0159	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	362.91	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0160	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	367.61	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0161	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	373.25	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0162	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	377.96	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0163	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	382.66	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0164	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet.....	398.64	87.41
			<i>For Solid Steel Door, Deduct</i>	-8.60	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Safety Specialties	10 40	
Fire Protection Specialties	10 44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0165 EA 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	403.35 -8.60	87.41
<b>10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets</b> <small>(10 44 13 00-0157)</small> Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0167 EA 37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	405.09 6.50	87.41
10 44 13 00-0168 EA 33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	414.33 6.50	87.41
10 44 13 00-0169 EA 37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	416.73 6.50	87.41
10 44 13 00-0170 EA 41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	419.38 6.50	87.41
10 44 13 00-0171 EA 41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	423.58 6.50	87.41
10 44 13 00-0172 EA 41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	438.71 6.50	87.41
10 44 13 00-0173 EA 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	447.95 6.50	87.41
<b>10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets</b> <small>(10 44 13 00-0157)</small> Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0175 EA 26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	516.02 -7.70	87.41
10 44 13 00-0176 EA 37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	655.53 -7.70	87.41
10 44 13 00-0177 EA 41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	690.82 -7.70	87.41
10 44 13 00-0178 EA 37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	699.23 -7.70	87.41
10 44 13 00-0179 EA 41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	707.63 -7.70	87.41
10 44 13 00-0180 EA 33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	742.93 -7.70	87.41
10 44 13 00-0181 EA 41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	786.63 -7.70	87.41
<b>10 44 16 Fire Extinguishers</b> <small>(10 44)</small>		
<b>10 44 16 13 Portable Fire Extinguishers</b> <small>(10 44 16)</small> Note: Includes filling, certification, bracket, hardware and mounting on wall.		
<b>10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher</b> <small>(10 44 16 13)</small>		
10 44 16 13-0002 EA 2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	156.20 -6.22 -12.43 -15.93	6.21
10 44 16 13-0003 EA 5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	242.25 -10.27 -20.55 -18.38	7.17
10 44 16 13-0004 EA 10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	315.16 -13.37 -26.74 -23.90	9.09
10 44 16 13-0005 EA 15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	386.74 -16.35 -32.70 -29.88	11.47
10 44 16 13-0006 EA 20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	434.28 -18.73 -37.45 -29.88	11.47
10 44 16 13-0007 EA 50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i>	1,552.65 -72.85 -145.71	18.16
10 44 16 13-0008 EA 100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i>	3,087.63 -149.60 -299.20	18.16
<b>10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher</b> <small>(10 44 16 13)</small>		
10 44 16 13-0010 EA 2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	78.54 -2.33 -4.67 -15.93	6.21
10 44 16 13-0011 EA 5 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	104.00 -3.36 -6.72 -18.38	7.17

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 40</b>	<b>Safety Specialties</b>
	<b>10 44</b>	<b>Fire Protection Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0012	EA		10 LB Dry Chemical, Type ABC Portable Fire Extinguisher.....	153.19	9.09
			<i>For &gt;5 To 10, Deduct</i>	-5.27	
			<i>For &gt;10, Deduct</i>	-10.54	
			<i>For Placement In Cabinet, Deduct</i>	-23.90	
10 44 16 13-0013	EA		20 LB Dry Chemical, Type ABC Portable Fire Extinguisher.....	225.61	11.47
			<i>For &gt;5 To 10, Deduct</i>	-8.29	
			<i>For &gt;10, Deduct</i>	-16.59	
			<i>For Placement In Cabinet, Deduct</i>	-29.88	
10 44 16 13-0014	EA		50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher.....	1,836.77	18.16
			<i>For &gt;5 To 10, Deduct</i>	-87.06	
			<i>For &gt;10, Deduct</i>	-174.12	
10 44 16 13-0015	EA		125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher.....	2,827.62	18.16
			<i>For &gt;5 To 10, Deduct</i>	-136.60	
			<i>For &gt;10, Deduct</i>	-273.20	
<b>10 44 16 13-0016</b>			<b>Other Portable Fire Extinguishers (10 44 16 13)</b>		
10 44 16 13-0017	EA		2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher.....	174.66	7.17
			Note: Stainless steel.		
			<i>For &gt;5 To 10, Deduct</i>	-6.90	
			<i>For &gt;10, Deduct</i>	-13.79	
			<i>For Placement In Cabinet, Deduct</i>	-18.38	
10 44 16 13-0018	EA		1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher.....	258.78	11.47
			Note: Stainless steel.		
			<i>For &gt;5 To 10, Deduct</i>	-9.95	
			<i>For &gt;10, Deduct</i>	-19.90	
			<i>For Placement In Cabinet, Deduct</i>	-29.88	
10 44 16 13-0019	EA		2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher.....	274.08	11.47
			Note: Stainless steel.		
			<i>For &gt;5 To 10, Deduct</i>	-10.72	
			<i>For &gt;10, Deduct</i>	-21.43	
			<i>For Placement In Cabinet, Deduct</i>	-29.88	
10 44 16 13-0020	EA		30 LB Dry Powder, Class D Portable Fire Extinguisher.....	430.24	11.47
			Note: Yellow steel.		
			<i>For &gt;5 To 10, Deduct</i>	-18.52	
			<i>For &gt;10, Deduct</i>	-37.05	
<b>10 44 16 13-0021</b>			<b>Recharge Existing Portable Fire Extinguishers (10 44 16 13)</b>		
			Note: Includes removal, filling, testing, certification and reinstallation.		
<b>10 44 16 13-0022</b>			<b>Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers (10 44 16 13-0021)</b>		
10 44 16 13-0023	EA		Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher.....	8.94	
10 44 16 13-0024	EA		Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher.....	9.94	
10 44 16 13-0025	EA		Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher.....	10.33	
10 44 16 13-0026	EA		Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher.....	11.70	
10 44 16 13-0027	EA		Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher.....	13.51	
<b>10 44 16 13-0028</b>			<b>Recharge Dry Chemical, Class ABC Portable Fire Extinguishers (10 44 16 13-0021)</b>		
10 44 16 13-0029	EA		Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher.....	10.79	
10 44 16 13-0030	EA		Recharge 5 LB Dry Chemical Portable Fire Extinguisher.....	13.06	
10 44 16 13-0031	EA		Recharge 10 LB Dry Chemical Portable Fire Extinguisher.....	18.45	
10 44 16 13-0032	EA		Recharge 20 LB Dry Chemical Portable Fire Extinguisher.....	29.13	
<b>10 44 16 13-0033</b>			<b>Recharge Other Portable Fire Extinguishers (10 44 16 13-0021)</b>		
10 44 16 13-0034	EA		Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher.....	10.67	
10 44 16 13-0035	EA		Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher.....	76.08	
10 44 16 13-0036	EA		Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher.....	106.51	
10 44 16 13-0037	EA		Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher.....	43.85	
<b>10 44 16 13-0038</b>			<b>Fire Extinguisher Backboards (10 44 16 13)</b>		
<b>10 44 16 13-0039</b>			<b>Fire Extinguisher Backboards (10 44 16 13-0038)</b>		
			Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0040	EA		Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard.....	59.01	8.23
10 44 16 13-0041	EA		Relocate Fire Extinguisher Wood Backboard, Any Size.....	72.65	
			Note: Includes storage and cleaning.		
<b>10 44 16 13-0042</b>			<b>Inspections And Testing (10 44 16 13)</b>		
10 44 16 13-0043	EA		On Site Fire Extinguisher Annual Inspection (Tag).....	9.65	
10 44 16 13-0044	EA		On Site Fire Extinguisher Hydrotest.....	14.19	
<b>10 44 19</b>			<b>Fire Blankets (10 44)</b>		
10 44 19 00-0001	EA		Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB).....	270.26	19.59
			Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
10 44 19 00-0002	EA		Drop Type Fire Blanket Cabinet (JL Industries 2FB).....	188.24	19.59
			Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Safety Specialties	10 40	
Fire Protection Specialties	10 44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 45 Photoluminescent Exit Specialties (10 40)

<b>10 45 00 00-0001 Photoluminescent Illuminated Egress Markings (10 45)</b>		
10 45 00 00-0002	LF 1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors.....	4.20
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0003	LF 1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors .....	4.47
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0004	LF 2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors.....	4.74
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0005	LF 1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors .....	4.47
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0006	LF 2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors .....	5.02
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0007	LF 1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors.....	5.36
	Note: Peel and stick.	
	For Wall Applied, Add	0.39
10 45 00 00-0008	EA 1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors.....	23.56
	Note: Self adhesive, high bond foam backing.	
10 45 00 00-0009	EA 1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip .....	23.33
	Note: Self adhesive, high bond foam backing.	

10 50 Storage Specialties (10)

10 51 Lockers (10 50)

**10 51 13 Metal Lockers (10 51)**

**10 51 13 00-0001 Institutional And Corridor Lockers (10 51 13)**

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

**10 51 13 00-0002 Single Tier Institutional Or Corridor Locker (10 51 13 00-0001)**

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA 12" x 12" x 60" Single Tier Institutional Or Corridor Locker.....	140.45	14.82
	For >25 To 50, Deduct	-5.54	
	For >50 To 100, Deduct	-11.53	
	For >100, Deduct	-17.51	
	For 14 Gauge Doors, Add	8.87	
10 51 13 00-0004	EA 12" x 15" x 60" Single Tier Institutional Or Corridor Locker.....	146.32	14.82
	For >25 To 50, Deduct	-5.83	
	For >50 To 100, Deduct	-12.11	
	For >100, Deduct	-18.39	
	For 14 Gauge Doors, Add	9.34	
10 51 13 00-0005	EA 12" x 18" x 60" Single Tier Institutional Or Corridor Locker.....	154.35	14.82
	For >25 To 50, Deduct	-6.24	
	For >50 To 100, Deduct	-12.92	
	For >100, Deduct	-19.60	
	For 14 Gauge Doors, Add	9.98	
10 51 13 00-0006	EA 12" x 12" x 72" Single Tier Institutional Or Corridor Locker.....	153.59	15.29
	For >25 To 50, Deduct	-6.15	
	For >50 To 100, Deduct	-12.76	
	For >100, Deduct	-19.37	
	For 14 Gauge Doors, Add	9.84	
10 51 13 00-0007	EA 12" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	158.46	15.29
	For >25 To 50, Deduct	-6.39	
	For >50 To 100, Deduct	-13.25	
	For >100, Deduct	-20.10	
	For 14 Gauge Doors, Add	10.23	
10 51 13 00-0008	EA 12" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	163.20	15.29
	For >25 To 50, Deduct	-6.63	
	For >50 To 100, Deduct	-13.72	
	For >100, Deduct	-20.81	
	For 14 Gauge Doors, Add	10.61	
10 51 13 00-0009	EA 15" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	171.40	15.29
	For >25 To 50, Deduct	-7.04	
	For >50 To 100, Deduct	-14.54	
	For >100, Deduct	-22.04	
	For 14 Gauge Doors, Add	11.26	
10 51 13 00-0010	EA 15" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	179.50	15.29
	For >25 To 50, Deduct	-7.45	
	For >50 To 100, Deduct	-15.35	
	For >100, Deduct	-23.25	
	For 14 Gauge Doors, Add	11.91	

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	188.09	15.29
			<i>For &gt;25 To 50, Deduct</i>	-7.88	
			<i>For &gt;50 To 100, Deduct</i>	-16.21	
			<i>For &gt;100, Deduct</i>	-24.54	
			<i>For 14 Gauge Doors, Add</i>	12.60	
10 51	13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	196.02	15.29
			<i>For &gt;25 To 50, Deduct</i>	-8.27	
			<i>For &gt;50 To 100, Deduct</i>	-17.00	
			<i>For &gt;100, Deduct</i>	-25.73	
			<i>For 14 Gauge Doors, Add</i>	13.23	
10 51	13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	268.47	15.29
			<i>For &gt;25 To 50, Deduct</i>	-11.89	
			<i>For &gt;50 To 100, Deduct</i>	-24.25	
			<i>For &gt;100, Deduct</i>	-36.60	
			<i>For 14 Gauge Doors, Add</i>	19.03	
<b>10 51</b>	<b>13 00-0014</b>		<b>Two Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
			Note: Includes three single hooks and one double hook per tier.		
10 51	13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	167.29	15.29
			<i>For &gt;25 To 50, Deduct</i>	-6.84	
			<i>For &gt;50 To 100, Deduct</i>	-14.13	
			<i>For &gt;100, Deduct</i>	-21.42	
			<i>For 14 Gauge Doors, Add</i>	15.04	
10 51	13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	170.99	15.29
			<i>For &gt;25 To 50, Deduct</i>	-7.02	
			<i>For &gt;50 To 100, Deduct</i>	-14.50	
			<i>For &gt;100, Deduct</i>	-21.98	
			<i>For 14 Gauge Doors, Add</i>	15.44	
10 51	13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	174.72	15.29
			<i>For &gt;25 To 50, Deduct</i>	-7.21	
			<i>For &gt;50 To 100, Deduct</i>	-14.87	
			<i>For &gt;100, Deduct</i>	-22.54	
			<i>For 14 Gauge Doors, Add</i>	15.85	
10 51	13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	175.05	15.77
			<i>For &gt;25 To 50, Deduct</i>	-7.18	
			<i>For &gt;50 To 100, Deduct</i>	-14.82	
			<i>For &gt;100, Deduct</i>	-22.47	
			<i>For 14 Gauge Doors, Add</i>	15.79	
10 51	13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	183.13	15.77
			<i>For &gt;25 To 50, Deduct</i>	-7.58	
			<i>For &gt;50 To 100, Deduct</i>	-15.63	
			<i>For &gt;100, Deduct</i>	-23.68	
			<i>For 14 Gauge Doors, Add</i>	16.67	
10 51	13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	188.01	15.77
			<i>For &gt;25 To 50, Deduct</i>	-7.82	
			<i>For &gt;50 To 100, Deduct</i>	-16.12	
			<i>For &gt;100, Deduct</i>	-24.42	
			<i>For 14 Gauge Doors, Add</i>	17.21	
10 51	13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	195.01	15.77
			<i>For &gt;25 To 50, Deduct</i>	-8.17	
			<i>For &gt;50 To 100, Deduct</i>	-16.82	
			<i>For &gt;100, Deduct</i>	-25.47	
			<i>For 14 Gauge Doors, Add</i>	17.98	
10 51	13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	202.04	15.77
			<i>For &gt;25 To 50, Deduct</i>	-8.52	
			<i>For &gt;50 To 100, Deduct</i>	-17.52	
			<i>For &gt;100, Deduct</i>	-26.52	
			<i>For 14 Gauge Doors, Add</i>	18.75	
10 51	13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	233.84	15.77
			<i>For &gt;25 To 50, Deduct</i>	-10.11	
			<i>For &gt;50 To 100, Deduct</i>	-20.70	
			<i>For &gt;100, Deduct</i>	-31.29	
			<i>For 14 Gauge Doors, Add</i>	22.25	
10 51	13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	239.61	15.77
			<i>For &gt;25 To 50, Deduct</i>	-10.40	
			<i>For &gt;50 To 100, Deduct</i>	-21.28	
			<i>For &gt;100, Deduct</i>	-32.16	
			<i>For 14 Gauge Doors, Add</i>	22.89	
<b>10 51</b>	<b>13 00-0025</b>		<b>Three Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
			Note: Includes one double hook per tier.		
10 51	13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	197.47	16.25
			<i>For &gt;25 To 50, Deduct</i>	-8.25	
			<i>For &gt;50 To 100, Deduct</i>	-16.98	
			<i>For &gt;100, Deduct</i>	-25.72	
			<i>For 14 Gauge Doors, Add</i>	24.75	
10 51	13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	201.26	16.25
			<i>For &gt;25 To 50, Deduct</i>	-8.44	
			<i>For &gt;50 To 100, Deduct</i>	-17.36	
			<i>For &gt;100, Deduct</i>	-26.29	
			<i>For 14 Gauge Doors, Add</i>	25.31	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Lockers	10 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0028	EA		12" x 18" x 72" Three Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	214.76 -9.11 -18.71 -28.31 27.34	16.25
10 51 13 00-0029	EA		15" x 15" x 72" Three Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	227.69 -9.76 -20.01 -30.25 29.28	16.25
10 51 13 00-0030	EA		15" x 18" x 72" Three Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	237.98 -10.27 -21.04 -31.80 30.82	16.25
<b>10 51 13 00-0031</b>			<b>Four Tier Institutional Or Corridor Locker</b> (10 51 13 00-0001)		
10 51 13 00-0032	EA		12" x 12" x 72" Four Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	193.35 -7.99 -16.49 -24.99	16.73
10 51 13 00-0033	EA		12" x 15" x 72" Four Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	199.98 -8.33 -17.15 -25.98	16.73
10 51 13 00-0034	EA		12" x 18" x 72" Four Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	210.64 -8.86 -18.22 -27.58	16.73
10 51 13 00-0035	EA		15" x 15" x 72" Four Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	219.17 -9.29 -19.07 -28.86	16.73
10 51 13 00-0036	EA		15" x 18" x 72" Four Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	231.46 -9.90 -20.30 -30.70	16.73
<b>10 51 13 00-0037</b>			<b>Six Tier Institutional Or Corridor Locker</b> (10 51 13 00-0001)		
10 51 13 00-0038	EA		12" x 12" x 72" Six Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	210.97 -8.83 -18.17 -27.52	17.21
10 51 13 00-0039	EA		12" x 15" x 72" Six Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	216.08 -9.08 -18.68 -28.28	17.21
10 51 13 00-0040	EA		12" x 18" x 72" Six Tier Institutional Or Corridor Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	225.73 -9.57 -19.65 -29.73	17.21
<b>10 51 13 00-0041</b>			<b>Locker And Coat Rack Combination</b> (10 51 13 00-0001)		
10 51 13 00-0042	EA		45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination .....	402.92	11.47
10 51 13 00-0043	EA		72" x 18" x 78", 16 Person Locker And Coat Rack Combination .....	640.82	23.90
<b>10 51 13 00-0044</b>			<b>Athletic Lockers</b> (10 51 13)		
			Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
<b>10 51 13 00-0045</b>			<b>Single Tier Athletic Locker</b> (10 51 13 00-0044)		
			Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0046	EA		12" x 15" x 72" Single Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	223.65 -9.65 -19.76 -29.88	15.29
10 51 13 00-0047	EA		12" x 18" x 72" Single Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	237.68 -10.35 -21.17 -31.98	15.29
10 51 13 00-0048	EA		15" x 15" x 72" Single Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	242.61 -10.60 -21.66 -32.72	15.29
10 51 13 00-0049	EA		15" x 18" x 72" Single Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	251.62 -11.05 -22.56 -34.07	15.29

<b>10</b>	<b>10 Specialties</b>
	<b>10 50 Storage Specialties</b>
	<b>10 51 Lockers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0050	EA	18" x 18" x 72" Single Tier Athletic Locker .....	273.83	15.29
			<i>For &gt;25 To 50, Deduct</i>	-12.16	
			<i>For &gt;50 To 100, Deduct</i>	-24.78	
			<i>For &gt;100, Deduct</i>	-37.40	
10 51	13 00-0051	EA	18" x 21" x 72" Single Tier Athletic Locker .....	297.10	15.29
			<i>For &gt;25 To 50, Deduct</i>	-13.33	
			<i>For &gt;50 To 100, Deduct</i>	-27.11	
			<i>For &gt;100, Deduct</i>	-40.89	
<b>10 51</b>	<b>13 00-0052</b>		<b>Two Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
			Note: Includes three single hooks and one double hook per tier.		
10 51	13 00-0053	EA	12" x 12" x 72" Two Tier Athletic Locker .....	250.95	15.77
			<i>For &gt;25 To 50, Deduct</i>	-10.97	
			<i>For &gt;50 To 100, Deduct</i>	-22.41	
			<i>For &gt;100, Deduct</i>	-33.86	
10 51	13 00-0054	EA	12" x 15" x 72" Two Tier Athletic Locker .....	259.44	15.77
			<i>For &gt;25 To 50, Deduct</i>	-11.39	
			<i>For &gt;50 To 100, Deduct</i>	-23.26	
			<i>For &gt;100, Deduct</i>	-35.13	
10 51	13 00-0055	EA	12" x 18" x 72" Two Tier Athletic Locker .....	271.02	15.77
			<i>For &gt;25 To 50, Deduct</i>	-11.97	
			<i>For &gt;50 To 100, Deduct</i>	-24.42	
			<i>For &gt;100, Deduct</i>	-36.87	
10 51	13 00-0056	EA	15" x 15" x 72" Two Tier Athletic Locker .....	272.77	15.77
			<i>For &gt;25 To 50, Deduct</i>	-12.06	
			<i>For &gt;50 To 100, Deduct</i>	-24.60	
			<i>For &gt;100, Deduct</i>	-37.13	
10 51	13 00-0057	EA	15" x 18" x 72" Two Tier Athletic Locker .....	282.29	15.77
			<i>For &gt;25 To 50, Deduct</i>	-12.54	
			<i>For &gt;50 To 100, Deduct</i>	-25.55	
			<i>For &gt;100, Deduct</i>	-38.56	
10 51	13 00-0058	EA	18" x 18" x 72" Two Tier Athletic Locker .....	293.97	15.77
			<i>For &gt;25 To 50, Deduct</i>	-13.12	
			<i>For &gt;50 To 100, Deduct</i>	-26.72	
			<i>For &gt;100, Deduct</i>	-40.31	
10 51	13 00-0059	EA	18" x 21" x 72" Two Tier Athletic Locker .....	320.20	15.77
			<i>For &gt;25 To 50, Deduct</i>	-14.43	
			<i>For &gt;50 To 100, Deduct</i>	-29.34	
			<i>For &gt;100, Deduct</i>	-44.24	
<b>10 51</b>	<b>13 00-0060</b>		<b>Three Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
			Note: Includes one double hook per tier.		
10 51	13 00-0061	EA	12" x 12" x 72" Three Tier Athletic Locker .....	278.20	16.25
			<i>For &gt;25 To 50, Deduct</i>	-12.29	
			<i>For &gt;50 To 100, Deduct</i>	-25.06	
			<i>For &gt;100, Deduct</i>	-37.83	
10 51	13 00-0062	EA	12" x 15" x 72" Three Tier Athletic Locker .....	290.34	16.25
			<i>For &gt;25 To 50, Deduct</i>	-12.89	
			<i>For &gt;50 To 100, Deduct</i>	-26.27	
			<i>For &gt;100, Deduct</i>	-39.65	
10 51	13 00-0063	EA	12" x 18" x 72" Three Tier Athletic Locker .....	307.08	16.25
			<i>For &gt;25 To 50, Deduct</i>	-13.73	
			<i>For &gt;50 To 100, Deduct</i>	-27.95	
			<i>For &gt;100, Deduct</i>	-42.16	
10 51	13 00-0064	EA	15" x 15" x 72" Three Tier Athletic Locker .....	315.65	16.25
			<i>For &gt;25 To 50, Deduct</i>	-14.16	
			<i>For &gt;50 To 100, Deduct</i>	-28.80	
			<i>For &gt;100, Deduct</i>	-43.45	
10 51	13 00-0065	EA	15" x 18" x 72" Three Tier Athletic Locker .....	328.51	16.25
			<i>For &gt;25 To 50, Deduct</i>	-14.80	
			<i>For &gt;50 To 100, Deduct</i>	-30.09	
			<i>For &gt;100, Deduct</i>	-45.38	
<b>10 51</b>	<b>13 00-0066</b>		<b>Four Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
10 51	13 00-0067	EA	12" x 12" x 72" Four Tier Athletic Locker .....	257.68	16.73
			<i>For &gt;25 To 50, Deduct</i>	-11.21	
			<i>For &gt;50 To 100, Deduct</i>	-22.92	
			<i>For &gt;100, Deduct</i>	-34.64	
10 51	13 00-0068	EA	12" x 15" x 72" Four Tier Athletic Locker .....	274.37	16.73
			<i>For &gt;25 To 50, Deduct</i>	-12.05	
			<i>For &gt;50 To 100, Deduct</i>	-24.59	
			<i>For &gt;100, Deduct</i>	-37.14	
10 51	13 00-0069	EA	12" x 18" x 72" Four Tier Athletic Locker .....	291.06	16.73
			<i>For &gt;25 To 50, Deduct</i>	-12.88	
			<i>For &gt;50 To 100, Deduct</i>	-26.26	
			<i>For &gt;100, Deduct</i>	-39.64	
10 51	13 00-0070	EA	15" x 15" x 72" Four Tier Athletic Locker .....	299.61	16.73
			<i>For &gt;25 To 50, Deduct</i>	-13.31	
			<i>For &gt;50 To 100, Deduct</i>	-27.12	
			<i>For &gt;100, Deduct</i>	-40.93	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Lockers	10 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0071 EA 15" x 18" x 72" Four Tier Athletic Locker ..... For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	306.02 -13.63 -27.76 -41.89	16.73
<b>10 51 13 00-0072 Six Tier Athletic Locker (10 51 13 00-0044)</b>		
10 51 13 00-0073 EA 12" x 12" x 72" Six Tier Athletic Locker..... For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	286.70 -12.61 -25.75 -38.88	17.21
10 51 13 00-0074 EA 12" x 15" x 72" Six Tier Athletic Locker..... For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	299.53 -13.26 -27.03 -40.80	17.21
10 51 13 00-0075 EA 12" x 18" x 72" Six Tier Athletic Locker..... For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	312.32 -13.90 -28.31 -42.72	17.21
10 51 13 00-0076 EA 12" x 21" x 72" Six Tier Athletic Locker..... For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	359.04 -16.23 -32.98 -49.73	17.21
<b>10 51 13 00-0077 Metal Locker Accessories (10 51 13)</b>		
<b>10 51 13 00-0078 Locker Slope Tops (10 51 13 00-0077)</b>		
<b>10 51 13 00-0079 16 Gauge Continuous Sloping Hood (10 51 13 00-0078)</b>		
10 51 13 00-0080 LF 12" Deep, 16 Gauge Continuous Slope Top.....	17.49	1.91
10 51 13 00-0081 LF 15" Deep, 16 Gauge Continuous Slope Top.....	14.57	1.91
10 51 13 00-0082 LF 18" Deep, 16 Gauge Continuous Slope Top.....	20.48	1.91
10 51 13 00-0083 LF 21" Deep, 16 Gauge Continuous Slope Top.....	22.75	1.91
10 51 13 00-0084 LF 24" Deep, 16 Gauge Continuous Slope Top.....	23.82	1.91
<b>10 51 13 00-0085 16 Gauge Slope Top Corner Fillers (10 51 13 00-0078)</b>		
10 51 13 00-0086 EA 12" Deep, 16 Gauge Slope Top Corner Fillers.....	76.12	1.91
10 51 13 00-0087 EA 15" Deep, 16 Gauge Slope Top Corner Fillers.....	77.78	1.91
10 51 13 00-0088 EA 18" Deep, 16 Gauge Slope Top Corner Fillers.....	79.42	1.91
10 51 13 00-0089 EA 21" Deep, 16 Gauge Slope Top Corner Fillers.....	81.42	1.91
10 51 13 00-0090 EA 24" Deep, 16 Gauge Slope Top Corner Fillers.....	83.40	1.91
<b>10 51 13 00-0091 20 Gauge Individual Slope Top (10 51 13 00-0078)</b>		
10 51 13 00-0092 EA 12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	14.86	1.91
10 51 13 00-0093 EA 12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	14.75	1.91
10 51 13 00-0094 EA 12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	16.55	1.91
10 51 13 00-0095 EA 15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	16.55	1.91
10 51 13 00-0096 EA 15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	16.98	1.91
10 51 13 00-0097 EA 15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	18.68	1.91
10 51 13 00-0098 EA 18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	18.68	1.91
10 51 13 00-0099 EA 18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	20.91	1.91
10 51 13 00-0100 EA 18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	23.57	1.91
<b>10 51 13 00-0101 Continuous Slope Top End Closures (10 51 13 00-0078)</b>		
10 51 13 00-0102 PR 12" Deep, Continuous Slope Top End Closures.....	15.92	1.91
10 51 13 00-0103 PR 15" Deep, Continuous Slope Top End Closures.....	13.35	1.91
10 51 13 00-0104 PR 18" Deep, Continuous Slope Top End Closures.....	18.04	1.91
10 51 13 00-0105 PR 21" Deep, Continuous Slope Top End Closures.....	19.10	1.91
10 51 13 00-0106 PR 24" Deep, Continuous Slope Top End Closures.....	19.83	1.91
<b>10 51 13 00-0107 Individual Slope Top End Closures (10 51 13 00-0078)</b>		
10 51 13 00-0108 EA 12" Deep, Individual Slope Top End Closures.....	9.87	1.91
10 51 13 00-0109 EA 15" Deep, Individual Slope Top End Closures.....	10.20	1.91
10 51 13 00-0110 EA 18" Deep, Individual Slope Top End Closures.....	10.94	1.91
10 51 13 00-0111 EA 21" Deep, Individual Slope Top End Closures.....	11.45	1.91
10 51 13 00-0112 EA 24" Deep, Individual Slope Top End Closures.....	16.69	1.91
<b>10 51 13 00-0113 Locker Base (10 51 13 00-0077)</b>		
<b>10 51 13 00-0114 Closed Front Base (10 51 13 00-0113)</b>		
10 51 13 00-0115 EA 12" Wide, 6" High Closed Front Base.....	10.44	1.91
10 51 13 00-0116 EA 15" Wide, 6" High Closed Front Base.....	10.99	1.91
10 51 13 00-0117 EA 18" Wide, 6" High Closed Front Base.....	12.15	1.91
10 51 13 00-0118 EA 24" Wide, 6" High Closed Front Base.....	12.70	1.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0119		<b>Closed End Base</b> <small>(10 51 13 00-0113)</small>		
	10 51 13 00-0120	EA	12" Deep, 6" High Closed End Base.....	11.98	1.91
	10 51 13 00-0121	EA	15" Deep, 6" High Closed End Base.....	12.07	1.91
	10 51 13 00-0122	EA	18" Deep, 6" High Closed End Base.....	12.82	1.91
	10 51 13 00-0123	EA	21" Deep, 6" High Closed End Base.....	13.56	1.91
	10 51 13 00-0124	EA	24" Deep, 6" High Closed End Base.....	14.56	1.91
10 51	13 00-0125		<b>Recessed Continuous Front "Z" Base</b> <small>(10 51 13 00-0113)</small>		
	10 51 13 00-0126	LF	4" High Recessed Continuous Front "Z" Base.....	12.94	1.44
10 51	13 00-0127		<b>"Z" Base Ends Or Splice</b> <small>(10 51 13 00-0113)</small>		
	10 51 13 00-0128	EA	12" Wide, 4" High Z-Base Ends Or Splice.....	12.57	1.91
	10 51 13 00-0129	EA	15" Wide, 4" High Z-Base Ends Or Splice.....	14.75	1.91
	10 51 13 00-0130	EA	18" Wide, 4" High Z-Base Ends Or Splice.....	16.98	1.91
	10 51 13 00-0131	EA	21" Wide, 4" High Z-Base Ends Or Splice.....	19.32	1.91
	10 51 13 00-0132	EA	24" Wide, 4" High Z-Base Ends Or Splice.....	21.65	1.91
10 51	13 00-0133		<b>Locker Front Fillers And End Panels</b> <small>(10 51 13 00-0077)</small>		
10 51	13 00-0134		<b>Locker Front Fillers</b> <small>(10 51 13 00-0133)</small>		
	10 51 13 00-0135	EA	6" Wide x 60" High, 16 Gauge Front Filler.....	21.03	2.38
	10 51 13 00-0136	EA	12" Wide x 60" High, 16 Gauge Front Filler.....	33.30	2.38
	10 51 13 00-0137	EA	6" Wide x 66" High, 16 Gauge Front Filler.....	23.03	2.38
	10 51 13 00-0138	EA	12" Wide x 66" High, 16 Gauge Front Filler.....	26.06	2.38
	10 51 13 00-0139	EA	6" Wide x 72" High, 16 Gauge Front Filler.....	25.35	2.38
	10 51 13 00-0140	EA	12" Wide x 72" High, 16 Gauge Front Filler.....	36.61	2.38
	10 51 13 00-0141	EA	6" Wide x 78" High, 16 Gauge Front Filler.....	25.99	2.38
	10 51 13 00-0142	EA	12" Wide x 78" High, 16 Gauge Front Filler.....	30.54	2.38
10 51	13 00-0143		<b>Locker End Panels</b> <small>(10 51 13 00-0133)</small>		
	10 51 13 00-0144	EA	12" Deep x 60" High, 16 Gauge End Panel.....	33.75	1.91
	10 51 13 00-0145	EA	15" Deep x 60" High, 16 Gauge End Panel.....	38.45	1.91
	10 51 13 00-0146	EA	18" Deep x 60" High, 16 Gauge End Panel.....	45.85	1.91
	10 51 13 00-0147	EA	12" Deep x 72" High, 16 Gauge End Panel.....	40.00	1.91
	10 51 13 00-0148	EA	15" Deep x 72" High, 16 Gauge End Panel.....	45.72	1.91
	10 51 13 00-0149	EA	18" Deep x 72" High, 16 Gauge End Panel.....	53.33	1.91
	10 51 13 00-0150	EA	21" Deep x 72" High, 16 Gauge End Panel.....	61.59	1.91
10 51	13 00-0151		<b>Locker Recessed Trim</b> <small>(10 51 13 00-0077)</small>		
	10 51 13 00-0152	LF	3" Height, Top Trim For Recessed Lockers.....	5.47	0.96
	10 51 13 00-0153	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers.....	15.58	1.91
	10 51 13 00-0154	EA	60" Height, 3" Wide Side Trim For Recessed Lockers.....	24.40	1.91
	10 51 13 00-0155	EA	66" Height, 3" Wide Side Trim For Recessed Lockers.....	25.33	1.91
	10 51 13 00-0156	EA	72" Height, 3" Wide Side Trim For Recessed Lockers.....	26.26	1.91
	10 51 13 00-0157	EA	78" Height, 3" Wide Side Trim For Recessed Lockers.....	27.07	1.91
10 51	13 00-0158		<b>Locker Interior Accessories</b> <small>(10 51 13 00-0077)</small>		
10 51	13 00-0159		<b>Locker Coat Rods</b> <small>(10 51 13 00-0158)</small>		
	10 51 13 00-0160	EA	12" Wide Coat Rod.....	7.82	1.91
	10 51 13 00-0161	EA	15" Wide Coat Rod.....	8.69	1.91
	10 51 13 00-0162	EA	18" Wide Coat Rod.....	9.46	1.91
	10 51 13 00-0163	EA	24" Wide Coat Rod.....	10.14	1.91
10 51	13 00-0164		<b>Locker Hat Shelf</b> <small>(10 51 13 00-0158)</small>		
	10 51 13 00-0165	EA	12" Wide Hat Shelf.....	9.65	1.91
	10 51 13 00-0166	EA	15" Wide Hat Shelf.....	11.52	1.91
	10 51 13 00-0167	EA	18" Wide Hat Shelf.....	12.31	1.91
	10 51 13 00-0168	EA	24" Wide Hat Shelf.....	15.43	1.91
10 51	13 00-0169		<b>Locker ADA Compliant Shelf</b> <small>(10 51 13 00-0158)</small>		
	10 51 13 00-0170	EA	ADA Compliant Shelf For Single Tier Lockers..... Note: Includes an ADA label for locker face.	19.94	2.38
10 51	13 00-0171		<b>Other Interior Locker Accessories</b> <small>(10 51 13 00-0158)</small>		
	10 51 13 00-0172	EA	3" x 10" Bent Plate Shoe Rack.....	27.14	1.91
	10 51 13 00-0173	EA	8" x 10" Mirror.....	21.31	1.91
	10 51 13 00-0174	EA	Additional Hook.....	5.28	1.91



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Lockers	10 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 51 13 00-0175 Locker Locks</b> <small>(10 51 13 00-0077)</small>		
10 51 13 00-0176 EA Built In Combination Lock.....	23.49	1.91
<b>10 51 13 00-0177 Locker Repair And Refinishing</b> <small>(10 51 13)</small>		
10 51 13 00-0178 EA Replace Single Tier Locker Door.....	183.31	
10 51 13 00-0179 EA Replace Two Tier Locker Door.....	143.89	
10 51 13 00-0180 EA Replace Three Tier Locker Door.....	122.69	
10 51 13 00-0181 EA Replace Four Tier Locker Door.....	102.90	
10 51 13 00-0182 EA Replace Six Tier Or Sixteen Person Locker Door.....	53.91	
10 51 13 00-0183 EA Realign Metal Locker Door For Proper Closure.....	19.45	
10 51 13 00-0184 SF Patch Small Drill Holes in Locker.....	3.89	
<b>10 51 13 00-0185 Steel Basket Racks Mounted On Concrete Base</b> <small>(10 51 13)</small>		
Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0186 EA 9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack.....	1,132.86	35.85
10 51 13 00-0187 EA 12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack.....	965.21	35.85
<b>10 51 13 00-0188 All-Welded Steel Lockers</b> <small>(10 51 13)</small>		
<b>10 51 13 00-0189 All-Welded Steel Lockers</b> <small>(10 51 13 00-0188)</small>		
Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
<b>10 51 13 00-0190 Single Tier, All-Welded Steel Lockers</b> <small>(10 51 13 00-0189)</small>		
Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0191 EA 12" x 12" x 48" Single Tier, All-Welded Steel Locker.....	234.06	8.37
For >25 To 50, Deduct	-11.11	
For >50 To 100, Deduct	-22.39	
For >100, Deduct	-33.68	
10 51 13 00-0192 EA 12" x 15" x 48" Single Tier, All-Welded Steel Locker.....	247.18	8.37
For >25 To 50, Deduct	-11.76	
For >50 To 100, Deduct	-23.70	
For >100, Deduct	-35.64	
10 51 13 00-0193 EA 12" x 18" x 48" Single Tier, All-Welded Steel Locker.....	259.80	8.37
For >25 To 50, Deduct	-12.39	
For >50 To 100, Deduct	-24.97	
For >100, Deduct	-37.54	
10 51 13 00-0194 EA 12" x 12" x 60" Single Tier, All-Welded Steel Locker.....	244.89	8.37
For >25 To 50, Deduct	-11.65	
For >50 To 100, Deduct	-23.47	
For >100, Deduct	-35.30	
10 51 13 00-0195 EA 12" x 15" x 60" Single Tier, All-Welded Steel Locker.....	257.51	8.37
For >25 To 50, Deduct	-12.28	
For >50 To 100, Deduct	-24.74	
For >100, Deduct	-37.19	
10 51 13 00-0196 EA 12" x 18" x 60" Single Tier, All-Welded Steel Locker.....	270.13	8.37
For >25 To 50, Deduct	-12.91	
For >50 To 100, Deduct	-26.00	
For >100, Deduct	-39.09	
10 51 13 00-0197 EA 12" x 12" x 72" Single Tier, All-Welded Steel Locker.....	257.78	9.20
For >25 To 50, Deduct	-12.23	
For >50 To 100, Deduct	-24.66	
For >100, Deduct	-37.09	
10 51 13 00-0198 EA 12" x 15" x 72" Single Tier, All-Welded Steel Locker.....	269.46	9.20
For >25 To 50, Deduct	-12.82	
For >50 To 100, Deduct	-25.83	
For >100, Deduct	-38.84	
10 51 13 00-0199 EA 12" x 18" x 72" Single Tier, All-Welded Steel Locker.....	282.08	9.20
For >25 To 50, Deduct	-13.45	
For >50 To 100, Deduct	-27.09	
For >100, Deduct	-40.73	
10 51 13 00-0200 EA 15" x 15" x 72" Single Tier, All-Welded Steel Locker.....	293.89	9.20
For >25 To 50, Deduct	-14.04	
For >50 To 100, Deduct	-28.27	
For >100, Deduct	-42.51	
10 51 13 00-0201 EA 15" x 18" x 72" Single Tier, All-Welded Steel Locker.....	303.61	9.20
For >25 To 50, Deduct	-14.52	
For >50 To 100, Deduct	-29.24	
For >100, Deduct	-43.96	
10 51 13 00-0202 EA 18" x 18" x 72" Single Tier, All-Welded Steel Locker.....	317.03	9.20
For >25 To 50, Deduct	-15.19	
For >50 To 100, Deduct	-30.59	
For >100, Deduct	-45.98	
10 51 13 00-0203 EA 18" x 21" x 72" Single Tier, All-Welded Steel Locker.....	332.12	9.20
For >25 To 50, Deduct	-15.95	
For >50 To 100, Deduct	-32.09	
For >100, Deduct	-48.24	

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0204	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker .....	559.43	9.20
			<i>For &gt;25 To 50, Deduct</i>	-27.31	
			<i>For &gt;50 To 100, Deduct</i>	-54.83	
			<i>For &gt;100, Deduct</i>	-82.34	
<b>10 51</b>	<b>13 00-0205</b>		<b>Two Tier, All-Welded Steel Lockers</b> <small>(10 51 13 00-0189)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51	13 00-0206	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker.....	285.81	8.37
			<i>For &gt;25 To 50, Deduct</i>	-13.69	
			<i>For &gt;50 To 100, Deduct</i>	-27.57	
			<i>For &gt;100, Deduct</i>	-41.44	
10 51	13 00-0207	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker.....	291.60	8.37
			<i>For &gt;25 To 50, Deduct</i>	-13.98	
			<i>For &gt;50 To 100, Deduct</i>	-28.15	
			<i>For &gt;100, Deduct</i>	-42.31	
10 51	13 00-0208	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker.....	307.15	8.37
			<i>For &gt;25 To 50, Deduct</i>	-14.76	
			<i>For &gt;50 To 100, Deduct</i>	-29.70	
			<i>For &gt;100, Deduct</i>	-44.64	
10 51	13 00-0209	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker.....	296.69	9.20
			<i>For &gt;25 To 50, Deduct</i>	-14.18	
			<i>For &gt;50 To 100, Deduct</i>	-28.55	
			<i>For &gt;100, Deduct</i>	-42.93	
10 51	13 00-0210	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker.....	318.12	9.20
			<i>For &gt;25 To 50, Deduct</i>	-15.25	
			<i>For &gt;50 To 100, Deduct</i>	-30.69	
			<i>For &gt;100, Deduct</i>	-46.14	
10 51	13 00-0211	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker.....	329.80	9.20
			<i>For &gt;25 To 50, Deduct</i>	-15.83	
			<i>For &gt;50 To 100, Deduct</i>	-31.86	
			<i>For &gt;100, Deduct</i>	-47.89	
10 51	13 00-0212	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker.....	346.45	9.20
			<i>For &gt;25 To 50, Deduct</i>	-16.67	
			<i>For &gt;50 To 100, Deduct</i>	-33.53	
			<i>For &gt;100, Deduct</i>	-50.39	
10 51	13 00-0213	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker.....	354.29	9.20
			<i>For &gt;25 To 50, Deduct</i>	-17.06	
			<i>For &gt;50 To 100, Deduct</i>	-34.31	
			<i>For &gt;100, Deduct</i>	-51.57	
10 51	13 00-0214	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker.....	376.88	9.20
			<i>For &gt;25 To 50, Deduct</i>	-18.19	
			<i>For &gt;50 To 100, Deduct</i>	-36.57	
			<i>For &gt;100, Deduct</i>	-54.95	
10 51	13 00-0215	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker.....	394.38	9.20
			<i>For &gt;25 To 50, Deduct</i>	-19.06	
			<i>For &gt;50 To 100, Deduct</i>	-38.32	
			<i>For &gt;100, Deduct</i>	-57.58	
<b>10 51</b>	<b>13 00-0216</b>		<b>Three Tier, All-Welded Steel Lockers</b> <small>(10 51 13 00-0189)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51	13 00-0217	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker.....	357.06	9.20
			<i>For &gt;25 To 50, Deduct</i>	-17.20	
			<i>For &gt;50 To 100, Deduct</i>	-34.59	
			<i>For &gt;100, Deduct</i>	-51.98	
10 51	13 00-0218	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker.....	365.84	9.20
			<i>For &gt;25 To 50, Deduct</i>	-17.63	
			<i>For &gt;50 To 100, Deduct</i>	-35.47	
			<i>For &gt;100, Deduct</i>	-53.30	
10 51	13 00-0219	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker.....	374.56	9.20
			<i>For &gt;25 To 50, Deduct</i>	-18.07	
			<i>For &gt;50 To 100, Deduct</i>	-36.34	
			<i>For &gt;100, Deduct</i>	-54.61	
10 51	13 00-0220	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker.....	395.21	9.20
			<i>For &gt;25 To 50, Deduct</i>	-19.10	
			<i>For &gt;50 To 100, Deduct</i>	-38.40	
			<i>For &gt;100, Deduct</i>	-57.70	
10 51	13 00-0221	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker.....	399.02	9.20
			<i>For &gt;25 To 50, Deduct</i>	-19.29	
			<i>For &gt;50 To 100, Deduct</i>	-38.78	
			<i>For &gt;100, Deduct</i>	-58.28	
<b>10 51</b>	<b>13 00-0222</b>		<b>Four Tier, All-Welded Steel Lockers</b> <small>(10 51 13 00-0189)</small>		
10 51	13 00-0223	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker.....	336.23	9.20
			<i>For &gt;25 To 50, Deduct</i>	-16.15	
			<i>For &gt;50 To 100, Deduct</i>	-32.51	
			<i>For &gt;100, Deduct</i>	-48.86	
10 51	13 00-0224	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker.....	344.52	9.20
			<i>For &gt;25 To 50, Deduct</i>	-16.57	
			<i>For &gt;50 To 100, Deduct</i>	-33.33	
			<i>For &gt;100, Deduct</i>	-50.10	



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Storage Specialties</b>	<b>10 50</b>	
<b>Lockers</b>	<b>10 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0225	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	352.76 -16.98 -34.16 -51.34	9.20
10 51	13 00-0226	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	372.19 -17.95 -36.10 -54.25	9.20
10 51	13 00-0227	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	375.73 -18.13 -36.46 -54.78	9.20
<b>10 51 13 00-0228 Six Tier, All-Welded Steel Lockers (10 51 13 00-0189)</b>					
10 51	13 00-0229	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	349.13 -16.80 -33.80 -50.79	9.20
10 51	13 00-0230	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	361.23 -17.40 -35.01 -52.61	9.20
10 51	13 00-0231	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	370.14 -17.85 -35.90 -53.94	9.20
<b>10 51 13 00-0232 All Welded Locker Accessories (10 51 13 00-0188)</b>					
10 51	13 00-0233	EA	ADA Requirements For All Welded Lockers.....	63.77	
10 51	13 00-0234	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers.....	102.20	1.91
10 51	13 00-0235	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers.....	118.60	1.91
10 51	13 00-0236	EA	Recessed Trim For All Welded Lockers.....	71.84	1.91
10 51	13 00-0237	EA	Built In Combination Lock For All Welded Lockers.....	23.49	1.91
10 51	13 00-0238	EA	Pad Lock For All Welded Lockers.....	19.00	1.91
<b>10 51 26 Plastic Lockers (10 51)</b>					
<b>10 51 26 00-0001 Solid Plastic Lockers (10 51 26)</b>					
Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.					
<b>10 51 26 00-0002 Single Tier Solid Plastic Lockers (10 51 26 00-0001)</b>					
Note: Includes one double hook per tier.					
10 51	26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	270.84 -24.12 -37.07	14.82
10 51	26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	275.68 -24.61 -37.80	14.82
10 51	26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	280.52 -25.09 -38.52	14.82
10 51	26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	287.77 -25.81 -39.61	14.82
10 51	26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	280.10 -25.05 -38.46	14.82
10 51	26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	282.13 -25.25 -38.76	14.82
10 51	26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	278.55 -24.89 -38.23	14.82
10 51	26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	298.53 -26.89 -41.22	14.82
10 51	26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	293.93 -26.43 -40.53	14.82
10 51	26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	299.30 -26.97 -41.34	14.82
10 51	26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	304.68 -27.51 -42.15	14.82
10 51	26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	316.97 -28.73 -43.99	14.82
10 51	26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	333.88 -30.43 -46.53	14.82

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0016	EA		18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	318.51	14.82
			<i>For &gt;50 To 100, Deduct</i>	-28.89	
			<i>For &gt;100, Deduct</i>	-44.22	
10 51 26 00-0017	EA		18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	346.16	14.82
			<i>For &gt;50 To 100, Deduct</i>	-31.65	
			<i>For &gt;100, Deduct</i>	-48.37	
10 51 26 00-0018	EA		12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	296.07	14.82
			<i>For &gt;50 To 100, Deduct</i>	-26.64	
			<i>For &gt;100, Deduct</i>	-40.85	
10 51 26 00-0019	EA		12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	311.83	14.82
			<i>For &gt;50 To 100, Deduct</i>	-28.22	
			<i>For &gt;100, Deduct</i>	-43.22	
10 51 26 00-0020	EA		12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	327.60	14.82
			<i>For &gt;50 To 100, Deduct</i>	-29.80	
			<i>For &gt;100, Deduct</i>	-45.58	
10 51 26 00-0021	EA		15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	316.05	14.82
			<i>For &gt;50 To 100, Deduct</i>	-28.64	
			<i>For &gt;100, Deduct</i>	-43.85	
10 51 26 00-0022	EA		15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	332.75	14.82
			<i>For &gt;50 To 100, Deduct</i>	-30.31	
			<i>For &gt;100, Deduct</i>	-46.36	
10 51 26 00-0023	EA		15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	349.47	14.82
			<i>For &gt;50 To 100, Deduct</i>	-31.98	
			<i>For &gt;100, Deduct</i>	-48.86	
10 51 26 00-0024	EA		18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	336.03	14.82
			<i>For &gt;50 To 100, Deduct</i>	-30.64	
			<i>For &gt;100, Deduct</i>	-46.85	
10 51 26 00-0025	EA		18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	353.69	14.82
			<i>For &gt;50 To 100, Deduct</i>	-32.41	
			<i>For &gt;100, Deduct</i>	-49.50	
10 51 26 00-0026	EA		12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	338.89	15.29
			<i>For &gt;50 To 100, Deduct</i>	-30.83	
			<i>For &gt;100, Deduct</i>	-47.16	
10 51 26 00-0027	EA		12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	356.56	15.29
			<i>For &gt;50 To 100, Deduct</i>	-32.60	
			<i>For &gt;100, Deduct</i>	-49.81	
10 51 26 00-0028	EA		12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	374.21	15.29
			<i>For &gt;50 To 100, Deduct</i>	-34.36	
			<i>For &gt;100, Deduct</i>	-52.46	
10 51 26 00-0029	EA		15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	361.82	15.29
			<i>For &gt;50 To 100, Deduct</i>	-33.12	
			<i>For &gt;100, Deduct</i>	-50.60	
10 51 26 00-0030	EA		15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	380.46	15.29
			<i>For &gt;50 To 100, Deduct</i>	-34.99	
			<i>For &gt;100, Deduct</i>	-53.40	
10 51 26 00-0031	EA		15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	399.08	15.29
			<i>For &gt;50 To 100, Deduct</i>	-36.85	
			<i>For &gt;100, Deduct</i>	-56.19	
10 51 26 00-0032	EA		18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	380.10	15.29
			<i>For &gt;50 To 100, Deduct</i>	-34.95	
			<i>For &gt;100, Deduct</i>	-53.34	
10 51 26 00-0033	EA		18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	404.34	15.29
			<i>For &gt;50 To 100, Deduct</i>	-37.38	
			<i>For &gt;100, Deduct</i>	-56.98	
10 51 26 00-0034	EA		18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	423.91	15.29
			<i>For &gt;50 To 100, Deduct</i>	-39.33	
			<i>For &gt;100, Deduct</i>	-59.92	
<b>10 51 26 00-0035</b>			<b>Double Tier Solid Plastic Lockers</b> (10 51 26 00-0001) Note: Includes one double hook per tier.		
10 51 26 00-0036	EA		12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	304.10	15.29
			<i>For &gt;50 To 100, Deduct</i>	-27.35	
			<i>For &gt;100, Deduct</i>	-41.94	
10 51 26 00-0037	EA		12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	308.71	15.29
			<i>For &gt;50 To 100, Deduct</i>	-27.81	
			<i>For &gt;100, Deduct</i>	-42.64	
10 51 26 00-0038	EA		12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	315.62	15.29
			<i>For &gt;50 To 100, Deduct</i>	-28.50	
			<i>For &gt;100, Deduct</i>	-43.67	
10 51 26 00-0039	EA		15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	313.32	15.29
			<i>For &gt;50 To 100, Deduct</i>	-28.27	
			<i>For &gt;100, Deduct</i>	-43.33	
10 51 26 00-0040	EA		15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	325.62	15.29
			<i>For &gt;50 To 100, Deduct</i>	-29.50	
			<i>For &gt;100, Deduct</i>	-45.17	
10 51 26 00-0041	EA		15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	354.81	15.29
			<i>For &gt;50 To 100, Deduct</i>	-32.42	
			<i>For &gt;100, Deduct</i>	-49.55	
10 51 26 00-0042	EA		18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	316.40	15.29
			<i>For &gt;50 To 100, Deduct</i>	-28.58	
			<i>For &gt;100, Deduct</i>	-43.79	
10 51 26 00-0043	EA		18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	331.27	15.29
			<i>For &gt;50 To 100, Deduct</i>	-30.07	
			<i>For &gt;100, Deduct</i>	-46.02	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Lockers	10 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0044 EA 18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	357.89 -32.73 -50.01	15.29
10 51 26 00-0045 EA 12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	314.68 -28.41 -43.53	15.29
10 51 26 00-0046 EA 12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	338.74 -30.82 -47.14	15.29
10 51 26 00-0047 EA 12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	345.62 -31.50 -48.17	15.29
10 51 26 00-0048 EA 15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	342.77 -31.22 -47.74	15.29
10 51 26 00-0049 EA 15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	358.71 -32.81 -50.14	15.29
10 51 26 00-0050 EA 18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	361.83 -33.12 -50.60	15.29
10 51 26 00-0051 EA 18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	378.70 -34.81 -53.13	15.29
10 51 26 00-0052 EA 18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	395.56 -36.50 -55.66	15.29
10 51 26 00-0053 EA 12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	364.61 -33.31 -50.91	15.77
10 51 26 00-0054 EA 12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	381.47 -34.99 -53.43	15.77
10 51 26 00-0055 EA 12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	390.26 -35.87 -54.75	15.77
10 51 26 00-0056 EA 15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	386.50 -35.50 -54.19	15.77
10 51 26 00-0057 EA 15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	404.29 -37.27 -56.86	15.77
10 51 26 00-0058 EA 15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	422.07 -39.05 -59.52	15.77
10 51 26 00-0059 EA 18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	389.68 -35.81 -54.67	15.77
10 51 26 00-0060 EA 18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	427.09 -39.55 -60.28	15.77
10 51 26 00-0061 EA 18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	445.76 -41.42 -63.08	15.77
<b>10 51 26 00-0062 Triple Tier Solid Plastic Lockers</b> <small>(10 51 26 00-0001)</small> Note: Includes one double hook per tier.		
10 51 26 00-0063 EA 12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	299.30 -26.78 -41.11	15.77
10 51 26 00-0064 EA 15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	311.95 -28.04 -43.01	15.77
10 51 26 00-0065 EA 15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	323.55 -29.20 -44.75	15.77
10 51 26 00-0066 EA 12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	325.80 -29.43 -45.08	15.77
10 51 26 00-0067 EA 12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	352.84 -32.13 -49.14	15.77
10 51 26 00-0068 EA 12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	352.97 -32.14 -49.16	15.77
10 51 26 00-0069 EA 15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	367.72 -33.62 -51.37	15.77
10 51 26 00-0070 EA 15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	382.53 -35.10 -53.59	15.77
10 51 26 00-0071 EA 15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	397.34 -36.58 -55.82	15.77

**10 Specialties**

**10 50 Storage Specialties**

**10 51 Lockers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0072	EA		18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	385.43	15.77
			<i>For &gt;50 To 100, Deduct</i>	-35.39	
			<i>For &gt;100, Deduct</i>	-54.03	
10 51 26 00-0073	EA		18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	401.09	15.77
			<i>For &gt;50 To 100, Deduct</i>	-36.95	
			<i>For &gt;100, Deduct</i>	-56.38	
10 51 26 00-0074	EA		18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	416.74	15.77
			<i>For &gt;50 To 100, Deduct</i>	-38.52	
			<i>For &gt;100, Deduct</i>	-58.73	
10 51 26 00-0075	EA		12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	388.06	16.25
			<i>For &gt;50 To 100, Deduct</i>	-35.56	
			<i>For &gt;100, Deduct</i>	-54.31	
10 51 26 00-0076	EA		12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	403.73	16.25
			<i>For &gt;50 To 100, Deduct</i>	-37.12	
			<i>For &gt;100, Deduct</i>	-56.66	
10 51 26 00-0077	EA		12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	414.72	16.25
			<i>For &gt;50 To 100, Deduct</i>	-38.22	
			<i>For &gt;100, Deduct</i>	-58.31	
10 51 26 00-0078	EA		15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	408.39	16.25
			<i>For &gt;50 To 100, Deduct</i>	-37.59	
			<i>For &gt;100, Deduct</i>	-57.36	
10 51 26 00-0079	EA		15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	413.36	16.25
			<i>For &gt;50 To 100, Deduct</i>	-38.09	
			<i>For &gt;100, Deduct</i>	-58.10	
10 51 26 00-0080	EA		15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	431.25	16.25
			<i>For &gt;50 To 100, Deduct</i>	-39.88	
			<i>For &gt;100, Deduct</i>	-60.79	
10 51 26 00-0081	EA		18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	401.28	16.25
			<i>For &gt;50 To 100, Deduct</i>	-36.88	
			<i>For &gt;100, Deduct</i>	-56.29	
10 51 26 00-0082	EA		18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	437.66	16.25
			<i>For &gt;50 To 100, Deduct</i>	-40.52	
			<i>For &gt;100, Deduct</i>	-61.75	
10 51 26 00-0083	EA		18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	463.42	16.25
			<i>For &gt;50 To 100, Deduct</i>	-43.09	
			<i>For &gt;100, Deduct</i>	-65.61	
<b>10 51 26 00-0084</b>			<b>Four Tier Solid Plastic Lockers</b> <small>(10 51 26 00-0001)</small>		
10 51 26 00-0085	EA		12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	348.27	16.25
			<i>For &gt;50 To 100, Deduct</i>	-31.58	
			<i>For &gt;100, Deduct</i>	-48.34	
10 51 26 00-0086	EA		12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	358.54	16.25
			<i>For &gt;50 To 100, Deduct</i>	-32.60	
			<i>For &gt;100, Deduct</i>	-49.88	
10 51 26 00-0087	EA		12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	377.47	16.25
			<i>For &gt;50 To 100, Deduct</i>	-34.50	
			<i>For &gt;100, Deduct</i>	-52.72	
10 51 26 00-0088	EA		15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	375.16	16.25
			<i>For &gt;50 To 100, Deduct</i>	-34.27	
			<i>For &gt;100, Deduct</i>	-52.37	
10 51 26 00-0089	EA		15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	399.68	16.25
			<i>For &gt;50 To 100, Deduct</i>	-36.72	
			<i>For &gt;100, Deduct</i>	-56.05	
10 51 26 00-0090	EA		15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	407.42	16.25
			<i>For &gt;50 To 100, Deduct</i>	-37.49	
			<i>For &gt;100, Deduct</i>	-57.21	
10 51 26 00-0091	EA		18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	403.58	16.25
			<i>For &gt;50 To 100, Deduct</i>	-37.11	
			<i>For &gt;100, Deduct</i>	-56.64	
10 51 26 00-0092	EA		18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	416.64	16.25
			<i>For &gt;50 To 100, Deduct</i>	-38.41	
			<i>For &gt;100, Deduct</i>	-58.60	
10 51 26 00-0093	EA		18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	454.30	16.25
			<i>For &gt;50 To 100, Deduct</i>	-42.18	
			<i>For &gt;100, Deduct</i>	-64.25	
10 51 26 00-0094	EA		12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	401.43	16.73
			<i>For &gt;50 To 100, Deduct</i>	-36.80	
			<i>For &gt;100, Deduct</i>	-56.20	
10 51 26 00-0095	EA		12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	419.64	16.73
			<i>For &gt;50 To 100, Deduct</i>	-38.62	
			<i>For &gt;100, Deduct</i>	-58.93	
10 51 26 00-0096	EA		12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	422.01	16.73
			<i>For &gt;50 To 100, Deduct</i>	-38.86	
			<i>For &gt;100, Deduct</i>	-59.29	
10 51 26 00-0097	EA		15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	444.96	16.73
			<i>For &gt;50 To 100, Deduct</i>	-41.15	
			<i>For &gt;100, Deduct</i>	-62.73	
10 51 26 00-0098	EA		15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	423.72	16.73
			<i>For &gt;50 To 100, Deduct</i>	-39.03	
			<i>For &gt;100, Deduct</i>	-59.54	
10 51 26 00-0099	EA		15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®) .....	442.96	16.73
			<i>For &gt;50 To 100, Deduct</i>	-40.95	
			<i>For &gt;100, Deduct</i>	-62.43	





<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Storage Specialties</b>	<b>10 50</b>	
<b>Lockers</b>	<b>10 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0100	EA		18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	422.99	16.73
			<i>For &gt;50 To 100, Deduct</i>	-38.95	
			<i>For &gt;100, Deduct</i>	-59.43	
10 51 26 00-0101	EA		18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	446.04	16.73
			<i>For &gt;50 To 100, Deduct</i>	-41.26	
			<i>For &gt;100, Deduct</i>	-62.89	
10 51 26 00-0102	EA		18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	480.57	16.73
			<i>For &gt;50 To 100, Deduct</i>	-44.71	
			<i>For &gt;100, Deduct</i>	-68.07	
<b>10 51 26 00-0103 Five Tier Solid Plastic Lockers (10 51 26 00-0001)</b>					
10 51 26 00-0104	EA		12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	379.05	16.49
			<i>For &gt;50 To 100, Deduct</i>	-34.61	
			<i>For &gt;100, Deduct</i>	-52.90	
10 51 26 00-0105	EA		12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	391.76	16.49
			<i>For &gt;50 To 100, Deduct</i>	-35.88	
			<i>For &gt;100, Deduct</i>	-54.81	
10 51 26 00-0106	EA		12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	404.48	16.49
			<i>For &gt;50 To 100, Deduct</i>	-37.15	
			<i>For &gt;100, Deduct</i>	-56.71	
10 51 26 00-0107	EA		15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	396.38	16.49
			<i>For &gt;50 To 100, Deduct</i>	-36.34	
			<i>For &gt;100, Deduct</i>	-55.50	
10 51 26 00-0108	EA		15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	419.16	16.49
			<i>For &gt;50 To 100, Deduct</i>	-38.62	
			<i>For &gt;100, Deduct</i>	-58.92	
10 51 26 00-0109	EA		15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	430.18	16.49
			<i>For &gt;50 To 100, Deduct</i>	-39.72	
			<i>For &gt;100, Deduct</i>	-60.57	
10 51 26 00-0110	EA		18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	426.34	16.49
			<i>For &gt;50 To 100, Deduct</i>	-39.34	
			<i>For &gt;100, Deduct</i>	-59.99	
10 51 26 00-0111	EA		18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	438.64	16.49
			<i>For &gt;50 To 100, Deduct</i>	-40.57	
			<i>For &gt;100, Deduct</i>	-61.84	
10 51 26 00-0112	EA		18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	478.59	16.49
			<i>For &gt;50 To 100, Deduct</i>	-44.56	
			<i>For &gt;100, Deduct</i>	-67.83	
10 51 26 00-0113	EA		12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	413.78	16.97
			<i>For &gt;50 To 100, Deduct</i>	-37.98	
			<i>For &gt;100, Deduct</i>	-57.99	
10 51 26 00-0114	EA		12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	428.04	16.97
			<i>For &gt;50 To 100, Deduct</i>	-39.41	
			<i>For &gt;100, Deduct</i>	-60.13	
10 51 26 00-0115	EA		12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	442.28	16.97
			<i>For &gt;50 To 100, Deduct</i>	-40.83	
			<i>For &gt;100, Deduct</i>	-62.27	
10 51 26 00-0116	EA		15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	437.30	16.97
			<i>For &gt;50 To 100, Deduct</i>	-40.34	
			<i>For &gt;100, Deduct</i>	-61.52	
10 51 26 00-0117	EA		15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	447.32	16.97
			<i>For &gt;50 To 100, Deduct</i>	-41.34	
			<i>For &gt;100, Deduct</i>	-63.03	
10 51 26 00-0118	EA		15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	462.34	16.97
			<i>For &gt;50 To 100, Deduct</i>	-42.84	
			<i>For &gt;100, Deduct</i>	-65.28	
10 51 26 00-0119	EA		18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	450.80	16.97
			<i>For &gt;50 To 100, Deduct</i>	-41.69	
			<i>For &gt;100, Deduct</i>	-63.55	
10 51 26 00-0120	EA		18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	468.02	16.97
			<i>For &gt;50 To 100, Deduct</i>	-43.41	
			<i>For &gt;100, Deduct</i>	-66.13	
10 51 26 00-0121	EA		18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	488.00	16.97
			<i>For &gt;50 To 100, Deduct</i>	-45.41	
			<i>For &gt;100, Deduct</i>	-69.13	
<b>10 51 26 00-0122 Six Tier Solid Plastic Lockers (10 51 26 00-0001)</b>					
10 51 26 00-0123	EA		15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	437.64	16.73
			<i>For &gt;50 To 100, Deduct</i>	-40.42	
			<i>For &gt;100, Deduct</i>	-61.63	
10 51 26 00-0124	EA		12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	429.29	17.21
			<i>For &gt;50 To 100, Deduct</i>	-39.49	
			<i>For &gt;100, Deduct</i>	-60.26	
10 51 26 00-0125	EA		12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	443.53	17.21
			<i>For &gt;50 To 100, Deduct</i>	-40.91	
			<i>For &gt;100, Deduct</i>	-62.40	
10 51 26 00-0126	EA		12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	453.03	17.21
			<i>For &gt;50 To 100, Deduct</i>	-41.86	
			<i>For &gt;100, Deduct</i>	-63.83	
10 51 26 00-0127	EA		15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	472.02	17.21
			<i>For &gt;50 To 100, Deduct</i>	-43.76	
			<i>For &gt;100, Deduct</i>	-66.67	

**10 Specialties**  
**10 50 Storage Specialties**  
 10 51 Lockers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0128 EA 15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	477.56 -44.32 -67.50	17.21
10 51 26 00-0129 EA 15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	481.52 -44.71 -68.10	17.21
10 51 26 00-0130 EA 18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	483.10 -44.87 -68.34	17.21
10 51 26 00-0131 EA 18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	500.51 -46.61 -70.95	17.21
10 51 26 00-0132 EA 18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	523.46 -48.91 -74.39	17.21
<b>10 51 26 00-0133 Solid Plastic Locker Accessories (10 51 26 00-0001)</b>		
<b>10 51 26 00-0134 Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)</b> Note: Price per frame.		
10 51 26 00-0135 EA Slope Top For Solid Plastic Lockers (Tufftec Lockers®).....	20.26	
<b>10 51 26 00-0136 Recessed Bases For Solid Plastic Lockers (10 51 26 00-0133)</b> Note: Price per frame.		
10 51 26 00-0137 EA Recessed Base For Solid Plastic Lockers (Tufftec Lockers®).....	22.31	
<b>10 51 26 00-0138 End Panels For Solid Plastic Lockers (10 51 26 00-0133)</b> Note: Price per frame.		
10 51 26 00-0139 EA End Panel For Solid Plastic Lockers (Tufftec Lockers®) .....	52.11	
<b>10 51 26 00-0140 Venting Options For Solid Plastic Locker Doors (10 51 26 00-0133)</b> Note: Price per frame.		
10 51 26 00-0141 EA Horizontal Venting Option For Solid Plastic Locker Doors .....	20.55	
<b>10 51 26 00-0142 Filler Panels For Solid Plastic Lockers (10 51 26 00-0133)</b>		
10 51 26 00-0143 EA Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) ..... Note: Full locker height. Width and height cut to size in the field.	53.04	
<b>10 51 26 00-0144 Locker Accessories For Solid Plastic Lockers (10 51 26 00-0133)</b>		
10 51 26 00-0145 EA Built In Hasp For Solid Plastic Lockers ..... Note: For removable padlocks. Excludes padlock.	5.13	
10 51 26 00-0146 EA Built In Combination Lock For Solid Plastic Lockers .....	15.41	
10 51 26 00-0147 EA Built In Key Lock For Solid Plastic Lockers.....	20.55	
<b>10 51 53 Locker Room Benches (10 51)</b>		
10 51 53 00-0001 LF Hardwood Bench With Aluminum Pedestals.....	61.58	2.38
10 51 53 00-0002 LF Hardwood Bench With Painted Steel Pedestals .....	48.71	2.38
10 51 53 00-0003 LF Plastic Laminated Bench With Steel Pedestals .....	75.57	2.38
10 51 53 00-0004 LF Solid Plastic Bench With Steel Pedestals .....	72.12	2.38
10 51 53 00-0005 LF Aluminum Bench With Aluminum Pedestals .....	55.54	2.38
<b>10 55 Postal Specialties (10 50)</b>		
<b>10 55 23 Mail Boxes (10 55)</b>		
<b>10 55 23 23 Residential Mail Boxes (10 55 23)</b>		
<b>10 55 23 23-0001 Residential Mail Boxes (10 55 23 23)</b>		
10 55 23 23-0002 EA 13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate ..... <i>For Stainless Steel Sleeve, Add</i>	50.10 11.14	5.38
10 55 23 23-0003 EA 13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate..... <i>For Stainless Steel Sleeve, Add</i>	67.35 11.14	5.38
10 55 23 23-0004 EA Aluminum Or Galvanized Wall Mounted Mailbox .....	43.35	4.78
10 55 23 23-0005 EA 20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post.....	63.14	5.97
<b>10 55 23 26 Commercial Mail Boxes (10 55 23)</b>		
<b>10 55 23 26-0001 Commercial Mail Boxes (10 55 23 26)</b>		
10 55 23 26-0002 EA Surface Mounted Aluminum Letter Box With Key Lock.....	155.06	3.82
10 55 23 26-0003 EA Recessed Mounted Aluminum Letter Box With Key Lock .....	189.78	10.75
10 55 23 26-0004 EA 24" x 14" x 15" Deep, Aluminum Pedestal Mounted Group (NDCBU) Mailbox..... Note: Any door combination.	971.64	14.34



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Postal Specialties	10 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0005 EA 24" x 27" x 15" Deep, Aluminum Pedestal Mounted Group (NDCBU) Mailbox..... Note: Any door combination.	1,228.02	19.12
10 55 23 26-0006 BOX 4-1/2" x 5-1/2" x 15-1/2" Private Use Aluminum Horizontal Mailboxes, Per Box.....	39.34	7.17
10 55 23 26-0007 BOX 10-3/4" x 5-1/2" x 15-1/2" Private Use Aluminum Horizontal Mailboxes, Per Box.....	73.92	9.56
10 55 23 26-0008 BOX 6-3/8" x 5" x 17" US Postal Service Approved Aluminum Horizontal Mailboxes, Per Box .....	39.73	5.97
10 55 23 26-0009 BOX 12-7/8" x 5" x 17" US Postal Service Approved Aluminum Horizontal Mailboxes, Per Box .....	80.40	9.56
<b>10 55 26 Parcel Lockers (10 55)</b>		
<b>10 55 26 00-0001 Parcel Lockers (10 55 26)</b>		
10 55 26 00-0002 EA 24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker .....	768.57	14.34
Note: Two compartments.		
10 55 26 00-0003 EA 48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker .....	912.76	19.12
Note: Two compartments.		
<b>10 56 Storage Assemblies (10 50)</b>		
<b>10 56 13 Metal Storage Shelving (10 56)</b>		
<b>10 56 13 16 Post-And-Shelf Metal Storage Shelving (10 56 13)</b>		
<b>10 56 13 16-0001 Baked Enamel Steel Shelving (10 56 13 16)</b>		
<b>10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type (10 56 13 16-0001)</b>		
10 56 13 16-0003 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf .....	84.08	13.84
For >75" To 87" High, Add	7.19	
10 56 13 16-0004 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf .....	84.45	14.53
For >75" To 87" High, Add	7.15	
10 56 13 16-0005 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf .....	81.65	15.91
For >75" To 87" High, Add	6.76	
10 56 13 16-0006 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf .....	102.92	17.30
For >75" To 87" High, Add	8.79	
10 56 13 16-0007 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf .....	115.16	17.99
For >75" To 87" High, Add	9.91	
10 56 13 16-0008 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf .....	111.44	19.38
For >75" To 87" High, Add	9.45	
10 56 13 16-0009 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf .....	123.57	20.76
For >75" To 87" High, Add	10.56	
<b>10 56 13 16-0010 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed (10 56 13 16-0001)</b>		
Note: Adjustable shelves.		
10 56 13 16-0011 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf .....	59.69	7.06
10 56 13 16-0012 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf .....	59.18	7.54
10 56 13 16-0013 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf .....	66.37	8.03
10 56 13 16-0014 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf .....	69.06	8.51
10 56 13 16-0015 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf .....	79.39	9.06
<b>10 56 13 16-0016 4 Shelf Unit, 40" High Unit (10 56 13 16-0001)</b>		
10 56 13 16-0017 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf .....	70.35	13.84
10 56 13 16-0018 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf .....	57.94	14.53
10 56 13 16-0019 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf .....	66.28	15.91
10 56 13 16-0020 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf .....	69.88	17.30
10 56 13 16-0021 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf .....	79.59	17.99
<b>10 56 16 Fabricated Wood Storage Shelving (10 56)</b>		
<b>10 56 16 00-0001 Shelving (10 56 16)</b>		
<b>10 56 16 00-0002 Built-In Wood Shelving (10 56 16 00-0001)</b>		
Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003 SF Built-in Wood Storage Shelving Post And Trimmed Plywood .....	8.62	1.21
For Each SF Of Lumber Edge Band, Add	0.69	
For Each SF Of Prefinished Shelves, Add	2.32	
10 56 16 00-0004 SF Built-in Wood Storage Shelving Post And Solid Clear Pine .....	9.29	1.45
For Each SF Of Lumber Edge Band, Add	0.69	
For Each SF Of Prefinished Shelves, Add	2.32	
10 56 16 00-0005 SF Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod .....	9.38	2.42
For Each SF Of Lumber Edge Band, Add	0.69	
For Each SF Of Prefinished Shelves, Add	2.32	
<b>10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted (10 56 16 00-0001)</b>		
10 56 16 00-0007 LF 1" x 8" White Pine Clear Grade Wood Shelving.....	7.38	2.91
10 56 16 00-0008 LF 1" x 10" White Pine Clear Grade Wood Shelving.....	8.05	3.10
10 56 16 00-0009 LF 1" x 12" White Pine Clear Grade Wood Shelving.....	8.81	3.34
10 56 16 00-0010 SF Wood Shelving, 2" White Pine Clear Grade.....	11.17	

<b>10</b>	<b>Specialties</b>
<b>10 50</b>	<b>Storage Specialties</b>
<b>10 56</b>	<b>Storage Assemblies</b>



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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0011			<b>Plywood Shelf With Edge Band</b> (10 56 16 00-0001)		
10 56 16 00-0012	LF		3/4" Plywood Shelf, 12" Wide With Edge Band.....	8.58	2.91
10 56 16 00-0013	LF		3/4" Plywood Shelf, 24" Wide With Edge Band.....	12.78	3.64
10 56 16 00-0014			<b>Adjustable Shelf And Rod</b> (10 56 16 00-0001)		
10 56 16 00-0015	EA		12" Wide Adjustable Shelf, 3' To 6' Long Including Rod.....	66.17	10.90
10 56 16 00-0016	EA		12" Wide Adjustable Shelf, 5' To 8' Long Including Rod.....	79.18	14.53
10 56 16 00-0017			<b>Prefinished Wood Shelves With Brackets And Supports</b> (10 56 16 00-0001)		
10 56 16 00-0018	LF		Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	7.70	2.91
10 56 16 00-0019	LF		Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	8.34	3.10
10 56 16 00-0020	SF		Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	26.32	4.84
10 56 16 00-0021			<b>Wood Shelving, Oak, Clear Grade, Wall Mounted</b> (10 56 16 00-0001)		
10 56 16 00-0022	LF		Wood Shelving, 1" X 8" Oak Clear Grade.....	8.45	4.56
<b>10 56 17</b>			<b>Wall-Mounted Standards and Shelving</b> (10 56)		
10 56 17 00-0001			<b>Galvanized Steel, Wall Mounted Solid Shelving</b> (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0002	LF		8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	42.55	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0003	LF		10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	44.14	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0004	LF		12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	47.83	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0005	LF		16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	52.60	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0006	LF		18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	53.78	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0007	LF		24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	64.00	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0008			<b>304 Stainless Steel, Wall Mounted Solid Shelving</b> (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0009	LF		8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	71.52	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0010	LF		10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	78.75	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0011	LF		12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	86.02	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0012	LF		16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	102.72	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0013	LF		18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	112.61	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0014	LF		24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	126.89	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0015			<b>Laminated Particleboard, Wall Mounted Solid Shelving</b> (10 56 17)		
Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.					
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	27.51	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0017	LF		10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	28.58	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0018	LF		12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	29.89	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0019	LF		16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	31.78	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	
10 56 17 00-0020	LF		18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	34.07	4.78
			For Installation On Concrete Walls, Add	1.41	
			For Installation On Concrete Block Walls, Add	1.96	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Storage Assemblies	10 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0021 LF 24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	40.22 1.41 1.96	4.78
<b>10 56 17 00-0022 Chrome Plated Steel, Wall Mounted Wire Shelving</b> <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023 LF 14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving ..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	41.54 1.41 1.96	4.78
10 56 17 00-0024 LF 18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving ..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	47.11 1.41 1.96	4.78
<b>10 56 17 00-0025 Stainless Steel, Wall Mounted Wire Shelving</b> <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026 LF 14" Depth, Stainless Steel, Wall Mounted Wire Shelving ..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	102.04 1.41 1.96	4.78
10 56 17 00-0027 LF 18" Depth, Stainless Steel, Wall Mounted Wire Shelving ..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	106.31 1.41 1.96	4.78
<b>10 56 17 00-0028 Prefinished Hardwood Plywood, Wall Mounted Solid Shelving</b> <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029 LF 8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving ..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	27.13 1.94 2.49	4.78
10 56 17 00-0030 LF 10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	27.87 1.95 2.50	4.78
10 56 17 00-0031 LF 12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	28.35 1.97 2.52	4.78
10 56 17 00-0032 LF 16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	30.06 2.00 2.55	4.78
10 56 17 00-0033 LF 18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	30.95 2.01 2.56	4.78
10 56 17 00-0034 LF 24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving..... <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	33.56 2.05 2.60	4.78
<b>10 56 17 00-0035 Wall Mounted Shelving Accessories</b> <small>(10 56 17)</small>		
10 56 17 00-0036 LF Remove And Reinstall Single Shelf Metal Storage Shelving Unit.....	22.65	
<b>10 56 29 Storage Racks</b> <small>(10 56)</small>		
<b>10 56 29 13 Flow Storage Racks</b> <small>(10 56 29)</small>		
<b>10 56 29 13-0001 Steel Record Storage Rack</b> <small>(10 56 29 13)</small> Note: Includes 5/8" particle board decking.		
10 56 29 13-0002 SF 16" Depth Record Storage Racks..... Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particle board decking. Per SF of shelving.	8.25	0.97
10 56 29 13-0003 SF 24" Depth Record Storage Racks..... Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particle board decking. Per SF of shelving.	6.21	0.73
10 56 29 13-0004 SF 34" Depth Record Storage Racks..... Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particle board decking. Per SF of shelving.	5.31	0.58
<b>10 56 29 16 Pallet Storage Racks</b> <small>(10 56 29)</small>		
<b>10 56 29 16-0001 Dry Storage Pallet Racks</b> <small>(10 56 29 16)</small> Note: Excludes decking.		
<b>10 56 29 16-0002 18,000 LB Frame Pallet Racks</b> <small>(10 56 29 16-0001)</small>		
10 56 29 16-0003 SF Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	8.03	1.25
10 56 29 16-0004 SF Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	8.84	1.45
10 56 29 16-0005 SF Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	9.73	1.66
10 56 29 16-0006 SF Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	7.05	1.14

**10 Specialties****10 50 Storage Specialties****10 56 Storage Assemblies**

**ARLINGTON**  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 29 16-0007	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	7.75	1.31
10 56 29 16-0008	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	8.57	1.52
10 56 29 16-0009	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	6.27	1.04
10 56 29 16-0010	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	6.91	1.21
10 56 29 16-0011	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 18,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 18000# frames with adjustable height shelving levels. Per SF of shelving area.	7.62	1.38
<b>10 56 29 16-0012</b>		<b>24,000 LB Frame Pallet Racks</b> (10 56 29 16-0001)		
10 56 29 16-0013	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	8.52	1.43
10 56 29 16-0014	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	9.48	1.51
10 56 29 16-0015	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	10.44	1.91
10 56 29 16-0016	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	7.52	1.31
10 56 29 16-0017	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	8.33	1.51
10 56 29 16-0018	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	9.25	1.75
10 56 29 16-0019	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	6.70	1.20
10 56 29 16-0020	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	7.49	1.39
10 56 29 16-0021	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 24,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 24000# frames with adjustable height shelving levels. Per SF of shelving area.	8.28	1.59
<b>10 56 29 16-0022</b>		<b>32,000 LB Frame Pallet Racks</b> (10 56 29 16-0001)		
10 56 29 16-0023	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	9.06	1.64
10 56 29 16-0024	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	10.15	1.93
10 56 29 16-0025	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	11.25	2.20
10 56 29 16-0026	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	7.97	1.51
10 56 29 16-0027	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	8.90	1.73
10 56 29 16-0028	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	9.91	2.02
10 56 29 16-0029	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	7.09	1.37
10 56 29 16-0030	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	7.97	1.60
10 56 29 16-0031	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 32,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 32000# frames with adjustable height shelving levels. Per SF of shelving area.	8.83	1.83
<b>10 56 29 16-0032</b>		<b>45,000 LB Frame Pallet Racks</b> (10 56 29 16-0001)		
10 56 29 16-0033	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	9.75	1.90
10 56 29 16-0034	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	11.03	2.21



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Storage Assemblies	10 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 29 16-0035 SF Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	12.30	2.52
10 56 29 16-0036 SF Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	8.59	1.73
10 56 29 16-0037 SF Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	9.68	2.00
10 56 29 16-0038 SF Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	10.86	2.32
10 56 29 16-0039 SF Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	7.66	1.57
10 56 29 16-0040 SF Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	8.66	1.84
10 56 29 16-0041 SF Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 45,000 LB..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high 45000# frames with adjustable height shelving levels. Per SF of shelving area.	9.67	2.11
<b>10 56 29 16-0042 Pallet Rack Accessories (10 56 29 16-0001)</b>		
10 56 29 16-0043 EA 36" Cross Bar For 18,000 LB And 24,000 LB Pallet Racks .....	12.30	
10 56 29 16-0044 EA 42" Cross Bar For 18,000 LB And 24,000 LB Pallet Racks .....	13.48	
10 56 29 16-0045 EA 48" Cross Bar For 18,000 LB And 24,000 LB Pallet Racks .....	14.66	
10 56 29 16-0046 EA 3" Deep, 36" To 48" Long Pallet Support For 32,000 LB Pallet Racks .....	42.87	
10 56 29 16-0047 EA 4" Deep, 36" To 48" Long Pallet Support For 45,000 LB Pallet Racks .....	45.96	
<b>10 70 Exterior Specialties (10)</b>		
<b>10 71 Exterior Protection (10 70)</b>		
<b>10 71 13 Exterior Sun Control Devices (10 71)</b>		
<b>10 71 13 13 Exterior Shutters (10 71 13)</b>		
<b>10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished (10 71 13 13)</b>		
<b>10 71 13 13-0002 Louvered Decorative Shutters (10 71 13 13-0001)</b>		
10 71 13 13-0003 PR 15" x 25" Louvered Shutter, High Impact Resistant Plastic .....	48.44	14.54
For Colored Finish, Add	5.23	
10 71 13 13-0004 PR 15" x 31" Louvered Shutter, High Impact Resistant Plastic .....	52.55	15.25
For Colored Finish, Add	5.80	
10 71 13 13-0005 PR 15" x 36" Louvered Shutter, High Impact Resistant Plastic .....	56.66	15.98
For Colored Finish, Add	6.36	
10 71 13 13-0006 PR 15" x 39" Louvered Shutter, High Impact Resistant Plastic .....	60.41	16.71
For Colored Finish, Add	6.86	
10 71 13 13-0007 PR 15" x 43" Louvered Shutter, High Impact Resistant Plastic .....	64.66	17.44
For Colored Finish, Add	7.45	
10 71 13 13-0008 PR 15" x 48" Louvered Shutter, High Impact Resistant Plastic .....	69.10	18.16
For Colored Finish, Add	8.08	
10 71 13 13-0009 PR 15" x 52" Louvered Shutter, High Impact Resistant Plastic .....	72.11	18.89
For Colored Finish, Add	8.45	
10 71 13 13-0010 PR 15" x 55" Louvered Shutter, High Impact Resistant Plastic .....	75.46	19.62
For Colored Finish, Add	8.87	
10 71 13 13-0011 PR 15" x 60" Louvered Shutter, High Impact Resistant Plastic .....	79.95	20.35
For Colored Finish, Add	9.51	
10 71 13 13-0012 PR 15" x 64" Louvered Shutter, High Impact Resistant Plastic .....	85.99	21.06
For Colored Finish, Add	10.42	
10 71 13 13-0013 PR 15" x 67" Louvered Shutter, High Impact Resistant Plastic .....	88.83	21.79
For Colored Finish, Add	10.76	
10 71 13 13-0014 PR 15" x 72" Louvered Shutter, High Impact Resistant Plastic .....	96.40	22.52
For Colored Finish, Add	11.95	
10 71 13 13-0015 PR 15" x 75" Louvered Shutter, High Impact Resistant Plastic .....	99.22	23.25
For Colored Finish, Add	12.28	
10 71 13 13-0016 PR 15" x 80" Louvered Shutter, High Impact Resistant Plastic .....	104.49	23.98
For Colored Finish, Add	13.05	
<b>10 71 13 13-0017 Raised Panel Decorative Shutters (10 71 13 13-0001)</b>		
10 71 13 13-0018 PR 15" x 35" Raised Panel Shutter, High Impact Resistant Plastic .....	68.37	15.98
For Colored Finish, Add	8.47	
10 71 13 13-0019 PR 15" x 39" Raised Panel Shutter, High Impact Resistant Plastic .....	73.29	16.71
For Colored Finish, Add	9.18	
10 71 13 13-0020 PR 15" x 43" Raised Panel Shutter, High Impact Resistant Plastic .....	76.53	17.44
For Colored Finish, Add	9.59	
10 71 13 13-0021 PR 15" x 47" Raised Panel Shutter, High Impact Resistant Plastic .....	81.61	18.16
For Colored Finish, Add	10.33	
10 71 13 13-0022 PR 15" x 51" Raised Panel Shutter, High Impact Resistant Plastic .....	85.96	18.89
For Colored Finish, Add	10.94	

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 71</b>	<b>Exterior Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0023	PR		15" x 55" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	90.07 11.50	19.62
10 71 13 13-0024	PR		15" x 59" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	95.63 12.33	20.35
10 71 13 13-0025	PR		15" x 63" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	103.01 13.48	21.06
10 71 13 13-0026	PR		15" x 67" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	108.16 14.24	21.79
10 71 13 13-0027	PR		15" x 71" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	113.97 15.11	22.52
10 71 13 13-0028	PR		15" x 75" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	115.87 15.28	23.25
10 71 13 13-0029	PR		15" x 81" Raised Panel Shutter, High Impact Resistant Plastic ..... <i>For Colored Finish, Add</i>	120.05 15.85	23.98
<b>10 71 13 13-0030</b>			<b>Exterior Spanish Cedar Shutters</b> (10 71 13 13)		
<b>10 71 13 13-0031</b>			<b>12" Width</b> (10 71 13 13-0030)		
10 71 13 13-0032	PR		12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	318.97 150.00	14.54
10 71 13 13-0033	PR		12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	344.41 150.00	15.98
10 71 13 13-0034	PR		12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	368.88 150.00	16.71
10 71 13 13-0035	PR		12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	394.32 150.00	18.16
10 71 13 13-0036	PR		12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	418.79 150.00	18.89
10 71 13 13-0037	PR		12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	446.17 150.00	20.35
10 71 13 13-0038	PR		12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	470.65 150.00	21.06
10 71 13 13-0039	PR		12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	495.11 150.00	21.79
10 71 13 13-0040	PR		12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	520.55 150.00	23.25
<b>10 71 13 13-0041</b>			<b>14" Width</b> (10 71 13 13-0030)		
10 71 13 13-0042	PR		14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	338.56 150.00	14.54
10 71 13 13-0043	PR		14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	367.91 150.00	15.98
10 71 13 13-0044	PR		14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	396.30 150.00	16.71
10 71 13 13-0045	PR		14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	425.65 150.00	18.16
10 71 13 13-0046	PR		14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	454.04 150.00	18.89
10 71 13 13-0047	PR		14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	483.38 150.00	20.35
10 71 13 13-0048	PR		14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	511.78 150.00	21.06
10 71 13 13-0049	PR		14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	538.19 150.00	21.79
10 71 13 13-0050	PR		14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	567.55 150.00	23.25
<b>10 71 13 13-0051</b>			<b>16" Width</b> (10 71 13 13-0030)		
10 71 13 13-0052	PR		16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	360.10 150.00	14.54
10 71 13 13-0053	PR		16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	391.41 150.00	15.98
10 71 13 13-0054	PR		16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	423.71 150.00	16.71
10 71 13 13-0055	PR		16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	455.02 150.00	18.16
10 71 13 13-0056	PR		16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	487.33 150.00	18.89
10 71 13 13-0057	PR		16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	520.59 150.00	20.35
10 71 13 13-0058	PR		16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	550.94 150.00	21.06
10 71 13 13-0059	PR		16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	583.23 150.00	21.79
10 71 13 13-0060	PR		16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter ..... <i>For Arched Tops, Add</i>	616.50 150.00	23.25
<b>10 71 13 13-0061</b>			<b>18" Width</b> (10 71 13 13-0030)		





<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Exterior Protection	10 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71	13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	379.68 150.00	14.54
10 71	13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	414.91 150.00	15.98
10 71	13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	451.13 150.00	16.71
10 71	13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	486.36 150.00	18.16
10 71	13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	520.61 150.00	18.89
10 71	13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	557.79 150.00	20.35
10 71	13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	592.06 150.00	21.06
10 71	13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	628.27 150.00	21.79
10 71	13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	663.50 150.00	23.25
<b>10 71 13 13-0071 20" Width</b> <small>(10 71 13 13-0030)</small>					
10 71	13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	399.26 150.00	14.54
10 71	13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	438.41 150.00	15.98
10 71	13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	476.58 150.00	16.71
10 71	13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	517.69 150.00	18.16
10 71	13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	555.86 150.00	18.89
10 71	13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	595.00 150.00	20.35
10 71	13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	633.18 150.00	21.06
10 71	13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	671.35 150.00	21.79
10 71	13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	710.50 150.00	23.25
<b>10 71 13 13-0081 Heavy Duty Exterior True Louver Shutters, Western Red Cedar</b> <small>(10 71 13 13)</small>					
<b>10 71 13 13-0082 12" Width</b> <small>(10 71 13 13-0081)</small>					
10 71	13 13-0083	PR	12" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	189.34 150.00	14.54
10 71	13 13-0084	PR	12" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	201.63 150.00	15.25
10 71	13 13-0085	PR	12" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	219.56 150.00	15.98
10 71	13 13-0086	PR	12" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	231.84 150.00	16.71
10 71	13 13-0087	PR	12" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	249.78 150.00	17.44
10 71	13 13-0088	PR	12" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	267.72 150.00	18.16
10 71	13 13-0089	PR	12" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	280.01 150.00	18.89
10 71	13 13-0090	PR	12" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	297.95 150.00	19.62
10 71	13 13-0091	PR	12" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	315.88 150.00	20.35
10 71	13 13-0092	PR	12" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	333.83 150.00	21.06
10 71	13 13-0093	PR	12" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	346.10 150.00	21.79
10 71	13 13-0094	PR	12" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	364.04 150.00	22.52
10 71	13 13-0095	PR	12" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	376.33 150.00	23.25
<b>10 71 13 13-0096 14" Width</b> <small>(10 71 13 13-0081)</small>					
10 71	13 13-0097	PR	14" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	212.28 150.00	14.54
10 71	13 13-0098	PR	14" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	226.46 150.00	15.25
10 71	13 13-0099	PR	14" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	247.21 150.00	15.98
10 71	13 13-0100	PR	14" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	261.38 150.00	16.71
10 71	13 13-0101	PR	14" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	282.15 150.00	17.44

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 71</b>	<b>Exterior Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0102	PR		14" x 56" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	302.92 150.00	18.16
10 71 13 13-0103	PR		14" x 59" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	317.09 150.00	18.89
10 71 13 13-0104	PR		14" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	337.85 150.00	19.62
10 71 13 13-0105	PR		14" x 68" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	358.62 150.00	20.35
10 71 13 13-0106	PR		14" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	379.40 150.00	21.06
10 71 13 13-0107	PR		14" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	393.56 150.00	21.79
10 71 13 13-0108	PR		14" x 80" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	414.32 150.00	22.52
10 71 13 13-0109	PR		14" x 83" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	428.49 150.00	23.25
<b>10 71 13 13-0110</b>			<b>15" Width</b> <small>(10 71 13 13-0081)</small>		
10 71 13 13-0111	PR		15" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	223.75 150.00	14.54
10 71 13 13-0112	PR		15" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	238.87 150.00	15.25
10 71 13 13-0113	PR		15" x 44" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	261.04 150.00	15.98
10 71 13 13-0114	PR		15" x 47" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	276.15 150.00	16.71
10 71 13 13-0115	PR		15" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	298.34 150.00	17.44
10 71 13 13-0116	PR		15" x 56" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	320.52 150.00	18.16
10 71 13 13-0117	PR		15" x 59" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	335.63 150.00	18.89
10 71 13 13-0118	PR		15" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	357.81 150.00	19.62
10 71 13 13-0119	PR		15" x 68" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	379.99 150.00	20.35
10 71 13 13-0120	PR		15" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	402.18 150.00	21.06
10 71 13 13-0121	PR		15" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	417.28 150.00	21.79
10 71 13 13-0122	PR		15" x 80" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	439.47 150.00	22.52
10 71 13 13-0123	PR		15" x 83" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	454.58 150.00	23.25
<b>10 71 13 13-0124</b>			<b>16" Width</b> <small>(10 71 13 13-0081)</small>		
10 71 13 13-0125	PR		16" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	235.22 150.00	14.54
10 71 13 13-0126	PR		16" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	247.35 150.00	15.25
10 71 13 13-0127	PR		16" x 44" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	274.87 150.00	15.98
10 71 13 13-0128	PR		16" x 47" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	290.92 150.00	16.71
10 71 13 13-0129	PR		16" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	314.52 150.00	17.44
10 71 13 13-0130	PR		16" x 56" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	338.12 150.00	18.16
10 71 13 13-0131	PR		16" x 59" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	354.17 150.00	18.89
10 71 13 13-0132	PR		16" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	377.76 150.00	19.62
10 71 13 13-0133	PR		16" x 68" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	401.36 150.00	20.35
10 71 13 13-0134	PR		16" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	424.97 150.00	21.06
10 71 13 13-0135	PR		16" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	441.01 150.00	21.79
10 71 13 13-0136	PR		16" x 80" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	464.61 150.00	22.52
10 71 13 13-0137	PR		16" x 83" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	480.66 150.00	23.25
<b>10 71 13 13-0138</b>			<b>18" Width</b> <small>(10 71 13 13-0081)</small>		
10 71 13 13-0139	PR		18" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	258.16 150.00	14.54
10 71 13 13-0140	PR		18" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	276.11 150.00	15.25
10 71 13 13-0141	PR		18" x 44" Louver Shutter, Heavy Duty Red Cedar ..... <i>For Arched Tops, Add</i>	302.53 150.00	15.98



<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Exterior Protection	10 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71	13 13-0142	PR	18" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	320.47 150.00	16.71
10 71	13 13-0143	PR	18" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	346.89 150.00	17.44
10 71	13 13-0144	PR	18" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	373.32 150.00	18.16
10 71	13 13-0145	PR	18" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	391.26 150.00	18.89
10 71	13 13-0146	PR	18" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	417.67 150.00	19.62
10 71	13 13-0147	PR	18" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	444.10 150.00	20.35
10 71	13 13-0148	PR	18" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	470.53 150.00	21.06
10 71	13 13-0149	PR	18" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	488.46 150.00	21.79
10 71	13 13-0150	PR	18" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	514.89 150.00	22.52
10 71	13 13-0151	PR	18" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	532.83 150.00	23.25
<b>10 71 13 13-0152 Exterior Cypress Fixed Louver Wood Shutters (10 71 13 13)</b>					
<b>10 71 13 13-0153 6" Through 8" Width (10 71 13 13-0152)</b>					
10 71	13 13-0154	PR	6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	235.43 65.00	13.81
10 71	13 13-0155	PR	6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	264.80 65.00	14.19
10 71	13 13-0156	PR	6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	294.26 65.00	14.54
10 71	13 13-0157	PR	6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	324.16 65.00	15.25
10 71	13 13-0158	PR	6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	354.06 65.00	15.98
10 71	13 13-0159	PR	6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	383.97 65.00	16.71
10 71	13 13-0160	PR	6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	413.87 65.00	17.44
10 71	13 13-0161	PR	6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	443.78 65.00	18.16
10 71	13 13-0162	PR	6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	473.69 65.00	18.89
10 71	13 13-0163	PR	6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	503.58 65.00	19.62
10 71	13 13-0164	PR	6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	533.48 65.00	20.35
10 71	13 13-0165	PR	6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	563.40 65.00	21.06
10 71	13 13-0166	PR	6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	593.30 65.00	21.79
10 71	13 13-0167	PR	6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	623.21 65.00	22.52
<b>10 71 13 13-0168 10" Through 12" Width (10 71 13 13-0152)</b>					
10 71	13 13-0169	PR	10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	273.73 65.00	13.81
10 71	13 13-0170	PR	10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	308.24 65.00	14.19
10 71	13 13-0171	PR	10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	342.77 65.00	14.54
10 71	13 13-0172	PR	10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	377.79 65.00	15.25
10 71	13 13-0173	PR	10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	412.78 65.00	15.98
10 71	13 13-0174	PR	10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	447.80 65.00	16.71
10 71	13 13-0175	PR	10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	482.82 65.00	17.44
10 71	13 13-0176	PR	10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	517.82 65.00	18.16
10 71	13 13-0177	PR	10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	552.83 65.00	18.89
10 71	13 13-0178	PR	10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	587.84 65.00	19.62
10 71	13 13-0179	PR	10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	622.84 65.00	20.35
10 71	13 13-0180	PR	10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	657.87 65.00	21.06
10 71	13 13-0181	PR	10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	692.86 65.00	21.79
10 71	13 13-0182	PR	10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	727.88 65.00	22.52

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 71</b>	<b>Exterior Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0183			<b>14" Through 16" Width</b> (10 71 13 13-0152)		
10 71 13 13-0184	PR		14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter.....	358.83	13.81
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0185	PR		14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter .....	404.70	14.19
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0186	PR		14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter .....	450.56	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0187	PR		14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter .....	496.93	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0188	PR		14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter .....	543.28	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0189	PR		14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter .....	589.64	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0190	PR		14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter .....	636.00	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0191	PR		14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter .....	682.36	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0192	PR		14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter .....	683.33	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0193	PR		14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter .....	775.07	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0194	PR		14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter .....	821.43	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0195	PR		14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter .....	867.78	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0196	PR		14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter .....	914.13	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0197	PR		14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter .....	960.49	22.52
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0198			<b>18" Through 20" Width</b> (10 71 13 13-0152)		
10 71 13 13-0199	PR		18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter.....	401.37	13.81
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0200	PR		18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter .....	452.92	14.19
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0201	PR		18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter .....	504.46	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0202	PR		18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter .....	556.03	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0203	PR		18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter .....	608.52	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0204	PR		18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter .....	660.56	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0205	PR		18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter .....	712.59	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0206	PR		18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter .....	764.62	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0207	PR		18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter .....	816.65	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0208	PR		18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter .....	868.68	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0209	PR		18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter .....	920.71	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0210	PR		18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter .....	972.75	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0211	PR		18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter .....	1,024.77	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0212	PR		18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter .....	1,076.81	22.52
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0213			<b>22" Through 24" Width</b> (10 71 13 13-0152)		
10 71 13 13-0214	PR		22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter.....	529.03	13.81
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0215	PR		22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter .....	597.59	14.19
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0216	PR		22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter .....	666.16	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0217	PR		22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter .....	735.22	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0218	PR		22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter .....	804.26	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0219	PR		22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter .....	873.32	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0220	PR		22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter .....	942.37	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0221	PR		22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter .....	1,011.42	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0222	PR		22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter .....	1,080.48	18.89
			<i>For Arched Tops, Add</i>	65.00	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Exterior Protection	10 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0223 PR 22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,149.52 65.00	19.62
10 71 13 13-0224 PR 22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,218.57 65.00	20.35
10 71 13 13-0225 PR 22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,287.64 65.00	21.06
10 71 13 13-0226 PR 22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,356.68 65.00	21.79
10 71 13 13-0227 PR 22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,425.73 65.00	22.52
<b>10 71 13 13-0228 26" Through 28" Width</b> <small>(10 71 13 13-0152)</small>		
10 71 13 13-0229 PR 26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	605.62 65.00	13.81
10 71 13 13-0230 PR 26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	684.39 65.00	14.19
10 71 13 13-0231 PR 26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	763.18 65.00	14.54
10 71 13 13-0232 PR 26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	842.45 65.00	15.25
10 71 13 13-0233 PR 26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	921.70 65.00	15.98
10 71 13 13-0234 PR 26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,000.98 65.00	16.71
10 71 13 13-0235 PR 26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,080.24 65.00	17.44
10 71 13 13-0236 PR 26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,159.50 65.00	18.16
10 71 13 13-0237 PR 26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,238.78 65.00	18.89
10 71 13 13-0238 PR 26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,318.02 65.00	19.62
10 71 13 13-0239 PR 26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,397.28 65.00	20.35
10 71 13 13-0240 PR 26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,476.57 65.00	21.06
10 71 13 13-0241 PR 26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,555.82 65.00	21.79
10 71 13 13-0242 PR 26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter ..... <i>For Arched Tops, Add</i>	1,635.07 65.00	22.52
<b>10 71 13 13-0243 Pine Louvered Shutters</b> <small>(10 71 13 13)</small>		
<b>10 71 13 13-0244 12" Width</b> <small>(10 71 13 13-0243)</small>		
10 71 13 13-0245 PR 12" x 35" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	135.91 65.00	14.54
10 71 13 13-0246 PR 12" x 39" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	141.83 65.00	15.25
10 71 13 13-0247 PR 12" x 43" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	147.66 65.00	15.98
10 71 13 13-0248 PR 12" x 47" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	153.53 65.00	16.71
10 71 13 13-0249 PR 12" x 51" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	159.37 65.00	17.44
10 71 13 13-0250 PR 12" x 55" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	165.23 65.00	18.16
10 71 13 13-0251 PR 12" x 59" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	171.11 65.00	18.89
10 71 13 13-0252 PR 12" x 63" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	177.01 65.00	19.62
10 71 13 13-0253 PR 12" x 67" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	182.88 65.00	20.35
10 71 13 13-0254 PR 12" x 71" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	188.77 65.00	21.06
10 71 13 13-0255 PR 12" x 75" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	194.63 65.00	21.79
<b>10 71 13 13-0256 14" Width</b> <small>(10 71 13 13-0243)</small>		
10 71 13 13-0257 PR 14" x 35" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	149.99 65.00	14.54
10 71 13 13-0258 PR 14" x 39" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	156.54 65.00	15.25
10 71 13 13-0259 PR 14" x 43" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	162.98 65.00	15.98
10 71 13 13-0260 PR 14" x 47" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	169.49 65.00	16.71
10 71 13 13-0261 PR 14" x 51" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	175.94 65.00	17.44
10 71 13 13-0262 PR 14" x 55" Pine Louvered Shutter ..... <i>For Arched Tops, Add</i>	182.39 65.00	18.16

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 71</b>	<b>Exterior Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0263	PR		14" x 59" Pine Louvered Shutter.....	188.88	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0264	PR		14" x 63" Pine Louvered Shutter.....	195.37	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0265	PR		14" x 67" Pine Louvered Shutter.....	201.83	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0266	PR		14" x 71" Pine Louvered Shutter.....	208.32	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0267	PR		14" x 75" Pine Louvered Shutter.....	214.82	21.79
			<i>For Arched Tops, Add</i>	65.00	
<b>10 71 13 13-0268</b>			<b>15" Width</b> <small>(10 71 13 13-0243)</small>		
10 71 13 13-0269	PR		15" x 35" Pine Louvered Shutter.....	156.86	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0270	PR		15" x 39" Pine Louvered Shutter.....	163.66	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0271	PR		15" x 43" Pine Louvered Shutter.....	170.46	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0272	PR		15" x 47" Pine Louvered Shutter.....	177.21	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0273	PR		15" x 51" Pine Louvered Shutter.....	184.01	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0274	PR		15" x 55" Pine Louvered Shutter.....	190.79	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0275	PR		15" x 59" Pine Louvered Shutter.....	197.59	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0276	PR		15" x 63" Pine Louvered Shutter.....	204.35	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0277	PR		15" x 67" Pine Louvered Shutter.....	211.12	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0278	PR		15" x 71" Pine Louvered Shutter.....	217.90	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0279	PR		15" x 75" Pine Louvered Shutter.....	224.69	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0280	PR		15" x 81" Pine Louvered Shutter.....	234.38	22.52
			<i>For Arched Tops, Add</i>	65.00	
<b>10 71 13 13-0281</b>			<b>16" Width</b> <small>(10 71 13 13-0243)</small>		
10 71 13 13-0282	PR		16" x 35" Pine Louvered Shutter.....	163.41	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0283	PR		16" x 39" Pine Louvered Shutter.....	170.77	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0284	PR		16" x 43" Pine Louvered Shutter.....	178.17	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0285	PR		16" x 47" Pine Louvered Shutter.....	185.55	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0286	PR		16" x 51" Pine Louvered Shutter.....	192.95	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0287	PR		16" x 55" Pine Louvered Shutter.....	200.34	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0288	PR		16" x 59" Pine Louvered Shutter.....	207.69	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0289	PR		16" x 63" Pine Louvered Shutter.....	215.09	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0290	PR		16" x 67" Pine Louvered Shutter.....	222.48	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0291	PR		16" x 71" Pine Louvered Shutter.....	229.88	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0292	PR		16" x 75" Pine Louvered Shutter.....	237.26	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0293	PR		16" x 81" Pine Louvered Shutter.....	244.61	22.52
			<i>For Arched Tops, Add</i>	65.00	
<b>10 71 13 13-0294</b>			<b>18" Width</b> <small>(10 71 13 13-0243)</small>		
10 71 13 13-0295	PR		18" x 35" Pine Louvered Shutter.....	177.81	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0296	PR		18" x 39" Pine Louvered Shutter.....	187.33	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0297	PR		18" x 47" Pine Louvered Shutter.....	203.68	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0298	PR		18" x 55" Pine Louvered Shutter.....	220.07	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0299	PR		18" x 63" Pine Louvered Shutter.....	236.45	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0300	PR		18" x 75" Pine Louvered Shutter.....	271.86	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0301	PR		18" x 81" Pine Louvered Shutter.....	281.86	22.52
			<i>For Arched Tops, Add</i>	65.00	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Exterior Protection	10 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 71 13 13-0302 Exterior Cedar Board N' Batten Wood Shutters</b> <small>(10 71 13 13)</small>		
<b>10 71 13 13-0303 8" Through 14" Width</b> <small>(10 71 13 13-0302)</small>		
10 71 13 13-0304 PR 8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter .....	268.39	13.81
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0305 PR 8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	352.20	14.19
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0306 PR 8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	352.68	14.54
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0307 PR 8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	436.99	15.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0308 PR 8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	437.95	15.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0309 PR 8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	438.92	16.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0310 PR 8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	523.22	17.44
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0311 PR 8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	524.19	18.16
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0312 PR 8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	525.16	18.89
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0313 PR 8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	609.46	19.62
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0314 PR 8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	610.42	20.35
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0315 PR 8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	694.72	21.06
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0316 PR 8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	695.68	21.79
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0317 PR 8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	696.65	22.52
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0318 PR 8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	697.62	23.25
<i>For Arched Tops, Add</i>	65.00	
<b>10 71 13 13-0319 15" Through 16" Width</b> <small>(10 71 13 13-0302)</small>		
10 71 13 13-0320 PR 15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter .....	351.72	13.81
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0321 PR 15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	352.20	14.19
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0322 PR 15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	436.01	14.54
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0323 PR 15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	436.99	15.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0324 PR 15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	521.28	15.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0325 PR 15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	522.25	16.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0326 PR 15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	523.22	17.44
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0327 PR 15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	607.52	18.16
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0328 PR 15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	608.49	18.89
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0329 PR 15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	692.77	19.62
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0330 PR 15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	693.74	20.35
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0331 PR 15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	778.05	21.06
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0332 PR 15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	779.01	21.79
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0333 PR 15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	863.31	22.52
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0334 PR 15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	864.28	23.25
<i>For Arched Tops, Add</i>	65.00	
<b>10 71 13 13-0335 17" Through 18" Width</b> <small>(10 71 13 13-0302)</small>		
10 71 13 13-0336 PR 17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter .....	351.72	13.81
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0337 PR 17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	435.53	14.19
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0338 PR 17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	436.01	14.54
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0339 PR 17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	520.32	15.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0340 PR 17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	521.28	15.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0341 PR 17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	605.58	16.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0342 PR 17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	606.55	17.44
<i>For Arched Tops, Add</i>	65.00	

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 71</b>	<b>Exterior Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71	13 13-0343	PR	17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	690.84	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0344	PR	17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	691.81	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0345	PR	17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	776.10	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0346	PR	17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	777.07	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0347	PR	17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	861.38	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0348	PR	17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	862.34	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0349	PR	17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	946.64	22.52
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0350	PR	17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	947.61	23.25
			<i>For Arched Tops, Add</i>	65.00	
<b>10 71</b>	<b>13 13-0351</b>		<b>19" Through 20" Width</b> (10 71 13 13-0302)		
10 71	13 13-0352	PR	19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter .....	435.05	13.81
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0353	PR	19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	435.53	14.19
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0354	PR	19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	519.34	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0355	PR	19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	520.32	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0356	PR	19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	604.61	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0357	PR	19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	605.58	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0358	PR	19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	689.87	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0359	PR	19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	774.17	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0360	PR	19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	775.14	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0361	PR	19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	859.43	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0362	PR	19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	860.40	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0363	PR	19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	944.71	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0364	PR	19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	945.67	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0365	PR	19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	1,029.97	22.52
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0366	PR	19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	1,030.94	23.25
			<i>For Arched Tops, Add</i>	65.00	
<b>10 71</b>	<b>13 13-0367</b>		<b>21" Through 22" Width</b> (10 71 13 13-0302)		
10 71	13 13-0368	PR	21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter .....	435.05	13.81
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0369	PR	21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	435.53	14.19
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0370	PR	21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	519.34	14.54
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0371	PR	21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	603.65	15.25
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0372	PR	21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	604.61	15.98
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0373	PR	21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	688.90	16.71
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0374	PR	21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	689.87	17.44
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0375	PR	21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	774.17	18.16
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0376	PR	21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	858.47	18.89
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0377	PR	21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	859.43	19.62
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0378	PR	21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	943.73	20.35
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0379	PR	21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	944.71	21.06
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0380	PR	21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	1,029.00	21.79
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0381	PR	21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	1,029.97	22.52
			<i>For Arched Tops, Add</i>	65.00	
10 71	13 13-0382	PR	21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	1,030.94	23.25
			<i>For Arched Tops, Add</i>	65.00	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Exterior Protection	10 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>10 71 13 13-0383</b>	<b>22" Through 24" Width</b> <small>(10 71 13 13-0302)</small>		
10 71 13 13-0384	PR 22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter .....	435.05	13.81
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0385	PR 22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter .....	518.86	14.19
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0386	PR 22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter .....	519.34	14.54
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0387	PR 22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter .....	603.65	15.25
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0388	PR 22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter .....	687.93	15.98
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0389	PR 22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter .....	688.90	16.71
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0390	PR 22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter .....	773.20	17.44
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0391	PR 22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter .....	774.17	18.16
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0392	PR 22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter .....	858.47	18.89
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0393	PR 22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter .....	942.76	19.62
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0394	PR 22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter .....	943.73	20.35
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0395	PR 22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter .....	1,028.04	21.06
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0396	PR 22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter .....	1,029.00	21.79
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0397	PR 22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter .....	1,113.29	22.52
	<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0398	PR 22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter .....	1,114.26	23.25
	<i>For Arched Tops, Add</i>	65.00	

<b>10 71 13 13-0399</b>	<b>Accessories</b> <small>(10 71 13 13)</small>		
10 71 13 13-0400	PR Surface Mounted Pintel, Stainless Steel .....	50.15	
10 71 13 13-0401	PR Lag Pintel, Stainless Steel .....	50.15	
10 71 13 13-0402	PR 10" Strap Hinge, Stainless Steel .....	77.82	
10 71 13 13-0403	PR 6" L-Hinge, Stainless Steel .....	70.90	
10 71 13 13-0404	PR Hinge Set, Galvanized And Painted .....	62.97	
10 71 13 13-0405	PR Acorn Holdback .....	62.60	
10 71 13 13-0406	PR 'S' Holdback, Stainless Steel .....	51.41	
10 71 13 13-0407	PR 'S' Holdback, Galvanized And Painted .....	47.96	

**10 73 Protective Covers** (10 73)

<b>10 73 13</b>	<b>Awnings</b> <small>(10 73)</small>		
<b>10 73 13 00-0001</b>	<b>Metal Awnings</b> <small>(10 73 13)</small>		
	Note: Includes metal cover, frame supports and anchoring.		
10 73 13 00-0002	SF Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish .....	26.89	5.34
10 73 13 00-0003	SF Ribbed Aluminum Window Awning, Baked Enamel Finish .....	23.87	4.78
10 73 13 00-0004	SF Flat Roofed Steel Awning (Per SF Of Covered Area) .....	69.26	5.55
10 73 13 00-0005	SF Arched Roofed Steel Awning (Per SF Of Covered Area) .....	71.65	6.23

<b>10 73 13 00-0006</b>	<b>Canvas Awnings</b> <small>(10 73 13)</small>		
	Note: Includes minimum 12 oz. canvas, frame supports and anchoring.		
10 73 13 00-0007	SF Canvas Awning, Waterproof Fabric Tubular Metal Framing .....	22.78	3.43
10 73 13 00-0008	SF Side Protection Canvas For Walkways (Per SF Of Wall Area) .....	12.63	1.11
10 73 13 00-0009	SF Replacement Canvas For Awnings .....	13.29	
	Note: Includes removal of existing canvas cover.		
	<i>For 18 Oz. Vinyl Laminated Polyester Cover, Add</i>	0.47	

<b>10 73 16</b>	<b>Canopies</b> <small>(10 73)</small>		
<b>10 73 16 00-0001</b>	<b>Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished</b> <small>(10 73 16)</small>		
	Note: Includes cover, frame supports and anchoring.		
10 73 16 00-0002	EA 8' x 10' Canopy, Aluminum, Wall Hung .....	2,312.10	270.80
10 73 16 00-0003	EA 8' x 20' Canopy, Aluminum, Wall Hung .....	4,176.77	433.37
10 73 16 00-0004	EA 10' x 10' Canopy, Aluminum, Wall Hung .....	2,854.99	338.82
10 73 16 00-0005	EA 10' x 20' Canopy, Aluminum, Wall Hung .....	4,961.43	453.08

<b>10 73 26</b>	<b>Walkway Coverings</b> <small>(10 73)</small>		
	Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.		
<b>10 73 26 00-0001</b>	<b>Steel Walkway/Parking Covers</b> <small>(10 73 26)</small>		
	Note: Factory applied polyester finish.		

<b>10</b>	<b>Specialties</b>
<b>10 70</b>	<b>Exterior Specialties</b>
<b>10 73</b>	<b>Protective Covers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 26 00-0002	SF		Flat Roofed Steel Walkway/Parking Cover ..... Note: Includes factory applied polyester finish.	34.56	3.76
			<i>For Snow Load (30 PSF), Add</i>	10.82	
			<i>For Wind Load (140 MPH), Add</i>	13.53	
10 73 26 00-0003	SF		Arch Roofed Steel Walkway/Parking Cover ..... Note: Includes factory applied polyester finish.	36.83	4.04
			<i>For Snow Load (30 PSF), Add</i>	11.50	
			<i>For Wind Load (140 MPH), Add</i>	14.37	
<b>10 73 26 00-0004</b>			<b>Aluminum Walkway/Parking Covers</b> <small>(10 73 26)</small>		
10 73 26 00-0005	SF		Flat Roofed Aluminum Walkway/Parking Cover ..... Note: Includes factory applied polyester finish.	21.55	3.76
			<i>For Snow Load (30 PSF), Add</i>	5.62	
			<i>For Wind Load (140 MPH), Add</i>	7.02	
10 73 26 00-0006	SF		Arch Roofed Aluminum Walkway/Parking Cover ..... Note: Includes factory applied polyester finish.	23.41	4.04
			<i>For Snow Load (30 PSF), Add</i>	6.13	
			<i>For Wind Load (140 MPH), Add</i>	7.66	
<b>10 75</b>			<b>Flagpoles</b> <small>(10 75)</small>		
			Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.		
<b>10 75 16</b>			<b>Ground-Set Flagpoles</b> <small>(10 75)</small>		
<b>10 75 16 00-0001</b>			<b>Free Standing Tapered Fiberglass Flagpoles</b> <small>(10 75 16)</small>		
10 75 16 00-0002	EA		25' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 6" butt diameter, 3" top diameter and 0.180" wall.	2,415.19	413.44
			<i>For Internal Halyard, Cam System, Add</i>	300.00	
			<i>For Bronze Finish, Add</i>	20.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0003	EA		30' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	2,872.97	451.04
			<i>For Internal Halyard, Cam System, Add</i>	300.00	
			<i>For Bronze Finish, Add</i>	50.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0004	EA		35' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 7" butt diameter, 3" top diameter and 0.200" wall.	3,690.60	526.20
			<i>For Internal Halyard, Cam System, Add</i>	300.00	
			<i>For Bronze Finish, Add</i>	10.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0005	EA		40' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,300.03	601.38
			<i>For Internal Halyard, Cam System, Add</i>	300.00	
			<i>For Bronze Finish, Add</i>	50.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0006	EA		50' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	8,656.50	676.56
			<i>For Internal Halyard, Winch System, Add</i>	1,700.00	
			<i>For Bronze Finish, Add</i>	200.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0007	EA		60' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	10,380.26	751.72
			<i>For Internal Halyard, Winch System, Add</i>	1,900.00	
			<i>For Bronze Finish, Add</i>	160.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0008	EA		70' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 16" butt diameter, 7" top diameter and 0.325" wall.	18,593.97	826.90
			<i>For Internal Halyard, Winch System, Add</i>	2,860.00	
			<i>For Bronze Finish, Add</i>	700.00	
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0009	EA		78' Exposed Height, Tapered White Fiberglass Flagpole ..... Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	24,358.65	902.06
			<i>For Internal Halyard, Winch System, Add</i>	2,900.00	
			<i>For Bronze Finish, Add</i>	900.00	
			<i>For Rope Lock Box, Add</i>	96.00	
<b>10 75 16 00-0010</b>			<b>Free Standing Tapered Aluminum Flagpoles</b> <small>(10 75 16)</small>		
			Note: Heavy duty.		
10 75 16 00-0011	EA		20' Exposed Height, Tapered Satin Aluminum Flagpole ..... Note: 5" butt diameter, 3" top diameter and 0.188" wall.	1,946.36	375.86
			<i>For Internal Halyard, Winch System, Add</i>	570.00	
			<i>For Clear Anodized Finish, Add</i>	150.00	
			<i>For Bronze Anodized Finish, Add</i>	180.00	
			<i>For Black Anodized Finish, Add</i>	230.00	
			<i>For Rope Lock Box, Add</i>	96.00	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Exterior Specialties	10 70	
Flagpoles	10 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0012 EA 25' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	2,363.29  1,100.00 200.00 230.00 320.00 96.00	413.44
10 75 16 00-0013 EA 30' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	2,663.23  1,390.00 240.00 290.00 400.00 96.00	451.04
10 75 16 00-0014 EA 35' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	3,450.29  1,340.00 290.00 360.00 480.00 96.00	526.20
10 75 16 00-0015 EA 40' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	4,447.93  1,490.00 390.00 480.00 660.00 96.00	601.38
10 75 16 00-0016 EA 45' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	4,923.36  1,340.00 400.00 500.00 700.00 96.00	638.96
10 75 16 00-0017 EA 50' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 10" butt diameter, 4" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	6,334.75  1,380.00 700.00 860.00 1,130.00 96.00	676.56
10 75 16 00-0018 EA 60' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	11,263.47  1,800.00 620.00 820.00 1,160.00 96.00	751.72
10 75 16 00-0019 EA 70' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	12,658.91  1,720.00 710.00 950.00 1,360.00 96.00	826.90
10 75 16 00-0020 EA 80' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.375" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	15,622.10  2,600.00 1,100.00 1,380.00 1,840.00 96.00	902.06
<b>10 75 16 00-0021 Flagpole Bases (10 75 16)</b>		
<b>10 75 16 00-0022 Flagpole Concrete Base (10 75 16 00-0021)</b> Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.		
10 75 16 00-0023 EA 30' Or Less Flagpole, Poured Concrete Foundation .....	698.82	
10 75 16 00-0024 EA 35' Flagpole, Poured Concrete Foundation .....	723.42	
10 75 16 00-0025 EA 40' Flagpole, Poured Concrete Foundation .....	831.14	
10 75 16 00-0026 EA 45' Flagpole, Poured Concrete Foundation .....	879.59	
10 75 16 00-0027 EA 50' Flagpole, Poured Concrete Foundation .....	1,054.38	
10 75 16 00-0028 EA 60' Flagpole, Poured Concrete Foundation .....	1,276.54	
10 75 16 00-0029 EA 70' Flagpole, Poured Concrete Foundation .....	1,513.42	
10 75 16 00-0030 EA 80' Flagpole, Poured Concrete Foundation .....	1,763.71	
10 75 16 00-0031 EA 90' To 100' Flagpole, Poured Concrete Foundation.....	2,061.28	
<b>10 75 16 00-0032 Direct Embedded Flagpole Base (10 75 16 00-0021)</b> Note: Augured in place, no concrete required.		
10 75 16 00-0033 EA 20' To 25' Flagpole, Direct Embedded Pole Base.....	377.66	
10 75 16 00-0034 EA 30' To 40' Flagpole, Direct Embedded Pole Base.....	541.98	
10 75 16 00-0035 EA 45' To 55' Flagpole, Direct Embedded Pole Base.....	605.28	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 70</b>	<b>Exterior Specialties</b>
	<b>10 75</b>	<b>Flagpoles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 75 16 00-0036 EA 60' To 70' Flagpole, Direct Embedded Pole Base.....681.38

**10 75 16 00-0037 Flagpole Accessories (10 75 16)**

**10 75 16 00-0038 Flagpole Tops (10 75 16 00-0037)**

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039 EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole .....	65.22	20.33
10 75 16 00-0040 EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole .....	72.30	21.52
10 75 16 00-0041 EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole .....	80.54	22.72
10 75 16 00-0042 EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole .....	108.67	23.92
10 75 16 00-0043 EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole .....	160.20	25.11
10 75 16 00-0044 EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole .....	181.32	26.30
10 75 16 00-0045 EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	146.22	26.30
10 75 16 00-0046 EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	176.79	29.89

**10 75 16 00-0047 Flagpole Accessories (10 75 16 00-0037)**

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048 LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	0.69	0.04
10 75 16 00-0049 LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles .....	0.34	0.04
10 75 16 00-0050 LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles.....	0.26	0.04
10 75 16 00-0051 LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	0.92	0.04
10 75 16 00-0052 EA	Refinish Existing Flagpole Ball.....	176.91	59.75
10 75 16 00-0053 EA	Locking Aluminum Cleat Box For Flagpoles .....	184.04	35.85
10 75 16 00-0054 EA	Aluminum Cleat For Flagpoles.....	15.89	2.38
10 75 16 00-0055 LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles.....	0.46	0.07

**10 75 23 Wall-Mounted Flagpoles (10 75)**

**10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles (10 75 23)**

Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002 EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,209.28	329.70
	For Clear Anodized Finish, Add	60.00	
	For Bronze Anodized Finish, Add	80.00	
	For Black Anodized Finish, Add	90.00	
	For Rope Lock Box, Add	96.00	
10 75 23 00-0003 EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,310.33	362.67
	For Clear Anodized Finish, Add	70.00	
	For Bronze Anodized Finish, Add	80.00	
	For Black Anodized Finish, Add	100.00	
	For Rope Lock Box, Add	96.00	
10 75 23 00-0004 EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,399.67	395.64
	For Clear Anodized Finish, Add	70.00	
	For Bronze Anodized Finish, Add	110.00	
	For Black Anodized Finish, Add	120.00	
	For Rope Lock Box, Add	96.00	
10 75 23 00-0005 EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,625.16	461.59
	For Clear Anodized Finish, Add	70.00	
	For Bronze Anodized Finish, Add	90.00	
	For Black Anodized Finish, Add	100.00	
	For Rope Lock Box, Add	96.00	

**10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles (10 75 23)**

Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007 EA	10' (3.0 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish .....	1,927.21	296.74
	For Rope Lock Box, Add	96.00	
10 75 23 00-0008 EA	15' (4.6 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish .....	1,922.96	329.70
	For Rope Lock Box, Add	96.00	
10 75 23 00-0009 EA	20' (6.1 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish .....	2,078.25	395.64
	For Rope Lock Box, Add	96.00	

**10 80 Other Specialties (10)**

**10 81 Pest Control Devices (10 80)**

**10 81 13 Bird Control Devices (10 81)**

**10 81 13 00-0001 Stainless Steel Spiked Bird Barrier (10 81 13)**

Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002 LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System .....	6.24	0.38
10 81 13 00-0003 LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System .....	6.76	0.38
10 81 13 00-0004 LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	9.05	0.38

**10 81 13 00-0005 Polycarbonate Spiked Bird Barrier (10 81 13)**

Note: Polycarbonate spikes and base.

10 81 13 00-0006 LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	4.64	0.38
10 81 13 00-0007 LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	5.62	0.38
10 81 13 00-0008 LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	6.68	0.38



<b>Specialties</b>	<b>10</b>	<b>10</b>
Other Specialties	10 80	
Pest Control Devices	10 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 81 13 00-0009	<b>Spiked Gutter Or Girder Bird Barrier</b> <small>(10 81 13)</small>		
	Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010	LF Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application .....	5.44	0.38
10 81 13 00-0011	<b>Coil Bird Barrier</b> <small>(10 81 13)</small>		
	Note: Stainless steel coil.		
10 81 13 00-0012	LF 4" Diameter Stainless Steel Coil Bird Deterrent System .....	3.70	0.38
10 81 13 00-0013	LF 5" Diameter Stainless Steel Coil Bird Deterrent System .....	4.43	0.38
10 81 13 00-0014	<b>Spider Bird Barrier</b> <small>(10 81 13)</small>		
	Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA 2" Diameter Stainless Steel Spider Bird Deterrent System .....	61.33	0.38
10 81 13 00-0016	EA 4" Diameter Stainless Steel Spider Bird Deterrent System .....	74.54	0.38
10 81 13 00-0017	EA 8" Diameter Stainless Steel Spider Bird Deterrent System .....	87.79	0.38

**10 86 Security Mirrors And Domes** (10 86)

**10 86 10 Dome Mirrors** (10 86)

Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 10 00-0001	<b>Steel Dome Mirrors</b> <small>(10 86 10)</small>		
10 86 10 00-0002	EA 9" Diameter Full-Dome Steel Dome Mirror .....	151.52	9.57
10 86 10 00-0003	EA 12" Diameter Full-Dome Steel Dome Mirror .....	178.95	10.04
10 86 10 00-0004	EA 18" Diameter Full-Dome Steel Dome Mirror .....	207.34	11.00
10 86 10 00-0005	EA 24" Diameter Full-Dome Steel Dome Mirror .....	278.34	11.95
10 86 10 00-0006	EA 9" Diameter Half-Dome Steel Dome Mirror .....	108.29	7.17
10 86 10 00-0007	EA 12" Diameter Half-Dome Steel Dome Mirror .....	125.35	7.66
10 86 10 00-0008	EA 18" Diameter Half-Dome Steel Dome Mirror .....	146.83	8.37
10 86 10 00-0009	EA 24" Diameter Half-Dome Steel Dome Mirror .....	205.82	9.09

**10 86 10 00-0010 Plexiglas Dome Mirrors** (10 86 10)

10 86 10 00-0011	EA 18" Diameter Full-Dome Plexiglas Dome Mirror .....	115.82	11.00
10 86 10 00-0012	EA 26" Diameter Full-Dome Plexiglas Dome Mirror .....	165.52	11.95
10 86 10 00-0013	EA 32" Diameter Full-Dome Plexiglas Dome Mirror .....	219.99	13.87
10 86 10 00-0014	EA 36" Diameter Full-Dome Plexiglas Dome Mirror .....	266.02	16.74
10 86 10 00-0015	EA 48" Diameter Full-Dome Plexiglas Dome Mirror .....	388.59	23.92
10 86 10 00-0016	EA 18" Diameter Half-Dome Plexiglas Dome Mirror .....	70.04	8.37
10 86 10 00-0017	EA 26" Diameter Half-Dome Plexiglas Dome Mirror .....	95.65	9.09
10 86 10 00-0018	EA 32" Diameter Half-Dome Plexiglas Dome Mirror .....	126.84	10.52
10 86 10 00-0019	EA 36" Diameter Half-Dome Plexiglas Dome Mirror .....	156.59	12.67
10 86 10 00-0020	EA 48" Diameter Half-Dome Plexiglas Dome Mirror .....	249.99	17.94
10 86 10 00-0021	EA 18" Diameter Quarter-Dome Plexiglas Dome Mirror .....	44.28	7.17
10 86 10 00-0022	EA 26" Diameter Quarter-Dome Plexiglas Dome Mirror .....	57.58	7.89
10 86 10 00-0023	EA 32" Diameter Quarter-Dome Plexiglas Dome Mirror .....	76.53	8.85
10 86 10 00-0024	EA 36" Diameter Quarter-Dome Plexiglas Dome Mirror .....	95.64	10.52
10 86 10 00-0025	EA 48" Diameter Quarter-Dome Plexiglas Dome Mirror .....	159.98	14.95

**10 86 10 00-0026 Coated Plexiglas Dome Mirrors** (10 86 10)

10 86 10 00-0027	EA 18" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	139.42	11.00
10 86 10 00-0028	EA 26" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	218.47	11.95
10 86 10 00-0029	EA 36" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	371.93	16.74
10 86 10 00-0030	EA 48" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	573.93	23.92
10 86 10 00-0031	EA 18" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	89.84	8.37
10 86 10 00-0032	EA 26" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	135.59	9.09
10 86 10 00-0033	EA 36" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	215.30	12.67
10 86 10 00-0034	EA 48" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	358.21	17.94
10 86 10 00-0035	EA 18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	64.66	7.17
10 86 10 00-0036	EA 26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	91.88	7.89
10 86 10 00-0037	EA 32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	119.81	8.85
10 86 10 00-0038	EA 36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	154.58	10.52
10 86 10 00-0039	EA 48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	242.86	14.95

**10 86 20 Circular Convex Security Mirrors** (10 86)

Note: Includes all mounting hardware.

10 86 20 00-0001	<b>Plexiglas Circular Convex Mirrors</b> <small>(10 86 20)</small>		
	Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 20 00-0002	EA 12" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	47.53	7.66
10 86 20 00-0003	EA 18" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	62.67	8.37
10 86 20 00-0004	EA 26" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	96.91	9.09
10 86 20 00-0005	EA 30" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	121.54	10.52
10 86 20 00-0006	EA 36" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	162.34	12.67

**10 Specialties****10 80 Other Specialties****10 86 Security Mirrors And Domes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 20 00-0007	EA		48" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	289.13	17.94
10 86 20 00-0008	EA		18" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	82.13	8.37
10 86 20 00-0009	EA		26" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	119.94	9.09
10 86 20 00-0010	EA		36" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	171.55	12.67
10 86 20 00-0011	EA		48" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	316.76	17.94
<b>10 86 20 00-0012</b>			<b>Coated Plexiglas Circular Convex Mirrors <sup>(10 86 20)</sup></b>		
			Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 20 00-0013	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	100.09	8.37
10 86 20 00-0014	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	159.77	9.09
10 86 20 00-0015	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	215.59	10.52
10 86 20 00-0016	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	269.40	12.67
10 86 20 00-0017	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	391.59	17.94
10 86 20 00-0018	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	121.15	8.37
10 86 20 00-0019	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	189.70	9.09
10 86 20 00-0020	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	265.09	10.52
10 86 20 00-0021	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	299.34	12.67
10 86 20 00-0022	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	475.63	17.94

**END OF SECTION 10**



<b>Equipment</b>	<b>11</b>	
<b>Operation And Maintenance Of Equipment</b>	<b>11 01</b>	<b>11</b>
<b>Operation And Maintenance Of Vehicle And Pedestrian Equipment</b>	<b>11 01 10</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 11 Equipment

### 11 01 Operation And Maintenance Of Equipment <sup>(11)</sup>

#### 11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment <sup>(11 01)</sup>

<b>11 01 10 00-0001</b>	<b>Replacement Parking Equipment <sup>(11 01 10)</sup></b>		
11 01 10 00-0002	EA 10' Wood Arm Replacement With Bolts .....	304.68	
11 01 10 00-0003	EA 12' Wood Arm Replacement With Bolts .....	318.19	
11 01 10 00-0004	EA 14' Wood Arm Replacement With Bolts .....	333.76	
11 01 10 00-0005	EA 12' Aluminum Arm Replacement With Bolts .....	445.36	
11 01 10 00-0006	EA 14' Aluminum Arm Replacement With Bolts .....	459.92	
11 01 10 00-0007	EA 16' Aluminum Arm Replacement With Bolts .....	652.49	
11 01 10 00-0008	EA 18' Aluminum Arm Replacement With Bolts .....	661.87	
11 01 10 00-0009	EA 20' Aluminum Arm Replacement With Bolts .....	680.02	
11 01 10 00-0010	EA 22' Aluminum Arm Replacement With Bolts .....	782.28	
11 01 10 00-0011	EA 24' Aluminum Arm Replacement With Bolts .....	795.04	

### 11 10 Vehicle And Pedestrian Equipment <sup>(11)</sup>

#### 11 11 Vehicle Service Equipment <sup>(11 10)</sup>

##### 11 11 33 Vehicle-Spray Painting Equipment <sup>(11 11)</sup>

<b>11 11 33 00-0001</b>	<b>Vehicle-Spray Painting Booths <sup>(11 11 33)</sup></b>		
11 11 33 00-0002	EA 15'-8" Wide x 11'-6" High x 24'-4" Deep, Solid Back, Downflo Spray Painting Booth (AFC QDP2418CSB).....	76,969.50	1,345.74
	Note: Includes air make-up system and automated control panel.		
11 11 33 00-0003	EA 16'-4" Wide x 11'-10" High x 24'-2" Deep, Solid Back, Side Downflo Spray Painting Booth (AFC SDDP2412CSB).....	53,107.50	1,345.74
	Note: Includes air make-up system and automated control panel.		
11 11 33 00-0004	EA 8'-0" Wide x 8'-0" High x 12'-0" Deep, Standard Paint Mixing Room (AFC SMR1204).....	9,710.17	448.58
	Note: Includes air make-up system and automated control panel.		

##### 11 11 33 00-0005 Breathing Air Systems <sup>(11 11 33)</sup>

11 11 33 00-0006	Eight Supplied Air Respirator, Four Stage Filtration, Quality Air Breathing System (Martech 80-E) .....	3,292.29	33.64
	For Calibration Kit (Martech ABM 700), Add	301.05	
	For Filter Package (Martech 88890), Add	475.00	
	For Replacement Base Core Gasket (Martech 88896), Add	22.90	

#### 11 12 Parking Control Equipment <sup>(11 10)</sup>

##### 11 12 16 Parking Ticket Dispensers <sup>(11 12)</sup>

<b>11 12 16 00-0001</b>	<b>Parking Ticket Dispensers <sup>(11 12 16)</sup></b>		
11 12 16 00-0002	EA Standard Parking Ticket Dispenser With Printer .....	5,267.62	124.19
11 12 16 00-0003	EA Rate Computing Parking Ticket Dispenser With Printer .....	7,058.17	124.19

##### 11 12 23 Parking Meters <sup>(11 12)</sup>

<b>11 12 23 00-0001</b>	<b>Parking Meters <sup>(11 12 23)</sup></b>		
11 12 23 00-0002	EA Remove Parking Meter For Replacement Or Reinstall Existing Meter .....	89.03	

##### 11 12 26 Parking Fee Collection Equipment <sup>(11 12)</sup>

<b>11 12 26 00-0001</b>	<b>Parking Fee Collection Equipment <sup>(11 12 26)</sup></b>		
11 12 26 00-0002	EA Multiple Station Slot Box For Parking Fee Collection.....	1,261.42	42.09

##### 11 12 33 Parking Gates <sup>(11 12)</sup>

###### 11 12 33 13 Lift Arm Parking Gates <sup>(11 12 33)</sup>

<b>11 12 33 13-0001</b>	<b>Barrier Parking Gate Operators <sup>(11 12 33 13)</sup></b>		
<b>11 12 33 13-0002</b>	<b>Barrier Parking Gate Operators <sup>(11 12 33 13-0001)</sup></b>		
	Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA 12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080) .....	2,558.15	172.14
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0004	EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	2,549.15	172.14
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0005	EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080) .....	2,663.15	172.14
	For 230/460 Volt AC, Add	322.50	
11 12 33 13-0006	EA 20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080) .....	3,788.84	172.14
	For 230/460 Volt AC, Add	322.50	

<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle And Pedestrian Equipment</b>
	<b>11 12 Parking Control Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0007	EA		14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	4,445.48	172.14
11 12 33 13-0008	EA		14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	4,625.48	172.14
<b>11 12 33 13-0009</b>			<b>Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes</b> <small>(11 12 33 13-0009)</small> Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA		14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) .....	7,806.08	344.30
11 12 33 13-0011	EA		14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) .....	9,134.95	344.30
11 12 33 13-0012	EA		14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) .....	7,873.58	344.30
11 12 33 13-0013	EA		14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080) .....	9,202.45	344.30
<b>11 12 33 13-0014</b>			<b>Barrier Parking Gate Operator Accessories</b> <small>(11 12 33 13-0001)</small>		
11 12 33 13-0015	EA		12' Plastic Replacement Arm For Barrier Parking Gate Operators .....	94.46	9.73
11 12 33 13-0016	EA		14' Wood Replacement Arm For Barrier Parking Gate Operators .....	85.46	9.73
11 12 33 13-0017	EA		14' Aluminum Replacement Arm For Barrier Parking Gate Operators.....	199.46	9.73
11 12 33 13-0018	EA		20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators .....	300.71	9.73
11 12 33 13-0019	EA		Folding Wood Replacement Arm For Barrier Parking Gate Operators .....	274.46	9.73
11 12 33 13-0020	EA		Folding Plastic Replacement Arm For Barrier Parking Gate Operators .....	274.46	9.73
11 12 33 13-0021	EA		Folding Aluminum Replacement Arm For Barrier Parking Gate Operators.....	334.46	9.73
11 12 33 13-0022	EA		Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092) .....	285.52	58.39
11 12 33 13-0023	EA		Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093).....	285.52	58.39
11 12 33 13-0024	EA		Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010) .....	285.86	
11 12 33 13-0025	EA		Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B) .....	812.35	
11 12 33 13-0026	EA		36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) .....	547.40	9.73
			Note: Includes mounting plate and hardware. Excludes concrete foundation.		
<b>11 12 36</b>			<b>Tire Shredders</b> <small>(11 12)</small>		
11 12 36 00-0001			Tire Shredding Traffic Control Spikes <small>(11 12 36)</small>		
11 12 36 00-0002			Flush Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0003	EA		6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081) .....	1,168.20	155.70
11 12 36 00-0004			Surface Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0005	EA		3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088).....	2,102.85	77.85
11 12 36 00-0006	EA		3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087) .....	1,502.85	77.85
11 12 36 00-0007			Warning Signs And Signals For Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0008	EA		Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615).....	935.89	29.19
			Note: Includes light and mounting post.		
11 12 36 00-0009	EA		Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603).....	760.35	38.93
			Note: Includes mounting post and hardware.		
<b>11 13 Loading Dock Equipment</b> <small>(11 10)</small>					
<b>11 13 13 Loading Dock Bumpers</b> <small>(11 13)</small>					
11 13 13 00-0001			Laminated Rubber Dock Bumpers <small>(11 13 13)</small>		
11 13 13 00-0002			4-1/2" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0003	EA		14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	88.04	9.56
11 13 13 00-0004	EA		24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	115.54	9.56
11 13 13 00-0005	EA		36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	154.33	9.56
11 13 13 00-0006	EA		12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	99.76	9.56
11 13 13 00-0007	EA		14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	109.48	9.56
11 13 13 00-0008	EA		18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	126.85	9.56
11 13 13 00-0009	EA		24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	154.33	9.56
11 13 13 00-0010	EA		36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	216.40	9.56
11 13 13 00-0011	EA		12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	115.28	9.56
11 13 13 00-0012	EA		12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	126.85	9.56
11 13 13 00-0013	EA		12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	159.86	9.56
11 13 13 00-0014	EA		12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	183.26	9.56
11 13 13 00-0015	EA		12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	259.27	9.56
11 13 13 00-0016	EA		11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	146.18	9.56
11 13 13 00-0017	EA		11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	173.40	9.56
11 13 13 00-0018	EA		11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper .....	231.39	9.56





<b>Equipment</b>	<b>11</b>	
<b>Vehicle And Pedestrian Equipment</b>	<b>11 10</b>	11
<b>Loading Dock Equipment</b>	<b>11 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 13 13 00-0019</b> 6" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0020 EA 12" x 10", 6" Projection, Laminated Rubber Dock Bumper .....	130.29	9.56
11 13 13 00-0021 EA 14" x 10", 6" Projection, Laminated Rubber Dock Bumper .....	139.89	9.56
11 13 13 00-0022 EA 18" x 10", 6" Projection, Laminated Rubber Dock Bumper .....	163.04	9.56
11 13 13 00-0023 EA 24" x 10", 6" Projection, Laminated Rubber Dock Bumper .....	198.28	9.56
11 13 13 00-0024 EA 36" x 10", 6" Projection, Laminated Rubber Dock Bumper .....	276.26	9.56
11 13 13 00-0025 EA 12" x 12", 6" Projection, Laminated Rubber Dock Bumper .....	151.60	9.56
11 13 13 00-0026 EA 14" x 12", 6" Projection, Laminated Rubber Dock Bumper .....	159.49	9.56
11 13 13 00-0027 EA 18" x 12", 6" Projection, Laminated Rubber Dock Bumper .....	190.79	9.56
11 13 13 00-0028 EA 24" x 12", 6" Projection, Laminated Rubber Dock Bumper .....	237.47	9.56
11 13 13 00-0029 EA 36" x 12", 6" Projection, Laminated Rubber Dock Bumper .....	368.19	9.56
11 13 13 00-0030 EA 11" x 20", 6" Projection, Laminated Rubber Dock Bumper .....	198.41	9.56
11 13 13 00-0031 EA 11" x 24", 6" Projection, Laminated Rubber Dock Bumper .....	229.71	9.56
11 13 13 00-0032 EA 11" x 36", 6" Projection, Laminated Rubber Dock Bumper .....	233.88	9.56
<b>11 13 13 00-0033</b> Extruded Rubber Dock Bumpers <small>(11 13 13)</small>		
<b>11 13 13 00-0034</b> 1-3/4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0035 EA 12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper .....	39.66	9.56
11 13 13 00-0036 EA 18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper .....	43.53	9.56
11 13 13 00-0037 EA 24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper .....	48.68	9.56
11 13 13 00-0038 EA 36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper .....	53.84	9.56
<b>11 13 13 00-0039</b> 4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0040 EA 12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper .....	59.87	9.56
11 13 13 00-0041 EA 18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper .....	76.13	9.56
11 13 13 00-0042 EA 24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper .....	80.81	9.56
11 13 13 00-0043 EA 36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper .....	91.47	9.56
<b>11 13 13 00-0044</b> 6" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0045 EA 12" x 6", 6" Projection, Extruded Rubber Dock Bumper .....	75.88	9.56
11 13 13 00-0046 EA 18" x 6", 6" Projection, Extruded Rubber Dock Bumper .....	97.79	9.56
11 13 13 00-0047 EA 24" x 6", 6" Projection, Extruded Rubber Dock Bumper .....	115.83	9.56
11 13 13 00-0048 EA 36" x 6", 6" Projection, Extruded Rubber Dock Bumper .....	150.26	9.56
<b>11 13 13 00-0049</b> Molded Rubber Dock Bumpers <small>(11 13 13)</small>		
<b>11 13 13 00-0050</b> Rectangular Molded Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>		
11 13 13 00-0051 EA 18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper .....	62.02	9.56
11 13 13 00-0052 EA 10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper .....	52.06	9.56
11 13 13 00-0053 EA 20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper .....	74.77	9.56
11 13 13 00-0054 EA 30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper .....	97.68	9.56
11 13 13 00-0055 EA 24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper .....	103.08	9.56
11 13 13 00-0056 EA 13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	72.17	9.56
11 13 13 00-0057 EA 18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	98.59	9.56
11 13 13 00-0058 EA 30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	152.98	9.56
11 13 13 00-0059 EA 13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	80.07	9.56
11 13 13 00-0060 EA 24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	128.39	9.56
11 13 13 00-0061 EA 18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper .....	127.91	9.56
11 13 13 00-0062 EA 24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper .....	201.74	9.56
<b>11 13 13 00-0063</b> T And L Shaped Rubber Dock Bumpers <small>(11 13 13 00-0049)</small>		
11 13 13 00-0064 EA 22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper .....	120.47	9.56
11 13 13 00-0065 EA 18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper .....	111.40	9.56
<b>11 13 16</b> Loading Dock Seals And Shelters <small>(11 13)</small>		
<b>11 13 16 13</b> Loading Dock Seals <small>(11 13 16)</small>		
<b>11 13 16 13-0001</b> Vinyl Loading Dock Seals <small>(11 13 16 13)</small>		
<b>11 13 16 13-0002</b> Standard Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>		
11 13 16 13-0003 LF 10" Projection, Standard, Vinyl Loading Dock Seal .....	59.86	9.56
11 13 16 13-0004 LF 11" Projection, Standard, Vinyl Loading Dock Seal .....	60.85	9.56
11 13 16 13-0005 LF 12" Projection, Standard, Vinyl Loading Dock Seal .....	61.83	9.56
11 13 16 13-0006 LF 13" Projection, Standard, Vinyl Loading Dock Seal .....	63.80	9.56
11 13 16 13-0007 LF 14" Projection, Standard, Vinyl Loading Dock Seal .....	65.78	9.56
11 13 16 13-0008 LF 15" Projection, Standard, Vinyl Loading Dock Seal .....	67.78	9.56
11 13 16 13-0009 LF 16" Projection, Standard, Vinyl Loading Dock Seal .....	69.78	9.56
11 13 16 13-0010 LF 17" Projection, Standard, Vinyl Loading Dock Seal .....	71.83	9.56
11 13 16 13-0011 LF 18" Projection, Standard, Vinyl Loading Dock Seal .....	73.89	9.56
11 13 16 13-0012 LF 19" Projection, Standard, Vinyl Loading Dock Seal .....	75.86	9.56
11 13 16 13-0013 LF 20" Projection, Standard, Vinyl Loading Dock Seal .....	77.83	9.56
11 13 16 13-0014 LF 22" Projection, Standard, Vinyl Loading Dock Seal .....	81.83	9.56

11	<b>11 Equipment</b>
	<b>11 10 Vehicle And Pedestrian Equipment</b>
	<b>11 13 Loading Dock Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>11 13 16 13-0015</b>	<b>8" Exposure Wear Pleats, Vinyl Loading Dock Seals</b> <small>(11 13 16 13-0001)</small>		
11 13 16 13-0016	LF 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	71.58	9.56
11 13 16 13-0017	LF 11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	72.57	9.56
11 13 16 13-0018	LF 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	73.56	9.56
11 13 16 13-0019	LF 13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	75.56	9.56
11 13 16 13-0020	LF 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	77.56	9.56
11 13 16 13-0021	LF 15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	79.53	9.56
11 13 16 13-0022	LF 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	81.50	9.56
11 13 16 13-0023	LF 17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	83.50	9.56
11 13 16 13-0024	LF 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	85.50	9.56
11 13 16 13-0025	LF 19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	87.47	9.56
11 13 16 13-0026	LF 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	89.50	9.56
11 13 16 13-0027	LF 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.45	9.56

<b>11 13 16 13-0028</b>	<b>4" Exposure Wear Pleats, Vinyl Loading Dock Seals</b> <small>(11 13 16 13-0001)</small>		
11 13 16 13-0029	LF 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	77.83	9.56
11 13 16 13-0030	LF 11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	78.84	9.56
11 13 16 13-0031	LF 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	79.86	9.56
11 13 16 13-0032	LF 13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	81.83	9.56
11 13 16 13-0033	LF 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	83.80	9.56
11 13 16 13-0034	LF 15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	85.80	9.56
11 13 16 13-0035	LF 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	87.80	9.56
11 13 16 13-0036	LF 17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	89.78	9.56
11 13 16 13-0037	LF 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.75	9.56
11 13 16 13-0038	LF 19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.75	9.56
11 13 16 13-0039	LF 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	95.75	9.56
11 13 16 13-0040	LF 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	99.80	9.56

<b>11 13 16 13-0041</b>	<b>Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13)</small>		
<b>11 13 16 13-0042</b>	<b>Standard, Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13-0041)</small>		
11 13 16 13-0043	LF 10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	54.64	9.56
11 13 16 13-0044	LF 12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	56.19	9.56
11 13 16 13-0045	LF 14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	59.62	9.56
11 13 16 13-0046	LF 16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	63.00	9.56
11 13 16 13-0047	LF 18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	66.47	9.56
11 13 16 13-0048	LF 20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	69.85	9.56
11 13 16 13-0049	LF 22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	73.28	9.56

<b>11 13 16 13-0050</b>	<b>8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13-0041)</small>		
11 13 16 13-0051	LF 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	65.72	9.56
11 13 16 13-0052	LF 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	67.32	9.56
11 13 16 13-0053	LF 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	70.75	9.56
11 13 16 13-0054	LF 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	74.18	9.56
11 13 16 13-0055	LF 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	77.56	9.56
11 13 16 13-0056	LF 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	80.99	9.56
11 13 16 13-0057	LF 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	84.37	9.56

<b>11 13 16 13-0058</b>	<b>4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13-0041)</small>		
11 13 16 13-0059	LF 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	71.73	9.56
11 13 16 13-0060	LF 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	73.28	9.56
11 13 16 13-0061	LF 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	76.76	9.56
11 13 16 13-0062	LF 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	80.14	9.56
11 13 16 13-0063	LF 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	83.57	9.56
11 13 16 13-0064	LF 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	86.95	9.56
11 13 16 13-0065	LF 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	90.43	9.56

**11 13 16 23 Loading Dock Shelters** (11 13 16)

<b>11 13 16 23-0001</b>	<b>Retractable Vinyl Loading Dock Shelter, For Truck Or Train, Scissor Arms</b> <small>(11 13 16 23)</small>		
11 13 16 23-0002	LF Retractable Vinyl Dock Shelters	97.67	11.94

<b>11 13 16 23-0003</b>	<b>Rigid Loading Dock Shelters</b> <small>(11 13 16 23)</small>		
11 13 16 23-0004	LF 18" Projection, Rigid Loading Dock Shelter	69.05	11.47
11 13 16 23-0005	LF 24" Projection, Rigid Loading Dock Shelter	72.69	11.47
11 13 16 23-0006	LF 30" Projection, Rigid Loading Dock Shelter	75.45	11.94
11 13 16 23-0007	LF 36" Projection, Rigid Loading Dock Shelter	77.96	11.94

**11 13 19 Stationary Loading Dock Equipment** (11 13)  
 Note: Includes all anchor bolts and fasteners.



<b>Equipment</b>	<b>11</b>	
Vehicle And Pedestrian Equipment	11 10	11
Loading Dock Equipment	11 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 13 19 13 Loading Dock Levelers</b> <small>(11 13 19)</small>		
<b>11 13 19 13-0001 Hydraulic Dock Levelers</b> <small>(11 13 19 13)</small>		
<b>11 13 19 13-0002 20,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0003 EA 6' x 6', 20,000 LB Hydraulic Dock Leveler.....	6,625.69	403.72
11 13 19 13-0004 EA 6' x 8', 20,000 LB Hydraulic Dock Leveler.....	7,067.07	448.58
11 13 19 13-0005 EA 6' x 10', 20,000 LB Hydraulic Dock Leveler.....	8,718.32	538.30
11 13 19 13-0006 EA 7' x 6', 20,000 LB Hydraulic Dock Leveler.....	7,051.48	448.58
11 13 19 13-0007 EA 7' x 8', 20,000 LB Hydraulic Dock Leveler.....	7,676.84	493.44
11 13 19 13-0008 EA 7' x 10', 20,000 LB Hydraulic Dock Leveler.....	9,213.96	538.30
<b>11 13 19 13-0009 25,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0010 EA 6' x 6', 25,000 LB Hydraulic Dock Leveler.....	6,777.68	403.72
11 13 19 13-0011 EA 6' x 8', 25,000 LB Hydraulic Dock Leveler.....	7,226.66	448.58
11 13 19 13-0012 EA 6' x 10', 25,000 LB Hydraulic Dock Leveler.....	8,867.91	538.30
11 13 19 13-0013 EA 7' x 6', 25,000 LB Hydraulic Dock Leveler.....	7,202.44	448.58
11 13 19 13-0014 EA 7' x 8', 25,000 LB Hydraulic Dock Leveler.....	7,817.89	493.44
11 13 19 13-0015 EA 7' x 10', 25,000 LB Hydraulic Dock Leveler.....	9,506.62	538.30
<b>11 13 19 13-0016 30,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0017 EA 6' x 6', 30,000 LB Hydraulic Dock Leveler.....	7,069.12	471.01
11 13 19 13-0018 EA 6' x 8', 30,000 LB Hydraulic Dock Leveler.....	7,510.50	538.30
11 13 19 13-0019 EA 6' x 10', 30,000 LB Hydraulic Dock Leveler.....	9,186.27	628.01
11 13 19 13-0020 EA 7' x 6', 30,000 LB Hydraulic Dock Leveler.....	7,510.50	538.30
11 13 19 13-0021 EA 7' x 8', 30,000 LB Hydraulic Dock Leveler.....	8,116.49	605.58
11 13 19 13-0022 EA 7' x 10', 30,000 LB Hydraulic Dock Leveler.....	9,792.25	605.58
<b>11 13 19 13-0023 35,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0024 EA 6' x 6', 35,000 LB Hydraulic Dock Leveler.....	7,321.64	448.58
11 13 19 13-0025 EA 6' x 8', 35,000 LB Hydraulic Dock Leveler.....	7,763.68	493.44
11 13 19 13-0026 EA 6' x 10', 35,000 LB Hydraulic Dock Leveler.....	9,827.34	583.16
11 13 19 13-0027 EA 7' x 6', 35,000 LB Hydraulic Dock Leveler.....	7,763.68	493.44
11 13 19 13-0028 EA 7' x 8', 35,000 LB Hydraulic Dock Leveler.....	8,421.03	538.30
11 13 19 13-0029 EA 7' x 10', 35,000 LB Hydraulic Dock Leveler.....	10,116.53	628.01
<b>11 13 19 13-0030 40,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0031 EA 6' x 6', 40,000 LB Hydraulic Dock Leveler.....	7,807.43	448.58
11 13 19 13-0032 EA 6' x 8', 40,000 LB Hydraulic Dock Leveler.....	8,249.14	493.44
11 13 19 13-0033 EA 6' x 10', 40,000 LB Hydraulic Dock Leveler.....	9,938.72	583.16
11 13 19 13-0034 EA 7' x 6', 40,000 LB Hydraulic Dock Leveler.....	8,929.14	493.44
11 13 19 13-0035 EA 7' x 8', 40,000 LB Hydraulic Dock Leveler.....	8,906.90	538.30
11 13 19 13-0036 EA 7' x 10', 40,000 LB Hydraulic Dock Leveler.....	10,602.25	628.01
<b>11 13 19 13-0037 45,000 LB Hydraulic Dock Levelers</b> <small>(11 13 19 13-0001)</small>		
11 13 19 13-0038 EA 6' x 6', 45,000 LB Hydraulic Dock Leveler.....	8,174.43	493.44
11 13 19 13-0039 EA 6' x 8', 45,000 LB Hydraulic Dock Leveler.....	8,620.29	538.30
11 13 19 13-0040 EA 6' x 10', 45,000 LB Hydraulic Dock Leveler.....	10,305.03	628.01
11 13 19 13-0041 EA 7' x 6', 45,000 LB Hydraulic Dock Leveler.....	8,620.96	538.30
11 13 19 13-0042 EA 7' x 8', 45,000 LB Hydraulic Dock Leveler.....	9,275.61	583.16
11 13 19 13-0043 EA 7' x 10', 45,000 LB Hydraulic Dock Leveler.....	10,964.84	672.87
<b>11 13 19 13-0044 Manual Dock Levelers</b> <small>(11 13 19 13)</small>		
<b>11 13 19 13-0045 20,000 LB Manual Dock Levelers</b> <small>(11 13 19 13-0044)</small>		
11 13 19 13-0046 EA 6' x 6', 20,000 LB Manual Dock Leveler.....	5,043.69	403.72
11 13 19 13-0047 EA 6' x 8', 20,000 LB Manual Dock Leveler.....	5,495.06	448.58
11 13 19 13-0048 EA 6' x 10', 20,000 LB Manual Dock Leveler.....	7,136.32	538.30
11 13 19 13-0049 EA 7' x 6', 20,000 LB Manual Dock Leveler.....	5,470.90	448.58
11 13 19 13-0050 EA 7' x 8', 20,000 LB Manual Dock Leveler.....	6,094.84	493.44
11 13 19 13-0051 EA 7' x 10', 20,000 LB Manual Dock Leveler.....	7,793.30	538.30
<b>11 13 19 13-0052 40,000 LB Manual Dock Levelers</b> <small>(11 13 19 13-0044)</small>		
11 13 19 13-0053 EA 6' x 6', 40,000 LB Manual Dock Leveler.....	6,365.35	448.58
11 13 19 13-0054 EA 6' x 8', 40,000 LB Manual Dock Leveler.....	6,807.06	493.44
11 13 19 13-0055 EA 6' x 10', 40,000 LB Manual Dock Leveler.....	7,271.59	583.16
11 13 19 13-0056 EA 7' x 6', 40,000 LB Manual Dock Leveler.....	6,807.06	493.44
11 13 19 13-0057 EA 7' x 8', 40,000 LB Manual Dock Leveler.....	7,791.79	538.30
11 13 19 13-0058 EA 7' x 10', 40,000 LB Manual Dock Leveler.....	9,160.17	628.01
<b>11 13 19 13-0059 Edge-Of-Dock Levelers</b> <small>(11 13 19 13)</small>		
Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		

<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle And Pedestrian Equipment</b>
	<b>11 13 Loading Dock Equipment</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
<b>11 13 19 13-0060</b>		<b>Hydraulic Edge-Of-Dock Levelers</b> <small>(11 13 19 13-0059)</small>		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,048.88	134.57
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,310.85	134.57
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,272.94	134.57
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,632.58	134.57
<b>11 13 19 13-0065</b>		<b>Manual Edge-Of-Dock Levelers</b> <small>(11 13 19 13-0059)</small>		
11 13 19 13-0066	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,445.97	134.57
11 13 19 13-0067	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,537.37	134.57
11 13 19 13-0068	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,585.63	134.57
11 13 19 13-0069	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,703.99	134.57
<b>11 13 19 23</b>		<b>Stationary Loading Dock Lifts</b> <small>(11 13 19)</small>		
<b>11 13 19 23-0001</b>		<b>Top Of Ground, Fixed Platform Lifts</b> <small>(11 13 19 23)</small>		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift.....	13,486.47	96.87
<b>11 13 19 23-0003</b>		<b>Pit Mounted, Fixed Platform Lifts</b> <small>(11 13 19 23)</small>		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted.....	9,066.54	96.87
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted.....	16,704.68	145.30
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted.....	29,440.32	290.61
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted.....	30,711.34	387.48
<b>11 13 19 26</b>		<b>Loading Dock Truck Lifts</b> <small>(11 13 19)</small>		
<b>11 13 19 26-0001</b>		<b>Hydraulic Truck Lifts</b> <small>(11 13 19 26)</small>		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift.....	26,473.59	785.67
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift.....	30,207.00	942.80
<b>11 13 19 33</b>		<b>Loading Dock Truck Restraints</b> <small>(11 13 19)</small>		
<b>11 13 19 33-0001</b>		<b>Truck Restraint System</b> <small>(11 13 19 33)</small>		
11 13 19 33-0002	EA	Truck Restraint System (Poweramp Powerstop AAL)..... Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	6,196.30	168.22
11 13 19 33-0003	EA	Rotating Hook Truck Restraint System (Kelley Star 4)..... Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	4,227.73	168.22
<b>11 13 23</b>		<b>Portable Dock Equipment</b> <small>(11 13)</small>		
<b>11 13 23 23</b>		<b>Portable Dock Platforms</b> <small>(11 13 23)</small>		
11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift.....	13,635.45	48.65
<b>11 13 26</b>		<b>Loading Dock Lights</b> <small>(11 13)</small>		
<b>11 13 26 00-0001</b>		<b>Communication Lights</b> <small>(11 13 26)</small>		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC..... Note: Excludes control console.	205.72	51.74
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC.....	254.91	51.74
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing.....	113.97	41.39
<b>11 13 26 00-0005</b>		<b>Communication Lights Controls</b> <small>(11 13 26)</small>		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks.....	222.34	68.99
<b>11 13 26 00-0007</b>		<b>Loading Dock Lights</b> <small>(11 13 26)</small>		
<b>11 13 26 00-0008</b>		<b>Incandescent Loading Dock Lights</b> <small>(11 13 26 00-0007)</small>		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	317.22	68.99
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	276.16	68.99
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	379.73	68.99
<b>11 13 26 00-0012</b>		<b>Metal Halide Loading Dock Lights</b> <small>(11 13 26 00-0007)</small>		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	459.12	68.99
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	507.78	68.99
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	546.69	68.99
<b>11 13 26 00-0016</b>		<b>Quartz Halogen Loading Dock Lights</b> <small>(11 13 26 00-0007)</small>		



<b>Equipment</b>	<b>11</b>	
Vehicle And Pedestrian Equipment	11 10	11
Loading Dock Equipment	11 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 26 00-0017 EA 24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen .....	270.69	68.99
11 13 26 00-0018 EA 40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	301.47	68.99
11 13 26 00-0019 EA 60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	327.75	68.99

11 20 Commercial Equipment <sup>(11)</sup>

11 21 Retail and Service Equipment <sup>(11 20)</sup>

**11 21 63 Refrigerated Display Equipment <sup>(11 21)</sup>**

11 21 63 00-0001 Dairy Products <sup>(11 21 63)</sup>

11 21 63 00-0002 Refrigerated Dairy Case <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0003 LF Refrigerated Case, Dairy, Multi-Deck .....	1,042.98	209.15
For Rear Sliding Doors, Add	19.95	

11 21 63 00-0004 Refrigerated Milk Unit <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0005 EA 46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit.....	4,797.04	146.83
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11 21 63 00-0006 Refrigerated Ice Cream And Milk Dispenser <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0007 EA 63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser .....	5,318.44	161.25
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11 21 63 00-0008 Ice Cream Dispenser <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0009 EA 46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser.....	4,442.19	135.77
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11 21 63 00-0010 Drop-In Ice Cream Freezer <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0011 EA 27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer .....	1,107.81	33.80
11 21 63 00-0012 EA 30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer .....	1,447.61	44.18

11 21 63 00-0013 Ice Cream Cabinets <sup>(11 21 63 00-0001)</sup>

11 21 63 00-0014 EA 46" x 32" x 42", 24 Gallon Ice Cream Cabinet .....	3,469.63	105.60
11 21 63 00-0015 EA 68" x 32" x 42", 48 Gallon Ice Cream Cabinet .....	4,942.87	152.39

11 21 63 00-0016 Delicatessen Case, Service Deli <sup>(11 21 63)</sup>

11 21 63 00-0017 LF Delicatessen Case, Single-Deck.....	1,023.77	174.29
11 21 63 00-0018 LF Delicatessen Case, Multi-Deck.....	1,152.54	209.15
11 21 63 00-0019 EA Delicatessen Case, 3 Shelf, 32" x 23" x 23" .....	1,261.23	33.69

11 21 63 00-0020 Meat Case <sup>(11 21 63)</sup>

11 21 63 00-0021 LF Meat Case, Single - Deck.....	773.91	209.15
11 21 63 00-0022 LF Meat Case, Multi - Deck .....	837.61	209.15

11 21 63 00-0023 Produce Case <sup>(11 21 63)</sup>

11 21 63 00-0024 LF Produce Case, Single - Deck.....	804.29	209.15
11 21 63 00-0025 LF Produce Case, Multi - Deck.....	886.08	209.15

11 21 63 00-0026 Bottle Coolers <sup>(11 21 63)</sup>

11 21 63 00-0027 EA Bottle Cooler, 6' Long .....	2,968.92	697.19
11 21 63 00-0028 EA Bottle Cooler, 10' Long .....	4,505.00	1,045.77

11 21 63 00-0029 Cold Pan Units <sup>(11 21 63)</sup>

11 21 63 00-0030 EA 5" x 48", Iced, Cold Pan Units.....	1,775.73	53.77
11 21 63 00-0031 EA 5" x 72", Iced, Cold Pan Units.....	2,467.16	75.22
11 21 63 00-0032 EA 8" x 72", Iced, Cold Pan Units.....	2,917.08	88.97
11 21 63 00-0033 EA 5" x 48", Mechanical, Cold Pan Units .....	2,998.92	91.92
11 21 63 00-0034 EA 8" x 48", Mechanical, Cold Pan Units .....	3,263.90	99.23
11 21 63 00-0035 EA 8" x 72", Mechanical, Cold Pan Units .....	3,878.12	117.26

11 21 63 00-0036 Cold Cabinets (Insulated) <sup>(11 21 63)</sup>

11 21 63 00-0037 EA 69-3/4" x 32" x 24", Insulated Cold Cabinet.....	1,612.09	46.53
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11 26 Compact Kitchens <sup>(11 20)</sup>

**11 26 13 Metal Compact Kitchens <sup>(11 26)</sup>**

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11	<b>11 Equipment</b>
	<b>11 20 Commercial Equipment</b>
	<b>11 26 Compact Kitchens</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 26 13 00-0001 30" Compact Kitchen</b> <small>(11 26 13)</small>		
11 26 13 00-0002 EA 30" Compact Unit Kitchen With Refrigerator, Range And Sink.....	1,852.20	336.50
<i>For Gas Unit, Add</i>	<i>210.53</i>	
11 26 13 00-0003 EA 30" Compact Unit Kitchen With Refrigerator And Sink.....	1,611.10	235.55
11 26 13 00-0004 EA 30" Compact Unit Kitchen With Refrigerator And Range.....	1,483.80	201.90
11 26 13 00-0005 EA 30" Compact Unit Kitchen Cabinet For Upper Wall Section.....	383.39	71.69
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0006 EA 30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	870.18	95.59
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0007 EA 30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	52.95	7.78
11 26 13 00-0008 EA 30" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	46.31	7.78
<b>11 26 13 00-0009 42" Compact Kitchen</b> <small>(11 26 13)</small>		
11 26 13 00-0010 EA 42" Compact Unit Kitchen With Refrigerator, Range And Sink.....	2,172.30	370.15
<i>For Gas Unit, Add</i>	<i>251.82</i>	
11 26 13 00-0011 EA 42" Compact Unit Kitchen With Refrigerator And Sink.....	1,981.70	302.85
11 26 13 00-0012 EA 42" Compact Unit Kitchen Cabinet For Upper Wall Section.....	502.50	81.25
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0013 EA 42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,015.08	107.54
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0014 EA 42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	65.76	7.78
11 26 13 00-0015 EA 42" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	52.68	7.78
<b>11 26 13 00-0016 54" Compact Kitchen</b> <small>(11 26 13)</small>		
11 26 13 00-0017 EA 54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	2,962.20	471.10
<i>For Gas Unit, Add</i>	<i>350.11</i>	
11 26 13 00-0018 EA 54" Compact Unit Kitchen Cabinet For Upper Wall Section.....	631.18	47.80
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0019 EA 54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,128.98	119.49
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0020 EA 54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	77.52	7.78
11 26 13 00-0021 EA 54" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	54.15	7.78
<b>11 26 13 00-0022 60" Compact Kitchen</b> <small>(11 26 13)</small>		
11 26 13 00-0023 EA 60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink.....	3,109.50	504.75
<i>For Gas Unit, Add</i>	<i>365.48</i>	
11 26 13 00-0024 EA 60" Compact Unit Kitchen Cabinet For Upper Wall Section.....	738.98	119.49
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0025 EA 60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	83.13	7.78
11 26 13 00-0026 EA 60" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	54.15	7.78
<b>11 26 13 00-0027 72" Compact Kitchen</b> <small>(11 26 13)</small>		
11 26 13 00-0028 EA 72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	3,336.80	538.40
<i>For Gas Unit, Add</i>	<i>392.84</i>	
11 26 13 00-0029 EA 72" Compact Unit Kitchen Cabinet For Upper Wall Section.....	906.77	143.39
<i>For Range Hood In Upper Section, Add</i>	<i>179.00</i>	
11 26 13 00-0030 EA 72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	97.97	9.73
11 26 13 00-0031 EA 72" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	55.91	9.73

**11 30 Residential Equipment** (11)

**11 30 13 Residential Appliances** (11 30)

**11 30 13 13 Residential Kitchen Appliances** (11 30 13)  
 Note: Includes standard colors. Excludes stainless steel.

<b>11 30 13 13-0001 Ranges With Ovens</b> <small>(11 30 13 13)</small>		
<i>Note: Free standing or slide in.</i>		
<b>11 30 13 13-0002 Electric Ranges With Ovens</b> <small>(11 30 13 13-0001)</small>		
11 30 13 13-0003 EA 20" Electric Range With Oven.....	426.85	38.93
<i>For Stainless Steel, Add</i>	<i>87.25</i>	
11 30 13 13-0004 EA 24" Electric Range With Oven.....	446.85	38.93
<i>For Stainless Steel, Add</i>	<i>92.25</i>	
11 30 13 13-0005 EA 30" Electric Range With Oven.....	476.85	38.93
<i>For Stainless Steel, Add</i>	<i>99.75</i>	
<b>11 30 13 13-0006 Gas Ranges With Ovens</b> <small>(11 30 13 13-0001)</small>		
11 30 13 13-0007 EA 20" Gas Range With Oven.....	476.85	38.93
<i>For Stainless Steel, Add</i>	<i>99.75</i>	
11 30 13 13-0008 EA 24" Gas Range With Oven.....	502.85	38.93
<i>For Stainless Steel, Add</i>	<i>106.25</i>	
11 30 13 13-0009 EA 30" Gas Range With Oven.....	526.85	38.93
<i>For Stainless Steel, Add</i>	<i>112.25</i>	



<b>Equipment</b>	<b>11</b>
<b>Residential Equipment</b>	<b>11 30</b>
<b>Residential Appliances</b>	<b>11 30 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 30 13 13-0010</b> <b>Range Hoods</b> <small>(11 30 13 13)</small>		
<b>11 30 13 13-0011</b> <b>Venting Range Hoods</b> <small>(11 30 13 13-0010)</small>		
11 30 13 13-0012    EA   21" Venting Range Hood (Broan 40000) .....	137.08	29.19
<i>For Stainless Steel, Add</i>	11.80	
11 30 13 13-0013    EA   24" Venting Range Hood (Broan 40000) .....	125.39	29.19
<i>For Stainless Steel, Add</i>	10.05	
11 30 13 13-0014    EA   30" Venting Range Hood (Broan 40000) .....	123.34	29.19
<i>For Stainless Steel, Add</i>	9.74	
11 30 13 13-0015    EA   36" Venting Range Hood (Broan 40000) .....	125.39	29.19
<i>For Stainless Steel, Add</i>	10.05	
<b>11 30 13 13-0016</b> <b>Non-Ducted Range Hoods</b> <small>(11 30 13 13-0010)</small>		
11 30 13 13-0017    EA   21" Non Ducted Range Hood (Broan 41000).....	138.59	29.19
<i>For Stainless Steel, Add</i>	12.03	
11 30 13 13-0018    EA   24" Non Ducted Range Hood (Broan 41000).....	126.94	29.19
<i>For Stainless Steel, Add</i>	10.28	
11 30 13 13-0019    EA   30" Non Ducted Range Hood (Broan 41000).....	124.88	29.19
<i>For Stainless Steel, Add</i>	9.97	
11 30 13 13-0020    EA   36" Non Ducted Range Hood (Broan 41000).....	126.94	29.19
<i>For Stainless Steel, Add</i>	10.28	
<b>11 30 13 13-0021</b> <b>Microwaves</b> <small>(11 30 13 13)</small>		
<b>11 30 13 13-0022</b> <b>Countertop Microwaves</b> <small>(11 30 13 13-0021)</small>		
11 30 13 13-0023    EA   1.1 CF Countertop Microwave Oven.....	91.73	4.87
<i>For Stainless Steel, Add</i>	12.30	
11 30 13 13-0024    EA   1.2 CF Countertop Microwave Oven.....	109.72	4.87
<i>For Stainless Steel, Add</i>	15.00	
11 30 13 13-0025    EA   1.3 CF Countertop Microwave Oven.....	112.72	4.87
<i>For Stainless Steel, Add</i>	15.45	
11 30 13 13-0026    EA   1.4 CF Countertop Microwave Oven.....	138.73	4.87
<i>For Stainless Steel, Add</i>	19.35	
11 30 13 13-0027    EA   1.5 CF Countertop Microwave Oven.....	148.73	4.87
<i>For Stainless Steel, Add</i>	20.85	
11 30 13 13-0028    EA   1.6 CF Countertop Microwave Oven.....	158.73	4.87
<i>For Stainless Steel, Add</i>	22.35	
11 30 13 13-0029    EA   1.7 CF Countertop Microwave Oven.....	168.73	4.87
<i>For Stainless Steel, Add</i>	23.85	
11 30 13 13-0030    EA   1.8 CF Countertop Microwave Oven.....	178.73	4.87
<i>For Stainless Steel, Add</i>	25.35	
11 30 13 13-0031    EA   2.0 CF Countertop Microwave Oven.....	189.72	4.87
<i>For Stainless Steel, Add</i>	27.00	
<b>11 30 13 13-0032</b> <b>Over-The-Range Microwaves</b> <small>(11 30 13 13-0021)</small>		
11 30 13 13-0033    EA   1.5 CF Over-The Range Microwave .....	313.96	38.92
<i>For Stainless Steel, Add</i>	38.34	
11 30 13 13-0034    EA   1.6 CF Over-The Range Microwave .....	357.37	38.92
<i>For Stainless Steel, Add</i>	44.85	
11 30 13 13-0035    EA   1.7 CF Over-The Range Microwave .....	371.36	38.92
<i>For Stainless Steel, Add</i>	46.95	
11 30 13 13-0036    EA   1.8 CF Over-The Range Microwave .....	476.36	38.92
<i>For Stainless Steel, Add</i>	62.70	
11 30 13 13-0037    EA   2.0 CF Over-The Range Microwave .....	377.37	38.92
<i>For Stainless Steel, Add</i>	47.85	
<b>11 30 13 13-0038</b> <b>Trash Compactors</b> <small>(11 30 13 13)</small>		
11 30 13 13-0039    EA   15" Built-In Trash Compactor, 4 To 1 Compaction .....	726.85	38.93
<i>For Stainless Steel, Add</i>	116.82	
<b>11 30 13 13-0040</b> <b>Refrigerators</b> <small>(11 30 13 13)</small>		
<b>11 30 13 13-0041</b> <b>Top Freezer Refrigerators</b> <small>(11 30 13 13-0040)</small>		
11 30 13 13-0042    EA   Up To 10 CF Top Freezer Refrigerator.....	358.92	19.46
<i>For Stainless Steel, Add</i>	48.00	
11 30 13 13-0043    EA   >10 To 12 CF Top Freezer Refrigerator .....	437.93	19.46
<i>For Stainless Steel, Add</i>	59.85	
11 30 13 13-0044    EA   >12 To 14 CF Top Freezer Refrigerator .....	488.92	19.46
<i>For Stainless Steel, Add</i>	67.50	
11 30 13 13-0045    EA   >14 To 16 CF Top Freezer Refrigerator .....	518.92	19.46
<i>For Stainless Steel, Add</i>	72.00	
11 30 13 13-0046    EA   >16 To 18 CF Top Freezer Refrigerator .....	598.92	19.46
<i>For Stainless Steel, Add</i>	84.00	
11 30 13 13-0047    EA   >18 To 20 CF Top Freezer Refrigerator .....	667.93	19.46
<i>For Stainless Steel, Add</i>	94.35	
11 30 13 13-0048    EA   >20 To 22 CF Top Freezer Refrigerator .....	718.92	19.46
<i>For Stainless Steel, Add</i>	102.00	

11	<b>11 Equipment</b>
	<b>11 30 Residential Equipment</b>
	<b>11 30 13 Residential Appliances</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 30 13 13-0049 Side-By-Side Refrigerators</b> <small>(11 30 13 13-0040)</small>		
11 30 13 13-0050 EA Up To 22 CF Side-By-Side Refrigerator.....	738.81	19.46
<i>For Stainless Steel, Add</i>	<i>104.98</i>	
11 30 13 13-0051 EA >22 To 24 CF Side-By-Side Refrigerator.....	918.92	19.46
<i>For Stainless Steel, Add</i>	<i>132.00</i>	
11 30 13 13-0052 EA >24 To 26 CF Side-By-Side Refrigerator.....	1,038.92	19.46
<i>For Stainless Steel, Add</i>	<i>150.00</i>	
<b>11 30 13 13-0053 Other Refrigerators</b> <small>(11 30 13 13-0040)</small>		
11 30 13 13-0054 EA 1.7 CF Dormitory Sized Refrigerator.....	117.56	9.73
<i>For Stainless Steel, Add</i>	<i>14.72</i>	
11 30 13 13-0055 EA 4.4 CF Dormitory Sized Refrigerator.....	162.56	9.73
<i>For Stainless Steel, Add</i>	<i>21.47</i>	
<b>11 30 13 13-0056 Freezers</b> <small>(11 30 13 13)</small>		
<b>11 30 13 13-0057 Upright Freezers</b> <small>(11 30 13 13-0056)</small>		
11 30 13 13-0058 EA Up To 10 CF Upright Freezer.....	337.93	19.46
<i>For Stainless Steel, Add</i>	<i>44.85</i>	
11 30 13 13-0059 EA >10 To 12 CF Upright Freezer.....	437.93	19.46
<i>For Stainless Steel, Add</i>	<i>59.85</i>	
11 30 13 13-0060 EA >12 To 14 CF Upright Freezer.....	467.93	19.46
<i>For Stainless Steel, Add</i>	<i>64.35</i>	
11 30 13 13-0061 EA >14 To 16 CF Upright Freezer.....	537.93	19.46
<i>For Stainless Steel, Add</i>	<i>74.85</i>	
11 30 13 13-0062 EA >16 To 18 CF Upright Freezer.....	618.92	19.46
<i>For Stainless Steel, Add</i>	<i>87.00</i>	
11 30 13 13-0063 EA >18 To 20 CF Upright Freezer.....	658.93	19.46
<i>For Stainless Steel, Add</i>	<i>93.00</i>	
11 30 13 13-0064 EA >20 To 22 CF Upright Freezer.....	688.92	19.46
<i>For Stainless Steel, Add</i>	<i>97.50</i>	
<b>11 30 13 13-0065 Chest Freezers</b> <small>(11 30 13 13-0056)</small>		
11 30 13 13-0066 EA Up To 8 CF Chest Freezer.....	268.92	19.46
<i>For Stainless Steel, Add</i>	<i>34.50</i>	
11 30 13 13-0067 EA >8 To 10 CF Chest Freezer.....	338.92	19.46
<i>For Stainless Steel, Add</i>	<i>45.00</i>	
11 30 13 13-0068 EA >10 To 12 CF Chest Freezer.....	363.93	19.46
<i>For Stainless Steel, Add</i>	<i>48.75</i>	
11 30 13 13-0069 EA >12 To 14 CF Chest Freezer.....	408.92	19.46
<i>For Stainless Steel, Add</i>	<i>55.50</i>	
11 30 13 13-0070 EA >14 To 16 CF Chest Freezer.....	437.93	19.46
<i>For Stainless Steel, Add</i>	<i>59.85</i>	
11 30 13 13-0071 EA >16 To 18 CF Chest Freezer.....	537.93	19.46
<i>For Stainless Steel, Add</i>	<i>74.85</i>	
11 30 13 13-0072 EA >18 To 20 CF Chest Freezer.....	667.93	19.46
<i>For Stainless Steel, Add</i>	<i>94.35</i>	
11 30 13 13-0073 EA >20 To 22 CF Chest Freezer.....	688.92	19.46
<i>For Stainless Steel, Add</i>	<i>97.50</i>	
<b>11 30 13 13-0074 Automatic Ice Makers</b> <small>(11 30 13 13)</small>		
11 30 13 13-0075 EA 15" Wide, 50 LB Per Day, Automatic Ice Maker.....	1,275.85	38.93
11 30 13 13-0076 EA 18" Wide, 50 LB Per Day, Automatic Ice Maker.....	1,425.85	38.93
<b>11 30 13 13-0077 Built-In Dishwashers</b> <small>(11 30 13 13)</small>		
11 30 13 13-0078 EA 18" Built-In Dishwasher.....	607.84	38.93
<i>For Stainless Steel, Add</i>	<i>79.50</i>	
11 30 13 13-0079 EA 24" Built-In Dishwasher.....	397.84	38.93
<i>For Stainless Steel, Add</i>	<i>48.00</i>	
<b>11 30 13 13-0080 Disposals</b> <small>(11 30 13 13)</small>		
11 30 13 13-0081 EA 1/3 HP Insulated Garbage Disposal (GE GFC320V).....	127.39	29.19
11 30 13 13-0082 EA 1/2 HP Insulated Garbage Disposal (GE GFC520V).....	147.39	29.19
11 30 13 13-0083 EA 3/4 HP Insulated Garbage Disposal (GE GFC720V).....	197.39	29.19
11 30 13 13-0084 EA 1 HP Insulated Garbage Disposal (GE GFC1020V).....	247.39	29.19
<b>11 30 13 13-0085 Removal And Reinstallation Of Kitchen Equipment</b> <small>(11 30 13 13)</small>		
<i>Note: Includes storage, cleaning and final connections.</i>		
11 30 13 13-0086 EA Remove And Reinstall Garbage Disposal.....	58.39	
11 30 13 13-0087 EA Remove And Reinstall Stove/Range.....	116.77	
11 30 13 13-0088 EA Remove And Reinstall Dishwasher.....	124.56	
11 30 13 13-0089 EA Remove And Reinstall Range Hood.....	58.39	
11 30 13 13-0090 EA Remove And Reinstall Washer And Dryer.....	97.31	





<b>Equipment</b>	<b>11</b>	
Residential Equipment	11 30	11
Residential Appliances	11 30 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 30 13 13-0091 Appliance Repair</b> <small>(11 30 13 13)</small> Note: Includes removal.		
11 30 13 13-0092 EA 8" Burner Replacement.....	18.29	
11 30 13 13-0093 EA 4" Burner Element Replacement.....	31.96	
11 30 13 13-0094 EA 8" Burner Element Replacement.....	36.80	
11 30 13 13-0095 EA Burner Manifold Replacement.....	126.01	
11 30 13 13-0096 EA Burner Switch Replacement.....	50.82	
11 30 13 13-0097 EA Burner Tube, 5/8" x 4" Replacement.....	24.08	
11 30 13 13-0098 EA Oven Control Replacement.....	60.81	
11 30 13 13-0099 EA Oven Door Gasket Replacement.....	24.78	
11 30 13 13-0100 EA Oven Element Replacement.....	57.02	
11 30 13 13-0101 EA Oven Igniter Replacement.....	41.04	
11 30 13 13-0102 EA Oven Knobs Replacement.....	31.25	
<b>11 30 13 13-0103 Accessories</b> <small>(11 30 13 13)</small>		
11 30 13 13-0104 SF Colored Metal Range Splash Plate.....	8.91	1.56
11 30 13 13-0105 SF Stainless Steel Range Splash Plate.....	13.57	1.56
<b>11 30 13 13-0106 Automatic Water Softener</b> <small>(11 30 13 13)</small>		
11 30 13 13-0107 EA 30,000 Grain Capacity, Water Softener (Whirlpool WHES30).....	676.31	123.92
11 30 13 13-0108 EA 40,000 Grain Capacity, Water Softener (Whirlpool WHES40).....	799.15	123.92
<b>11 30 13 23 Residential Laundry Appliances</b> <small>(11 30 13)</small>		
<b>11 30 13 23-0001 Washing Machines And Dryers</b> <small>(11 30 13 23)</small>		
<b>11 30 13 23-0002 Washing Machines</b> <small>(11 30 13 23-0001)</small>		
11 30 13 23-0003 EA Up To 3.5 CF, Top Load Washing Machine.....	468.38	38.93
11 30 13 23-0004 EA >3.5 To 4 CF, Top Load Washing Machine.....	758.38	38.93
11 30 13 23-0005 EA >4 To 5 CF, Top Load Washing Machine.....	1,008.38	38.93
<b>11 30 13 23-0006 Dryers</b> <small>(11 30 13 23-0001)</small>		
<b>11 30 13 23-0007 Electric Dryers</b> <small>(11 30 13 23-0006)</small>		
11 30 13 23-0008 EA Up To 6 CF, Electric Dryer.....	357.39	38.93
11 30 13 23-0009 EA >6 To 6.5 CF, Electric Dryer.....	458.38	38.93
11 30 13 23-0010 EA >6.5 To 7 CF, Electric Dryer.....	568.38	38.93
11 30 13 23-0011 EA >7 To 7.5 CF, Electric Dryer.....	648.38	38.93
<b>11 30 13 23-0012 Gas Dryers</b> <small>(11 30 13 23-0006)</small>		
11 30 13 23-0013 EA Up To 6 CF, Gas Dryer.....	428.38	38.93
11 30 13 23-0014 EA >6 To 6.5 CF, Gas Dryer.....	528.38	38.93
11 30 13 23-0015 EA >6.5 To 7 CF, Gas Dryer.....	628.27	38.93
11 30 13 23-0016 EA >7 To 7.5 CF, Gas Dryer.....	718.38	38.93
<b>11 30 33 Retractable Stairs</b> <small>(11 30)</small>		
<b>11 30 33 00-0001 Disappearing Folding Access Stairs</b> <small>(11 30 33)</small>		
<b>11 30 33 00-0002 250 LB Capacity, Wood Folding Access Stairs</b> <small>(11 30 33 00-0001)</small>		
11 30 33 00-0003 EA 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity.....	367.26	95.65
11 30 33 00-0004 EA 22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity.....	375.72	95.65
11 30 33 00-0005 EA 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity.....	375.72	95.65
11 30 33 00-0006 EA 25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity.....	383.97	95.65
<b>11 30 33 00-0007 350 LB Capacity, Wood Folding Access Stairs</b> <small>(11 30 33 00-0001)</small>		
11 30 33 00-0008 EA 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	444.48	95.65
11 30 33 00-0009 EA 22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	461.58	95.65
11 30 33 00-0010 EA 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	454.55	95.65
11 30 33 00-0011 EA 25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	470.89	95.65
11 30 33 00-0012 EA 30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	464.32	95.65
11 30 33 00-0013 EA 30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	492.56	95.65
<b>11 30 33 00-0014 300 LB Capacity, Aluminum Folding Access Stairs</b> <small>(11 30 33 00-0001)</small>		
11 30 33 00-0015 EA 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	467.28	95.65
11 30 33 00-0016 EA 22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	492.97	95.65
11 30 33 00-0017 EA 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	474.44	95.65
11 30 33 00-0018 EA 25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	500.11	95.65
11 30 33 00-0019 EA 25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	643.07	95.65

<b>11</b>	<b>Equipment</b>
<b>11 30</b>	<b>Residential Equipment</b>
<b>11 30 33</b>	<b>Retractable Stairs</b>



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0020			<b>300 LB Capacity, Steel Folding Access Stairs</b> <small>(11 30 33 00-0001)</small>		
11 30 33 00-0021	EA		22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity.....	418.14	95.65
11 30 33 00-0022	EA		22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity.....	442.22	95.65

## 11 40 Foodservice Equipment (11)

### 11 41 Foodservice Storage Equipment (11 40)

#### 11 41 13 Refrigerated Food Storage Cases (11 41)

##### 11 41 13 00-0001 Frozen Food Cases (11 41 13)

11 41 13 00-0002	LF		Chest Type Frozen Food Case.....	798.92	209.15
11 41 13 00-0003	LF		Reach-in Frozen Food Case (Glass Door).....	1,491.17	209.15
11 41 13 00-0004	LF		Island Type Frozen Food Case.....	919.42	209.15
11 41 13 00-0005	LF		Multi-Deck Frozen Food Case.....	1,432.86	209.15

##### 11 41 13 00-0006 Reach-In Refrigeration (11 41 13)

##### 11 41 13 00-0007 Reach-In Refrigerators (11 41 13 00-0006)

11 41 13 00-0008	EA		Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator.....	2,767.56	92.07
11 41 13 00-0009	EA		Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator.....	3,409.12	116.12
11 41 13 00-0010	EA		Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	4,553.36	128.29
11 41 13 00-0011	EA		Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator.....	2,971.60	92.07
11 41 13 00-0012	EA		Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator.....	3,866.64	116.12
11 41 13 00-0013	EA		Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	5,146.73	128.29
11 41 13 00-0014	EA		Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator.....	3,323.53	92.07
11 41 13 00-0015	EA		Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator.....	4,495.36	116.12
11 41 13 00-0016	EA		Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator.....	4,039.15	92.07
11 41 13 00-0017	EA		Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator.....	5,822.56	116.12

##### 11 41 13 00-0018 Reach-In Freezers (11 41 13 00-0006)

11 41 13 00-0019	EA		Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer.....	3,112.32	92.18
11 41 13 00-0020	EA		Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer.....	4,126.64	115.95

#### 11 41 23 Walk-In-Coolers (11 41)

##### 11 41 23 00-0001 Walk-In Refrigerated Boxes (11 41 23)

Note: Overall heights include 4" floor panel and 4" ceiling panel.

##### 11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor (11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA		6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	6,453.43	581.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,419.59	
11 41 23 00-0004	EA		6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,734.38	653.86
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,715.64	
11 41 23 00-0005	EA		6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,171.93	726.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,800.81	
11 41 23 00-0006	EA		6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,213.68	871.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,012.97	
11 41 23 00-0007	EA		6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,622.13	1,017.12
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,316.68	
11 41 23 00-0008	EA		6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,720.59	1,162.43
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,542.61	
11 41 23 00-0009	EA		6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,798.40	1,307.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,763.69	
11 41 23 00-0010	EA		8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,519.75	726.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,887.77	
11 41 23 00-0011	EA		8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,322.18	799.16
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,064.23	
11 41 23 00-0012	EA		8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,479.63	944.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,304.95	
11 41 23 00-0013	EA		8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,032.47	1,089.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,644.86	
11 41 23 00-0014	EA		8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,210.95	1,235.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,891.19	



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0015	EA		8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,429.67	1,380.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,147.21	
11 41 23 00-0016	EA		8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,607.32	1,525.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,393.54	
11 41 23 00-0017	EA		8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,821.72	1,670.98
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,648.29	
11 41 23 00-0018	EA		8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,005.27	1,816.29
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,895.89	
11 41 23 00-0019			<b>Walk-In Refrigerated Unit, 7'6" High With Floor</b> <small>(11 41 23 00-0001)</small>		
			Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0020	EA		10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,586.60	871.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,356.20	
11 41 23 00-0021	EA		10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,859.39	1,017.12
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,625.99	
11 41 23 00-0022	EA		10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,191.43	1,162.43
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,910.32	
11 41 23 00-0023	EA		10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,444.68	1,307.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,175.26	
11 41 23 00-0024	EA		10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,798.47	1,453.03
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,465.71	
11 41 23 00-0025	EA		10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,050.13	1,598.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,729.38	
11 41 23 00-0026	EA		10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,409.01	1,743.64
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,021.35	
11 41 23 00-0027	EA		10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,655.86	1,888.94
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,284.77	
11 41 23 00-0028	EA		10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,011.72	2,034.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,575.21	
11 41 23 00-0029	EA		10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,266.68	2,179.55
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,840.16	
11 41 23 00-0030	EA		10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,719.24	2,397.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,130.86	
11 41 23 00-0031	EA		10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,058.78	2,615.46
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,394.27	
11 41 23 00-0032	EA		12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,118.77	1,089.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,916.44	
11 41 23 00-0033	EA		12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,603.25	1,235.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,239.27	
11 41 23 00-0034	EA		12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,959.67	1,380.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,529.71	
11 41 23 00-0035	EA		12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,437.20	1,525.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,851.01	
11 41 23 00-0036	EA		12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,800.52	1,670.98
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,142.99	
11 41 23 00-0037	EA		12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,277.83	1,816.29
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,464.03	
11 41 23 00-0038	EA		12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,631.27	1,961.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,754.48	
11 41 23 00-0039	EA		12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,117.91	2,106.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,077.31	
11 41 23 00-0040	EA		12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,523.59	2,288.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,367.75	
11 41 23 00-0041	EA		12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,099.06	2,506.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,689.05	

**11 Equipment****11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0042	EA		12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,556.68	2,724.43
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,981.03	
11 41 23 00-0043	EA		12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,128.33	2,942.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,302.07	
11 41 23 00-0044	EA		12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,577.68	3,160.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,592.52	
<b>11 41 23 00-0045</b>			<b>Walk-In Refrigerated Unit, 7'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA		14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,374.12	1,307.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,907.62	
11 41 23 00-0047	EA		14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,040.03	1,453.03
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,276.10	
11 41 23 00-0048	EA		14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,848.61	1,598.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,679.00	
11 41 23 00-0049	EA		14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,514.51	1,743.64
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,047.73	
11 41 23 00-0050	EA		14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,313.18	1,888.94
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,449.10	
11 41 23 00-0051	EA		14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,988.30	2,034.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,819.36	
11 41 23 00-0052	EA		14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,788.96	2,179.55
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,220.73	
11 41 23 00-0053	EA		14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,553.64	2,397.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,589.46	
11 41 23 00-0054	EA		14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,451.12	2,615.46
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,992.36	
11 41 23 00-0055	EA		14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,227.25	2,833.41
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,360.83	
11 41 23 00-0056	EA		14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,116.13	3,051.37
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,762.46	
11 41 23 00-0057	EA		14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,888.94	3,232.99
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,132.46	
<b>11 41 23 00-0058</b>			<b>Walk-In Refrigerated Unit, 7'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0059	EA		16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,865.42	1,525.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,708.07	
11 41 23 00-0060	EA		16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,804.02	1,670.98
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,143.86	
11 41 23 00-0061	EA		16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,677.09	1,816.29
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,563.85	
11 41 23 00-0062	EA		16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,618.05	1,961.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,001.17	
11 41 23 00-0063	EA		16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,493.31	2,106.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,421.16	
11 41 23 00-0064	EA		16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,480.39	2,288.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,856.95	
11 41 23 00-0065	EA		16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,456.72	2,506.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,278.47	
11 41 23 00-0066	EA		16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,489.62	2,724.43
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,714.26	
11 41 23 00-0067	EA		16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,457.03	2,942.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,134.25	
11 41 23 00-0068	EA		16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,493.90	3,160.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,571.57	



<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	11
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0069	EA		18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,446.39	1,743.64
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,530.70	
11 41 23 00-0070	EA		18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,438.86	1,888.94
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,980.52	
11 41 23 00-0071	EA		18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,541.36	2,034.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,457.62	
11 41 23 00-0072	EA		18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,530.72	2,179.55
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,906.17	
11 41 23 00-0073	EA		18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,734.00	2,397.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,384.55	
11 41 23 00-0074	EA		18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,814.06	2,615.46
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,833.09	
11 41 23 00-0075	EA		18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,024.71	2,833.41
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,310.20	
11 41 23 00-0076	EA		18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,106.37	3,051.37
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,760.02	
11 41 23 00-0077	EA		18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,307.58	3,269.32
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,237.12	
11 41 23 00-0078	EA		18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,480.81	3,535.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,685.67	
11 41 23 00-0079			<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0080	EA		6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	6,822.67	581.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,511.90	
11 41 23 00-0081	EA		6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,877.18	653.86
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,751.34	
11 41 23 00-0082	EA		6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,641.13	726.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,918.11	
11 41 23 00-0083	EA		6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,752.24	871.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,147.61	
11 41 23 00-0084	EA		6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,191.29	1,017.12
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,458.97	
11 41 23 00-0085	EA		6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,359.11	1,162.43
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,702.24	
11 41 23 00-0086	EA		6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,467.52	1,307.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,930.97	
11 41 23 00-0087	EA		8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,027.71	726.52
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,014.76	
11 41 23 00-0088	EA		8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,860.74	799.16
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,198.87	
11 41 23 00-0089	EA		8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,087.55	944.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,456.93	
11 41 23 00-0090	EA		8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,670.99	1,089.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,804.49	
11 41 23 00-0091	EA		8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,918.83	1,235.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,068.16	
11 41 23 00-0092	EA		8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,168.15	1,380.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,331.83	
11 41 23 00-0093	EA		8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,415.16	1,525.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,595.50	
11 41 23 00-0094	EA		8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,660.16	1,670.98
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,857.90	
11 41 23 00-0095	EA		8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,913.07	1,816.29
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,122.84	

11	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 41 Foodservice Storage Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 41 23 00-0096	<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small>	
	Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.	
11 41 23 00-0097	EA 10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,155.76 871.82
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,498.49
11 41 23 00-0098	EA 10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,497.91 1,017.12
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,785.62
11 41 23 00-0099	EA 10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,860.55 1,162.43
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,077.60
11 41 23 00-0100	EA 10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,183.16 1,307.73
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,359.88
11 41 23 00-0101	EA 10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,567.55 1,453.03
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,657.98
11 41 23 00-0102	EA 10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,888.57 1,598.34
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,938.99
11 41 23 00-0103	EA 10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,278.05 1,743.64
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,238.61
11 41 23 00-0104	EA 10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,594.26 1,888.94
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,519.37
11 41 23 00-0105	EA 10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,980.72 2,034.24
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,817.46
11 41 23 00-0106	EA 10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,305.04 2,179.55
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,099.75
11 41 23 00-0107	EA 10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,788.20 2,397.50
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,398.10
11 41 23 00-0108	EA 10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,197.10 2,579.13
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,678.85
11 41 23 00-0109	EA 12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,826.65 1,089.77
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,093.41
11 41 23 00-0110	EA 12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,341.73 1,235.07
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,423.89
11 41 23 00-0111	EA 12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,767.51 1,380.38
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,731.67
11 41 23 00-0112	EA 12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,275.64 1,525.68
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,060.62
11 41 23 00-0113	EA 12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,708.32 1,670.98
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,369.94
11 41 23 00-0114	EA 12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,216.23 1,816.29
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,698.63
11 41 23 00-0115	EA 12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,639.03 1,961.59
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,006.42
11 41 23 00-0116	EA 12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,156.27 2,106.89
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,336.90
11 41 23 00-0117	EA 12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,631.31 2,288.52
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,644.68
11 41 23 00-0118	EA 12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,237.38 2,506.48
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,973.63
11 41 23 00-0119	EA 12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,764.36 2,724.43
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,282.95
11 41 23 00-0120	EA 12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,366.61 2,942.38
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,611.64
11 41 23 00-0121	EA 12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,885.32 3,160.34
	<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,919.43

11 41 23 00-0122	<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small>	
	Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.	



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Foodservice Storage Equipment	11 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0123 EA 14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,143.20	1,307.73
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,099.89	
11 41 23 00-0124 EA 14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,878.47	1,453.03
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,485.71	
11 41 23 00-0125 EA 14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,717.65	1,598.34
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,896.26	
11 41 23 00-0126 EA 14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,452.91	1,743.64
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,282.33	
11 41 23 00-0127 EA 14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,282.18	1,888.94
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,691.35	
11 41 23 00-0128 EA 14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,026.66	2,034.24
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,078.95	
11 41 23 00-0129 EA 14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,857.92	2,179.55
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,487.97	
11 41 23 00-0130 EA 14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,691.96	2,397.50
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,874.04	
11 41 23 00-0131 EA 14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,620.04	2,615.46
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,284.59	
11 41 23 00-0132 EA 14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,465.53	2,833.41
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,670.40	
11 41 23 00-0133 EA 14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,385.01	3,051.37
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,079.68	
11 41 23 00-0134 EA 14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,227.18	3,269.32
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,467.02	
<b>11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small>		
Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136 EA 16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,773.22	1,525.68
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,935.02	
11 41 23 00-0137 EA 16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,742.42	1,670.98
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,378.46	
11 41 23 00-0138 EA 16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,684.85	1,816.29
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,815.79	
11 41 23 00-0139 EA 16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,656.41	1,961.59
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,260.76	
11 41 23 00-0140 EA 16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,601.03	2,106.89
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,698.09	
11 41 23 00-0141 EA 16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,618.71	2,288.52
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,141.53	
11 41 23 00-0142 EA 16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,664.40	2,506.48
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,580.39	
11 41 23 00-0143 EA 16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,727.90	2,724.43
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,023.83	
11 41 23 00-0144 EA 16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,764.67	2,942.38
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,461.16	
11 41 23 00-0145 EA 16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,832.14	3,160.34
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,906.13	
11 41 23 00-0146 EA 18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,415.39	1,743.64
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,772.95	
11 41 23 00-0147 EA 18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,477.22	1,888.94
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,240.11	
11 41 23 00-0148 EA 18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,610.32	2,034.24
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,724.86	
11 41 23 00-0149 EA 18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,669.04	2,179.55
<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,190.75	

<b>11</b>	<b>Equipment</b>
<b>11 40</b>	<b>Foodservice Equipment</b>
<b>11 41</b>	<b>Foodservice Storage Equipment</b>



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0150	EA		18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,902.92	2,397.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,676.78	
11 41 23 00-0151	EA		18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,052.34	2,615.46
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,142.66	
11 41 23 00-0152	EA		18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,293.59	2,833.41
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,627.42	
11 41 23 00-0153	EA		18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,444.61	3,051.37
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,094.58	
11 41 23 00-0154	EA		18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,676.42	3,269.32
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,579.33	
11 41 23 00-0155	EA		18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,919.01	3,535.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,045.22	
<b>11 41 23 00-0156</b>			<b>Walk-In Refrigerated Unit Metal Price Add-Ons</b> (11 41 23 00-0001)		
11 41 23 00-0157	SF		Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume .....	0.43	
11 41 23 00-0158	SF		Metal Price Add-ons, 24 GA White Polyester vs. 24 Gauge Galvalume .....	0.80	
11 41 23 00-0159	SF		Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume .....	1.13	
11 41 23 00-0160	SF		Metal Price Add-ons, 22 GA Stainless Steel vs. 24 Gauge Galvalume.....	7.96	
11 41 23 00-0161	SF		Metal Price Add-ons, 20 GA Stainless Steel vs. 24 Gauge Galvalume.....	10.40	
11 41 23 00-0162	SF		Metal Price Add-ons, 24 GA Embossed Tan Polyester vs. 24 Gauge Galvalume .....	1.28	
11 41 23 00-0163	SF		Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume .....	3.16	
11 41 23 00-0164	SF		Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume.....	4.08	
11 41 23 00-0165	SF		Metal Price Add-ons, 24 GA Smooth Kynar Painted vs. 24 Gauge Galvalume .....	4.28	
11 41 23 00-0166	SF		Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor .....	-5.76	
11 41 23 00-0167	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor .....	2.40	
11 41 23 00-0168	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor .....	6.23	
11 41 23 00-0169	SF		Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor.....	5.46	
11 41 23 00-0170	SF		Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor.....	17.70	
<b>11 41 23 00-0171</b>			<b>Air Cooled Condensing Units For Walk-In Coolers And Freezers</b> (11 41 23)		
<b>11 41 23 00-0172</b>			<b>Medium Temperature Hermetic System, Indoor</b> (11 41 23 00-0171) Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0173</b>			<b>208/230 Volt, 1 Phase</b> (11 41 23 00-0172) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0174	EA		1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,397.70	92.94
11 41 23 00-0175	EA		3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,532.67	108.43
11 41 23 00-0176	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,918.21	123.92
11 41 23 00-0177	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,147.72	139.41
11 41 23 00-0178	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,467.68	154.90
11 41 23 00-0179	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,897.75	185.88
11 41 23 00-0180	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,294.09	216.86
11 41 23 00-0181	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,679.82	247.84
<b>11 41 23 00-0182</b>			<b>208/230 Volt, 3 Phase</b> (11 41 23 00-0172) Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	2,922.34	123.92
11 41 23 00-0184	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,147.72	139.41
11 41 23 00-0185	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,504.90	154.90
11 41 23 00-0186	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,853.43	185.88
11 41 23 00-0187	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,294.09	216.86
11 41 23 00-0188	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,628.41	247.84
<b>11 41 23 00-0189</b>			<b>Medium Temperature Hermetic System, Outdoor</b> (11 41 23 00-0171) Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0190</b>			<b>208/230 Volt, 1 Phase</b> (11 41 23 00-0189) Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191	EA		1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,569.07	92.94
11 41 23 00-0192	EA		3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,828.13	108.43
11 41 23 00-0193	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,261.53	123.92
11 41 23 00-0194	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,397.68	139.41
11 41 23 00-0195	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,646.73	154.90
11 41 23 00-0196	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,153.03	185.88
11 41 23 00-0197	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,553.50	216.86
11 41 23 00-0198	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,941.01	247.84
<b>11 41 23 00-0199</b>			<b>208/230 Volt, 3 Phase</b> (11 41 23 00-0189) Note: Pre-Assembled outdoor R404a.		





<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	<b>11</b>
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0200 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,239.67	123.92
11 41 23 00-0201 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,406.54	139.41
11 41 23 00-0202 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,692.82	154.90
11 41 23 00-0203 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,109.30	185.88
11 41 23 00-0204 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,567.09	216.86
11 41 23 00-0205 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,886.64	247.84
<b>11 41 23 00-0206 Low Temperature Hermetic System, Indoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0207 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	185.89	92.94
11 41 23 00-0209 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,824.58	108.43
11 41 23 00-0210 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,959.57	123.92
11 41 23 00-0211 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,160.72	139.41
11 41 23 00-0212 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,438.72	154.90
11 41 23 00-0213 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,060.25	185.88
<b>11 41 23 00-0214 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	2,963.71	123.92
11 41 23 00-0216 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,160.72	139.41
11 41 23 00-0217 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,477.13	154.90
11 41 23 00-0218 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,017.71	185.88
<b>11 41 23 00-0219 Low Temperature Hermetic System, Outdoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0220 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,027.03	92.94
11 41 23 00-0222 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,071.58	108.43
11 41 23 00-0223 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,237.30	123.92
11 41 23 00-0224 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,508.77	139.41
11 41 23 00-0225 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,828.14	154.90
11 41 23 00-0226 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,308.44	185.88
<b>11 41 23 00-0227 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,344.26	123.92
11 41 23 00-0229 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,561.36	139.41
11 41 23 00-0230 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,870.68	154.90
11 41 23 00-0231 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,265.30	185.88
<b>11 41 23 00-0232 Medium Temperature Semi-Hermetic System, Indoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0233 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,097.26	123.92
11 41 23 00-0235 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,090.94	247.84
<b>11 41 23 00-0236 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,099.62	123.92
11 41 23 00-0238 EA 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,287.87	154.90
11 41 23 00-0239 EA 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,353.19	185.88
11 41 23 00-0240 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,994.62	247.84
<b>11 41 23 00-0241 Medium Temperature Semi-Hermetic System, Outdoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0242 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		

11	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 41 Foodservice Storage Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0243	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,395.08	123.92
11 41 23 00-0244	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,377.37	247.84
<b>11 41 23 00-0245</b>			<b>208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA		1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,400.99	123.92
11 41 23 00-0247	EA		2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,014.87	154.90
11 41 23 00-0248	EA		3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,778.65	185.88
11 41 23 00-0249	EA		5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,568.40	247.84
<b>11 41 23 00-0250</b>			<b>Low Temperature Semi-Hermetic System, Indoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0251</b>			<b>208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,167.90	108.43
11 41 23 00-0253	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,384.44	123.92
11 41 23 00-0254	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,971.46	139.41
11 41 23 00-0255	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,601.06	154.90
11 41 23 00-0256	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,817.06	185.88
<b>11 41 23 00-0257</b>			<b>208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,151.36	108.43
11 41 23 00-0259	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,382.08	123.92
11 41 23 00-0260	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,949.00	139.41
11 41 23 00-0261	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,562.06	154.90
11 41 23 00-0262	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,609.64	185.88
11 41 23 00-0263	EA		4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,843.32	216.86
11 41 23 00-0264	EA		6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,272.64	278.82
11 41 23 00-0265	EA		7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,924.13	325.29
<b>11 41 23 00-0266</b>			<b>Low Temperature Semi-Hermetic System, Outdoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0267</b>			<b>208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,488.77	108.43
11 41 23 00-0269	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,657.45	123.92
11 41 23 00-0270	EA		1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,255.69	139.41
11 41 23 00-0271	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,889.43	154.90
11 41 23 00-0272	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,124.93	185.88
<b>11 41 23 00-0273</b>			<b>208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA		3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,436.77	108.43
11 41 23 00-0275	EA		1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,659.81	123.92
11 41 23 00-0276	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,246.83	139.41
11 41 23 00-0277	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,845.70	154.90
11 41 23 00-0278	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,937.61	185.88
11 41 23 00-0279	EA		4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,656.42	216.86
11 41 23 00-0280	EA		6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,137.75	278.82
11 41 23 00-0281	EA		7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	12,857.79	325.29
<b>11 41 23 00-0282</b>			<b>Walk-In Refrigerated Boxes Accessories</b> <small>(11 41 23)</small> See CSI section 08 71 00 00-0000 for additional door accessories.		
<b>11 41 23 00-0283</b>			<b>Accessories</b> <small>(11 41 23 00-0282)</small>		
11 41 23 00-0284	EA		Super Door Package, For 36" Or 42" Door.....	494.53	
11 41 23 00-0285	EA		Super Door Package, For 48" Door.....	687.31	
			Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0286	EA		Super Door Package, For 60" Door.....	687.31	
			Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0287	EA		14" x 24" Observation Window, Heated.....	807.05	
11 41 23 00-0288	EA		Heated Air Vent, Kason.....	271.55	
11 41 23 00-0289	EA		Heated Air Vent, Bally Polyvinyl Chloride (PVC).....	684.65	
11 41 23 00-0290	EA		Interior Ramps, For 36" Or 42" Wide Doors.....	1,017.43	
11 41 23 00-0291	EA		Interior Ramps, For 48" Wide Doors.....	1,114.33	
11 41 23 00-0292	EA		Interior Ramps, For 60" Wide Doors.....	1,226.53	
11 41 23 00-0293	EA		Exterior Ramps, For 36" Or 42" Wide Doors.....	399.31	
11 41 23 00-0294	EA		Exterior Ramps, For 48" Wide Doors.....	750.19	
11 41 23 00-0295	EA		Exterior Ramps, For 60" Wide Doors.....	750.19	
11 41 23 00-0296	EA		Field Installed Extra Vapor-Proof Lights.....	80.19	
11 41 23 00-0297	EA		Field Installed Fluorescent Lights, 48", 2 Tubes.....	526.95	
11 41 23 00-0298	EA		Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted).....	1,005.33	
11 41 23 00-0299	EA		Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted).....	1,057.35	
11 41 23 00-0300	EA		Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted).....	495.33	
11 41 23 00-0301	EA		Locking Devices, 36" Or 42" Wide Locking Bar.....	271.95	
11 41 23 00-0302	EA		Locking Devices, 48" Wide Locking Bar.....	312.75	
11 41 23 00-0303	EA		Locking Devices, 60" Wide Locking Bar.....	312.75	
11 41 23 00-0304	EA		Locking Devices, Mortise Dead Bolt (Cooler).....	569.79	
11 41 23 00-0305	EA		Locking Devices, Mortise Dead Bolt (Freezer).....	704.43	
11 41 23 00-0306	EA		Blast Freezer Kit, For 36" Or 42" Wide Doors.....	1,143.91	
11 41 23 00-0307	EA		Blast Freezer Kit, For 48" Wide Doors.....	1,209.19	
11 41 23 00-0308	EA		Blast Freezer Kit, For 60" Wide Doors.....	1,243.87	
11 41 23 00-0309	EA		Hardware Options, Polished For 36" Or 42" Door.....	56.10	
11 41 23 00-0310	EA		Hardware Options, Polished For 48" Or 60" Door.....	45.90	
11 41 23 00-0311	EA		Hardware Options, Chrome For 36" Or 42" Door.....	141.78	
11 41 23 00-0312	EA		Hardware Options, Chrome For 48" Or 60" Door.....	76.50	
11 41 23 00-0313	EA		Hardware Options, Positive Latch, 36" Or 42" Door.....	175.31	
11 41 23 00-0314	EA		Hardware Options, Strap Hinges, 36" Or 42" Door.....	126.35	
11 41 23 00-0315	EA		4" Screed Door.....	314.39	
11 41 23 00-0316	EA		Doors Cut For Tile.....	387.83	
11 41 23 00-0317	EA		84" High Doors (36" Wide).....	387.83	
11 41 23 00-0318	EA		Doors Raised Or Lowered In Panel.....	927.41	
11 41 23 00-0319	EA		57-1/2" Door Section.....	235.85	
11 41 23 00-0320	EA		3 Way (Interior And Exterior) Light Switches.....	215.85	
11 41 23 00-0321	EA		3 Way (1 Side Only) Light Switch.....	109.13	
11 41 23 00-0322	EA		Structural Support, 5" Reinforcing Ceilings (Every 23").....	202.72	
11 41 23 00-0323	EA		Structural Support, 6" Reinforcing Ceilings (Every 23").....	259.84	
11 41 23 00-0324	LF		Structural Support, Self-Supporting Standard Angle.....	27.09	
11 41 23 00-0325	LF		Structural Support, Self-Supporting 6" Channel.....	35.51	
11 41 23 00-0326	LF		Structural Support, Self-Supporting 8" Channel.....	52.08	
11 41 23 00-0327	LF		Structural Support, Self-Supporting 10" Channel.....	83.95	
11 41 23 00-0328	LF		Structural Support, Suspended Ceiling Support.....	14.56	
11 41 23 00-0329	LF		Factory Prepared Opening, Foam Cut Opening.....	4.38	
11 41 23 00-0330	LF		Factory Prepared Opening, Metal Capped Opening.....	17.85	
11 41 23 00-0331	LF		Factory Prepared Opening, Wood Framed Opening.....	16.63	
11 41 23 00-0332	LF		Factory Prepared Opening, Metal Capped Wood Framed Opening.....	27.54	
11 41 23 00-0333	LF		Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer).....	22.95	
11 41 23 00-0334	SF		Outdoor Weather Roofs, Aluminum Roof Caps.....	10.31	
11 41 23 00-0335	SF		Outdoor Weather Roofs, Membrane Roof Caps.....	5.61	
11 41 23 00-0336	SF		Outdoor Weather Roofs, Painted Aluminum Roofs.....	12.81	
11 41 23 00-0337	SF		1/8" Aluminum Tread Plate.....	26.56	
11 41 23 00-0338	SF		3/16" Aluminum Tread Plate.....	31.98	
11 41 23 00-0339	EA		Digitemp Display Thermometer (Indoor Exterior Wall).....	220.31	
11 41 23 00-0340	EA		4-1/2" Dial Type Thermometer With 5" Cap Tube.....	196.85	
11 41 23 00-0341	EA		6" Dial Type Thermometer With 5" Cap Tube.....	656.87	
11 41 23 00-0342	EA		2" Dial Type Thermometer (Standard).....	62.21	
11 41 23 00-0343	LF		Extra Capillary Tubing.....	8.70	

**11 41 23 00-0344**

**Partition Wall For Walk-In Refrigerated Boxes** (11 41 23 00-0282)

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA		5'-10" Length Partition Wall, 7'-2"/7'-6" High.....	2,369.95	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	116.08	
11 41 23 00-0346	EA		6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	2,582.49	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	126.58	
11 41 23 00-0347	EA		7'-9" Length Partition Wall, 7'-2"/7'-6" High.....	2,656.32	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	130.15	
11 41 23 00-0348	EA		8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	2,872.94	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	140.86	
11 41 23 00-0349	EA		9'-8" Length Partition Wall, 7'-2"/7'-6" High.....	2,812.12	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	137.70	

**11 Equipment****11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0350	EA		10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,023.64	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	148.16	
11 41 23 00-0351	EA		11'-7" Length Partition Wall, 7'-2"/7'-6" High.....	3,087.27	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	151.22	
11 41 23 00-0352	EA		12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,388.55	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	166.16	
11 41 23 00-0353	EA		13'-6" Length Partition Wall, 7'-2"/7'-6" High.....	3,254.29	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	159.32	
11 41 23 00-0354	EA		14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,466.84	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	169.83	
11 41 23 00-0355	EA		15'-5" Length Partition Wall, 7'-2"/7'-6" High.....	3,545.75	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	173.66	
11 41 23 00-0356	EA		16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,759.31	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	184.21	
11 41 23 00-0357	EA		17'-4" Length Partition Wall, 7'-2"/7'-6" High.....	4,335.09	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	212.88	
11 41 23 00-0358	EA		5'-10" Length Partition Wall, 8'-2"/8'-6" High.....	2,588.23	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	126.99	
11 41 23 00-0359	EA		6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	2,768.13	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	135.86	
11 41 23 00-0360	EA		7'-9" Length Partition Wall, 8'-2"/8'-6" High.....	2,855.22	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	140.10	
11 41 23 00-0361	EA		8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	3,095.30	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	151.98	
11 41 23 00-0362	EA		9'-8" Length Partition Wall, 8'-2"/8'-6" High.....	3,022.24	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	148.21	
11 41 23 00-0363	EA		10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	3,261.30	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	160.04	
11 41 23 00-0364	EA		11'-7" Length Partition Wall, 8'-2"/8'-6" High.....	3,349.41	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	164.32	
11 41 23 00-0365	EA		12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	3,588.47	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	176.15	
11 41 23 00-0366	EA		13'-6" Length Partition Wall, 8'-2"/8'-6" High.....	3,515.41	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	172.38	
11 41 23 00-0367	EA		14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	3,754.48	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	184.21	
11 41 23 00-0368	EA		15'-5" Length Partition Wall, 8'-2"/8'-6" High.....	3,842.57	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	188.50	
11 41 23 00-0369	EA		16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	4,081.63	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	200.33	
11 41 23 00-0370	EA		17'-4" Length Partition Wall, 8'-2"/8'-6" High.....	4,008.57	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	196.55	
11 41 23 00-0371			<b>Glass Doors For Walk-In Refrigerated Boxes</b> <small>(11 41 23 00-0282)</small>		
			Note: Factory installed, includes lights and 5 tier shelves.		
11 41 23 00-0372	EA		23" x 67" Glass Door, Displayrite, Coolrite Model.....	1,012.86	
11 41 23 00-0373	EA		23" x 73" Glass Door, Displayrite, Coolrite Model.....	1,106.70	
11 41 23 00-0374	EA		30" x 67" Glass Door, Displayrite, Coolrite Model.....	1,115.88	
11 41 23 00-0375	EA		30" x 73" Glass Door, Displayrite, Coolrite Model.....	1,234.20	
11 41 23 00-0376	EA		23" x 67" Glass Door, Displayrite, Freezerite Model.....	1,354.56	
11 41 23 00-0377	EA		23" x 73" Glass Door, Displayrite, Freezerite Model.....	1,440.24	
11 41 23 00-0378	EA		30" x 67" Glass Door, Displayrite, Freezerite Model.....	1,445.34	
11 41 23 00-0379	EA		30" x 73" Glass Door, Displayrite, Freezerite Model.....	1,681.98	
11 41 23 00-0380	EA		24" x 67" Glass Door, Anthony Model 101.....	1,377.00	
11 41 23 00-0381	EA		26" x 67" Glass Door, Anthony Model 101.....	1,705.44	
11 41 23 00-0382	EA		30" x 67" Glass Door, Anthony Model 101.....	1,820.70	
11 41 23 00-0383	EA		30x75 Glass Door, Anthony Model 101.....	1,859.46	
11 41 23 00-0384	EA		24" x 67" Glass Door, Anthony Model 101.....	2,097.12	
11 41 23 00-0385	EA		26" x 67" Glass Door, Anthony Model 101.....	2,327.64	
11 41 23 00-0386	EA		30" x 67" Glass Door, Anthony Model 101.....	2,370.48	
11 41 23 00-0387	EA		30" x 75" Glass Door, Anthony Model 101.....	2,528.58	
11 41 23 00-0388	EA		23" x 67" Glass Door, Anthony Model 401.....	1,087.32	



	<b>Equipment</b>	<b>11</b>	
	Foodservice Equipment	11 40	11
	Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0389	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	1,145.46	
11 41 23 00-0390	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	1,540.20	
11 41 23 00-0391	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	1,320.90	
11 41 23 00-0392	EA		23" x 67" Glass Door, Anthony Model 401.....	1,466.76	
11 41 23 00-0393	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	1,535.10	
11 41 23 00-0394	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	1,540.20	
11 41 23 00-0395	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	1,833.96	
11 41 23 00-0396			<b>Modular Wire Shelving For Walk-In Refrigerated Boxes</b> (11 41 23 00-0282)		
11 41 23 00-0397	EA		14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	350.49	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0398	EA		14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	369.23	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0399	EA		14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	412.45	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0400	EA		14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	435.27	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0401	EA		14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	472.75	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0402	EA		18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	405.95	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0403	EA		18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	415.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0404	EA		18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	459.75	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0405	EA		18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	480.53	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0406	EA		18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	549.63	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0407	EA		21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	443.05	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0408	EA		21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	447.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0409	EA		21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	512.15	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0410	EA		21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	514.57	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0411	EA		21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	593.88	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0412	EA		14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	297.45	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0413	EA		14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	312.11	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0414	EA		14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	343.09	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0415	EA		14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	349.59	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0416	EA		14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	399.31	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0417	EA		18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	328.43	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0418	EA		18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	352.27	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0419	EA		18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	373.05	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0420	EA		18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	377.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0421	EA		18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	446.61	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0422	EA		21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	361.45	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0423	EA		21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	375.09	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0424	EA		21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	403.01	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0425	EA		21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	417.67	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0426	EA		21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	488.82	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0427	EA		14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,649.83	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0428	EA		14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,842.46	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0429	EA		14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,877.67	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0430	EA		14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,912.89	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0431	EA		14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,317.82	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0432	EA		18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,730.96	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0433	EA		18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,838.32	
			<i>For Cantilever Shelving, Add</i>	402.00	

**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0434	EA		18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,037.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0435	EA		18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,118.63	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0436	EA		18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,595.72	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0437	EA		21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	1,871.11	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0438	EA		21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,044.07	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0439	EA		21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,243.25	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0440	EA		21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,324.38	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0441	EA		21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,958.89	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0442	EA		14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	412.83	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0443	EA		14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	445.85	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0444	EA		14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	483.97	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0445	EA		14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	519.03	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0446	EA		14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	562.64	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0447	EA		18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	491.75	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0448	EA		18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	503.35	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0449	EA		18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	556.77	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0450	EA		18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	583.68	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0451	EA		18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	668.08	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0452	EA		21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	537.01	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0453	EA		21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	553.71	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0454	EA		21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	614.28	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0455	EA		21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	626.90	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0456	EA		21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	721.50	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0457	EA		14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	348.57	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0458	EA		14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	366.29	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0459	EA		14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	404.41	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0460	EA		14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	411.93	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0461	EA		14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	472.88	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0462	EA		18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	395.87	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0463	EA		18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	423.79	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0464	EA		18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	485.37	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0465	EA		18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	479.64	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0466	EA		18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	537.52	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0467	EA		21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	436.03	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0468	EA		21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	452.73	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0469	EA		21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	487.80	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0470	EA		21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	504.50	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0471	EA		21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	592.98	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0472	EA		14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts.....	2,014.55	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0473	EA		14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts.....	2,254.73	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0474	EA		14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts.....	2,298.15	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0475	EA		14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts.....	2,341.56	
			<i>For Cantilever Shelving, Add</i>	472.00	



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0476	EA		14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,846.53 472.00	
11 41 23 00-0477	EA		18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,115.36 472.00	
11 41 23 00-0478	EA		18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,248.95 472.00	
11 41 23 00-0479	EA		18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,497.33 472.00	
11 41 23 00-0480	EA		18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,598.15 472.00	
11 41 23 00-0481	EA		18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	3,193.29 472.00	
11 41 23 00-0482	EA		21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,289.95 472.00	
11 41 23 00-0483	EA		21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,505.53 472.00	
11 41 23 00-0484	EA		21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,753.92 472.00	
11 41 23 00-0485	EA		21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	2,854.73 472.00	
11 41 23 00-0486	EA		21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts..... <i>For Cantilever Shelving, Add</i>	3,646.64 472.00	
<b>11 41 31 Non-Refrigerated Storage Equipment (11 41)</b>					
<b>11 41 31 00-0001 Wall Cabinets (11 41 31)</b>					
11 41 31 00-0002	EA		48" Wall Cabinet With Sliding Doors..... Note: 15" deep and 24" high.	1,673.20	37.33
11 41 31 00-0003	EA		72" Wall Cabinet With Sliding Doors..... Note: 15" deep and 24" high.	2,207.76	49.28
11 41 31 00-0004	EA		72" Wall Cabinet With Hinged Doors..... Note: 15" deep and 24" high.	2,534.11	56.49
11 41 31 00-0005	EA		72" Wall Cabinet With Open Shelves..... Note: 15" deep and 24" high.	1,621.93	36.04
<b>11 41 31 00-0006 Mobile Sheet Pan Truck (11 41 31)</b>					
11 41 31 00-0007	EA		2 Level Mobile Sheet Pan Truck.....	158.27	4.22
<b>11 41 31 00-0008 Pot And Utensil Rack (11 41 31)</b>					
11 41 31 00-0009	EA		70" Bench Type Pot And Utensil Rack.....	461.49	12.88
11 41 31 00-0010	EA		94" Bench Type Pot And Utensil Rack.....	534.98	14.55
11 41 31 00-0011	EA		94" Ceiling Type Pot And Utensil Rack.....	636.00	17.43
11 41 31 00-0012	EA		96" Wall Type Pot And Utensil Rack.....	345.86	9.52
<b>11 41 31 00-0013 Tray And Silverware Cart (11 41 31)</b>					
11 41 31 00-0014	EA		33" x 22-1/2" x 42" Tray And Silverware Cart.....	1,596.63	43.45
<b>11 41 31 00-0015 Flat Top Utility Units (11 41 31)</b>					
11 41 31 00-0016	EA		39" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,088.57	29.70
11 41 31 00-0017	EA		79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,458.79	39.69
<b>11 41 33 Foodservice Shelving (11 41)</b>					
<b>11 41 33 00-0001 Shelving/Racks (11 41 33)</b>					
<b>11 41 33 00-0002 Chrome Shelving Units (11 41 33 00-0001)</b>					
<b>11 41 33 00-0003 54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)</b>					
11 41 33 00-0004	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	147.68	15.68
11 41 33 00-0005	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	155.94	15.82
11 41 33 00-0006	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	166.19	15.94
11 41 33 00-0007	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	172.51	16.07
11 41 33 00-0008	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	184.68	16.20
11 41 33 00-0009	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	194.97	16.33
11 41 33 00-0010	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	203.24	16.46
11 41 33 00-0011	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	221.74	16.72
11 41 33 00-0012	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	161.84	15.82
11 41 33 00-0013	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	168.16	15.94
11 41 33 00-0014	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	174.49	16.07
11 41 33 00-0015	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	192.60	16.20
11 41 33 00-0016	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	204.82	16.33
11 41 33 00-0017	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	220.97	16.46
11 41 33 00-0018	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	227.25	16.59
11 41 33 00-0019	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	249.75	16.85
11 41 33 00-0020	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	170.14	15.94
11 41 33 00-0021	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	184.30	16.07

**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0022	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	194.58	16.20
11 41 33 00-0023	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	206.76	16.33
11 41 33 00-0024	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	215.07	16.46
11 41 33 00-0025	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	235.17	16.59
11 41 33 00-0026	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	245.40	16.72
11 41 33 00-0027	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	271.82	16.98
11 41 33 00-0028	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	188.30	16.07
11 41 33 00-0029	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	196.56	16.20
11 41 33 00-0030	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	202.84	16.33
11 41 33 00-0031	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	219.03	16.46
11 41 33 00-0032	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	229.27	16.59
11 41 33 00-0033	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	249.36	16.72
11 41 33 00-0034	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	263.52	16.85
11 41 33 00-0035	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	297.85	17.10
11 41 33 00-0036	EA		30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	251.76	16.20
11 41 33 00-0037	EA		30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	283.64	16.33
11 41 33 00-0038	EA		30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	303.79	16.46
11 41 33 00-0039	EA		30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	349.53	16.59
11 41 33 00-0040	EA		36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	278.92	16.72
11 41 33 00-0041	EA		36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	308.91	16.85
11 41 33 00-0042	EA		36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	346.70	16.98
11 41 33 00-0043	EA		36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit .....	407.89	17.23
<b>11 41 33 00-0044</b>			<b>63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit</b> <small>(11 41 33 00-0002)</small>		
11 41 33 00-0045	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	149.62	15.68
11 41 33 00-0046	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	157.88	15.82
11 41 33 00-0047	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	168.12	15.94
11 41 33 00-0048	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	174.45	16.07
11 41 33 00-0049	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	186.62	16.20
11 41 33 00-0050	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	196.90	16.33
11 41 33 00-0051	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	205.18	16.46
11 41 33 00-0052	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	223.67	16.72
11 41 33 00-0053	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	163.77	15.82
11 41 33 00-0054	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	170.10	15.94
11 41 33 00-0055	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	176.43	16.07
11 41 33 00-0056	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	194.53	16.20
11 41 33 00-0057	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	206.76	16.33
11 41 33 00-0058	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	222.90	16.46
11 41 33 00-0059	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	229.19	16.59
11 41 33 00-0060	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	232.53	16.85
11 41 33 00-0061	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	172.08	15.94
11 41 33 00-0062	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	186.24	16.07
11 41 33 00-0063	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	196.51	16.20
11 41 33 00-0064	EA		21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	208.69	16.33
11 41 33 00-0065	EA		21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	217.01	16.46
11 41 33 00-0066	EA		21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	237.10	16.59
11 41 33 00-0067	EA		21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	247.34	16.72
11 41 33 00-0068	EA		21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	273.76	16.98
11 41 33 00-0069	EA		24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	190.24	16.07
11 41 33 00-0070	EA		24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	198.49	16.20
11 41 33 00-0071	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	204.78	16.33
11 41 33 00-0072	EA		24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	220.97	16.46
11 41 33 00-0073	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	231.21	16.59
11 41 33 00-0074	EA		24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	251.29	16.72
11 41 33 00-0075	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	265.45	16.85
11 41 33 00-0076	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	299.79	17.10
11 41 33 00-0077	EA		30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	253.69	16.20
11 41 33 00-0078	EA		30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	285.58	16.33
11 41 33 00-0079	EA		30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	305.72	16.46
11 41 33 00-0080	EA		30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	351.46	16.59
11 41 33 00-0081	EA		36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	280.85	16.72
11 41 33 00-0082	EA		36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	310.84	16.85
11 41 33 00-0083	EA		36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	348.66	16.98
11 41 33 00-0084	EA		36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit .....	409.82	17.23
<b>11 41 33 00-0085</b>			<b>66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit</b> <small>(11 41 33 00-0002)</small>		
11 41 33 00-0086	EA		14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	150.63	15.68
11 41 33 00-0087	EA		14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	158.89	15.82
11 41 33 00-0088	EA		14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	169.13	15.94
11 41 33 00-0089	EA		14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	175.46	16.07
11 41 33 00-0090	EA		14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	187.63	16.20
11 41 33 00-0091	EA		14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	197.91	16.33
11 41 33 00-0092	EA		14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	206.19	16.46
11 41 33 00-0093	EA		14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	224.68	16.72
11 41 33 00-0094	EA		18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	164.79	15.82
11 41 33 00-0095	EA		18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	171.11	15.94
11 41 33 00-0096	EA		18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	177.44	16.07
11 41 33 00-0097	EA		18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	195.55	16.20
11 41 33 00-0098	EA		18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit .....	207.77	16.33





<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	↑
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0099	EA		18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	223.91	16.46
11 41 33 00-0100	EA		18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	230.20	16.59
11 41 33 00-0101	EA		18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	252.70	16.85
11 41 33 00-0102	EA		21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	173.09	15.94
11 41 33 00-0103	EA		21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	187.25	16.07
11 41 33 00-0104	EA		21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	197.52	16.20
11 41 33 00-0105	EA		21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	209.70	16.33
11 41 33 00-0106	EA		21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	218.02	16.46
11 41 33 00-0107	EA		21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	238.11	16.59
11 41 33 00-0108	EA		21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	248.35	16.72
11 41 33 00-0109	EA		21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	274.77	16.98
11 41 33 00-0110	EA		24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	191.25	16.07
11 41 33 00-0111	EA		24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	199.50	16.20
11 41 33 00-0112	EA		24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	205.79	16.33
11 41 33 00-0113	EA		24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	221.98	16.46
11 41 33 00-0114	EA		24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	232.22	16.59
11 41 33 00-0115	EA		24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	252.31	16.72
11 41 33 00-0116	EA		24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	266.46	16.85
11 41 33 00-0117	EA		24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	300.80	17.10
11 41 33 00-0118	EA		30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	254.70	16.20
11 41 33 00-0119	EA		30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	286.59	16.33
11 41 33 00-0120	EA		30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	306.74	16.46
11 41 33 00-0121	EA		30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	352.47	16.59
11 41 33 00-0122	EA		36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	281.86	16.72
11 41 33 00-0123	EA		36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	311.85	16.85
11 41 33 00-0124	EA		36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	349.66	16.98
11 41 33 00-0125	EA		36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit.....	410.83	17.23
<b>11 41 33 00-0126</b>			<b>74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)</b>		
11 41 33 00-0127	EA		14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	153.57	15.68
11 41 33 00-0128	EA		14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	161.84	15.82
11 41 33 00-0129	EA		14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	172.08	15.94
11 41 33 00-0130	EA		14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	178.41	16.07
11 41 33 00-0131	EA		14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	190.58	16.20
11 41 33 00-0132	EA		14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	200.86	16.33
11 41 33 00-0133	EA		14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	209.14	16.46
11 41 33 00-0134	EA		14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	227.63	16.72
11 41 33 00-0135	EA		18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	167.73	15.82
11 41 33 00-0136	EA		18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	174.06	15.94
11 41 33 00-0137	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	180.39	16.07
11 41 33 00-0138	EA		18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	198.49	16.20
11 41 33 00-0139	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	210.71	16.33
11 41 33 00-0140	EA		18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	226.86	16.46
11 41 33 00-0141	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	233.15	16.59
11 41 33 00-0142	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	255.64	16.85
11 41 33 00-0143	EA		21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	176.04	15.94
11 41 33 00-0144	EA		21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	190.20	16.07
11 41 33 00-0145	EA		21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	200.47	16.20
11 41 33 00-0146	EA		21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	212.65	16.33
11 41 33 00-0147	EA		21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	220.97	16.46
11 41 33 00-0148	EA		21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	241.06	16.59
11 41 33 00-0149	EA		21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	251.29	16.72
11 41 33 00-0150	EA		21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	277.72	16.98
11 41 33 00-0151	EA		24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	194.20	16.07
11 41 33 00-0152	EA		24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	202.45	16.20
11 41 33 00-0153	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	208.74	16.33
11 41 33 00-0154	EA		24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	224.92	16.46
11 41 33 00-0155	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	235.17	16.59
11 41 33 00-0156	EA		24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	255.25	16.72
11 41 33 00-0157	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	269.41	16.85
11 41 33 00-0158	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	303.75	17.10
11 41 33 00-0159	EA		30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	257.65	16.20
11 41 33 00-0160	EA		30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	289.54	16.33
11 41 33 00-0161	EA		30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	309.68	16.46
11 41 33 00-0162	EA		30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	355.42	16.59
11 41 33 00-0163	EA		36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	284.81	16.72
11 41 33 00-0164	EA		36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	314.80	16.85
11 41 33 00-0165	EA		36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	352.62	16.98
11 41 33 00-0166	EA		36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	413.78	17.23
<b>11 41 33 00-0167</b>			<b>86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)</b>		
11 41 33 00-0168	EA		14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	161.45	15.68
11 41 33 00-0169	EA		14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	169.71	15.82
11 41 33 00-0170	EA		14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	179.95	15.94
11 41 33 00-0171	EA		14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	186.28	16.07
11 41 33 00-0172	EA		14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	198.45	16.20
11 41 33 00-0173	EA		14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	208.74	16.33
11 41 33 00-0174	EA		14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	217.01	16.46
11 41 33 00-0175	EA		14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	235.51	16.72

**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0176	EA		18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	175.61	15.82
11 41 33 00-0177	EA		18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	181.93	15.94
11 41 33 00-0178	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	188.26	16.07
11 41 33 00-0179	EA		18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	206.37	16.20
11 41 33 00-0180	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	218.59	16.33
11 41 33 00-0181	EA		18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	234.74	16.46
11 41 33 00-0182	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	241.02	16.59
11 41 33 00-0183	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	263.52	16.85
11 41 33 00-0184	EA		21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	183.91	15.94
11 41 33 00-0185	EA		21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	198.07	16.07
11 41 33 00-0186	EA		21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	208.35	16.20
11 41 33 00-0187	EA		21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	220.52	16.33
11 41 33 00-0188	EA		21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	228.84	16.46
11 41 33 00-0189	EA		21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	248.94	16.59
11 41 33 00-0190	EA		21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	259.17	16.72
11 41 33 00-0191	EA		21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	285.59	16.98
11 41 33 00-0192	EA		24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	202.07	16.07
11 41 33 00-0193	EA		24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	210.32	16.20
11 41 33 00-0194	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	216.61	16.33
11 41 33 00-0195	EA		24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	232.80	16.46
11 41 33 00-0196	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	243.04	16.59
11 41 33 00-0197	EA		24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	263.13	16.72
11 41 33 00-0198	EA		24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	277.28	16.85
11 41 33 00-0199	EA		24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	311.62	17.10
11 41 33 00-0200	EA		30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	265.52	16.20
11 41 33 00-0201	EA		30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	297.41	16.33
11 41 33 00-0202	EA		30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	317.56	16.46
11 41 33 00-0203	EA		30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	363.29	16.59
11 41 33 00-0204	EA		36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	292.68	16.72
11 41 33 00-0205	EA		36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	322.67	16.85
11 41 33 00-0206	EA		36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	360.50	16.98
11 41 33 00-0207	EA		36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	421.65	17.23
<b>11 41 33 00-0208</b>			<b>96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit <small>(11 41 33 00-0002)</small></b>		
11 41 33 00-0209	EA		14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	190.53	15.68
11 41 33 00-0210	EA		14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	200.76	15.82
11 41 33 00-0211	EA		14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	213.47	15.94
11 41 33 00-0212	EA		14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	221.28	16.07
11 41 33 00-0213	EA		14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	236.40	16.20
11 41 33 00-0214	EA		14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	249.16	16.33
11 41 33 00-0215	EA		14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	259.40	16.46
11 41 33 00-0216	EA		14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	282.33	16.72
11 41 33 00-0217	EA		18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	208.13	15.82
11 41 33 00-0218	EA		18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	215.94	15.94
11 41 33 00-0219	EA		18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	223.75	16.07
11 41 33 00-0220	EA		18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	246.29	16.20
11 41 33 00-0221	EA		18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	261.47	16.33
11 41 33 00-0222	EA		18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	281.56	16.46
11 41 33 00-0223	EA		18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	289.31	16.59
11 41 33 00-0224	EA		18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	317.24	16.85
11 41 33 00-0225	EA		21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	218.42	15.94
11 41 33 00-0226	EA		21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	236.02	16.07
11 41 33 00-0227	EA		21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	248.77	16.20
11 41 33 00-0228	EA		21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	263.89	16.33
11 41 33 00-0229	EA		21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	274.19	16.46
11 41 33 00-0230	EA		21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	299.21	16.59
11 41 33 00-0231	EA		21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	311.91	16.72
11 41 33 00-0232	EA		21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	344.74	16.98
11 41 33 00-0233	EA		24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	241.02	16.07
11 41 33 00-0234	EA		24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	251.24	16.20
11 41 33 00-0235	EA		24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	259.00	16.33
11 41 33 00-0236	EA		24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	279.14	16.46
11 41 33 00-0237	EA		24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	291.84	16.59
11 41 33 00-0238	EA		24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	316.85	16.72
11 41 33 00-0239	EA		24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	334.45	16.85
11 41 33 00-0240	EA		24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	377.18	17.10
11 41 33 00-0241	EA		30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	320.24	16.20
11 41 33 00-0242	EA		30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	360.00	16.33
11 41 33 00-0243	EA		30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	385.08	16.46
11 41 33 00-0244	EA		30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	442.16	16.59
11 41 33 00-0245	EA		36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	353.80	16.72
11 41 33 00-0246	EA		36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	391.19	16.85
11 41 33 00-0247	EA		36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	438.37	16.98
11 41 33 00-0248	EA		36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	514.62	17.23
<b>11 41 33 00-0249</b>			<b>Galvanized Shelving Units <small>(11 41 33 00-0001)</small></b>		
<b>11 41 33 00-0250</b>			<b>54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small></b>		
11 41 33 00-0251	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	167.34	15.68



<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	↑
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0252	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	176.15	15.82
11 41 33 00-0253	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	187.11	15.94
11 41 33 00-0254	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	195.92	16.07
11 41 33 00-0255	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	208.98	16.20
11 41 33 00-0256	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	219.89	16.33
11 41 33 00-0257	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	230.86	16.46
11 41 33 00-0258	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	248.47	16.72
11 41 33 00-0259	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	182.47	15.82
11 41 33 00-0260	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	189.22	15.94
11 41 33 00-0261	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	202.24	16.07
11 41 33 00-0262	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	217.40	16.20
11 41 33 00-0263	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	230.46	16.33
11 41 33 00-0264	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	247.70	16.46
11 41 33 00-0265	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	260.77	16.59
11 41 33 00-0266	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	280.56	16.85
11 41 33 00-0267	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	191.32	15.94
11 41 33 00-0268	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	208.60	16.07
11 41 33 00-0269	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	219.50	16.20
11 41 33 00-0270	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	232.57	16.33
11 41 33 00-0271	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	241.39	16.46
11 41 33 00-0272	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	264.98	16.59
11 41 33 00-0273	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	275.93	16.72
11 41 33 00-0274	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	308.33	16.98
11 41 33 00-0275	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	212.81	16.07
11 41 33 00-0276	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	221.61	16.20
11 41 33 00-0277	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	228.36	16.33
11 41 33 00-0278	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	245.60	16.46
11 41 33 00-0279	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	264.98	16.59
11 41 33 00-0280	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	286.45	16.72
11 41 33 00-0281	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	303.73	16.85
11 41 33 00-0282	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	342.49	17.10
<b>11 41 33 00-0283</b>			<b>63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0284	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	171.55	15.68
11 41 33 00-0285	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	180.36	15.82
11 41 33 00-0286	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	191.32	15.94
11 41 33 00-0287	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	200.13	16.07
11 41 33 00-0288	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	213.19	16.20
11 41 33 00-0289	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	224.10	16.33
11 41 33 00-0290	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	235.07	16.46
11 41 33 00-0291	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	252.68	16.72
11 41 33 00-0292	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	186.68	15.82
11 41 33 00-0293	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	193.43	15.94
11 41 33 00-0294	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	206.45	16.07
11 41 33 00-0295	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	221.61	16.20
11 41 33 00-0296	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	234.67	16.33
11 41 33 00-0297	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	251.91	16.46
11 41 33 00-0298	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	264.98	16.59
11 41 33 00-0299	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	284.74	16.85
11 41 33 00-0300	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	195.53	15.94
11 41 33 00-0301	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	212.81	16.07
11 41 33 00-0302	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	223.71	16.20
11 41 33 00-0303	EA		21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	236.78	16.33
11 41 33 00-0304	EA		21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	245.60	16.46
11 41 33 00-0305	EA		21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	269.19	16.59
11 41 33 00-0306	EA		21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	280.14	16.72
11 41 33 00-0307	EA		21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	312.54	16.98
11 41 33 00-0308	EA		24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	217.02	16.07
11 41 33 00-0309	EA		24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	225.82	16.20
11 41 33 00-0310	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	232.57	16.33
11 41 33 00-0311	EA		24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	249.81	16.46
11 41 33 00-0312	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	269.19	16.59
11 41 33 00-0313	EA		24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	290.66	16.72
11 41 33 00-0314	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	307.94	16.85
11 41 33 00-0315	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	346.70	17.10
<b>11 41 33 00-0316</b>			<b>74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0317	EA		14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	175.76	15.68
11 41 33 00-0318	EA		14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	184.57	15.82
11 41 33 00-0319	EA		14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	195.53	15.94
11 41 33 00-0320	EA		14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	204.34	16.07
11 41 33 00-0321	EA		14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	217.40	16.20
11 41 33 00-0322	EA		14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	228.31	16.33
11 41 33 00-0323	EA		14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	239.28	16.46
11 41 33 00-0324	EA		14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	256.89	16.72
11 41 33 00-0325	EA		18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	190.89	15.82
11 41 33 00-0326	EA		18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	197.64	15.94
11 41 33 00-0327	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	210.66	16.07
11 41 33 00-0328	EA		18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	225.82	16.20

**11 Equipment****11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0329	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	238.88	16.33
11 41 33 00-0330	EA		18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	256.12	16.46
11 41 33 00-0331	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	269.19	16.59
11 41 33 00-0332	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	288.95	16.85
11 41 33 00-0333	EA		21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	199.74	15.94
11 41 33 00-0334	EA		21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	217.02	16.07
11 41 33 00-0335	EA		21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	227.92	16.20
11 41 33 00-0336	EA		21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	240.99	16.33
11 41 33 00-0337	EA		21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	249.81	16.46
11 41 33 00-0338	EA		21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	273.40	16.59
11 41 33 00-0339	EA		21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	284.35	16.72
11 41 33 00-0340	EA		21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	316.75	16.98
11 41 33 00-0341	EA		24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	221.23	16.07
11 41 33 00-0342	EA		24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	230.03	16.20
11 41 33 00-0343	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	236.78	16.33
11 41 33 00-0344	EA		24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	254.02	16.46
11 41 33 00-0345	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	273.40	16.59
11 41 33 00-0346	EA		24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	294.87	16.72
11 41 33 00-0347	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	312.15	16.85
11 41 33 00-0348	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	350.91	17.10
<b>11 41 33 00-0349</b>			<b>86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0350	EA		14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	186.33	15.68
11 41 33 00-0351	EA		14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	195.14	15.82
11 41 33 00-0352	EA		14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	206.10	15.94
11 41 33 00-0353	EA		14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	214.91	16.07
11 41 33 00-0354	EA		14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	227.97	16.20
11 41 33 00-0355	EA		14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	238.88	16.33
11 41 33 00-0356	EA		14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	249.85	16.46
11 41 33 00-0357	EA		14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	267.46	16.72
11 41 33 00-0358	EA		18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	201.46	15.82
11 41 33 00-0359	EA		18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	208.21	15.94
11 41 33 00-0360	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	221.23	16.07
11 41 33 00-0361	EA		18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	236.39	16.20
11 41 33 00-0362	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	249.45	16.33
11 41 33 00-0363	EA		18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	266.69	16.46
11 41 33 00-0364	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	279.76	16.59
11 41 33 00-0365	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	299.52	16.85
11 41 33 00-0366	EA		21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	210.31	15.94
11 41 33 00-0367	EA		21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	227.59	16.07
11 41 33 00-0368	EA		21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	238.49	16.20
11 41 33 00-0369	EA		21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	251.56	16.33
11 41 33 00-0370	EA		21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	260.38	16.46
11 41 33 00-0371	EA		21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	283.97	16.59
11 41 33 00-0372	EA		21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	294.92	16.72
11 41 33 00-0373	EA		21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	327.32	16.98
11 41 33 00-0374	EA		24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	231.80	16.07
11 41 33 00-0375	EA		24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	240.60	16.20
11 41 33 00-0376	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	247.35	16.33
11 41 33 00-0377	EA		24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	264.59	16.46
11 41 33 00-0378	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	283.97	16.59
11 41 33 00-0379	EA		24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	305.44	16.72
11 41 33 00-0380	EA		24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	322.72	16.85
11 41 33 00-0381	EA		24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	361.48	17.10
<b>11 41 33 00-0382</b>			<b>54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0383	EA		18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	322.49	16.07
11 41 33 00-0384	EA		18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	354.92	16.33
11 41 33 00-0385	EA		18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	397.90	16.59
11 41 33 00-0386	EA		18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	423.98	16.85
11 41 33 00-0387	EA		24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	352.78	16.33
11 41 33 00-0388	EA		24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	408.43	16.59
11 41 33 00-0389	EA		24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	451.39	16.85
11 41 33 00-0390	EA		24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	515.45	17.10
<b>11 41 33 00-0391</b>			<b>63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0392	EA		18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	326.70	16.07
11 41 33 00-0393	EA		18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	359.14	16.33
11 41 33 00-0394	EA		18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	402.11	16.59
11 41 33 00-0395	EA		18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	428.19	16.85
11 41 33 00-0396	EA		24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	356.99	16.33
11 41 33 00-0397	EA		24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	412.64	16.59
11 41 33 00-0398	EA		24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	455.60	16.85
11 41 33 00-0399	EA		24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	519.66	17.10
<b>11 41 33 00-0400</b>			<b>74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		



<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	11
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0401	EA		18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	330.91	16.07
11 41 33 00-0402	EA		18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	363.35	16.33
11 41 33 00-0403	EA		18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	406.33	16.59
11 41 33 00-0404	EA		18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	432.40	16.85
11 41 33 00-0405	EA		24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	361.20	16.33
11 41 33 00-0406	EA		24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	416.85	16.59
11 41 33 00-0407	EA		24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	459.81	16.85
11 41 33 00-0408	EA		24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	523.88	17.10
<b>11 41 33 00-0409</b>			<b>86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)</b>		
11 41 33 00-0410	EA		18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	341.48	16.07
11 41 33 00-0411	EA		18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	373.91	16.33
11 41 33 00-0412	EA		18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	416.89	16.59
11 41 33 00-0413	EA		18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	442.97	16.85
11 41 33 00-0414	EA		24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	371.77	16.33
11 41 33 00-0415	EA		24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	427.42	16.59
11 41 33 00-0416	EA		24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	470.38	16.85
11 41 33 00-0417	EA		24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	534.44	17.10
<b>11 41 33 00-0418</b>			<b>Stainless Steel Shelving Unit (11 41 33 00-0001)</b>		
<b>11 41 33 00-0419</b>			<b>63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		
11 41 33 00-0420	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	573.52	16.07
11 41 33 00-0421	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	673.45	16.33
11 41 33 00-0422	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	799.91	16.59
11 41 33 00-0423	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	932.36	16.85
11 41 33 00-0424	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	681.87	16.33
11 41 33 00-0425	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	796.60	16.59
11 41 33 00-0426	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	947.14	16.85
11 41 33 00-0427	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,146.19	17.10
<b>11 41 33 00-0428</b>			<b>74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		
11 41 33 00-0429	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	594.62	16.07
11 41 33 00-0430	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	694.55	16.33
11 41 33 00-0431	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	824.01	16.59
11 41 33 00-0432	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	953.45	16.85
11 41 33 00-0433	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	702.97	16.33
11 41 33 00-0434	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	817.69	16.59
11 41 33 00-0435	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	968.23	16.85
11 41 33 00-0436	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,167.29	17.10
<b>11 41 33 00-0437</b>			<b>86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		
11 41 33 00-0438	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	615.71	16.07
11 41 33 00-0439	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	715.64	16.33
11 41 33 00-0440	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	845.10	16.59
11 41 33 00-0441	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	974.55	16.85
11 41 33 00-0442	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	724.06	16.33
11 41 33 00-0443	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	838.79	16.59
11 41 33 00-0444	EA		24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	989.33	16.85
11 41 33 00-0445	EA		24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,188.38	17.10
<b>11 41 33 00-0446</b>			<b>63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		
11 41 33 00-0447	EA		18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	687.46	16.07
11 41 33 00-0448	EA		18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	760.93	16.33
11 41 33 00-0449	EA		18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	858.55	16.59
11 41 33 00-0450	EA		18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	917.42	16.85
11 41 33 00-0451	EA		24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	825.32	16.33
11 41 33 00-0452	EA		24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	973.78	16.59
11 41 33 00-0453	EA		24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,081.99	16.85
11 41 33 00-0454	EA		24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,243.92	17.10
<b>11 41 33 00-0455</b>			<b>74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		
11 41 33 00-0456	EA		18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	708.55	16.07
11 41 33 00-0457	EA		18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	783.30	16.33
11 41 33 00-0458	EA		18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	882.65	16.59
11 41 33 00-0459	EA		18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	942.52	16.85
11 41 33 00-0460	EA		24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	846.42	16.33
11 41 33 00-0461	EA		24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	994.87	16.59
11 41 33 00-0462	EA		24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,104.27	16.85
11 41 33 00-0463	EA		24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit.....	1,268.02	17.10
<b>11 41 33 00-0464</b>			<b>86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)</b>		

<b>11</b>	<b>Equipment</b>
<b>11 40</b>	<b>Foodservice Equipment</b>
<b>11 41</b>	<b>Foodservice Storage Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0465	EA		18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	729.65	16.07
11 41 33 00-0466	EA		18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	803.99	16.33
11 41 33 00-0467	EA		18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	902.82	16.59
11 41 33 00-0468	EA		18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	962.41	16.85
11 41 33 00-0469	EA		24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	867.51	16.33
11 41 33 00-0470	EA		24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	1,015.97	16.59
11 41 33 00-0471	EA		24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	1,124.69	16.85
11 41 33 00-0472	EA		24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit .....	1,287.38	17.10
<b>11 41 33 00-0473</b>			<b>Galvanized Steel Dunnage Rack</b> <small>(11 41 33 00-0001)</small>		
11 41 33 00-0474	EA		18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	126.02	11.56
11 41 33 00-0475	EA		18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	132.98	11.88
11 41 33 00-0476	EA		18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	140.96	12.20
11 41 33 00-0477	EA		18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	155.93	12.52
11 41 33 00-0478	EA		18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	168.91	12.84
11 41 33 00-0479	EA		24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	136.02	11.56
11 41 33 00-0480	EA		24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	148.98	11.88
11 41 33 00-0481	EA		24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	156.96	12.20
11 41 33 00-0482	EA		24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	170.93	12.52
11 41 33 00-0483	EA		24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack .....	186.91	12.84
<b>11 41 33 00-0484</b>			<b>Stainless Steel Dunnage Rack</b> <small>(11 41 33 00-0001)</small>		
11 41 33 00-0485	EA		18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack .....	349.37	12.20
11 41 33 00-0486	EA		18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack .....	439.66	12.52
11 41 33 00-0487	EA		18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack .....	747.92	12.84
11 41 33 00-0488	EA		24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack .....	382.81	12.20
11 41 33 00-0489	EA		24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack .....	478.38	12.52
11 41 33 00-0490	EA		24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack .....	816.26	12.84
<b>11 41 33 00-0491</b>			<b>Mobile Racks</b> <small>(11 41 33 00-0001)</small>		
11 41 33 00-0492	EA		Mobile Rack With Pan Slide.....	1,349.40	19.45
<b>11 41 33 00-0493</b>			<b>Can Racks</b> <small>(11 41 33 00-0001)</small>		
11 41 33 00-0494	EA		27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack .....	1,996.33	19.45
			Note: 156 #10 cans capacity		
<b>11 42</b>			<b>Food Preparation Equipment</b> <small>(11 40)</small>		
<b>11 42 13</b>			<b>Food Preparation Appliances</b> <small>(11 42)</small>		
<b>11 42 13 00-0001</b>			<b>Vertical Cutter Mixers</b> <small>(11 42 13)</small>		
11 42 13 00-0002	EA		Bench Type Mixers, 25 Quart .....	8,027.71	138.24
11 42 13 00-0003	EA		Bench Type Mixers, 40 Quart .....	9,233.37	138.24
11 42 13 00-0004	EA		Bench Type Mixers, 80 Quart .....	11,537.09	237.77
11 42 13 00-0005	EA		Bench Type Mixers, 130 Quart .....	13,005.35	387.07
<b>11 42 13 00-0006</b>			<b>Choppers</b> <small>(11 42 13)</small>		
11 42 13 00-0007	EA		Choppers, 5 LB.....	1,974.56	110.59
11 42 13 00-0008	EA		Choppers, 16 LB.....	2,900.36	143.77
11 42 13 00-0009	EA		Choppers, 35 LB - 40 LB .....	5,657.98	176.95
11 42 13 00-0010	EA		Choppers, 35 LB - 40 LB/Min, 2 HP.....	4,706.83	157.20
11 42 13 00-0011	EA		Choppers, 35 LB - 40 LB/Min, 3 HP.....	5,348.03	157.20
<b>11 42 13 00-0012</b>			<b>Floor Model Mixer</b> <small>(11 42 13)</small>		
11 42 13 00-0013	EA		Floor Type Mixers, 20 Quart .....	3,837.63	82.95
11 42 13 00-0014	EA		Floor Type Mixers, 60 Quart .....	9,490.53	55.29
11 42 13 00-0015	EA		Floor Type Mixers, 80 Quart .....	14,996.74	55.29
11 42 13 00-0016	EA		Floor Type Mixers, 140 Quart .....	19,001.84	88.47
<b>11 42 13 00-0017</b>			<b>Slicers</b> <small>(11 42 13)</small>		
11 42 13 00-0018	EA		Slicer With Table.....	3,180.61	79.85
<b>11 42 13 00-0019</b>			<b>Peelers</b> <small>(11 42 13)</small>		
11 42 13 00-0020	EA		Small Peeler.....	2,160.61	89.85
11 42 13 00-0021	EA		Large Peeler .....	2,273.58	119.83
<b>11 42 13 00-0022</b>			<b>Proof Boxes</b> <small>(11 42 13)</small>		
11 42 13 00-0023	EA		30-1/2" x 22-1/2", Stainless Steel Proof Box.....	1,117.16	43.45
11 42 13 00-0024	EA		30-1/2" x 45", Stainless Steel Proof Box.....	1,869.47	72.81



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Food Preparation Equipment	11 42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0025 EA 30-1/2" x 45", Galvanized Proof Box.....	1,673.68	33.05
<b>11 42 13 00-0026 Non-Insulated Heated Proof Cabinet (11 42 13)</b>		
11 42 13 00-0027 EA Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	1,522.92	41.64
11 42 13 00-0028 EA Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,633.75	44.52
11 42 13 00-0029 EA Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	1,512.59	41.30
11 42 13 00-0030 EA Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,603.14	43.78
<b>11 42 13 00-0031 Insulated Heated Proof Cabinet (11 42 13)</b>		
11 42 13 00-0032 EA 3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	2,448.63	54.68
11 42 13 00-0033 EA 3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	2,558.84	57.17
<b>11 42 13 00-0034 Pass-Thru Hot Food Holding Cabinet (11 42 13)</b>		
11 42 13 00-0035 EA Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	3,760.50	116.12
11 42 13 00-0036 EA Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	4,000.60	116.12
11 42 13 00-0037 EA Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	5,107.47	121.65
11 42 13 00-0038 EA Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	5,597.91	121.65
<b>11 42 16 Food Preparation Surfaces (11 42)</b>		
<b>11 42 16 00-0001 Tables (11 42 16)</b>		
<b>11 42 16 00-0002 Baker's Table (11 42 16 00-0001)</b>		
11 42 16 00-0003 EA 4' Open Base Baker's Table.....	724.59	24.38
11 42 16 00-0004 EA 10' Open Base Baker's Table.....	1,422.13	47.80
11 42 16 00-0005 EA 10' Undershelf Baker's Table.....	1,754.68	58.98
11 42 16 00-0006 EA 10' Three Drawers Baker's Table.....	1,881.88	63.33
11 42 16 00-0007 EA 10' Bins Baker's Table.....	2,768.74	93.21
11 42 16 00-0008 EA 10' Bins And Drawers Baker's Table.....	4,347.76	146.30
<b>11 42 16 00-0009 Preparation Table, Stainless Steel, With Undershelf (11 42 16 00-0001)</b>		
11 42 16 00-0010 EA 30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf.....	403.58	12.85
11 42 16 00-0011 EA 30" x 72" Marine Edge Stainless Steel Preparation Table With Undershelf.....	435.38	15.44
11 42 16 00-0012 EA 36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf.....	657.42	20.98
<b>11 42 16 00-0013 Preparation Table, Stainless Steel, With Open Front (11 42 16 00-0001)</b>		
11 42 16 00-0014 EA 30" X 72" Round Edge Stainless Steel Preparation Table With Open Front.....	424.96	13.52
11 42 16 00-0015 EA 36" X 96" Round Edge Stainless Steel Preparation Table With Open Front.....	546.19	17.40
11 42 16 00-0016 EA 36" X 96" Square Edge Stainless Steel Preparation Table With Open Front.....	469.17	14.96
11 42 16 00-0017 EA 36" X 96" Marine Edge Stainless Steel Preparation Table With Open Front.....	564.73	18.02
11 42 16 00-0018 EA Roller Utility Drawers Stainless Steel Preparation Table With Open Front.....	114.08	3.63
<b>11 42 16 00-0019 Mobile Tables (11 42 16 00-0001)</b>		
11 42 16 00-0020 EA 21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	1,594.56	11.52
11 42 16 00-0021 EA 32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	858.57	13.81
11 42 16 00-0022 EA 32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top.....	486.31	15.53
<b>11 42 16 00-0023 Hot Food Tables, Stainless Steel, Gas Or Electric (11 42 16 00-0001)</b>		
11 42 16 00-0024 EA 32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables.....	868.53	27.72
11 42 16 00-0025 EA 32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables.....	704.48	22.47
11 42 16 00-0026 EA Full Size Pan With Cover Stainless Steel Hot Food Tables.....	58.47	1.86
11 42 16 00-0027 EA Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables.....	85.55	2.73
11 42 16 00-0028 EA 58-1/2", 4 Openings Stainless Steel Hot Food Tables.....	1,744.05	68.05
11 42 16 00-0029 EA 114-1/2", 8 Openings Stainless Steel Hot Food Tables.....	3,469.89	135.77
<b>11 42 16 00-0030 Basic Table (11 42 16 00-0001)</b>		
11 42 16 00-0031 LF Table, Basic.....	236.14	10.82
<b>11 42 16 00-0032 Table With Sink (11 42 16)</b>		
11 42 16 00-0033 LF Table With Sink.....	297.57	25.84
<b>11 42 23 Food Preparation Scullery Sinks (11 42)</b>		
<b>11 42 23 00-0001 Stainless Steel Scullery Sinks (11 42 23)</b>		
Note: Excludes faucet. See CSI section 22 42 39 00-0073 for service sink faucets.		
11 42 23 00-0002 EA Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard.....	1,908.16	108.43
	For Additional Drain Board, Add	179.97
11 42 23 00-0003 EA Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard.....	2,648.95	123.92
	For Additional Drain Board, Add	253.28

<b>11</b>	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 42 Food Preparation Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 23 00-0004	EA		Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard.....	3,485.34	123.92
			<i>For Additional Drain Board, Add</i>	<i>336.14</i>	
11 42 23 00-0005	EA		Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard.....	4,942.73	123.92
			<i>For Additional Drain Board, Add</i>	<i>481.88</i>	
11 42 23 00-0006	EA		Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard.....	3,163.63	123.92

**11 44 Food Cooking Equipment** (11 40)

**11 44 13 Commercial Ranges** (11 44)

**11 44 13 00-0001 Range** (11 44 13)

11 44 13 00-0002	EA		Heavy Duty Range, With 34" Open Top Oven.....	1,888.39	55.29
11 44 13 00-0003	EA		Range With Fry Top.....	1,888.39	55.29
11 44 13 00-0004	EA		Steel Finish Fry Top.....	4,071.22	81.72
11 44 13 00-0005	EA		Stainless Top Only Fry Top.....	4,069.72	80.79
11 44 13 00-0006	EA		Stainless Top And 2 Sides Fry Top.....	4,702.44	94.07
11 44 13 00-0007	EA		Gas Range, Vulcan #260L.....	4,237.46	83.81

Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.

**11 44 16 Commercial Ovens** (11 44)

**11 44 16 00-0001 Bake Oven** (11 44 16)

11 44 16 00-0002	EA		Bake Oven - Single Deck.....	3,936.97	82.95
11 44 16 00-0003	EA		Bake Oven - Double Deck.....	8,072.40	110.59
11 44 16 00-0004	EA		Bake Oven - Triple Deck.....	11,765.54	110.59
11 44 16 00-0005	EA		Rotary Oven, Gas, Medium.....	27,399.84	3,594.22

**11 44 16 00-0006 Combination Ovens** (11 44 16)

Note: Convection, steam and combination modes.

11 44 16 00-0007	EA		35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven.....	12,148.58	96.77
11 44 16 00-0008	EA		35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven.....	19,926.61	110.59
11 44 16 00-0009	EA		35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven.....	16,463.05	110.59
11 44 16 00-0010	EA		35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven.....	39,722.31	138.24
11 44 16 00-0011	EA		35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven.....	30,159.12	138.24

**11 44 16 00-0012 Electric Convection Type Oven** (11 44 16)

11 44 16 00-0013	EA		40" x 45" x 57" Convection Oven.....	6,192.14	94.00
11 44 16 00-0014	EA		30" x 25" x 29" Half Size Electric Convection Oven.....	3,543.57	96.77
11 44 16 00-0015	EA		30" x 25" x 66-3/4" Half Size Electric Convection Oven.....	7,267.30	103.68
11 44 16 00-0016	EA		40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven.....	5,005.37	103.68
11 44 16 00-0017	EA		40" x 41-1/2" x 70" Single Deck Electric Convection Oven.....	9,504.49	110.59

**11 44 16 00-0018 Broiler, Without Oven** (11 44 16)

11 44 16 00-0019	EA		69" x 26" x 39" Broiler Without Oven.....	5,285.16	88.47
11 44 16 00-0020	EA		Conveyor Broiler.....	4,683.54	102.68

**11 44 19 Other Commercial Cooking Equipment** (11 44)

**11 44 19 00-0001 Electric Griddle** (11 44 19)

11 44 19 00-0002	EA		24" Wide x 24" Deep Electric Griddle.....	2,137.67	76.03
11 44 19 00-0003	EA		36" Wide x 24" Deep Electric Griddle.....	3,037.29	76.03
11 44 19 00-0004	EA		48" Wide x 24" Deep Electric Griddle.....	3,475.94	82.95
11 44 19 00-0005	EA		60" Wide x 24" Deep Electric Griddle.....	4,157.80	82.95
11 44 19 00-0006	EA		72" Wide x 24" Deep Electric Griddle.....	5,327.58	89.85

**11 44 19 00-0007 Fryer, With Submerger** (11 44 19)

11 44 19 00-0008	EA		Single Fryer With Submerger.....	2,868.93	88.47
11 44 19 00-0009	EA		Double Fryer With Submerger.....	5,854.34	110.59
11 44 19 00-0010	EA		Fryer Battery With Filter Unit (Single 42 LB Capacity).....	8,874.23	143.77
11 44 19 00-0011	EA		Fryer Battery With Filter Unit (Triple 42 LB Capacity).....	21,079.78	179.71
11 44 19 00-0012	EA		50 LB Capacity, 208 Volt, Electric Fryer.....	3,373.46	110.59
11 44 19 00-0013	EA		50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	4,961.00	116.12
11 44 19 00-0014	EA		50 LB Capacity, 480 Volt, Electric Fryer.....	3,540.53	110.59
11 44 19 00-0015	EA		50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	5,128.07	116.12
11 44 19 00-0016	EA		85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	11,292.28	143.77
11 44 19 00-0017	EA		85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	11,566.44	143.77

**11 44 19 00-0018 Kettles, Steam Jacketed** (11 44 19)

11 44 19 00-0019	EA		5 Gallon Kettle, With Stand.....	2,977.36	67.05
11 44 19 00-0020	EA		20 Gallon Kettle With Steam Jacket.....	3,950.04	67.05
11 44 19 00-0021	EA		40 Gallon Kettle With Steam Jacket.....	7,036.16	67.05
11 44 19 00-0022	EA		60 Gallon Kettle With Steam Jacket.....	11,008.61	67.05





<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Food Cooking Equipment	11 44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 44 19 00-0023 Steamers, Electric</b> <small>(11 44 19)</small>		
<b>11 44 19 00-0024 Cooking Equipment/ Steamers</b> <small>(11 44 19 00-0023)</small>		
11 44 19 00-0025 EA 3 Pan, Electric Countertop Convection Steamer.....	4,629.00	116.12
11 44 19 00-0026 EA 5 Pan, Electric Countertop Convection Steamer.....	6,095.17	121.65
11 44 19 00-0027 EA 3 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	4,283.42	116.12
11 44 19 00-0028 EA 5 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	6,244.38	121.65
<b>11 44 19 00-0029 Braising Pans</b> <small>(11 44 19)</small>		
11 44 19 00-0030 EA 24" x 24", 240 Volt, Tilting Braising Pan.....	6,290.85	116.86
11 44 19 00-0031 EA 24" x 31", 240 Volt, Tilting Braising Pan.....	6,638.69	122.90
11 44 19 00-0032 EA 24" x 41", 240 Volt, Tilting Braising Pan.....	7,070.71	130.87
11 44 19 00-0033 EA 24" x 24", 62,000 BTU/Hour, Tilting Braising Pan.....	8,200.88	152.39
11 44 19 00-0034 EA 24" x 31", 90,000 BTU/Hour, Tilting Braising Pan.....	8,480.38	157.09
11 44 19 00-0035 EA 24" x 41", 120,000 BTU/Hour, Tilting Braising Pan.....	8,810.67	161.25
<b>11 44 19 00-0036 Toasters</b> <small>(11 44 19)</small>		
11 44 19 00-0037 EA Bun Toaster 3.2 KW .....	1,235.73	18.65
11 44 19 00-0038 EA Bun Toaster 4.3 KW .....	1,348.69	20.31
11 44 19 00-0039 EA Pop-Up Toaster, 2 Slot.....	383.54	59.88
11 44 19 00-0040 EA Conveyor Toaster .....	667.86	89.85
<b>11 44 19 00-0041 Microwave Ovens</b> <small>(11 44 19)</small>		
11 44 19 00-0042 EA 1,000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer .....	659.36	
11 44 19 00-0043 EA 1,000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display .....	918.07	
<b>11 44 19 00-0044 Ceramic Broiler On Storage Base With Doors</b> <small>(11 44 19)</small>		
11 44 19 00-0045 EA Standard Finish Ceramic Boiler On Storage Base With Doors.....	5,183.43	95.81
11 44 19 00-0046 EA Stainless Steel Front Ceramic Boiler On Storage Base With Doors .....	5,183.43	95.81
11 44 19 00-0047 EA Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	6,442.26	119.61
<b>11 44 19 00-0048 Gas Countertop Hot Plate</b> <small>(11 44 19)</small>		
11 44 19 00-0049 EA 2 Burners Gas Countertop Hot Plate .....	660.83	12.20
<b>11 46 Food Dispensing Equipment</b> <small>(11 46)</small>		
<b>11 46 13 Bar Equipment</b> <small>(11 46)</small>		
<b>11 46 13 00-0001 Soft Serve Machines</b> <small>(11 46 13)</small>		
11 46 13 00-0002 EA Soft Serve Machines, Medium.....	9,086.20	65.36
11 46 13 00-0003 EA Soft Serve Machines, Large.....	15,346.58	79.85
<b>11 46 13 00-0004 Salad Bars</b> <small>(11 46 13)</small>		
11 46 13 00-0005 EA 96" Refrigerated Salad Bar With Light 54" Height.....	6,774.10	259.80
11 46 13 00-0006 EA 96" Refrigerated Salad Bar Without Light 54" Height.....	6,215.55	259.80
11 46 13 00-0007 EA 96" Iced Salad Bar Without Light 54" Height.....	4,366.80	142.74
11 46 13 00-0008 EA 79" Iced Salad Bar Without Light 54" Height.....	3,453.96	117.26
11 46 13 00-0009 EA 79" Refrigerated Salad Bar Without Light 54" Height.....	5,246.47	172.03
11 46 13 00-0010 EA 114" Iced Salad Bar 34" Height .....	5,775.50	152.39
11 46 13 00-0011 EA Salad Bar Tray Fixed .....	1,138.91	25.81
11 46 13 00-0012 EA Salad Bar Tray Hinged .....	1,212.54	25.81
<b>11 46 16 Service Line Equipment</b> <small>(11 46)</small>		
<b>11 46 16 00-0001 Food Warmer Holding Station</b> <small>(11 46 16)</small>		
11 46 16 00-0002 EA Food Warmer Station And Heat Lamp.....	456.60	6.88
<b>11 46 16 00-0003 Roll And Food Warmers</b> <small>(11 46 16)</small>		
11 46 16 00-0004 EA One Drawer, 16 Roll Capacity Food Warmer.....	982.53	14.82
11 46 16 00-0005 EA Three Drawer, 36 Roll Capacity Food Warmer.....	2,248.46	33.94
<b>11 46 16 00-0006 Hot Cabinets With Top Wells Electric</b> <small>(11 46 16)</small>		
11 46 16 00-0007 EA 2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric.....	5,301.02	95.81
11 46 16 00-0008 EA 3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric.....	7,573.64	137.31
<b>11 46 16 00-0009 Portable Hot Food Units</b> <small>(11 46 16)</small>		

11	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 46 Food Dispensing Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0010	EA		44-1/2", 3 Opening Portable Hot Food Unit.....	1,169.30	21.19
11 46 16 00-0011	EA		72-1/2", 5 Opening Portable Hot Food Unit.....	1,702.49	30.84
<b>11 46 16 00-0012</b>			<b>Stationary Hot Food Units (11 46 16)</b>		
11 46 16 00-0013	EA		44-1/2", 3 Opening Stationary Hot Food Unit.....	1,051.90	19.51
11 46 16 00-0014	EA		72-1/2", 5 Opening Stationary Hot Food Unit.....	1,552.12	28.76
<b>11 46 16 00-0015</b>			<b>Serving Counters (11 46 16)</b>		
11 46 16 00-0016	LF		11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section .....	82.61	22.56
11 46 16 00-0017	LF		11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section .....	102.36	34.56
<b>11 46 16 00-0018</b>			<b>Drop-In Equipment (11 46 16)</b>		
11 46 16 00-0019	EA		Hot Food Well, Rectangular .....	353.45	71.88
11 46 16 00-0020	EA		Hot Food Well, Circular .....	320.68	71.88
11 46 16 00-0021	EA		Refrigerated Well, 2 Compartment.....	932.13	71.88
11 46 16 00-0022	EA		Refrigerated Well, 3 Compartment.....	1,058.47	79.85
11 46 16 00-0023	EA		Refrigerated Well, 4 Compartment.....	1,202.33	89.85
11 46 16 00-0024	EA		Frost Cold Plate .....	1,486.60	79.85
<b>11 46 16 00-0025</b>			<b>Beverage Dispensing (11 46 16)</b>		
11 46 16 00-0026	EA		Coffee Urn, Twin 3 Gallon.....	2,443.61	120.20
11 46 16 00-0027	EA		Coffee Urn, Twin 6 Gallon.....	3,481.65	168.25
11 46 16 00-0028	EA		Coffee Brewer, 5 Burner .....	977.51	120.20
11 46 16 00-0029	EA		Hot Chocolate Dispenser .....	959.66	99.00
11 46 16 00-0030	EA		Iced Tea Brewer.....	1,426.52	99.00
11 46 16 00-0031	EA		Juice Dispenser (Concentrate).....	974.45	159.58
11 46 16 00-0032	EA		Jet Spray Dispenser.....	1,425.21	159.75
11 46 16 00-0033	EA		Milk Dispenser, Bulk, 2 Flavor.....	1,224.82	89.85
11 46 16 00-0034	EA		Milk Dispenser, Bulk, 3 Flavor.....	1,691.68	89.85
<b>11 46 16 00-0035</b>			<b>Dish Dispensers (11 46 16)</b>		
11 46 16 00-0036	EA		Dish Dispenser, 12", Drop-in.....	496.30	13.89
11 46 16 00-0037	EA		Dish Dispenser, Mobile .....	1,585.35	16.23
11 46 16 00-0038	EA		Cup And Glass Dispenser, Drop-in .....	820.28	43.20
11 46 16 00-0039	EA		Disposable Cup Dispenser, Drop-in.....	306.12	9.73
<b>11 46 16 00-0040</b>			<b>Tray And Silver Dispensers (11 46 16)</b>		
11 46 16 00-0041	EA		Tray And Silver Dispensers Mobile.....	1,995.00	9.73
<b>11 46 16 00-0042</b>			<b>Condiment Dispensers (11 46 16)</b>		
11 46 16 00-0043	EA		Butter Pat Dispenser.....	101.31	12.19
11 46 16 00-0044	EA		Bread Dispenser, Counter Top .....	315.90	12.19
<b>11 46 16 00-0045</b>			<b>Sandwich Rack Warmer (11 46 16)</b>		
11 46 16 00-0046	EA		18 Compartment, 2 Tier Sandwich Rack Warmer.....	2,462.83	54.91
<b>11 46 16 00-0047</b>			<b>Mobile Bread Counter (11 46 16)</b>		
11 46 16 00-0048	EA		Mobile Bread And Roll Counter.....	5,655.66	123.45
<b>11 46 16 00-0049</b>			<b>Open Service Stand (11 46 16)</b>		
11 46 16 00-0050	EA		6' Open Service Stand.....	2,209.67	60.00
11 46 16 00-0051	LF		Each Additional Ft Over 6 Ft Add.....	302.32	8.11
<b>11 46 16 00-0052</b>			<b>Mobile Serving Stand Unit (11 46 16)</b>		
11 46 16 00-0053	EA		36" Mobile Serving Stand Unit .....	1,928.23	57.39
11 46 16 00-0054	EA		96" Mobile Serving Stand Unit .....	3,172.24	86.02
<b>11 46 16 00-0055</b>			<b>Reach-In Heated Cabinets (11 46 16)</b>		
11 46 16 00-0056	EA		Heated Cabinet, Reach-in, 1 Compartment .....	3,870.04	92.18
11 46 16 00-0057	EA		Heated Cabinet, Reach-in, 2 Compartment .....	5,588.47	115.95
11 46 16 00-0058	EA		Heated Cabinet, 1 Compartment, Pass-Through Roll-In.....	4,054.32	92.18
11 46 16 00-0059	EA		Heated Cabinet, Pass-Through, Roll-In 2 Compartment.....	5,856.30	115.95



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	11
Food Dispensing Equipment	11 46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 46 16 00-0060 Mobile Heated Cabinets (11 46 16)</b>		
11 46 16 00-0061 EA Heated Cabinet, Mobile .....	4,389.61	24.32
<b>11 46 19 Soda Fountain Equipment (11 46)</b>		
<b>11 46 19 00-0001 Carbonated Beverage Dispensing (11 46 19)</b>		
11 46 19 00-0002 EA Carbonated Beverage Dispenser .....	2,593.56	224.66
11 46 19 00-0003 EA Carbonated Beverage Dispenser With 90 LB Ice .....	4,187.72	256.74
11 46 19 00-0004 EA Carbonated Beverage Dispenser With 150 LB Ice .....	7,782.33	359.42
<b>11 46 19 00-0005 Beverage Chilling Systems (11 46 19)</b>		
11 46 19 00-0006 EA Beverage Chiller, Small .....	4,026.01	206.51
11 46 19 00-0007 EA Beverage Chiller, Large .....	7,516.62	309.80
<b>11 46 83 Ice Machines (11 46)</b>		
<b>11 46 83 00-0001 Ice Cube Maker (11 46 83)</b>		
11 46 83 00-0002 EA 101 LB/Day, Self Contained Ice Maker With Built-In Bin .....	1,709.59	96.77
11 46 83 00-0003 EA 201 LB/Day, Self Contained Ice Maker With Built-In Bin .....	2,031.02	103.68
11 46 83 00-0004 EA 260 LB/Day, Self Contained Ice Maker With Built-In Bin .....	2,330.48	110.59
11 46 83 00-0005 EA 320 LB/Day, Modular Ice Maker Without Bin .....	2,052.99	103.68
11 46 83 00-0006 EA 451 LB/Day, Modular Ice Maker Without Bin .....	2,230.99	110.59
11 46 83 00-0007 EA 600 LB/Day, Modular Ice Maker Without Bin .....	2,554.60	110.59
11 46 83 00-0008 EA 901 LB/Day, Modular Ice Maker Without Bin .....	3,653.34	117.50
11 46 83 00-0009 EA 1301 LB/Day, Modular Ice Maker Without Bin .....	4,145.99	117.50
11 46 83 00-0010 EA 1601 LB/Day, Modular Ice Maker Without Bin .....	4,998.52	124.42
11 46 83 00-0011 EA 1900 LB/Day, Modular Ice Maker Without Bin .....	5,522.06	124.42
<b>11 46 83 00-0012 Ice Flakers (11 46 83)</b>		
11 46 83 00-0013 EA Ice Flakers, 300 LB/Day .....	3,129.48	348.59
11 46 83 00-0014 EA Ice Flakers, 600 LB/Day .....	5,652.17	557.75
11 46 83 00-0015 EA Ice Flakers, 1,000 LB/Day .....	7,006.13	766.90
11 46 83 00-0016 EA Ice Flakers, 2,000 LB/Day .....	8,535.06	836.62
<b>11 46 83 00-0017 Ice Storage Bins (11 46 83)</b>		
11 46 83 00-0018 EA 260 LB Stainless Steel Ice Storage Bin .....	793.50	58.39
11 46 83 00-0019 EA 360 LB Stainless Steel Ice Storage Bin .....	872.60	58.39
11 46 83 00-0020 EA 550 LB Stainless Steel Ice Storage Bin .....	1,093.26	63.25
11 46 83 00-0021 EA 660 LB Stainless Steel Ice Storage Bin .....	1,181.15	63.25
11 46 83 00-0022 EA 1150 LB Stainless Steel Ice Storage Bin .....	2,289.48	68.12
<b>11 48 Foodservice Cleaning and Disposal Equipment (11 40)</b>		
<b>11 48 13 Commercial Dishwashers (11 48)</b>		
<b>11 48 13 00-0001 Rack Type Dishwasher (11 48 13)</b>		
11 48 13 00-0002 EA Dishwasher, 1 Tank And 190 Racks/Hour .....	7,016.28	134.60
11 48 13 00-0003 EA Dishwasher, 2 Tanks And 234 Racks/Hour .....	11,749.01	188.44
11 48 13 00-0004 EA Dishwasher, 2 Tanks And 265 Racks/Hour .....	14,128.86	201.90
11 48 13 00-0005 EA Dishwasher, Automatic - 100 Meals/Hour .....	11,323.53	100.95
11 48 13 00-0006 EA Dishwasher, Machine Rack .....	13,198.93	280.44
11 48 13 00-0007 EA Dishwasher, Hobart LX30-H .....	3,506.79	117.78
<b>11 48 13 00-0008 Exhaust Hood Dishwasher (11 48 13)</b>		
11 48 13 00-0009 EA 4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides .....	1,338.68	109.92
11 48 13 00-0010 EA 4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides .....	2,323.96	131.91
<b>11 48 13 00-0011 Dish Tables (11 48 13)</b>		
11 48 13 00-0012 LF Clean/Soiled Dish Table, Basic .....	163.43	25.84
11 48 13 00-0013 LF Clean/Soiled Dish Table With Trough .....	256.81	38.73
11 48 13 00-0014 LF Clean/Soiled Dish Table, Maximum .....	311.31	51.61
<b>11 48 13 00-0015 Sprays And Hoses (11 48 13)</b>		
<b>11 48 13 00-0016 Sprays, Fillers (11 48 13 00-0015)</b>		
11 48 13 00-0017 EA Pre-Rinse Spray .....	303.09	49.15
11 48 13 00-0018 EA Kettle Fillers .....	262.14	49.15
<b>11 48 13 00-0019 Hoses (11 48 13 00-0015)</b>		

11	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 48 Foodservice Cleaning and Disposal Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0020	EA		Hose Reel .....	363.72	59.00
11 48 13 00-0021	EA		Wash-Down Hose .....	281.81	59.00
11 48 13 00-0022	EA		Hose Reel And Spray System With Accessories (Chicago 535NF) .....	1,079.89	
<b>11 48 16 Food Waste Disposers (11 48)</b>					
11 48 16 00-0001			<b>Garbage Disposals (11 48 16)</b> Note: Manual switch.		
11 48 16 00-0002	EA		Garbage Disposal 1.5 HP At 100 GPH .....	1,942.80	100.95
11 48 16 00-0003	EA		Garbage Disposal 3 HP At 120 GPH .....	3,013.02	67.30
11 48 16 00-0004	EA		Garbage Disposal 5 HP At 250 GPH .....	3,607.99	134.60
11 48 16 00-0005	EA		Garbage Disposal 7-1/2 HP .....	5,004.67	133.79
<b>11 48 16 00-0006 Pulper/Extractors (11 48 16)</b>					
11 48 16 00-0007	EA		5 HP, Pulper/Extractor, Close-Coupled .....	4,389.37	140.18

**11 50 Educational And Scientific Equipment (11)**

**11 52 Audio-Visual Equipment (11 50)**

**11 52 13 Projection Screens (11 52)**

**11 52 13 13 Fixed Projection Screens (11 52 13)**

**11 52 13 13-0001 Screens (11 52 13 13)**

**11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)**

11 52 13 13-0003	EA		40" x 40" Pull Down Projection Screen (Da-Lite B) .....	135.96	33.48
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0004	EA		50" x 50" Pull Down Projection Screen (Da-Lite B) .....	162.70	43.05
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0005	EA		60" x 60" Pull Down Projection Screen (Da-Lite B) .....	208.57	59.79
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0006	EA		70" x 70" Pull Down Projection Screen (Da-Lite B) .....	242.49	71.74
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0007	EA		84" x 84" Pull Down Projection Screen (Da-Lite B) .....	374.23	107.61
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0008	EA		96" x 96" Pull Down Projection Screen (Da-Lite B) .....	438.14	119.57
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0009	EA		64" x 84" Pull Down Projection Screen (Da-Lite B) .....	312.05	76.52
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0010	EA		72" x 96" Pull Down Projection Screen (Da-Lite B) .....	360.31	95.65
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0011	EA		43" x 57" Pull Down Projection Screen (Da-Lite B) .....	190.30	40.65
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0012	EA		50" x 67" Pull Down Projection Screen (Da-Lite B) .....	263.79	57.39
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0013	EA		55" x 77" Pull Down Projection Screen (Da-Lite B) .....	288.14	64.57
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0014	EA		60" x 80" Pull Down Projection Screen (Da-Lite B) .....	307.70	69.35
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0015	EA		69" x 92" Pull Down Projection Screen (Da-Lite B) .....	356.39	83.70
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	



<b>Equipment</b>	<b>11</b>	
<b>Educational And Scientific Equipment</b>	<b>11 50</b>	<b>11</b>
<b>Audio-Visual Equipment</b>	<b>11 52</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0016	EA		45" x 80" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	288.57 40.00 40.00 120.00	59.79
11 52 13 13-0017	EA		52" x 92" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	327.70 40.00 40.00 120.00	69.35
<b>11 52 13 13-0018</b>			<b>Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C)</b> <small>(11 52 13 13-0001)</small>		
11 52 13 13-0019	EA		50" x 50" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	302.70 40.00 40.00 120.00	43.05
11 52 13 13-0020	EA		60" x 60" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	358.57 40.00 40.00 120.00	59.79
11 52 13 13-0021	EA		70" x 70" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	421.61 40.00 40.00 120.00	81.30
11 52 13 13-0022	EA		84" x 84" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	494.23 40.00 40.00 120.00	107.61
11 52 13 13-0023	EA		6' x 8' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	539.01 40.00 40.00 120.00	110.00
11 52 13 13-0024	EA		8' x 8' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	578.14 40.00 40.00 120.00	119.57
11 52 13 13-0025	EA		7' x 9' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	588.14 40.00 40.00 120.00	119.57
11 52 13 13-0026	EA		9' x 9' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	632.49 40.00 40.00 120.00	126.74
11 52 13 13-0027	EA		8' x 10' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	676.83 40.00 40.00 120.00	133.92
11 52 13 13-0028	EA		10' x 10' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	725.96 40.00 40.00 120.00	143.49
11 52 13 13-0029	EA		9' x 12' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	805.96 40.00 40.00 120.00	143.49
11 52 13 13-0030	EA		12' x 12' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	941.62 40.00 40.00 120.00	191.31
<b>11 52 13 13-0031</b>			<b>Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR)</b> <small>(11 52 13 13-0001)</small> Note: With controlled screen return.		
11 52 13 13-0032	EA		60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	558.57 40.00 40.00 120.00	59.79
11 52 13 13-0033	EA		70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	631.61 40.00 40.00 120.00	81.30
11 52 13 13-0034	EA		84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	704.23 40.00 40.00 120.00	107.61
11 52 13 13-0035	EA		6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	739.01 40.00 40.00 120.00	110.00
11 52 13 13-0036	EA		8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	788.14 40.00 40.00 120.00	119.57

11	<b>11 Equipment</b>
	<b>11 50 Educational And Scientific Equipment</b>
	<b>11 52 Audio-Visual Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0037	EA		7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	798.14 40.00 40.00 120.00	119.57
11 52 13 13-0038	EA		9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	842.49 40.00 40.00 120.00	126.74
11 52 13 13-0039	EA		8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	862.06 40.00 40.00 120.00	131.52
11 52 13 13-0040	EA		10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	965.96 40.00 40.00 120.00	143.49
11 52 13 13-0041	EA		9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,055.96 40.00 40.00 120.00	143.49
11 52 13 13-0042	EA		12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) ..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,211.62 40.00 40.00 120.00	191.31
11 52 13 13-0043			<b>Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol)</b> <small>(11 52 13 13-0001)</small> Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA		50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,225.92	53.81
11 52 13 13-0045	EA		60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,251.23	59.79
11 52 13 13-0046	EA		70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,300.50	71.74
11 52 13 13-0047	EA		84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,487.01	107.61
11 52 13 13-0048	EA		6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,523.82	110.00
11 52 13 13-0049	EA		8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,616.34	119.57
11 52 13 13-0050	EA		7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,649.71	119.57
11 52 13 13-0051	EA		9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,730.50	127.94
11 52 13 13-0052	EA		8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,831.86	133.92
11 52 13 13-0053	EA		10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,895.03	143.49
11 52 13 13-0054	EA		9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	1,955.08	143.49
11 52 13 13-0055	EA		12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	2,154.84	191.31
11 52 13 13-0056			<b>Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol)</b> <small>(11 52 13 13-0001)</small> Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057	EA		9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	1,985.96	143.49
11 52 13 13-0058	EA		12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	2,161.62	191.31
11 52 13 13-0059	EA		14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	2,669.45	215.23
11 52 13 13-0060	EA		12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	2,817.28	239.14
11 52 13 13-0061	EA		16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	3,012.94	286.96
11 52 13 13-0062	EA		13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	3,360.76	310.88
11 52 13 13-0063	EA		18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	3,678.59	334.80
11 52 13 13-0064	EA		15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	3,878.59	334.80
11 52 13 13-0065	EA		20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	4,184.25	382.62
11 52 13 13-0066	EA		11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	3,860.76	310.88
11 52 13 13-0067	EA		16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	4,104.25	382.62
11 52 13 13-0068	EA		22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	4,299.90	430.45
11 52 13 13-0069	EA		12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	4,108.59	334.80
11 52 13 13-0070	EA		18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)..... Note: Heavy-duty screen for exposed or recessed installation without doors.	5,299.90	430.45
11 52 13 13-0071			<b>Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol)</b> <small>(11 52 13 13-0001)</small> Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072	EA		50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,806.61	53.81
11 52 13 13-0073	EA		60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,848.57	59.79



<b>Equipment</b>	<b>11</b>	
<b>Educational And Scientific Equipment</b>	<b>11 50</b>	11
<b>Audio-Visual Equipment</b>	<b>11 52</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0074 EA 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,892.49	71.74
11 52 13 13-0075 EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,034.23	107.61
11 52 13 13-0076 EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,059.01	110.00
11 52 13 13-0077 EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,138.14	119.57
11 52 13 13-0078 EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,198.14	119.57
11 52 13 13-0079 EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,244.88	127.94
11 52 13 13-0080 EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,306.83	133.92
11 52 13 13-0081 EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,365.96	143.49
11 52 13 13-0082 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,385.96	143.49
11 52 13 13-0083 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,581.62	191.31
11 52 13 13-0084 EA 10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,765.53	203.27
11 52 13 13-0085 EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,889.45	215.23
11 52 13 13-0086 EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,157.28	239.14
11 52 13 13-0087 EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,302.94	286.96
<b>11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) <sup>(11 52 13 13-0001)</sup></b> Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089 EA 50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,502.61	53.81
11 52 13 13-0090 EA 60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,540.52	65.76
11 52 13 13-0091 EA 70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,561.49	71.74
11 52 13 13-0092 EA 84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,662.23	107.61
11 52 13 13-0093 EA 6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,676.01	110.00
11 52 13 13-0094 EA 8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,733.14	119.57
11 52 13 13-0095 EA 7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,786.14	119.57
11 52 13 13-0096 EA 9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,873.88	127.94
11 52 13 13-0097 EA 8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,899.83	133.92
11 52 13 13-0098 EA 10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,961.96	143.49
11 52 13 13-0099 EA 9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,969.80	167.39
11 52 13 13-0100 EA 12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,157.62	191.31
11 52 13 13-0101 EA 10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	2,679.53	203.27
11 52 13 13-0102 EA 14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,798.45	215.23
11 52 13 13-0103 EA 12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,031.28	239.14
11 52 13 13-0104 EA 16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,168.94	286.96
11 52 13 13-0105 EA 13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	3,451.76	310.88
11 52 13 13-0106 EA 18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,666.59	334.80
11 52 13 13-0107 EA 15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,812.59	334.80
11 52 13 13-0108 EA 20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,220.25	382.62
11 52 13 13-0109 EA 50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,561.49	71.74
11 52 13 13-0110 EA 60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,638.31	95.65
11 52 13 13-0111 EA 69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,671.23	107.61
11 52 13 13-0112 EA 87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,909.83	133.92
11 52 13 13-0113 EA 105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	2,052.80	167.39

11	<b>11 Equipment</b>
	<b>11 50 Educational And Scientific Equipment</b>
	<b>11 52 Audio-Visual Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0114	EA		123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,547.45	215.23
11 52 13 13-0115	EA		141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,719.11	263.06
11 52 13 13-0116	EA		12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,744.41	358.71
11 52 13 13-0117	EA		45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,643.31	95.65
11 52 13 13-0118	EA		52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,686.23	107.61
11 52 13 13-0119	EA		54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy duty screen for recessed or exposed installation.	1,729.58	114.79
11 52 13 13-0120	EA		58" x 104" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,757.71	124.35
11 52 13 13-0121	EA		65" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,861.83	133.92
11 52 13 13-0122	EA		78" x 139" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,014.80	167.39
11 52 13 13-0123	EA		92" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,520.45	215.23
11 52 13 13-0124	EA		106" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,918.11	263.06
11 52 13 13-0125	EA		119" x 212" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,538.76	310.88
11 52 13 13-0126			<b>Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol)</b> <small>(11 52 13 13-0001)</small> Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA		50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,433.64	53.81
11 52 13 13-0128	EA		60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,477.63	59.79
11 52 13 13-0129	EA		70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,525.57	71.74
11 52 13 13-0130	EA		84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,680.05	107.61
11 52 13 13-0131	EA		6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,711.52	110.00
11 52 13 13-0132	EA		8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,788.04	119.57
11 52 13 13-0133	EA		7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,877.45	119.57
11 52 13 13-0134	EA		9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,951.57	127.94
11 52 13 13-0135	EA		8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,006.22	133.92
11 52 13 13-0136	EA		10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,093.41	143.49
11 52 13 13-0137	EA		9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,185.49	143.49
11 52 13 13-0138	EA		12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,358.56	191.31
11 52 13 13-0139			<b>Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol)</b> <small>(11 52 13 13-0001)</small> Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA		60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,618.14	119.57
11 52 13 13-0141	EA		69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,945.96	143.49
11 52 13 13-0142	EA		87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,769.45	215.23
11 52 13 13-0143	EA		105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,272.94	286.96
11 52 13 13-0144	EA		120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,068.59	334.80
11 52 13 13-0145	EA		52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,898.14	119.57
11 52 13 13-0146	EA		58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,355.96	143.49
11 52 13 13-0147	EA		65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,673.80	167.39
11 52 13 13-0148	EA		78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,129.45	215.23
11 52 13 13-0149			<b>Electric Rear Projection Screen (Da-Lite DA-View)</b> <small>(11 52 13 13-0001)</small> Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		





<b>Equipment</b>	<b>11</b>	
<b>Educational And Scientific Equipment</b>	<b>11 50</b>	11
<b>Audio-Visual Equipment</b>	<b>11 52</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0150 EA 60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	2,281.90	119.57
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0151 EA 67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	2,873.57	131.52
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0152 EA 72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	3,294.90	143.49
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0153 EA 84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	5,987.24	155.44
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0154 EA 90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	6,635.69	6,468.28
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0155 EA 96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	7,364.81	191.31
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0156 EA 100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	9,456.54	215.23
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0157 EA 120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	12,797.32	239.14
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0158 EA 125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	14,321.30	263.06
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0159 EA 135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View).....	19,195.00	286.96
Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
<b>11 52 13 13-0160 Screen Accessories (11 52 13 13-0001)</b>		
<b>11 52 13 13-0161 Manual Pull Down Accessories (11 52 13 13-0160)</b>		
11 52 13 13-0162 EA 6" Mounting Bracket (Pair).....	25.17	3.59
11 52 13 13-0163 EA 14" Wall Mounting Bracket (Pair).....	35.17	3.82
11 52 13 13-0164 EA 14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair).....	41.17	4.31
<b>11 52 13 13-0165 Electric Powered Screen Accessories (11 52 13 13-0160)</b>		
11 52 13 13-0166 EA Single Motor Low Voltage Remote Control System - Infrared.....	250.94	
11 52 13 13-0167 EA Single Motor Low Voltage Remote Control System - Radio Frequency.....	360.94	
<b>11 52 16 Projectors (11 52)</b>		
<b>11 52 16 26 Video Projectors (11 52 16)</b>		
<b>11 52 16 26-0001 Projectors (11 52 16 26)</b>		
11 52 16 26-0002 EA 2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	666.18	23.92
11 52 16 26-0003 EA 2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector.....	774.39	23.92
11 52 16 26-0004 EA 2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	1,029.46	23.92
11 52 16 26-0005 EA 3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	1,632.36	23.92
11 52 16 26-0006 EA 3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	1,902.89	23.92
11 52 16 26-0007 EA 3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector.....	2,420.76	23.92
11 52 16 26-0008 EA 4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	3,858.42	23.92
11 52 16 26-0009 EA 5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	5,234.26	23.92
11 52 16 26-0010 EA 6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	7,777.23	23.92
<b>11 52 16 26-0011 Projector Mounts (11 52 16 26)</b>		
<b>11 52 16 26-0012 Universal Projector Mounts (11 52 16 26-0011)</b>		
Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013 EA Flush Ceiling, Universal Projector Mount (Peerless PPF).....	132.73	26.29
11 52 16 26-0014 EA Wall Arm, Universal Projector Mount (Peerless PWA-14).....	228.69	26.29
<b>11 52 16 26-0015 Projector Mount Components (11 52 16 26-0011)</b>		
Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
<b>11 52 16 26-0016 Ceiling Attachment Plates For Projector Mounts (11 52 16 26-0015)</b>		
11 52 16 26-0017 EA Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570).....	46.72	11.94
11 52 16 26-0018 EA Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557).....	66.41	11.94
11 52 16 26-0019 EA I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559).....	95.56	11.94
11 52 16 26-0020 EA Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455).....	117.27	11.94
<b>11 52 16 26-0021 Projector Attachment Plates For Projector Mounts (11 52 16 26-0015)</b>		
11 52 16 26-0022 EA Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV).....	181.79	11.94
11 52 16 26-0023 EA High Security Projector Enclosure For Projector Mounts (Peerless ALB).....	411.36	11.94
<b>11 52 16 26-0024 Threaded Extension Columns For Projector Mounts (11 52 16 26-0015)</b>		
<b>11 52 16 26-0025 Fixed Length, Threaded Extension Column For Projector Mounts (11 52 16 26-0024)</b>		
Note: Peerless EXT series.		
11 52 16 26-0026 EA 6" Fixed Length, Threaded Extension Column For Projector Mounts.....	30.25	3.59
11 52 16 26-0027 EA 12" Fixed Length, Threaded Extension Column For Projector Mounts.....	39.96	3.59
11 52 16 26-0028 EA 18" Fixed Length, Threaded Extension Column For Projector Mounts.....	43.61	3.59
11 52 16 26-0029 EA 24" Fixed Length, Threaded Extension Column For Projector Mounts.....	46.04	3.59

<b>11</b>	<b>11 Equipment</b>
	<b>11 50 Educational And Scientific Equipment</b>
	<b>11 52 Audio-Visual Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0030	EA		36" Fixed Length, Threaded Extension Column For Projector Mounts .....	54.50	4.78
11 52 16 26-0031	EA		48" Fixed Length, Threaded Extension Column For Projector Mounts .....	66.65	4.78
11 52 16 26-0032	EA		60" Fixed Length, Threaded Extension Column For Projector Mounts .....	86.08	4.78
11 52 16 26-0033	EA		72" Fixed Length, Threaded Extension Column For Projector Mounts .....	99.44	4.78
11 52 16 26-0034	EA		84" Fixed Length, Threaded Extension Column For Projector Mounts .....	116.40	5.97
11 52 16 26-0035	EA		96" Fixed Length, Threaded Extension Column For Projector Mounts .....	133.40	5.97
11 52 16 26-0036	EA		108" Fixed Length, Threaded Extension Column For Projector Mounts .....	147.95	7.17
11 52 16 26-0037	EA		120" Fixed Length, Threaded Extension Column For Projector Mounts .....	155.24	7.17

**11 52 16 26-0038 Adjustable Length, Threaded Extension Columns For Projector Mounts <sup>(11 52 16)</sup>**

<sup>26-0024)</sup>  
Note: Peerless ADJ series. Adjustable at 1" increments.

11 52 16 26-0039	EA		6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts .....	62.95	5.97
11 52 16 26-0040	EA		12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts .....	99.39	5.97
11 52 16 26-0041	EA		18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts .....	101.82	5.97
11 52 16 26-0042	EA		24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts .....	105.47	5.97
11 52 16 26-0043	EA		36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts .....	113.94	7.17
11 52 16 26-0044	EA		48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts .....	120.01	7.17
11 52 16 26-0045	EA		60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts .....	133.37	7.17
11 52 16 26-0046	EA		72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts .....	145.52	7.17
11 52 16 26-0047	EA		84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts .....	161.27	8.37
11 52 16 26-0048	EA		96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts .....	173.42	8.37
11 52 16 26-0049	EA		108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts .....	189.17	9.56
11 52 16 26-0050	EA		120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts .....	197.67	9.56

**11 60 Entertainment and Recreation Equipment <sup>(11)</sup>**

**11 66 Athletic Equipment <sup>(11 60)</sup>**

**11 66 13 Exercise Equipment <sup>(11 66)</sup>**

**11 66 13 00-0001 Fitness Systems <sup>(11 66 13)</sup>**

**11 66 13 00-0002 Components For Physical Fitness Activities <sup>(11 66 13 00-0001)</sup>**

11 66 13 00-0003	EA		Sit And Reach .....	706.30	49.07
11 66 13 00-0004	EA		Isometric Squat .....	263.09	19.63
11 66 13 00-0005	EA		Log Jump .....	1,715.40	78.53
11 66 13 00-0006	EA		Step Up .....	382.60	39.26
11 66 13 00-0007	EA		Hip Rotation .....	1,885.82	68.71
11 66 13 00-0008	EA		Body Curl .....	695.12	39.26
11 66 13 00-0009	EA		Horizontal Ladder .....	2,281.31	78.53
11 66 13 00-0010	EA		Chin Up .....	1,723.85	78.53
11 66 13 00-0011	EA		Push Up .....	1,054.09	39.26
11 66 13 00-0012	EA		Leg Raise .....	1,473.44	58.90
11 66 13 00-0013	EA		Log Hop .....	668.52	19.63
11 66 13 00-0014	EA		Parallel Bar .....	1,416.43	58.90
11 66 13 00-0015	EA		Leg Stretch .....	593.76	39.26
11 66 13 00-0016	EA		Balance Beam .....	534.01	29.44
11 66 13 00-0017	EA		Log Roll .....	1,694.53	49.07

**11 66 13 00-0018 Wall Mounted Equipment <sup>(11 66 13)</sup>**

11 66 13 00-0019	SET		Parallel Bars, Wall Mounted .....	2,242.77	262.27
11 66 13 00-0020	EA		Exercise Ladder, Wall Mounted .....	1,729.16	5.46

**11 66 23 Gymnasium Equipment <sup>(11 66)</sup>**

**11 66 23 13 Basketball Equipment <sup>(11 66 23)</sup>**

**11 66 23 13-0001 Basketball Equipment <sup>(11 66 23 13)</sup>**

11 66 23 13-0002	EA		6' Wall Mounted Basketball Backstop Wood, Fixed Type .....	1,906.52	393.41
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0003	EA		6' Ceiling Mounted Basketball Backstop Wood, Fixed Type, With Support Structure .....	3,421.43	393.41
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0004	EA		Ceiling Mounted Basketball Backstop Wood, Swing-up Type (Either Forward Or Backward), With Support Structure .....	4,170.29	524.54
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Electrically Operated, Add	1,405.68	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0005	EA		Portable Basketball Backstop With Rim, Porter #09945-232 .....	1,549.19	

**11 66 23 53 Wall Padding <sup>(11 66 23)</sup>**



<b>Equipment</b>	<b>11</b>	
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>	<b>11</b>
<b>Athletic Equipment</b>	<b>11 66</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 53-0001	SF		1-1/4" Thick Removable Gymnasium Wall Padding, Non Fire Rated ..... <i>For Class A Fire Rated Material, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	4.48 0.46 2.57	0.67
11 66 23 53-0002	SF		1-1/2" Thick Removable Gymnasium Wall Padding, Non Fire Rated ..... <i>For Class A Fire Rated Material, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	4.96 0.52 2.57	0.77
11 66 23 53-0003	SF		2" Thick Removable Gymnasium Wall Padding, Non Fire Rated ..... <i>For Class A Fire Rated Material, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	6.65 0.74 2.57	0.96
11 66 23 53-0004	SF		1-1/2" Thick Fixed, Non Fire Rated, Gymnasium Wall Padding..... <i>Note: Includes cutouts and wall trim.</i> <i>For Class A Fire Rated Material, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	5.34 7.19 2.57	0.72
11 66 23 53-0005	SF		2" Thick Fixed, Non Fire Rated, Gymnasium Wall Padding..... <i>For Class A Fire Rated Material, Add</i> <i>For ASTM F2440 Impact Protection, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	7.18 7.01 10.17 2.57	0.79
11 66 23 53-0006	SF		3" Thick Fixed, Non Fire Rated, Gymnasium Wall Padding..... <i>For Class A Fire Rated Material, Add</i> <i>For ASTM F2440 Impact Protection, Add</i> <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	10.79 6.66 14.02 2.57	0.87
11 66 23 53-0007	LF		"Z" Wall/Panel Attachment Clips For Wall Pads ..... <i>Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.</i>	4.52	1.15
11 66 23 53-0008	LF		Molding Channel Wall Attachment For Wall Pads ..... <i>Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.</i>	7.14	1.15
11 66 23 53-0009	LF		Floor Molding Channel Wall Attachment For Wall Pads ..... <i>Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.</i>	7.49	1.15
11 66 23 53-0010	EA		Single Or Double Gang Molded Inserts For Electrical Outlets .....	26.90	
<b>11 66 43 Interior Scoreboards (11 66)</b>					
<b>11 66 43 00-0001 Scoreboards (11 66 43)</b>					
11 66 43 00-0002	EA		8' x 3' x 8" Basketball Scoreboard With Controls ..... <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i>	6,600.87 -321.00 59.00	206.99
11 66 43 00-0003	EA		8' x 6' x 8" Multi-Scoreboard (Basketball, Volleyball, Wrestling) With Controls..... <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i>	9,880.81 -321.00 59.00	344.98
11 66 43 00-0004	EA		12' x 8' x 8" Multi-Scoreboard (Basketball, Volleyball, Wrestling) With Controls..... <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i>	15,020.08 -321.00 59.00	413.98
<b>11 66 53 Gymnasium Dividers (11 66)</b>					
<b>11 66 53 00-0001 Gymnasium Dividers (11 66 53)</b>					
11 66 53 00-0002	SF		Gym Divider, Manual Mesh Top And Vinyl Bottom .....	5.16	0.48
11 66 53 00-0003	SF		Gym Divider, Electric Roll Up Mesh Top And Vinyl Bottom .....	9.74	0.48
<b>11 68 Play Field Equipment And Structures (11 68)</b>					
<b>11 68 13 Playground Equipment (11 68)</b>					
<i>See CSI section 32 31 13 13-0001 for augering holes and fill for posts.</i>					
<b>11 68 13 00-0001 Standalone Playground Equipment (11 68 13)</b>					
<b>11 68 13 00-0002 Ground Socket For Movable Posts (11 68 13 00-0001)</b>					
11 68 13 00-0003	PR		Ground Socket For 2-3/8" Post For Playground Equipment .....	134.02	26.50
11 68 13 00-0004	PR		Ground Socket For 3-1/2" Post For Playground Equipment .....	211.59	26.50
<b>11 68 13 00-0005 See-Saws (11 68 13 00-0001)</b>					
<b>11 68 13 00-0006 Steel See-Saw (11 68 13 00-0005)</b>					
11 68 13 00-0007	EA		2 Unit Steel See-Saw.....	1,153.75	163.06
11 68 13 00-0008	EA		4 Unit Steel See-Saw.....	1,898.05	192.70
11 68 13 00-0009	EA		6 Unit Steel See-Saw.....	2,644.73	235.53
<b>11 68 13 00-0010 14' Long Laminated Beam (11 68 13 00-0005)</b>					
11 68 13 00-0011	EA		Beam Is Supported By Two 12 In x 12 In Stepping Column Posts .....	1,254.82	144.19
11 68 13 00-0012	EA		Beam Is Supported By Two 8 In x 8 In Posts.....	861.02	128.44
<b>11 68 13 00-0013 Slides (11 68 13 00-0001)</b>					
11 68 13 00-0014	EA		8' Long x 4' High Slide With Stainless Steel Bed .....	1,419.19	186.46
11 68 13 00-0015	EA		12' Long x 6' High Slide With Stainless Steel Bed .....	1,982.95	264.97
11 68 13 00-0016	EA		16' Long x 8' High Slide With Stainless Steel Bed .....	2,195.73	294.41
11 68 13 00-0017	EA		20' Long x 10' High Slide With Stainless Steel Bed .....	2,778.63	326.13

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0018	EA		6' High, 360 Degree One Piece Molded Polyethylene Slide .....	4,175.43	513.02
11 68 13 00-0019	EA		7' High, 360 Degree Slide, Stainless Steel Bed .....	8,975.20	529.24
11 68 13 00-0020	EA		9' High, 360 Degree Slide, Stainless Steel Bed .....	11,336.77	556.24
<b>11 68 13 00-0021</b>			<b>Whirlers <small>(11 68 13 00-0001)</small></b>		
11 68 13 00-0022	EA		8' Diameter Whirler .....	3,140.74	353.29
11 68 13 00-0023	EA		10' Diameter Whirler .....	3,641.76	423.95
<b>11 68 13 00-0024</b>			<b>Other Standalone Playground Equipment <small>(11 68 13 00-0001)</small></b>		
<b>11 68 13 00-0025</b>			<b>Miscellaneous Standalone Playground Equipment <small>(11 68 13 00-0024)</small></b>		
11 68 13 00-0026	EA		Horizontal Ladder.....	1,014.09	94.42
11 68 13 00-0027	EA		Tether Ball Post .....	170.27	18.45
11 68 13 00-0028	PR		10'-6" Long Multiple Purpose Post .....	258.06	32.62
11 68 13 00-0029	EA		3-Person Fiberglass Golf Tee Shelter Turntable.....	1,907.37	92.17
11 68 13 00-0030	EA		Horizontal Turning Bars, 1 Bar.....	318.62	49.28
11 68 13 00-0031	EA		Horizontal Turning Bars, 2 Bars.....	433.11	58.90
11 68 13 00-0032	EA		Horizontal Turning Bars, 3 Bars.....	584.24	78.53
11 68 13 00-0033	EA		Horizontal Turning Bars, 5 Bars.....	856.73	107.97
11 68 13 00-0034	EA		Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole.....	921.02	44.95
11 68 13 00-0035	EA		Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole.....	1,014.36	48.53
11 68 13 00-0036	EA		Coil Spring With Single Riding Aluminum Saddle Devices .....	990.94	52.02
11 68 13 00-0037	EA		"C" Spring With Single Riding Aluminum Saddle Devices .....	609.04	44.76
11 68 13 00-0038	EA		Rubber Spring With Single Riding Aluminum Saddle Devices.....	752.32	58.62
11 68 13 00-0039	EA		Coil Spring Assembly Only .....	249.23	21.55
11 68 13 00-0040	EA		"C" Spring Assembly Only.....	165.59	14.37
11 68 13 00-0041	EA		Rubber Spring Assembly Only .....	166.26	28.03
11 68 13 00-0042	EA		Footbuck Assembly Only .....	43.02	3.77
11 68 13 00-0043	EA		Replacement Animal Only .....	637.17	30.55
11 68 13 00-0044	EA		Two Seat, Two Spring Action Cars (4'-8" x 2'-8").....	1,128.18	53.91
<b>11 68 13 00-0045</b>			<b>Freestanding Panels <small>(11 68 13 00-0024)</small></b>		
			Note: Rotomolded polyethylene.		
11 68 13 00-0046	EA		Tic-Tac-Toe Panel .....	480.35	23.09
11 68 13 00-0047	EA		24" Bubble Panel .....	719.58	34.59
11 68 13 00-0048	EA		Fire Engine Panel .....	1,056.01	50.77
11 68 13 00-0049	EA		Flat Mirror Panel .....	844.82	40.63
11 68 13 00-0050	EA		Wavy Mirror Panel .....	1,250.39	60.14
11 68 13 00-0051	EA		Paint Time Panel.....	811.17	39.03
11 68 13 00-0052	EA		Phone Time Panel .....	575.67	27.68
11 68 13 00-0053	EA		Phone Time With Graphic Panel.....	575.67	27.68
11 68 13 00-0054	EA		Race Time Panel .....	1,009.28	48.53
11 68 13 00-0055	EA		Rescue 911 Panel.....	1,024.49	48.53
11 68 13 00-0056	EA		Eastern/Central/Western States Panel .....	551.38	26.50
11 68 13 00-0057	EA		Career People Panel.....	626.13	30.11
11 68 13 00-0058	EA		Solar System Panel .....	626.13	30.11
11 68 13 00-0059	EA		Animals Panel.....	626.13	30.11
<b>11 68 13 00-0060</b>			<b>Freestanding Panels Uprights <small>(11 68 13 00-0024)</small></b>		
11 68 13 00-0061	EA		3-1/2" Outside Diameter End Panel Upright.....	147.51	12.96
11 68 13 00-0062	EA		3-1/2" Outside Diameter 90 Degree Upright .....	159.80	14.02
11 68 13 00-0063	EA		3-1/2" Outside Diameter 180 Degree Upright .....	159.80	14.02
11 68 13 00-0064	EA		3-1/2" Outside Diameter "T-Shaped" Upright.....	170.05	14.92
<b>11 68 13 00-0065</b>			<b>Coasters <small>(11 68 13 00-0024)</small></b>		
11 68 13 00-0066	EA		12' Single Metal Coaster With Four Posts.....	3,721.55	157.04
11 68 13 00-0067	EA		18' Single Metal Coaster With Four Posts.....	4,156.08	196.31
11 68 13 00-0068	EA		12' Double Metal Coaster With Four Posts.....	6,024.84	235.57
11 68 13 00-0069	EA		18' Double Metal Coaster With Four Posts.....	6,844.58	294.47
<b>11 68 13 00-0070</b>			<b>Climbers <small>(11 68 13 00-0024)</small></b>		
11 68 13 00-0071	EA		Tower Climber, 3.17' Diameter x 7.25' High.....	662.04	104.90
11 68 13 00-0072	EA		Arch Climber, 2' x 12' x 4.5' High .....	600.72	128.47
11 68 13 00-0073	EA		Arch Climber, 2' x 15' x 5.83' High .....	654.92	104.90
11 68 13 00-0074	EA		Arch Climber, 2' x 17' x 6.58' High .....	706.26	128.47
11 68 13 00-0075	EA		Rainbow Climber, 2' x 10'-5" x 4' High .....	758.66	104.79
11 68 13 00-0076	EA		Rainbow Climber, 2' x 10'-5" x 5' High .....	853.68	104.83
11 68 13 00-0077	EA		Rainbow Climber, 2' x 12'-5" x 6' High .....	999.29	104.83
11 68 13 00-0078	EA		Rainbow Climber, 2' x 15'-4" x 7' High .....	1,094.47	104.79
11 68 13 00-0079	EA		Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section.....	1,321.52	122.70
11 68 13 00-0080	EA		12' Long Horizontal Ladder Climber.....	1,078.28	91.58
11 68 13 00-0081	EA		14' Long Horizontal Ladder Climber.....	1,094.30	91.58
11 68 13 00-0082	EA		16' Long Horizontal Ladder Climber.....	1,200.34	91.58
11 68 13 00-0083	EA		Bell Climber, 7'-5" High With Double Bars .....	1,120.48	117.78



<b>Equipment</b>	<b>11</b>	
Entertainment and Recreation Equipment	11 60	11
Play Field Equipment And Structures	11 68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0084 EA 2-Way Climber .....	938.56	94.42
11 68 13 00-0085 EA 4-Way Climber .....	1,514.20	94.42
<b>11 68 13 00-0086 Swings</b> <small>(11 68 13 00-0001)</small>		
<b>11 68 13 00-0087 Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail</b> <small>(11 68 13 00-0086)</small>		
<i>Note: Legs, 1-7/8" diameter, traditional.</i>		
11 68 13 00-0088 EA 8' High Top Rail, One Section Two Seats.....	869.66	144.19
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	101.84	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	117.84	
11 68 13 00-0089 EA 8' High Top Rail, Two Sections Four Seats .....	1,392.28	206.33
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	163.73	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	192.12	
11 68 13 00-0090 EA 8' High Top Rail, Three Sections, Six Seats .....	1,925.14	303.60
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	226.18	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	264.59	
11 68 13 00-0091 EA 8' High Top Rail, Four Sections, Eight Seats .....	2,415.56	353.29
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	284.28	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	334.38	
11 68 13 00-0092 EA 10' High Top Rail, One Section Two Seats.....	931.00	144.19
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	109.51	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	128.58	
11 68 13 00-0093 EA 10' High Top Rail, Two Section Four Seats .....	1,451.52	219.74
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	170.15	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	197.58	
11 68 13 00-0094 EA 10' High Top Rail, Three Sections, Six Seats .....	1,999.77	341.24
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	233.72	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	268.68	
11 68 13 00-0095 EA 10' High Top Rail, Four Sections, Eight Seats .....	2,655.55	412.18
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	311.33	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	361.64	
<b>11 68 13 00-0096 Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail</b> <small>(11 68 13 00-0086)</small>		
<i>Note: Legs, 1-7/8" diameter, traditional.</i>		
11 68 13 00-0097 EA 8' High Top Rail, One Section, Two Seats.....	1,006.44	127.34
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	119.44	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	144.29	
11 68 13 00-0098 EA 8' High Top Rail, Two Sections, Four Seats .....	1,460.81	184.77
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	173.36	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	209.45	
11 68 13 00-0099 EA 8' High Top Rail, Three Sections, Six Seats .....	1,948.68	247.11
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	231.23	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	279.24	
11 68 13 00-0100 EA 8' High Top Rail, Four Sections, Eight Seats .....	2,440.11	294.41
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	290.29	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	353.41	
11 68 13 00-0101 EA 10' High Top Rail, One Section, Two Seats.....	1,135.03	143.52
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	134.70	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	162.75	
11 68 13 00-0102 EA 10' High Top Rail, One Section Three Seats .....	1,187.28	152.19
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	141.16	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	171.53	
11 68 13 00-0103 EA 10' High Top Rail, Two Sections, Four Seats .....	1,584.35	200.91
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	188.00	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	227.03	
11 68 13 00-0104 EA 10' High Top Rail, Two Sections, Six Seats .....	1,913.58	231.60
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	228.16	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	279.71	
11 68 13 00-0105 EA 10' High Top Rail, Three Section, Six Seats .....	2,109.01	267.28
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	250.26	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	302.25	
11 68 13 00-0106 EA 10' High Top Rail, Three Sections, Nine Seats.....	2,640.30	294.53
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	315.32	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	388.44	
11 68 13 00-0107 EA 10' High Top Rail, Four Section, Eight Seats.....	2,669.85	353.29
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	316.06	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	378.88	
11 68 13 00-0108 EA 12' High Top Rail, One Section Three Seats .....	1,242.89	155.88
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	147.93	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	180.37	
11 68 13 00-0109 EA 12' High Top Rail, Two Sections, Six Seats.....	2,022.86	250.80
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	240.91	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	294.27	
11 68 13 00-0110 EA 12' High Top Rail, Three Sections, Nine Seats.....	2,930.63	401.70
<i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>	346.70	
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	414.72	
<b>11 68 13 00-0111 Swing Accessories</b> <small>(11 68 13 00-0086)</small>		
11 68 13 00-0112 EA Enclosed Tot Seat With Chain And Hardware .....	304.03	11.79
11 68 13 00-0113 EA Bucket Seat With Chain And Hardware .....	252.75	9.81
11 68 13 00-0114 EA Belt Seat With Chain And Hardware.....	269.23	10.46

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0115	EA		Seat With Chain And Hardware .....	265.57	10.31
11 68 13 00-0116	EA		Wide Seat With Chain And Hardware .....	280.33	10.89
11 68 13 00-0117	EA		Handi Seat With Chain And Hardware .....	837.00	32.49
11 68 13 00-0118	LF		0.4 LB/LF Replacement Chain .....	3.45	0.23
11 68 13 00-0119	LF		1 LB/LF Replacement Chain .....	6.42	0.46
11 68 13 00-0120	EA		Swing Hanger Replacement .....	37.50	2.69
11 68 13 00-0121			<b>Playground Equipment (Landscape Structures®) (11 68 13)</b> Note: Excludes excavation and concrete.		
11 68 13 00-0122			<b>Playground Equipment (Landscape Structures® PlayShaper®) (11 68 13 00-0121)</b> Note: Ages 2 to 5 years.		
11 68 13 00-0123	EA		EI Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A) .....	2,015.65	53.93
11 68 13 00-0124	EA		SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A) .....	5,028.34	202.22
11 68 13 00-0125	EA		Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A) .....	2,104.05	53.93
11 68 13 00-0126	EA		Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A) .....	2,382.60	80.89
11 68 13 00-0127	EA		Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A) .....	2,010.08	80.89
11 68 13 00-0128	EA		Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A) .....	1,605.24	53.93
11 68 13 00-0129	EA		Double Poly Slide, 40"- 48" Deck (Landscape Structures® PlayShaper® 132155B) .....	1,788.35	53.93
11 68 13 00-0130	EA		Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A) .....	1,358.99	53.93
11 68 13 00-0131	EA		32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A) .....	3,849.67	161.78
11 68 13 00-0132	EA		40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B) .....	4,468.44	161.78
11 68 13 00-0133	EA		48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C) .....	4,828.34	161.78
11 68 13 00-0134	EA		Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A) .....	1,396.13	26.96
11 68 13 00-0135	EA		Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A) .....	1,390.56	53.93
11 68 13 00-0136	EA		32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A) .....	1,833.29	80.89
11 68 13 00-0137	EA		40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B) .....	2,054.28	80.89
11 68 13 00-0138	EA		48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C) .....	2,300.52	80.89
11 68 13 00-0139	EA		Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A) .....	1,321.11	53.93
11 68 13 00-0140	EA		Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A) .....	5,530.68	215.71
11 68 13 00-0141	EA		Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A) .....	746.54	53.93
11 68 13 00-0142	EA		Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A) .....	821.55	26.96
11 68 13 00-0143	EA		Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A) .....	1,209.92	67.41
11 68 13 00-0144	EA		32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A) .....	1,887.33	94.38
11 68 13 00-0145	EA		40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B) .....	2,221.97	94.38
11 68 13 00-0146	EA		32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A) .....	2,110.36	53.93
11 68 13 00-0147	EA		48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B) .....	2,274.52	53.93
11 68 13 00-0148	EA		1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A) .....	1,005.41	53.93
11 68 13 00-0149	EA		2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B) .....	1,182.20	53.93
11 68 13 00-0150	EA		16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A) .....	532.51	22.47
11 68 13 00-0151	EA		24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B) .....	982.94	40.45
11 68 13 00-0152	EA		32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C) .....	1,443.95	103.36
11 68 13 00-0153	EA		40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D) .....	1,721.76	103.36
11 68 13 00-0154	EA		32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A) .....	1,579.98	53.93
11 68 13 00-0155	EA		40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B) .....	2,936.70	53.93
11 68 13 00-0156	EA		48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C) .....	2,369.23	53.93
11 68 13 00-0157	EA		32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A) .....	690.63	67.41
11 68 13 00-0158	EA		40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B) .....	712.17	67.41
11 68 13 00-0159	EA		48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C) .....	749.64	67.41
11 68 13 00-0160	EA		Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A) .....	811.72	13.48
11 68 13 00-0161	EA		Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A) .....	287.66	13.48
11 68 13 00-0162	EA		Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A) .....	2,848.11	94.38
11 68 13 00-0163	EA		ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A) .....	1,469.56	67.41
11 68 13 00-0164	EA		Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A) .....	918.92	22.47
11 68 13 00-0165	EA		Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A) .....	1,825.48	26.96
11 68 13 00-0166	EA		Phase Kit (Landscape Structures® PlayShaper® 116098A) .....	238.89	16.99
11 68 13 00-0167	EA		Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A) .....	1,408.75	26.96
11 68 13 00-0168	EA		8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A) .....	528.33	40.45
11 68 13 00-0169	EA		16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A) .....	901.78	40.45
11 68 13 00-0170	EA		Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A) .....	3,867.14	107.86
11 68 13 00-0171	EA		Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A) .....	3,867.14	107.86
11 68 13 00-0172	EA		Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A) .....	1,756.78	53.93
11 68 13 00-0173	EA		Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A) .....	1,302.17	53.93
11 68 13 00-0174	EA		28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A) .....	1,364.56	26.96
11 68 13 00-0175	EA		56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B) .....	1,774.97	26.96
11 68 13 00-0176	EA		90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C) .....	1,933.57	53.93
11 68 13 00-0177	EA		C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A) .....	3,166.28	107.86
11 68 13 00-0178	EA		S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B) .....	3,166.28	107.86
11 68 13 00-0179	EA		C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A) .....	3,166.28	107.86
11 68 13 00-0180	EA		S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B) .....	3,166.28	107.86
11 68 13 00-0181	EA		Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A) .....	615.99	13.48
11 68 13 00-0182	EA		Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A) .....	958.33	8.98
11 68 13 00-0183	EA		Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A) .....	1,109.87	8.98
11 68 13 00-0184	EA		Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A) .....	1,210.89	8.98
11 68 13 00-0185	EA		Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A) .....	647.56	13.48
11 68 13 00-0186	EA		Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A) .....	516.35	8.98
11 68 13 00-0187	EA		Gear Panel, Enclosure(2-Color Permalene) (Landscape Structures® PlayShaper® 117147A) .....	1,520.28	8.98



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0188 EA Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A).....	409.01	8.98
11 68 13 00-0189 EA House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A).....	477.08	13.48
11 68 13 00-0190 EA Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A).....	1,292.97	8.98
11 68 13 00-0191 EA Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A).....	799.09	13.48
11 68 13 00-0192 EA Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A).....	1,099.37	26.96
11 68 13 00-0193 EA Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A).....	1,189.16	22.47
11 68 13 00-0194 EA Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A).....	1,121.85	40.45
11 68 13 00-0195 EA Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A).....	838.36	8.98
11 68 13 00-0196 EA Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A).....	1,247.39	13.48
11 68 13 00-0197 EA Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A).....	849.60	13.48
11 68 13 00-0198 EA Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A).....	1,074.11	26.96
11 68 13 00-0199 EA Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A).....	363.43	13.48
11 68 13 00-0200 EA Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A).....	1,144.96	22.47
11 68 13 00-0201 EA Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A).....	858.06	35.95
11 68 13 00-0202 EA Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A).....	1,078.30	8.98
11 68 13 00-0203 EA Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A).....	409.01	8.98
11 68 13 00-0204 EA Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A).....	559.16	13.48
11 68 13 00-0205 EA Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A).....	409.01	8.98
11 68 13 00-0206 EA Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A).....	528.98	8.98
11 68 13 00-0207 EA Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A).....	970.31	40.45
11 68 13 00-0208 EA Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A).....	1,089.54	13.48
11 68 13 00-0209 EA Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A).....	824.35	13.48
11 68 13 00-0210 EA 2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A).....	785.07	22.47
11 68 13 00-0211 EA 1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A).....	444.11	22.47
11 68 13 00-0212 EA 1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A).....	395.00	13.48
11 68 13 00-0213 EA Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A).....	1,090.28	40.45
11 68 13 00-0214 EA Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B).....	1,273.38	40.45
11 68 13 00-0215 EA Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A).....	371.13	8.98
11 68 13 00-0216 EA Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A).....	522.66	8.98
11 68 13 00-0217 EA Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A).....	102.15	8.98
11 68 13 00-0218 EA Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A).....	597.04	13.48
11 68 13 00-0219 EA Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B).....	791.38	22.47
11 68 13 00-0220 EA Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A).....	444.11	22.47
11 68 13 00-0221 EA Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B).....	627.22	22.47
11 68 13 00-0222 EA Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A).....	99.63	8.98
11 68 13 00-0223 EA Steering Wheel (Landscape Structures® PlayShaper® 111306A).....	194.34	8.98
11 68 13 00-0224 EA Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B).....	263.79	8.98
11 68 13 00-0225 EA Handloop (Landscape Structures® PlayShaper® 119977A).....	150.14	8.98
11 68 13 00-0226 EA Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A).....	413.94	13.48
11 68 13 00-0227 EA 16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B).....	426.57	13.48
11 68 13 00-0228 EA 24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C).....	432.88	13.48
11 68 13 00-0229 EA 32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D).....	445.51	13.48
11 68 13 00-0230 EA 40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E).....	451.82	13.48
11 68 13 00-0231 EA 48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F).....	464.45	13.48
11 68 13 00-0232 EA Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A).....	311.61	80.89
Note: Order one talk tube tubing kit with two talk tubes (any height listed).		
11 68 13 00-0233 EA Arch Roof (Landscape Structures® PlayShaper® 111407A).....	619.50	26.96
11 68 13 00-0234 EA Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A).....	1,156.95	53.93
11 68 13 00-0235 EA Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A).....	1,289.54	53.93
11 68 13 00-0236 EA Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A).....	2,741.76	53.93
11 68 13 00-0237 EA Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B).....	3,196.37	53.93
11 68 13 00-0238 EA Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A).....	684.04	22.47
11 68 13 00-0239 EA Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A).....	652.47	22.47
11 68 13 00-0240 EA Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A).....	665.10	22.47
11 68 13 00-0241 EA 90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A).....	540.22	13.48
11 68 13 00-0242 EA Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A).....	1,018.78	80.89
11 68 13 00-0243 EA Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B).....	924.07	80.89
11 68 13 00-0244 EA Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C).....	841.99	80.89
11 68 13 00-0245 EA Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A).....	124.88	8.98
11 68 13 00-0246 EA 8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A).....	109.73	8.98
11 68 13 00-0247 EA 16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B).....	162.77	8.98
11 68 13 00-0248 EA 8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A).....	134.98	8.98
11 68 13 00-0249 EA 16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B).....	200.65	8.98
11 68 13 00-0250 EA To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A).....	1,972.94	107.86
11 68 13 00-0251 EA To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B).....	2,269.69	107.86
11 68 13 00-0252 EA To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C).....	2,395.97	107.86
11 68 13 00-0253 EA 56"/SpyroSlide, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399A).....	1,231.96	26.96
11 68 13 00-0254 EA 48" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399B).....	1,206.71	26.96
11 68 13 00-0255 EA 40" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399C).....	1,194.08	26.96
11 68 13 00-0256 EA 32" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399D).....	1,175.14	26.96
11 68 13 00-0257 EA 24" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399E).....	1,156.19	26.96
11 68 13 00-0258 EA 16" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399F).....	1,143.57	26.96
11 68 13 00-0259 EA 8" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399G).....	1,130.94	26.96
11 68 13 00-0260 EA Ground Level, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399H).....	1,118.31	26.96
11 68 13 00-0261 EA 82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A).....	268.72	13.48
11 68 13 00-0262 EA 74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B).....	256.09	13.48
11 68 13 00-0263 EA 66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C).....	237.15	13.48
11 68 13 00-0264 EA 58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D).....	230.83	13.48

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

11 68 13 00-0265	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E).....	224.52	13.48
11 68 13 00-0266	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F).....	218.20	13.48
11 68 13 00-0267	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A).....	425.26	80.89
11 68 13 00-0268	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B).....	400.01	80.89
11 68 13 00-0269	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C).....	393.69	80.89
11 68 13 00-0270	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D).....	275.03	13.48
11 68 13 00-0271	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E).....	268.72	13.48
11 68 13 00-0272	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F).....	256.09	13.48
11 68 13 00-0273	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G).....	237.15	13.48
11 68 13 00-0274	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H).....	230.83	13.48
11 68 13 00-0275	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A).....	319.23	13.48
11 68 13 00-0276	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B).....	312.91	13.48
11 68 13 00-0277	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C).....	293.97	13.48
11 68 13 00-0278	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D).....	287.66	13.48
11 68 13 00-0279	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E).....	281.34	13.48
11 68 13 00-0280	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F).....	268.72	13.48
11 68 13 00-0281	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G).....	256.09	13.48
11 68 13 00-0282	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H).....	237.15	13.48
11 68 13 00-0283	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A).....	1,260.20	91.05
11 68 13 00-0284	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B).....	1,243.74	89.87
11 68 13 00-0285	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C).....	1,013.13	73.23
11 68 13 00-0286	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D).....	996.62	72.01
11 68 13 00-0287	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A).....	205.92	14.88
11 68 13 00-0288	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B).....	197.68	14.29
11 68 13 00-0289	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A).....	224.04	16.18
11 68 13 00-0290	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B).....	214.15	15.47
11 68 13 00-0291	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A).....	6,014.64	134.82
11 68 13 00-0292	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A).....	3,190.80	80.89

**11 68 13 00-0293 Playground Equipment (Landscape Structures® Independent Pieces)** (11 68 13 00-0121)

11 68 13 00-0294	EA	9-Blocks, Block Climber (Landscape Structures® 117966A).....	2,516.68	134.82
11 68 13 00-0295	EA	12-Blocks, Block Climber (Landscape Structures® 117966B).....	2,863.95	134.82
11 68 13 00-0296	EA	116-Blocks, Block Climber (Landscape Structures® 117966C).....	3,521.34	161.78
11 68 13 00-0297	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A).....	2,654.85	107.86
11 68 13 00-0298	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A).....	4,420.32	179.76
11 68 13 00-0299	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A).....	3,007.69	80.89
11 68 13 00-0300	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A).....	8,012.83	242.67
11 68 13 00-0301	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A).....	7,278.17	161.78
11 68 13 00-0302	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B).....	5,339.04	134.82
11 68 13 00-0303	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C).....	6,308.61	148.29
11 68 13 00-0304	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D).....	8,247.74	175.26
11 68 13 00-0305	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E).....	9,217.32	188.74
11 68 13 00-0306	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F).....	7,088.75	161.78
11 68 13 00-0307	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G).....	5,212.76	134.82
11 68 13 00-0308	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H).....	6,150.76	148.29
11 68 13 00-0309	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I).....	8,026.75	175.26
11 68 13 00-0310	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J).....	8,964.76	188.74
11 68 13 00-0311	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A).....	279.95	22.47
11 68 13 00-0312	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A).....	286.26	22.47
11 68 13 00-0313	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A).....	292.57	22.47
11 68 13 00-0314	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A).....	298.89	22.47
11 68 13 00-0315	EA	Track Ride Curved (Landscape Structures® 118093A).....	2,975.38	53.93
11 68 13 00-0316	EA	18" Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A).....	4,436.87	161.78
11 68 13 00-0317	EA	18" Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B).....	4,310.59	161.78
11 68 13 00-0318	EA	10" Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A).....	3,704.45	161.78
11 68 13 00-0319	EA	10" Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B).....	3,451.89	161.78
11 68 13 00-0320	EA	18" Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A).....	3,862.30	161.78
11 68 13 00-0321	EA	18" Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B).....	3,736.02	161.78
11 68 13 00-0322	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A).....	354.32	26.96
11 68 13 00-0323	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A).....	13,476.66	323.56
11 68 13 00-0324	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A).....	11,429.05	485.34
11 68 13 00-0325	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A).....	3,720.04	269.63
11 68 13 00-0326	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A).....	4,788.98	107.86
11 68 13 00-0327	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A).....	7,647.35	269.63
11 68 13 00-0328	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A).....	466.59	35.95
11 68 13 00-0329	EA	Straight Crawl Tunnel (Landscape Structures® 100005A).....	1,530.21	80.89
11 68 13 00-0330	EA	Curved Crawl Tunnel (Landscape Structures® 100005D).....	1,965.88	80.89
11 68 13 00-0331	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A).....	349.50	80.89
11 68 13 00-0332	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A).....	526.29	80.89
11 68 13 00-0333	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B).....	705.30	161.78
11 68 13 00-0334	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C).....	1,090.45	161.78
11 68 13 00-0335	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D).....	705.30	161.78
11 68 13 00-0336	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E).....	1,090.45	161.78
11 68 13 00-0337	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A).....	3,731.19	215.71
11 68 13 00-0338	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B).....	3,672.88	161.78





	<b>Equipment</b>	<b>11</b>
	<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
	<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0339 EA Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A) .....	1,650.92	107.86
11 68 13 00-0340 EA Clear Paint Panel, Surface Mount (Landscape Structures® 112621A) .....	682.64	26.96
11 68 13 00-0341 EA Clear Paint Panel, Direct Bury (Landscape Structures® 112621B) .....	578.84	40.45
11 68 13 00-0342 EA Dino Climber, Direct Bury (Landscape Structures® 100122A) .....	10,045.19	215.71
11 68 13 00-0343 EA Dino Climber, Surface Mount (Landscape Structures® 100122B) .....	10,499.06	188.74
11 68 13 00-0344 EA Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B) .....	2,687.89	161.78
11 68 13 00-0345 EA Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A) .....	2,757.35	161.78
11 68 13 00-0346 EA Wiggle Worm Craw Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A) .....	3,305.93	134.82
11 68 13 00-0347 EA Wiggle Worm Craw Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B) .....	2,307.58	107.86
11 68 13 00-0348 EA Kids In Motion, Saddle Spinner (Landscape Structures® 152179A) .....	1,010.97	26.96
11 68 13 00-0349 EA Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A) .....	1,478.96	53.93
11 68 13 00-0350 EA Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B) .....	1,415.82	53.93
11 68 13 00-0351 EA Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A) .....	387.28	22.47
11 68 13 00-0352 EA Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A) .....	5,252.86	215.71
11 68 13 00-0353 EA Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A) .....	1,772.36	161.78
11 68 13 00-0354 EA Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B) .....	1,646.08	161.78
11 68 13 00-0355 EA Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C) .....	2,113.32	161.78
11 68 13 00-0356 EA Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A) .....	1,497.15	26.96
11 68 13 00-0357 EA Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A) .....	2,041.65	80.89
11 68 13 00-0358 EA Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A) .....	3,721.91	107.86
11 68 13 00-0359 EA Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A) .....	5,395.87	134.82
11 68 13 00-0360 EA Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A) .....	2,186.13	53.93
11 68 13 00-0361 EA Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B) .....	1,876.74	53.93
11 68 13 00-0362 EA 2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A) .....	2,426.06	53.93
11 68 13 00-0363 EA 2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B) .....	2,085.10	53.93
11 68 13 00-0364 EA 4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A) .....	2,943.81	53.93
11 68 13 00-0365 EA 4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B) .....	2,615.48	53.93
11 68 13 00-0366 EA Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A) .....	276.42	8.98
11 68 13 00-0367 EA Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B) .....	225.91	8.98
11 68 13 00-0368 EA Stationary Cyclor, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A) .....	989.99	67.41
11 68 13 00-0369 EA Stationary Cyclor, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A) .....	907.17	40.45
11 68 13 00-0370 EA Stationary Cyclor, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B) .....	914.22	67.41
11 68 13 00-0371 EA Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B) .....	1,366.05	80.89
11 68 13 00-0372 EA Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A) .....	219.59	8.98
11 68 13 00-0373 EA Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B) .....	181.71	8.98
11 68 13 00-0374 EA Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B) .....	1,154.15	67.41
11 68 13 00-0375 EA Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B) .....	1,157.69	80.89
11 68 13 00-0376 EA Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B) .....	1,145.06	80.89
11 68 13 00-0377 EA Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B) .....	1,366.05	80.89
11 68 13 00-0378 EA RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B) .....	1,141.52	67.41
11 68 13 00-0379 EA T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B) .....	1,145.06	80.89
11 68 13 00-0380 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A) .....	1,729.48	94.38
11 68 13 00-0381 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B) .....	1,833.29	80.89
11 68 13 00-0382 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A) .....	1,559.00	94.38
11 68 13 00-0383 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B) .....	1,656.49	80.89
11 68 13 00-0384 EA Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A) .....	1,179.41	67.41
11 68 13 00-0385 EA Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A) .....	961.21	53.93
11 68 13 00-0386 EA Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A) .....	964.73	67.41
11 68 13 00-0387 EA Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A) .....	952.10	67.41
11 68 13 00-0388 EA Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A) .....	1,179.41	67.41
11 68 13 00-0389 EA RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A) .....	954.90	53.93
11 68 13 00-0390 EA T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A) .....	952.10	67.41
11 68 13 00-0391 EA Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B) .....	1,210.98	67.41
11 68 13 00-0392 EA Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B) .....	1,299.37	67.41
11 68 13 00-0393 EA Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B) .....	1,236.23	67.41
11 68 13 00-0394 EA Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A) .....	1,030.67	53.93
11 68 13 00-0395 EA Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A) .....	1,112.75	53.93
11 68 13 00-0396 EA Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A) .....	1,055.92	53.93
11 68 13 00-0397 EA SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A) .....	7,655.15	323.56
11 68 13 00-0398 EA 40" Poly Slide, 40" Deck (Landscape Structures® 100046A) .....	4,133.07	134.82
11 68 13 00-0399 EA Wave Poly Slide, 72" Deck (Landscape Structures® 100046C) .....	5,029.65	134.82
11 68 13 00-0400 EA Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A) .....	15,117.91	539.27
11 68 13 00-0401 EA Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A) .....	2,579.08	107.86
11 68 13 00-0402 EA Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B) .....	1,391.31	80.89
11 68 13 00-0403 EA 12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A) .....	28,682.96	862.83
11 68 13 00-0404 EA 7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A) .....	15,613.37	647.13
11 68 13 00-0405 EA 6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A) .....	14,091.69	647.13
11 68 13 00-0406 EA 3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A) .....	6,831.36	215.71
11 68 13 00-0407 EA 4", Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A) .....	976.63	40.45
11 68 13 00-0408 EA 6", Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B) .....	1,096.59	40.45
11 68 13 00-0409 EA Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A) .....	3,451.89	161.78
11 68 13 00-0410 EA 4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A) .....	724.07	40.45
11 68 13 00-0411 EA 6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B) .....	787.21	40.45
11 68 13 00-0412 EA Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A) .....	3,262.69	215.71
11 68 13 00-0413 EA Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C) .....	3,156.61	215.71
11 68 13 00-0414 EA Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A) .....	2,085.33	107.86
11 68 13 00-0415 EA Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C) .....	1,979.25	107.86
11 68 13 00-0416 EA Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A) .....	1,627.14	161.78

**11 Equipment**  
**11 60 Entertainment and Recreation Equipment**  
**11 68 Play Field Equipment And Structures**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0417	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B).....	1,733.22	161.78
11 68	13 00-0418	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A).....	1,208.20	80.89
11 68	13 00-0419	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B).....	1,314.28	80.89
11 68	13 00-0420	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A).....	1,898.64	161.78
11 68	13 00-0421	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B).....	2,004.72	161.78
11 68	13 00-0422	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A).....	1,479.70	80.89
11 68	13 00-0423	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B).....	1,585.78	80.89
11 68	13 00-0424	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A).....	758.41	26.96
11 68	13 00-0425	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A).....	3,775.38	215.71
11 68	13 00-0426	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A).....	2,692.73	107.86
11 68	13 00-0427	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B).....	3,409.17	215.71
11 68	13 00-0428	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B).....	2,238.12	107.86
11 68	13 00-0429	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B).....	1,695.12	107.86
11 68	13 00-0430	EA	Curved Balance Beam (Landscape Structures® 100041A).....	731.78	35.95
11 68	13 00-0431	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A).....	1,286.74	67.41
11 68	13 00-0432	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A).....	2,781.13	107.86
11 68	13 00-0433	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B).....	3,122.08	107.86
11 68	13 00-0434	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C).....	2,774.81	107.86
11 68	13 00-0435	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D).....	3,115.77	107.86
11 68	13 00-0436	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A).....	13,260.83	970.68
11 68	13 00-0437	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B).....	12,844.10	970.68
11 68	13 00-0438	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B).....	8,282.81	647.13
11 68	13 00-0439	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A).....	8,459.61	647.13
11 68	13 00-0440	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A).....	1,909.80	107.86
11 68	13 00-0441	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B).....	1,846.66	107.86
11 68	13 00-0442	EA	30' Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A).....	15.23	4.50
11 68	13 00-0443	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A).....	51.92	4.50
11 68	13 00-0444	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A).....	724.71	8.98
11 68	13 00-0445	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A).....	388.68	13.48
11 68	13 00-0446	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A).....	388.68	13.48
11 68	13 00-0447	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A).....	363.43	13.48
11 68	13 00-0448	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A).....	761.21	13.48
11 68	13 00-0449	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A).....	641.24	13.48
11 68	13 00-0450	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A).....	641.24	13.48
11 68	13 00-0451	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A).....	213.28	8.98
11 68	13 00-0452	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A).....	518.48	26.96
11 68	13 00-0453	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A).....	268.72	13.48
11 68	13 00-0454	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A).....	256.09	13.48
11 68	13 00-0455	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A).....	80.68	8.98
11 68	13 00-0456	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A).....	75.63	8.98
11 68	13 00-0457	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A).....	5.72	1.34
11 68	13 00-0458	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A).....	9.16	
11 68	13 00-0459	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A).....	192.95	13.48
11 68	13 00-0460	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A).....	61.74	6.74
11 68	13 00-0461	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B).....	224.52	13.48
11 68	13 00-0462	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C).....	186.63	13.48
11 68	13 00-0463	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A).....	3,355.70	107.86
11 68	13 00-0464	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A).....	118.57	6.74
11 68	13 00-0465	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B).....	118.57	6.74
11 68	13 00-0466	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C).....	118.57	6.74
11 68	13 00-0467	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D).....	118.57	6.74
11 68	13 00-0468	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E).....	118.57	6.74
11 68	13 00-0469	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F).....	118.57	6.74
11 68	13 00-0470	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A).....	124.88	6.74
11 68	13 00-0471	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A).....	1,737.83	53.93
11 68	13 00-0472	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B).....	1,790.87	53.93
11 68	13 00-0473	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A).....	63.14	
11 68	13 00-0474	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A).....	1,870.43	53.93
11 68	13 00-0475	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B).....	1,923.47	53.93
11 68	13 00-0476	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A).....	2,256.32	80.89
11 68	13 00-0477	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A).....	18,654.14	323.56
11 68	13 00-0478	EA	The Pointe Natural Climber (Landscape Structures® 156067A).....	10,506.11	215.71
11 68	13 00-0479	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A).....	10,506.11	215.71
11 68	13 00-0480	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A).....	1,409.51	53.93
11 68	13 00-0481	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B).....	1,515.58	53.93
11 68	13 00-0482	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C).....	1,573.67	53.93
11 68	13 00-0483	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D).....	1,679.75	53.93
11 68	13 00-0484	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A).....	815.24	26.96
11 68	13 00-0485	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B).....	921.31	26.96



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0486 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C).....	872.06	26.96
11 68 13 00-0487 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D).....	978.14	26.96
11 68 13 00-0488 EA 5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A).....	1,472.65	53.93
11 68 13 00-0489 EA 5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B).....	1,634.28	53.93
11 68 13 00-0490 EA 5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C).....	1,636.81	53.93
11 68 13 00-0491 EA 5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D).....	1,798.45	53.93
11 68 13 00-0492 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A).....	865.75	26.96
11 68 13 00-0493 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B).....	1,072.34	53.93
11 68 13 00-0494 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C).....	922.58	26.96
11 68 13 00-0495 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D).....	1,129.16	53.93
11 68 13 00-0496 EA 5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A).....	1,535.79	53.93
11 68 13 00-0497 EA 5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B).....	1,641.86	53.93
11 68 13 00-0498 EA 5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C).....	1,699.95	53.93
11 68 13 00-0499 EA 5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D).....	1,806.03	53.93
11 68 13 00-0500 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A).....	935.20	26.96
11 68 13 00-0501 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B).....	1,086.23	53.93
11 68 13 00-0502 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C).....	992.03	26.96
11 68 13 00-0503 EA 5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D).....	1,143.06	53.93
11 68 13 00-0504 EA 5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A).....	1,598.93	53.93
11 68 13 00-0505 EA 5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B).....	1,760.56	53.93
11 68 13 00-0506 EA 5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C).....	1,763.09	53.93
11 68 13 00-0507 EA 5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D).....	1,924.73	53.93
11 68 13 00-0508 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A).....	992.03	26.96
11 68 13 00-0509 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B).....	1,198.62	53.93
11 68 13 00-0510 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C).....	1,093.81	53.93
11 68 13 00-0511 EA 5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D).....	1,255.44	53.93
11 68 13 00-0512 EA Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A).....	1,409.51	53.93
11 68 13 00-0513 EA Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B).....	1,573.67	53.93
11 68 13 00-0514 EA T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A).....	1,182.20	53.93
11 68 13 00-0515 EA T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B).....	1,352.68	53.93
11 68 13 00-0516 EA Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A).....	1,194.83	53.93
11 68 13 00-0517 EA Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B).....	1,365.31	53.93
11 68 13 00-0518 EA Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A).....	1,182.20	53.93
11 68 13 00-0519 EA Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B).....	1,352.68	53.93
11 68 13 00-0520 EA Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A).....	1,409.51	53.93
11 68 13 00-0521 EA Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B).....	1,573.67	53.93
11 68 13 00-0522 EA Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A).....	1,289.54	53.93
11 68 13 00-0523 EA Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B).....	1,441.08	53.93
11 68 13 00-0524 EA Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A).....	1,365.31	53.93
11 68 13 00-0525 EA Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B).....	1,529.47	53.93
11 68 13 00-0526 EA Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A).....	1,308.48	53.93
11 68 13 00-0527 EA Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B).....	1,466.33	53.93
11 68 13 00-0528 EA Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A).....	1,358.99	53.93
11 68 13 00-0529 EA Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A).....	1,902.00	53.93
11 68 13 00-0530 EA 8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A).....	935.20	26.96
11 68 13 00-0531 EA 16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B).....	941.52	26.96
11 68 13 00-0532 EA 24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C).....	947.83	26.96
11 68 13 00-0533 EA Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A).....	1,699.95	53.93
11 68 13 00-0534 EA Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B).....	2,938.24	80.89
11 68 13 00-0535 EA Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C).....	4,454.34	107.86
11 68 13 00-0536 EA Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D).....	5,553.72	134.82
11 68 13 00-0537 EA 10", Pod Climber, One Pod Only (Landscape Structures® 158997A).....	268.72	13.48
11 68 13 00-0538 EA 20", Pod Climber, One Pod Only (Landscape Structures® 158998A).....	281.34	13.48
11 68 13 00-0539 EA CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A).....	9,748.43	215.71
11 68 13 00-0540 EA CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A).....	5,161.51	107.86

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0541	EA		CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B).....	5,301.16	134.82
11 68 13 00-0542	EA		CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C).....	5,389.55	134.82
11 68 13 00-0543	EA		CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A).....	6,589.21	134.82
11 68 13 00-0544	EA		CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B).....	6,677.61	134.82
11 68 13 00-0545	EA		CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C).....	6,778.63	134.82
11 68 13 00-0546	EA		CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A).....	8,383.12	161.78
11 68 13 00-0547	EA		CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B).....	8,484.14	161.78
11 68 13 00-0548	EA		CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C).....	8,578.85	161.78
11 68 13 00-0549	EA		Stationary Cycluser, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A).....	1,548.41	53.93
11 68 13 00-0550	EA		Stationary Cycluser, Handles Only, With Aluminum Posts (Landscape Structures® 160055B).....	1,327.42	53.93
11 68 13 00-0551	EA		Stationary Cycluser, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C).....	1,946.20	53.93
11 68 13 00-0552	EA		Stationary Cycluser, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D).....	1,327.42	53.93
11 68 13 00-0553	EA		Stationary Cycluser, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E).....	1,510.53	53.93
11 68 13 00-0554	EA		Stationary Cycluser, Handles Only, With Steel Posts (Landscape Structures® 160055F).....	1,289.54	53.93
11 68 13 00-0555	EA		Stationary Cycluser, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G).....	1,908.31	53.93
11 68 13 00-0556	EA		Stationary Cycluser, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H).....	1,289.54	53.93
11 68 13 00-0557	EA		Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A).....	2,262.64	80.89
11 68 13 00-0558	EA		Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B).....	2,224.75	80.89
11 68 13 00-0559	EA		Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A).....	3,917.65	107.86
11 68 13 00-0560	EA		Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B).....	3,879.76	107.86
11 68 13 00-0561	EA		The Peak Natural Climber (Landscape Structures® 160418A).....	5,692.62	134.82
11 68 13 00-0562	EA		The Stepper Natural Climbing Stone (Landscape Structures® 160419A).....	2,868.78	80.89
11 68 13 00-0563	EA		Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A).....	7,094.33	134.82
11 68 13 00-0564	EA		HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A).....	5,224.65	107.86
11 68 13 00-0565	EA		HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B).....	4,946.83	107.86
11 68 13 00-0566	EA		HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A).....	5,224.65	107.86
11 68 13 00-0567	EA		HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B).....	4,946.83	107.86
11 68 13 00-0568	EA		HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A).....	2,799.33	80.89
11 68 13 00-0569	EA		HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B).....	2,515.20	80.89
11 68 13 00-0570	EA		HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A).....	6,532.39	134.82
11 68 13 00-0571	EA		HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B).....	6,254.57	134.82
11 68 13 00-0572	EA		HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A).....	2,515.20	80.89
11 68 13 00-0573	EA		HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B).....	2,237.38	80.89
11 68 13 00-0574	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures® 161314A).....	2,445.74	80.89
11 68 13 00-0575	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B).....	2,237.38	80.89
11 68 13 00-0576	EA		HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A).....	2,938.24	80.89
11 68 13 00-0577	EA		HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B).....	3,077.14	80.89
11 68 13 00-0578	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A).....	2,306.84	80.89
11 68 13 00-0579	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B).....	2,237.38	80.89
11 68 13 00-0580	EA		HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A).....	2,938.24	80.89
11 68 13 00-0581	EA		HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B).....	3,077.14	80.89
11 68 13 00-0582	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A).....	1,068.55	53.93
11 68 13 00-0583	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B).....	745.78	26.96
11 68 13 00-0584	EA		Global Releaf Sign With Frame (Landscape Structures® 162617A).....	663.70	26.96
11 68 13 00-0585	EA		Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A).....	865.75	26.96
11 68 13 00-0586	EA		Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B).....	1,081.18	53.93
11 68 13 00-0587	EA		Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A).....	1,668.38	53.93
11 68 13 00-0588	EA		Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B).....	1,794.66	53.93
11 68 13 00-0589	EA		16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A).....	1,264.28	53.93
11 68 13 00-0590	EA		24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B).....	1,276.91	53.93
11 68 13 00-0591			<b>Playground Equipment (Landscape Structures® PlayBooster®)</b> <small>(11 68 13 00-0121)</small>		
11 68 13 00-0592	EA		116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A).....	1,175.89	53.93
11 68 13 00-0593	EA		Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A).....	1,264.28	53.93
11 68 13 00-0594	EA		Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A).....	499.54	26.96
11 68 13 00-0595	EA		Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B).....	474.28	26.96
11 68 13 00-0596	EA		182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A).....	388.68	13.48
11 68 13 00-0597	EA		174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B).....	382.37	13.48
11 68 13 00-0598	EA		166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C).....	363.43	13.48
11 68 13 00-0599	EA		158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D).....	357.11	13.48
11 68 13 00-0600	EA		150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E).....	338.17	13.48
11 68 13 00-0601	EA		142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F).....	331.86	13.48
11 68 13 00-0602	EA		134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G).....	319.23	13.48
11 68 13 00-0603	EA		126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H).....	312.91	13.48
11 68 13 00-0604	EA		118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I).....	293.97	13.48
11 68 13 00-0605	EA		110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J).....	287.66	13.48
11 68 13 00-0606	EA		148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A).....	338.17	13.48
11 68 13 00-0607	EA		140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B).....	325.54	13.48
11 68 13 00-0608	EA		132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C).....	319.23	13.48
11 68 13 00-0609	EA		124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D).....	312.91	13.48
11 68 13 00-0610	EA		116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E).....	293.97	13.48



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0611 EA 108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F).....	287.66	13.48
11 68 13 00-0612 EA 100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G).....	281.34	13.48
11 68 13 00-0613 EA 92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H).....	268.72	13.48
11 68 13 00-0614 EA 84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I).....	256.09	13.48
11 68 13 00-0615 EA 76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J).....	237.15	13.48
11 68 13 00-0616 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A).....	467.97	26.96
11 68 13 00-0617 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B).....	449.03	26.96
11 68 13 00-0618 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C).....	430.08	26.96
11 68 13 00-0619 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D).....	395.00	13.48
11 68 13 00-0620 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E).....	388.68	13.48
11 68 13 00-0621 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F).....	376.05	13.48
11 68 13 00-0622 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G).....	357.11	13.48
11 68 13 00-0623 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H).....	350.80	13.48
11 68 13 00-0624 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I).....	338.17	13.48
11 68 13 00-0625 EA ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A).....	3,883.95	89.88
11 68 13 00-0626 EA TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A).....	4,868.46	242.67
11 68 13 00-0627 EA Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A).....	1,627.70	67.41
11 68 13 00-0628 EA Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B).....	1,810.81	67.41
11 68 13 00-0629 EA Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A).....	2,098.47	80.89
11 68 13 00-0630 EA 40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A).....	2,586.04	76.40
11 68 13 00-0631 EA 48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B).....	2,950.86	80.89
11 68 13 00-0632 EA 56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C).....	3,127.66	80.89
11 68 13 00-0633 EA 64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D).....	3,505.11	89.88
11 68 13 00-0634 EA 72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E).....	3,675.59	89.88
11 68 13 00-0635 EA 96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F).....	4,920.18	116.84
11 68 13 00-0636 EA Firepole With Permalene® Handholds 32"-48" Deck (Landscape Structures® PlayBooster® 148426A).....	727.59	53.93
11 68 13 00-0637 EA Firepole With Permalene® Handholds 56"-72" Deck (Landscape Structures® PlayBooster® 148426B).....	746.54	53.93
11 68 13 00-0638 EA Firepole With SteelX® Handholds 32"-48" Deck (Landscape Structures® PlayBooster® 148435A).....	1,005.41	53.93
11 68 13 00-0639 EA Firepole With SteelX® Handholds 56"-72" Deck (Landscape Structures® PlayBooster® 148435B).....	1,036.98	53.93
11 68 13 00-0640 EA 32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A).....	3,849.67	161.78
11 68 13 00-0641 EA 40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B).....	4,468.44	161.78
11 68 13 00-0642 EA 48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C).....	4,828.34	161.78
11 68 13 00-0643 EA 56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D).....	5,675.90	215.71
11 68 13 00-0644 EA 64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E).....	5,821.12	215.71
11 68 13 00-0645 EA 72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F).....	6,843.99	215.71
11 68 13 00-0646 EA 96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G).....	8,051.45	269.63
11 68 13 00-0647 EA 40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A).....	6,453.08	121.34
11 68 13 00-0648 EA 56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B).....	8,120.73	148.29
11 68 13 00-0649 EA Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A).....	1,390.56	53.93
11 68 13 00-0650 EA 32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A).....	1,833.29	80.89
11 68 13 00-0651 EA 40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B).....	2,054.28	80.89
11 68 13 00-0652 EA 48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C).....	2,300.52	80.89
11 68 13 00-0653 EA 56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D).....	2,591.71	107.86
11 68 13 00-0654 EA 64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E).....	2,705.36	107.86
11 68 13 00-0655 EA 72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F).....	3,109.46	107.86
11 68 13 00-0656 EA 96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G).....	3,710.03	134.82
11 68 13 00-0657 EA 72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A).....	5,520.83	202.22
11 68 13 00-0658 EA 72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B).....	5,764.94	184.25
11 68 13 00-0659 EA 56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C).....	4,990.46	202.22
11 68 13 00-0660 EA 56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D).....	5,215.62	184.25
11 68 13 00-0661 EA 32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A).....	1,987.60	67.41
11 68 13 00-0662 EA 48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B).....	2,170.70	67.41
11 68 13 00-0663 EA 64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C).....	2,701.08	67.41
11 68 13 00-0664 EA 32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A).....	2,208.59	67.41
11 68 13 00-0665 EA 48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B).....	2,391.69	67.41
11 68 13 00-0666 EA 64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C).....	2,934.70	67.41
11 68 13 00-0667 EA 32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A).....	2,252.79	67.41
11 68 13 00-0668 EA 40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B).....	2,391.69	67.41
11 68 13 00-0669 EA 48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C).....	2,756.52	76.40
11 68 13 00-0670 EA 56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D).....	2,912.98	80.89
11 68 13 00-0671 EA 64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E).....	3,266.56	80.89
11 68 13 00-0672 EA 72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F).....	3,386.53	80.89
11 68 13 00-0673 EA 96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G).....	4,466.97	107.86
11 68 13 00-0674 EA Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A).....	802.61	26.96
11 68 13 00-0675 EA Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A).....	1,424.92	40.45
11 68 13 00-0676 EA Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A).....	3,234.99	80.89
11 68 13 00-0677 EA 32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A).....	2,031.15	103.36
11 68 13 00-0678 EA 40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B).....	2,384.73	103.36
11 68 13 00-0679 EA 32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A).....	2,315.28	103.36
11 68 13 00-0680 EA 40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B).....	2,681.49	103.36
11 68 13 00-0681 EA Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A).....	2,554.47	76.40
11 68 13 00-0682 EA Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A).....	2,496.26	80.89
11 68 13 00-0683 EA Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B).....	2,685.68	80.89
11 68 13 00-0684 EA Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A).....	3,026.63	80.89
11 68 13 00-0685 EA Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B).....	3,209.74	80.89
11 68 13 00-0686 EA Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B).....	1,164.00	80.89
11 68 13 00-0687 EA Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C).....	1,233.46	80.89
11 68 13 00-0688 EA Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D).....	1,321.85	80.89
11 68 13 00-0689 EA Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A).....	1,618.61	80.89

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0690 EA Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B).....	1,688.06	80.89
11 68 13 00-0691 EA Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C).....	1,776.46	80.89
11 68 13 00-0692 EA Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D).....	1,845.91	80.89
11 68 13 00-0693 EA Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A).....	2,654.85	107.86
11 68 13 00-0694 EA Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A).....	3,450.41	107.86
11 68 13 00-0695 EA Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B).....	3,917.65	107.86
11 68 13 00-0696 EA Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A).....	4,934.20	107.86
11 68 13 00-0697 EA Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B).....	4,441.71	107.86
11 68 13 00-0698 EA Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C).....	3,917.65	107.86
11 68 13 00-0699 EA Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D).....	3,374.64	107.86
11 68 13 00-0700 EA Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A).....	4,744.78	107.86
11 68 13 00-0701 EA Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B).....	4,441.71	107.86
11 68 13 00-0702 EA Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C).....	4,138.64	107.86
11 68 13 00-0703 EA 48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A).....	2,054.28	80.89
11 68 13 00-0704 EA 64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B).....	2,691.99	80.89
11 68 13 00-0705 EA 24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A).....	1,596.13	67.41
11 68 13 00-0706 EA 48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A).....	1,363.91	62.91
11 68 13 00-0707 EA 48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A).....	1,856.40	62.91
11 68 13 00-0708 EA 48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A).....	1,635.41	62.91
11 68 13 00-0709 EA 40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A).....	1,438.28	67.41
11 68 13 00-0710 EA 48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B).....	1,514.05	67.41
11 68 13 00-0711 EA 64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C).....	1,577.19	67.41
11 68 13 00-0712 EA 40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A).....	882.65	67.41
11 68 13 00-0713 EA 48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B).....	933.16	67.41
11 68 13 00-0714 EA 64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C).....	1,015.24	67.41
11 68 13 00-0715 EA 40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A).....	1,154.15	67.41
11 68 13 00-0716 EA 48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B).....	1,204.66	67.41
11 68 13 00-0717 EA 64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C).....	1,274.12	67.41
11 68 13 00-0718 EA 48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A).....	1,577.19	67.41
11 68 13 00-0719 EA 56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B).....	1,589.82	67.41
11 68 13 00-0720 EA 64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C).....	1,886.57	67.41
11 68 13 00-0721 EA 72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D).....	1,899.20	67.41
11 68 13 00-0722 EA 48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A).....	1,842.38	67.41
11 68 13 00-0723 EA 56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B).....	1,873.95	67.41
11 68 13 00-0724 EA 64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C).....	2,170.70	67.41
11 68 13 00-0725 EA 72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D).....	2,189.65	67.41
11 68 13 00-0726 EA 72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A).....	3,655.25	94.38
11 68 13 00-0727 EA 40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B).....	2,973.33	94.38
11 68 13 00-0728 EA 32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A).....	1,018.04	53.93
11 68 13 00-0729 EA 56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B).....	1,156.95	53.93
11 68 13 00-0730 EA 32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A).....	1,295.85	53.93
11 68 13 00-0731 EA 56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B).....	1,472.65	53.93
11 68 13 00-0732 EA 64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A).....	3,536.01	121.34
11 68 13 00-0733 EA SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A).....	5,017.59	40.45
11 68 13 00-0734 EA Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A).....	4,896.32	107.86
11 68 13 00-0735 EA Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B).....	4,896.32	107.86
11 68 13 00-0736 EA Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C).....	4,896.32	107.86
11 68 13 00-0737 EA SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A).....	5,017.59	40.45
11 68 13 00-0738 EA Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A).....	3,133.23	53.93
11 68 13 00-0739 EA SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A).....	6,479.65	53.93
11 68 13 00-0740 EA Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A).....	3,540.84	67.41
11 68 13 00-0741 EA Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A).....	148.75	13.48
11 68 13 00-0742 EA Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A).....	174.01	13.48
11 68 13 00-0743 EA Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A).....	698.07	13.48
11 68 13 00-0744 EA Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A).....	237.15	13.48
11 68 13 00-0745 EA 40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A).....	2,155.30	80.89
11 68 13 00-0746 EA 48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B).....	2,319.46	80.89
11 68 13 00-0747 EA 40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A).....	2,433.12	80.89
11 68 13 00-0748 EA 48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B).....	2,666.73	80.89
11 68 13 00-0749 EA 40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A).....	2,433.12	80.89
11 68 13 00-0750 EA 48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B).....	2,616.22	80.89
11 68 13 00-0751 EA 1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A).....	1,216.56	40.45
11 68 13 00-0752 EA 2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B).....	1,746.93	40.45
11 68 13 00-0753 EA 3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C).....	2,283.62	40.45
11 68 13 00-0754 EA 4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D).....	2,814.00	40.45
11 68 13 00-0755 EA 1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A).....	1,172.36	40.45
11 68 13 00-0756 EA 2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B).....	1,349.15	40.45
11 68 13 00-0757 EA 3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C).....	1,532.26	40.45
11 68 13 00-0758 EA 4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D).....	1,608.03	40.45



	<b>Equipment</b>	<b>11</b>
	<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
	<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0759 EA 1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A).....	1,412.29	40.45
11 68 13 00-0760 EA 2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B).....	1,601.71	40.45
11 68 13 00-0761 EA 3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C).....	1,775.50	40.45
11 68 13 00-0762 EA 4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D).....	1,955.30	40.45
11 68 13 00-0763 EA 48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A).....	3,345.86	94.38
11 68 13 00-0764 EA 64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B).....	3,434.26	94.38
11 68 13 00-0765 EA 48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C).....	3,383.74	94.38
11 68 13 00-0766 EA 48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A).....	3,907.81	94.38
11 68 13 00-0767 EA 64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B).....	3,996.20	94.38
11 68 13 00-0768 EA 48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C).....	3,958.32	94.38
11 68 13 00-0769 EA 40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A).....	1,261.49	67.41
11 68 13 00-0770 EA 56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B).....	1,394.08	67.41
11 68 13 00-0771 EA 64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C).....	1,532.99	67.41
11 68 13 00-0772 EA 40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A).....	1,637.55	80.89
11 68 13 00-0773 EA 56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B).....	1,776.46	80.89
11 68 13 00-0774 EA 64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C).....	1,909.05	80.89
11 68 13 00-0775 EA 40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A).....	1,539.30	67.41
11 68 13 00-0776 EA 56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B).....	1,665.58	67.41
11 68 13 00-0777 EA 64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C).....	1,810.81	67.41
11 68 13 00-0778 EA 40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A).....	866.50	53.93
11 68 13 00-0779 EA 40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A).....	1,144.32	53.93
11 68 13 00-0780 EA 32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A).....	1,018.04	53.93
11 68 13 00-0781 EA 56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B).....	1,106.43	53.93
11 68 13 00-0782 EA 32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A).....	1,295.85	53.93
11 68 13 00-0783 EA 56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B).....	1,371.62	53.93
11 68 13 00-0784 EA 24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A).....	763.35	35.95
11 68 13 00-0785 EA 32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B).....	845.43	35.95
11 68 13 00-0786 EA 40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C).....	946.45	35.95
11 68 13 00-0787 EA 48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D).....	1,134.48	40.45
11 68 13 00-0788 EA 56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E).....	1,286.01	40.45
11 68 13 00-0789 EA 64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F).....	1,424.92	40.45
11 68 13 00-0790 EA 72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G).....	1,614.34	40.45
11 68 13 00-0791 EA 48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A).....	1,683.79	40.45
11 68 13 00-0792 EA 64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B).....	1,746.93	40.45
11 68 13 00-0793 EA 48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A).....	1,961.61	40.45
11 68 13 00-0794 EA 64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B).....	2,031.06	40.45
11 68 13 00-0795 EA 48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A).....	1,634.01	67.41
11 68 13 00-0796 EA 64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B).....	1,716.10	67.41
11 68 13 00-0797 EA 48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A).....	2,250.01	80.89
11 68 13 00-0798 EA 64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B).....	2,351.03	80.89
11 68 13 00-0799 EA 48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A).....	1,911.83	67.41
11 68 13 00-0800 EA 64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B).....	1,987.60	67.41
11 68 13 00-0801 EA 32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A).....	847.56	53.93
11 68 13 00-0802 EA 40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B).....	1,156.95	53.93
11 68 13 00-0803 EA 56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C).....	1,464.93	62.91
11 68 13 00-0804 EA 72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D).....	1,780.63	62.91
11 68 13 00-0805 EA 32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A).....	1,415.82	53.93
11 68 13 00-0806 EA 40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B).....	1,510.53	53.93
11 68 13 00-0807 EA 48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C).....	1,731.52	53.93
11 68 13 00-0808 EA 64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D).....	1,952.51	53.93
11 68 13 00-0809 EA 32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A).....	1,699.95	53.93
11 68 13 00-0810 EA 40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B).....	1,788.35	53.93
11 68 13 00-0811 EA 48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C).....	2,009.34	53.93
11 68 13 00-0812 EA 64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D).....	2,236.64	53.93
11 68 13 00-0813 EA Mini Summit Climber 40"-48" Decks (Landscape Structures® PlayBooster® 153076A).....	1,007.41	80.89
11 68 13 00-0814 EA 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A).....	1,232.71	53.93
11 68 13 00-0815 EA PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A).....	1,328.17	80.89
11 68 13 00-0816 EA 48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A).....	5,530.68	215.71
11 68 13 00-0817 EA 48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B).....	5,530.68	215.71
11 68 13 00-0818 EA 48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A).....	1,093.81	53.93
11 68 13 00-0819 EA 56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B).....	1,093.81	53.93
11 68 13 00-0820 EA 64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C).....	1,213.77	53.93
11 68 13 00-0821 EA 72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D).....	1,213.77	53.93
11 68 13 00-0822 EA 24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A).....	698.81	40.45
11 68 13 00-0823 EA 40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B).....	755.64	40.45
11 68 13 00-0824 EA 56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C).....	793.52	40.45
11 68 13 00-0825 EA 64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D).....	844.03	40.45
11 68 13 00-0826 EA 24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A).....	1,121.85	40.45
11 68 13 00-0827 EA 40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B).....	1,172.36	40.45
11 68 13 00-0828 EA 56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C).....	1,216.56	40.45
11 68 13 00-0829 EA 64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D).....	1,273.38	40.45
11 68 13 00-0830 EA 24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A).....	970.31	40.45

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0831	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B) .....	1,008.20	40.45
11 68	13 00-0832	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C).....	1,065.02	40.45
11 68	13 00-0833	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D) .....	1,121.85	40.45
11 68	13 00-0834	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D) .....	787.94	67.41
11 68	13 00-0835	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E) .....	819.51	67.41
11 68	13 00-0836	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F) .....	876.33	67.41
11 68	13 00-0837	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A) .....	1,128.89	67.41
11 68	13 00-0838	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B) .....	1,179.41	67.41
11 68	13 00-0839	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C) .....	1,217.29	67.41
11 68	13 00-0840	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D) .....	1,261.49	67.41
11 68	13 00-0841	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E) .....	1,305.69	67.41
11 68	13 00-0842	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F) .....	1,349.88	67.41
11 68	13 00-0843	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A).....	933.16	67.41
11 68	13 00-0844	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B).....	983.67	67.41
11 68	13 00-0845	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C).....	1,015.24	67.41
11 68	13 00-0846	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D).....	1,046.81	67.41
11 68	13 00-0847	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E).....	1,084.70	67.41
11 68	13 00-0848	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F).....	1,141.52	67.41
11 68	13 00-0849	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A).....	1,668.38	53.93
11 68	13 00-0850	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A).....	1,172.36	40.45
11 68	13 00-0851	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A) .....	2,351.03	80.89
11 68	13 00-0852	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A) .....	581.62	26.96
11 68	13 00-0853	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A).....	1,668.38	53.93
11 68	13 00-0854	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A).....	3,020.32	80.89
11 68	13 00-0855	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A) .....	2,391.69	67.41
11 68	13 00-0856	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A).....	2,250.01	80.89
11 68	13 00-0857	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A).....	2,543.23	67.41
11 68	13 00-0858	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A).....	1,615.07	67.41
11 68	13 00-0859	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A).....	1,042.54	26.96
11 68	13 00-0860	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A) .....	1,017.29	26.96
11 68	13 00-0861	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A) .....	1,074.11	26.96
11 68	13 00-0862	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A).....	821.55	26.96
11 68	13 00-0863	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A).....	1,149.88	26.96
11 68	13 00-0864	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A) .....	916.26	26.96
11 68	13 00-0865	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A).....	1,175.14	26.96
11 68	13 00-0866	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A) .....	2,391.69	67.41
11 68	13 00-0867	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A) .....	1,017.29	26.96
11 68	13 00-0868	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A).....	1,796.70	13.48
11 68	13 00-0869	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A) .....	1,507.00	40.45
11 68	13 00-0870	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B).....	1,330.21	40.45
11 68	13 00-0871	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B).....	1,119.06	53.93
11 68	13 00-0872	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B).....	1,182.20	53.93
11 68	13 00-0873	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A) .....	2,261.90	53.93
11 68	13 00-0874	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A).....	2,552.34	53.93
11 68	13 00-0875	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A).....	3,182.43	121.34
11 68	13 00-0876	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A).....	4,069.93	134.82
11 68	13 00-0877	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A).....	8,840.70	269.63
11 68	13 00-0878	EA	16"-32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A).....	4,828.34	161.78
11 68	13 00-0879	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A).....	1,958.07	26.96
11 68	13 00-0880	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A) .....	2,090.67	26.96
11 68	13 00-0881	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A) .....	3,793.40	67.41
11 68	13 00-0882	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B) .....	4,910.98	67.41
11 68	13 00-0883	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A) .....	1,980.55	40.45
11 68	13 00-0884	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A).....	2,938.98	107.86
11 68	13 00-0885	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A).....	3,418.84	107.86
11 68	13 00-0886	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A).....	287.66	13.48
11 68	13 00-0887	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A).....	408.37	40.45
11 68	13 00-0888	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B).....	509.39	40.45
11 68	13 00-0889	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A).....	395.74	40.45
11 68	13 00-0890	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A) .....	3,216.05	80.89
11 68	13 00-0891	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A) .....	4,084.60	94.38
11 68	13 00-0892	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24"-72" Decks (Landscape Structures® PlayBooster® 147424A).....	4,661.96	80.89





<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0893	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24"-72" Decks (Landscape Structures® PlayBooster® 147425A).....	5,722.71	80.89
11 68	13 00-0894	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A).....	2,663.39	188.74
11 68	13 00-0895	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A).....	3,743.81	215.71
11 68	13 00-0896	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A).....	3,743.81	215.71
11 68	13 00-0897	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A).....	2,936.74	26.96
11 68	13 00-0898	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A).....	1,907.56	26.96
11 68	13 00-0899	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A).....	2,120.94	94.38
11 68	13 00-0900	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B).....	2,407.12	53.93
11 68	13 00-0901	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A).....	2,868.04	53.93
11 68	13 00-0902	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A).....	1,826.23	53.93
11 68	13 00-0903	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A).....	4,694.27	107.86
11 68	13 00-0904	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B).....	4,694.27	107.86
11 68	13 00-0905	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A).....	4,694.27	107.86
11 68	13 00-0906	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B).....	4,694.27	107.86
11 68	13 00-0907	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A).....	2,973.33	94.38
11 68	13 00-0908	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A).....	2,619.75	94.38
11 68	13 00-0909	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A).....	2,708.15	94.38
11 68	13 00-0910	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A).....	1,470.52	35.95
11 68	13 00-0911	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A).....	1,394.75	35.95
11 68	13 00-0912	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A).....	1,661.31	26.96
11 68	13 00-0913	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A).....	1,276.16	26.96
11 68	13 00-0914	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A).....	1,217.96	35.95
11 68	13 00-0915	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A).....	1,123.25	35.95
11 68	13 00-0916	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A).....	739.47	26.96
11 68	13 00-0917	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A).....	537.42	26.96
11 68	13 00-0918	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A).....	543.74	26.96
11 68	13 00-0919	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A).....	1,074.11	26.96
11 68	13 00-0920	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A).....	858.06	35.95
11 68	13 00-0921	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A).....	657.39	26.96
11 68	13 00-0922	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A).....	657.39	26.96
11 68	13 00-0923	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A).....	1,017.29	26.96
11 68	13 00-0924	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A).....	973.09	26.96
11 68	13 00-0925	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A).....	1,156.19	26.96
11 68	13 00-0926	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A).....	1,383.50	26.96
11 68	13 00-0927	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A).....	1,276.16	26.96
11 68	13 00-0928	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A).....	670.02	26.96
11 68	13 00-0929	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A).....	1,128.16	40.45
11 68	13 00-0930	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B).....	1,304.95	40.45
11 68	13 00-0931	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A).....	821.55	26.96
11 68	13 00-0932	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B).....	954.15	26.96
11 68	13 00-0933	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A).....	758.41	26.96
11 68	13 00-0934	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A).....	632.13	26.96
11 68	13 00-0935	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A).....	600.56	26.96
11 68	13 00-0936	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A).....	1,032.05	49.43
11 68	13 00-0937	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A).....	1,412.29	40.45
11 68	13 00-0938	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A).....	952.77	35.95
11 68	13 00-0939	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A).....	537.42	26.96
11 68	13 00-0940	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A).....	556.36	26.96
11 68	13 00-0941	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A).....	268.72	13.48
11 68	13 00-0942	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B).....	134.98	8.98
11 68	13 00-0943	EA	House Panel (SteelX®), Above Deck (Landscape Structures® PlayBooster® 139380A).....	721.93	22.47
11 68	13 00-0944	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B).....	859.44	26.96
11 68	13 00-0945	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A).....	613.19	26.96
11 68	13 00-0946	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A).....	1,591.86	26.96
11 68	13 00-0947	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A).....	1,383.50	26.96
11 68	13 00-0948	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B).....	1,737.08	26.96
11 68	13 00-0949	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A).....	556.36	26.96
11 68	13 00-0950	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A).....	592.87	35.95
11 68	13 00-0951	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B).....	720.53	26.96
11 68	13 00-0952	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B).....	769.66	35.95
11 68	13 00-0953	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A).....	594.25	26.96
11 68	13 00-0954	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B).....	771.04	26.96
11 68	13 00-0955	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A).....	474.28	26.96
11 68	13 00-0956	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A).....	605.50	35.95
11 68	13 00-0957	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A).....	597.04	13.48
11 68	13 00-0958	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A).....	423.72	13.48
11 68	13 00-0959	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A).....	786.46	13.48
11 68	13 00-0960	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A).....	1,334.38	22.47

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0961	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A).....	709.30	22.47
11 68	13 00-0962	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A).....	1,094.45	22.47
11 68	13 00-0963	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A).....	808.92	26.96
11 68	13 00-0964	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B).....	992.03	26.96
11 68	13 00-0965	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A).....	2,027.53	26.96
11 68	13 00-0966	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B).....	2,177.68	35.95
11 68	13 00-0967	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A).....	1,250.90	26.96
11 68	13 00-0968	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A).....	618.13	35.95
11 68	13 00-0969	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A).....	757.03	35.95
11 68	13 00-0970	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B).....	801.23	35.95
11 68	13 00-0971	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B).....	940.14	35.95
11 68	13 00-0972	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C).....	670.02	26.96
11 68	13 00-0973	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D).....	853.12	26.96
11 68	13 00-0974	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A).....	426.57	13.48
11 68	13 00-0975	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A).....	162.77	8.98
11 68	13 00-0976	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A).....	181.71	8.98
11 68	13 00-0977	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A).....	223.12	22.47
11 68	13 00-0978	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A).....	216.81	22.47
11 68	13 00-0979	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B).....	1,221.47	49.43
11 68	13 00-0980	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C).....	503.08	40.45
11 68	13 00-0981	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D).....	465.19	40.45
11 68	13 00-0982	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A).....	625.82	26.96
11 68	13 00-0983	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A).....	1,709.05	40.45
11 68	13 00-0984	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A).....	603.36	13.48
11 68	13 00-0985	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B).....	641.24	13.48
11 68	13 00-0986	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A).....	451.82	13.48
11 68	13 00-0987	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B).....	458.14	13.48
11 68	13 00-0988	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C).....	464.45	13.48
11 68	13 00-0989	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D).....	470.76	13.48
11 68	13 00-0990	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E).....	477.08	13.48
11 68	13 00-0991	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F).....	489.71	13.48
11 68	13 00-0992	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G).....	496.02	13.48
11 68	13 00-0993	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H).....	508.65	13.48
11 68	13 00-0994	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I).....	514.96	13.48
11 68	13 00-0995	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A).....	717.01	13.48
11 68	13 00-0996	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A).....	2,105.53	107.86
11 68	13 00-0997	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A).....	3,008.43	107.86
11 68	13 00-0998	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A).....	2,477.31	80.89
11 68	13 00-0999	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A).....	2,647.79	80.89
11 68	13 00-1000	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A).....	4,160.37	94.38
11 68	13 00-1001	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A).....	257.48	8.98
11 68	13 00-1002	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A).....	10,206.00	323.56
11 68	13 00-1003	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A).....	3,189.67	269.63
11 68	13 00-1004	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A).....	17,547.31	485.34
11 68	13 00-1005	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B).....	13,588.44	485.34
11 68	13 00-1006	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C).....	12,824.44	485.34
11 68	13 00-1007	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D).....	17,654.65	485.34
11 68	13 00-1008	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E).....	13,695.77	485.34
11 68	13 00-1009	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F).....	12,938.09	485.34
11 68	13 00-1010	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A).....	897.32	26.96
11 68	13 00-1011	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A).....	859.44	26.96
11 68	13 00-1012	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A).....	834.18	26.96
11 68	13 00-1013	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A).....	685.44	13.48
11 68	13 00-1014	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A).....	2,543.23	67.41
11 68	13 00-1015	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A).....	671.41	22.47
11 68	13 00-1016	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A).....	729.64	13.48
11 68	13 00-1017	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A).....	493.22	26.96
11 68	13 00-1018	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A).....	399.91	22.47
11 68	13 00-1019	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B).....	500.94	22.47
11 68	13 00-1020	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A).....	2,156.04	107.86
11 68	13 00-1021	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B).....	2,459.11	107.86
11 68	13 00-1022	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C).....	2,585.39	107.86
11 68	13 00-1023	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A).....	2,395.97	107.86
11 68	13 00-1024	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B).....	2,692.73	107.86



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1025 EA To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C).....	2,800.07	107.86
11 68 13 00-1026 EA Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A).....	1,301.42	26.96
11 68 13 00-1027 EA Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B).....	1,257.22	26.96
11 68 13 00-1028 EA Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C).....	1,206.71	26.96
11 68 13 00-1029 EA Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D).....	1,194.08	26.96
11 68 13 00-1030 EA Arch/Ground Level (Landscape Structures® PlayBooster® 111406E).....	1,112.00	26.96
11 68 13 00-1031 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J).....	418.85	22.47
11 68 13 00-1032 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K).....	406.23	22.47
11 68 13 00-1033 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L).....	399.91	22.47
11 68 13 00-1034 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M).....	393.60	22.47
11 68 13 00-1035 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N).....	387.28	22.47
11 68 13 00-1036 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O).....	374.66	22.47
11 68 13 00-1037 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P).....	368.34	22.47
11 68 13 00-1038 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q).....	362.03	22.47
11 68 13 00-1039 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R).....	349.40	22.47
11 68 13 00-1040 EA 106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J).....	393.60	22.47
11 68 13 00-1041 EA 98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K).....	387.28	22.47
11 68 13 00-1042 EA 90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L).....	374.66	22.47
11 68 13 00-1043 EA 82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M).....	368.34	22.47
11 68 13 00-1044 EA 74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N).....	362.03	22.47
11 68 13 00-1045 EA 66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O).....	349.40	22.47
11 68 13 00-1046 EA 58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P).....	343.09	22.47
11 68 13 00-1047 EA 50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q).....	336.77	22.47
11 68 13 00-1048 EA 42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R).....	330.46	22.47
11 68 13 00-1049 EA 148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M).....	312.91	13.48
11 68 13 00-1050 EA 140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N).....	528.85	13.48
11 68 13 00-1051 EA 132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O).....	287.66	13.48
11 68 13 00-1052 EA 124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P).....	281.34	13.48
11 68 13 00-1053 EA 116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q).....	275.03	13.48
11 68 13 00-1054 EA 108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R).....	268.72	13.48
11 68 13 00-1055 EA 100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S).....	256.09	13.48
11 68 13 00-1056 EA 92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T).....	237.15	13.48
11 68 13 00-1057 EA 84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U).....	224.52	13.48
11 68 13 00-1058 EA 76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V).....	218.20	13.48
11 68 13 00-1059 EA 156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W).....	357.11	13.48
11 68 13 00-1060 EA 182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z).....	413.94	13.48
11 68 13 00-1061 EA 182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K).....	363.43	13.48
11 68 13 00-1062 EA 174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L).....	357.11	13.48
11 68 13 00-1063 EA 166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M).....	350.80	13.48
11 68 13 00-1064 EA 158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N).....	338.17	13.48
11 68 13 00-1065 EA 150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O).....	331.86	13.48
11 68 13 00-1066 EA 142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P).....	325.54	13.48
11 68 13 00-1067 EA 134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q).....	319.23	13.48
11 68 13 00-1068 EA 126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R).....	312.91	13.48
11 68 13 00-1069 EA 118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S).....	293.97	13.48
11 68 13 00-1070 EA 110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T).....	287.66	13.48
11 68 13 00-1071 EA 204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A).....	1,175.11	485.34
11 68 13 00-1072 EA 212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B).....	1,181.43	485.34
11 68 13 00-1073 EA 220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C).....	1,194.05	485.34
11 68 13 00-1074 EA 264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A).....	1,270.21	269.63
11 68 13 00-1075 EA 248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B).....	1,232.33	269.63
11 68 13 00-1076 EA 232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C).....	1,213.38	269.63
11 68 13 00-1077 EA 220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D).....	1,106.05	269.63
11 68 13 00-1078 EA 200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E).....	1,080.79	269.63
11 68 13 00-1079 EA Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A).....	471.76	26.96
11 68 13 00-1080 EA 132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A).....	1,239.03	53.93
11 68 13 00-1081 EA Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B).....	1,062.24	53.93
11 68 13 00-1082 EA 84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B).....	2,619.11	80.89
11 68 13 00-1083 EA 84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C).....	2,742.50	80.89
11 68 13 00-1084 EA 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B).....	3,702.62	107.86
11 68 13 00-1085 EA 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C).....	3,450.41	107.86
11 68 13 00-1086 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A).....	474.28	26.96
11 68 13 00-1087 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B).....	455.34	26.96
11 68 13 00-1088 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C).....	436.40	26.96
11 68 13 00-1089 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D).....	430.08	26.96
11 68 13 00-1090 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E).....	395.00	13.48
11 68 13 00-1091 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F).....	382.37	13.48
11 68 13 00-1092 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G).....	363.43	13.48
11 68 13 00-1093 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H).....	357.11	13.48
11 68 13 00-1094 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I).....	350.80	13.48

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1095 EA Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B).....	1,188.52	53.93
11 68 13 00-1096 EA 32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B).....	3,956.35	107.86
11 68 13 00-1097 EA S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B).....	3,702.62	107.86
11 68 13 00-1098 EA S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C).....	3,826.54	107.86
11 68 13 00-1099 EA Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A).....	3,961.85	107.86
11 68 13 00-1100 EA The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A).....	18,654.14	323.56
11 68 13 00-1101 EA The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A).....	10,506.11	215.71
11 68 13 00-1102 EA Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A).....	916.26	26.96
11 68 13 00-1103 EA Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A).....	3,279.19	80.89
11 68 13 00-1104 EA Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B).....	2,938.24	80.89
11 68 13 00-1105 EA Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A).....	3,816.62	107.86
11 68 13 00-1106 EA Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A).....	3,671.40	107.86
11 68 13 00-1107 EA Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B).....	3,291.82	80.89
11 68 13 00-1108 EA Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C).....	3,127.66	80.89
11 68 13 00-1109 EA Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D).....	2,786.70	80.89
11 68 13 00-1110 EA Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A).....	4,530.11	107.86
11 68 13 00-1111 EA 16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A).....	474.28	26.96
11 68 13 00-1112 EA 24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A).....	720.53	26.96
11 68 13 00-1113 EA 24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B).....	802.61	26.96
11 68 13 00-1114 EA 32"-40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A).....	1,194.83	53.93
11 68 13 00-1115 EA 32"-40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B).....	1,283.23	53.93
11 68 13 00-1116 EA 32"-40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C).....	1,346.37	53.93
11 68 13 00-1117 EA 32"-40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D).....	1,415.82	53.93
11 68 13 00-1118 EA Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A).....	2,029.02	80.89
11 68 13 00-1119 EA Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A).....	1,283.23	53.93
11 68 13 00-1120 EA Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A).....	1,156.95	53.93
11 68 13 00-1121 EA Stationary Cypher, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A).....	973.09	26.96
11 68 13 00-1122 EA Stationary Cypher, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B).....	752.10	26.96
11 68 13 00-1123 EA Stationary Cypher, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C).....	1,415.82	53.93
11 68 13 00-1124 EA Stationary Cypher, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D).....	752.10	26.96
11 68 13 00-1125 EA (1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A).....	1,958.82	53.93
11 68 13 00-1126 EA (1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B).....	1,939.88	53.93
11 68 13 00-1127 EA The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A).....	6,014.64	134.82
11 68 13 00-1128 EA The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A).....	6,336.65	134.82
11 68 13 00-1129 EA The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A).....	3,190.80	80.89
11 68 13 00-1130 EA 64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A).....	3,734.54	107.86
11 68 13 00-1131 EA Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A).....	543.74	26.96
11 68 13 00-1132 EA Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A).....	3,234.99	80.89
11 68 13 00-1133 EA Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A).....	6,418.73	134.82
11 68 13 00-1134 EA RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A).....	2,029.02	80.89
11 68 13 00-1135 EA Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A).....	872.06	26.96
11 68 13 00-1136 EA Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A).....	783.67	26.96
11 68 13 00-1137 EA Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A).....	789.98	26.96
11 68 13 00-1138 EA Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A).....	1,769.40	53.93
11 68 13 00-1139 EA Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A).....	1,396.88	53.93
11 68 13 00-1140 EA Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A).....	733.16	26.96
11 68 13 00-1141 EA Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A).....	859.44	26.96
11 68 13 00-1142 EA Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A).....	802.61	26.96
<b>11 68 13 00-1143 Playground Equipment (Landscape Structures® Evos™) <small>(11 68 13 00-0121)</small></b>		
11 68 13 00-1144 EA Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A).....	663.70	26.96
11 68 13 00-1145 EA Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A).....	783.67	26.96
11 68 13 00-1146 EA Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A).....	3,020.32	80.89
11 68 13 00-1147 EA Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A).....	2,306.84	80.89
11 68 13 00-1148 EA Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A).....	5,559.93	76.40
11 68 13 00-1149 EA Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A).....	4,239.66	107.86
11 68 13 00-1150 EA RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A).....	2,839.99	67.41
11 68 13 00-1151 EA Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A).....	5,931.07	80.89
11 68 13 00-1152 EA Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A).....	1,358.99	53.93
11 68 13 00-1153 EA Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A).....	1,803.76	40.45



	<b>Equipment</b>	<b>11</b>
	<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
	<b>Play Field Equipment And Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1154 EA E-Pod Step (Landscape Structures® Evos™ 156454A).....	282.73	8.98
11 68 13 00-1155 EA Cyclor With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A).....	1,276.16	26.96
11 68 13 00-1156 EA 8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A).....	923.97	22.47
11 68 13 00-1157 EA 16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B).....	930.29	22.47
11 68 13 00-1158 EA 24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C).....	936.60	22.47
11 68 13 00-1159 EA Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A).....	5,278.68	121.34
11 68 13 00-1160 EA PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A).....	5,495.41	80.89
11 68 13 00-1161 EA ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A).....	2,381.86	53.93
11 68 13 00-1162 EA Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A).....	2,595.79	26.96
11 68 13 00-1163 EA 2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A).....	22,568.82	323.56
11 68 13 00-1164 EA 3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A).....	25,300.91	485.34
11 68 13 00-1165 EA Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A).....	2,738.40	161.78
11 68 13 00-1166 EA 16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A).....	1,264.28	53.93
11 68 13 00-1167 EA 24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B).....	1,276.91	53.93
11 68 13 00-1168 EA Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A).....	859.44	26.96
11 68 13 00-1169 EA Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A).....	789.98	26.96
11 68 13 00-1170 EA Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A).....	670.02	26.96
11 68 13 00-1171 EA Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A).....	1,390.56	53.93
11 68 13 00-1172 EA Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A).....	720.53	26.96
11 68 13 00-1173 EA Chimes Reach Panel (Landscape Structures® Evos™ 161777A).....	1,150.63	53.93
11 68 13 00-1174 EA Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A).....	442.71	26.96
11 68 13 00-1175 EA Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A).....	619.50	26.96
11 68 13 00-1176 EA Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A).....	808.92	26.96
11 68 13 00-1177 EA Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A).....	1,902.00	53.93
11 68 13 00-1178 EA Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A).....	2,306.84	80.89
11 68 13 00-1179 EA BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A).....	4,132.32	107.86
11 68 13 00-1180 EA Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A).....	1,687.32	53.93
11 68 13 00-1181 EA Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A).....	1,845.17	53.93
11 68 13 00-1182 EA 3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A).....	25,667.12	485.34
11 68 13 00-1183 EA 4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A).....	28,129.58	485.34
11 68 13 00-1184 EA Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A).....	2,957.18	80.89
11 68 13 00-1185 EA Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A).....	5,515.83	134.82
11 68 13 00-1186 EA Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A).....	1,295.85	53.93
11 68 13 00-1187 EA Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A).....	1,643.12	53.93
11 68 13 00-1188 EA TwirWind Turning Bar (Landscape Structures® Evos™ 160210A).....	1,643.12	53.93
<b>11 68 13 00-1189 Playground Equipment (Landscape Structures® Weevos™)</b> <small>(11 68 13 00-0121)</small>		
11 68 13 00-1190 EA Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A).....	663.70	26.96
11 68 13 00-1191 EA ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A).....	1,718.89	53.93
<b>11 68 13 00-1192 Playground Equipment (Landscape Structures® Parts)</b> <small>(11 68 13 00-0121)</small>		
11 68 13 00-1193 EA 52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A).....	59.09	13.48
11 68 13 00-1194 EA 66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A).....	62.88	13.48
11 68 13 00-1195 EA Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A).....	57.83	13.48
11 68 13 00-1196 EA Play It Safe Label, 2-5 Years (Landscape Structures® 156845A).....	5.76	2.70
11 68 13 00-1197 EA Play It Safe Label, 2-12 Years (Landscape Structures® 156846A).....	5.76	2.70
11 68 13 00-1198 EA Play It Safe Label, 5-12 Years (Landscape Structures® 156847A).....	5.76	2.70
11 68 13 00-1199 EA Play It Safe Label, 8-12 Years (Landscape Structures® 156848A).....	5.76	2.70
11 68 13 00-1200 EA D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A).....	99.50	13.48
11 68 13 00-1201 EA (2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A).....	53.18	5.39
11 68 13 00-1202 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A).....	30.45	5.39
11 68 13 00-1203 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A).....	31.71	5.39
11 68 13 00-1204 EA 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A).....	68.06	6.74
11 68 13 00-1205 EA 3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A).....	68.06	6.74
11 68 13 00-1206 EA TenderTuff Repair Kit (Landscape Structures® 138717A).....	8.21	
11 68 13 00-1207 EA Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A).....	92.05	6.74
11 68 13 00-1208 EA (2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A).....	56.97	5.39
11 68 13 00-1209 EA 65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A).....	61.62	13.48
11 68 13 00-1210 EA 43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A).....	54.67	13.48
11 68 13 00-1211 EA 87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A).....	79.30	13.48
11 68 13 00-1212 EA 29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A).....	51.51	13.48
11 68 13 00-1213 EA 49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A).....	57.83	13.48
11 68 13 00-1214 EA 67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A).....	64.14	13.48
11 68 13 00-1215 EA 76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A).....	70.46	13.48
11 68 13 00-1216 EA 90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A).....	83.08	13.48
11 68 13 00-1217 EA 37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A).....	53.41	13.48

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment And Structures**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

11 68 13 00-1218	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A).....	98.24	13.48
11 68 13 00-1219	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A).....	531.11	26.96
11 68 13 00-1220	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A).....	205.58	13.48
11 68 13 00-1221	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A).....	199.26	13.48
11 68 13 00-1222	EA	Nylon Basketball Net (Landscape Structures® 100082A).....	28.91	6.74
11 68 13 00-1223	EA	Chain Basketball Net (Landscape Structures® 100083A).....	37.75	6.74
11 68 13 00-1224	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A).....	973.09	26.96
11 68 13 00-1225	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A).....	802.61	26.96
11 68 13 00-1226	EA	Warning Label (Landscape Structures® 115176A).....	0.13	
11 68 13 00-1227	EA	PS Spare Parts Kit (Landscape Structures® 107040A).....	42.94	
11 68 13 00-1228	EA	PB Spare Parts Kit (Landscape Structures® 107043A).....	93.45	
11 68 13 00-1229	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A).....	518.48	26.96
11 68 13 00-1230	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A).....	99.50	13.48
11 68 13 00-1231	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A).....	619.50	26.96

**11 68 13 00-1232 Playground Equipment (Landscape Structures® Site Furniture) (11 68 13 00-0121)**

11 68 13 00-1233	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A).....	1,032.05	49.43
11 68 13 00-1234	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B).....	515.70	40.45
11 68 13 00-1235	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C).....	899.46	49.43
11 68 13 00-1236	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D).....	503.08	40.45
11 68 13 00-1237	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E).....	1,505.60	49.43
11 68 13 00-1238	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F).....	686.18	40.45
11 68 13 00-1239	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G).....	1,303.56	49.43
11 68 13 00-1240	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H).....	667.24	40.45
11 68 13 00-1241	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A).....	218.95	40.45
11 68 13 00-1242	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A).....	115.40	40.45
11 68 13 00-1243	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A).....	159.73	35.95
11 68 13 00-1244	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A).....	635.67	40.45
11 68 13 00-1245	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A).....	548.67	35.95
11 68 13 00-1246	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B).....	548.67	35.95
11 68 13 00-1247	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A).....	322.75	26.96
11 68 13 00-1248	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B).....	493.22	26.96
11 68 13 00-1249	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A).....	1,569.58	134.82
11 68 13 00-1250	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B).....	1,506.44	134.82
11 68 13 00-1251	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C).....	1,418.05	134.82
11 68 13 00-1252	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D).....	1,992.62	134.82
11 68 13 00-1253	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E).....	1,923.17	134.82
11 68 13 00-1254	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F).....	1,828.46	134.82
11 68 13 00-1255	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G).....	1,651.66	134.82
11 68 13 00-1256	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H).....	1,569.58	134.82
11 68 13 00-1257	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I).....	1,481.19	134.82
11 68 13 00-1258	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J).....	2,074.70	134.82
11 68 13 00-1259	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K).....	1,992.62	134.82
11 68 13 00-1260	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L).....	1,891.60	134.82
11 68 13 00-1261	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A).....	515.70	40.45
11 68 13 00-1262	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B).....	572.53	40.45
11 68 13 00-1263	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C).....	559.90	40.45
11 68 13 00-1264	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D).....	616.73	40.45
11 68 13 00-1265	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E).....	780.89	40.45
11 68 13 00-1266	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F).....	724.07	40.45
11 68 13 00-1267	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G).....	831.40	40.45
11 68 13 00-1268	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H).....	774.58	40.45
11 68 13 00-1269	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A).....	108.47	8.98
11 68 13 00-1270	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A).....	543.74	26.96
11 68 13 00-1271	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B).....	556.36	26.96
11 68 13 00-1272	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C).....	341.69	26.96
11 68 13 00-1273	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D).....	360.63	26.96
11 68 13 00-1274	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E).....	556.36	26.96
11 68 13 00-1275	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F).....	581.62	26.96
11 68 13 00-1276	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G).....	360.63	26.96
11 68 13 00-1277	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H).....	385.89	26.96
11 68 13 00-1278	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A).....	1,221.57	107.86
11 68 13 00-1279	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B).....	1,284.71	107.86
11 68 13 00-1280	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C).....	1,291.02	107.86
11 68 13 00-1281	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D).....	1,385.73	107.86
11 68 13 00-1282	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E).....	1,259.45	107.86



<b>Equipment</b>	<b>11</b>	
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>	<b>11</b>
<b>Play Field Equipment And Structures</b>	<b>11 68</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1283 EA 92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures@ 141684F) .....	1,335.22	107.86
11 68 13 00-1284 EA Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures@ 154345A) .....	1,264.93	22.47
11 68 13 00-1285 EA Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures@ 154345B) .....	1,144.96	22.47
11 68 13 00-1286 EA Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures@ 154345C) .....	1,043.94	22.47
11 68 13 00-1287 EA Kish Valley Grill, (Direct Bury Only) (Landscape Structures@ 100101A) .....	537.42	26.96
11 68 13 00-1288 EA Loop Rack, Surface Mount, Powdercoated (Landscape Structures@ 100102C) .....	455.34	26.96
11 68 13 00-1289 EA Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures@ 100102D) .....	625.82	26.96

**11 68 23 Exterior Court Athletic Equipment (11 68)**

**11 68 23 13 Exterior Basketball Equipment (11 68 23)**

**11 68 23 13-0001 Basketball Systems (11 68 23 13)**

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0002 EA 4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System .....	1,135.79	112.10
Note: Sportsplay 541-616.		
11 68 23 13-0003 EA 5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System .....	2,267.29	123.31
Note: Porter Athletic 176-234.		
For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23 13-0004 EA 4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System .....	1,578.88	112.10
Note: Porter Athletic 164-234.		
For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23 13-0005 EA 4-1/2" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System .....	1,979.59	123.31
Note: Porter Athletic 166-234.		
For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23 13-0006 EA Back To Back 4-1/2" Galvanized Steel Pole With 4' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System .....	2,510.76	164.85
Note: Porter Athletic 184-234.		
For Fan Shaped Fiberglass Backboard, Deduct	-498.00	
For 42" x 72" Perforated Steel Backboard, Add	700.00	
11 68 23 13-0007 EA Back To Back 5-9/16" Galvanized Steel Pole With 6' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System .....	3,327.32	181.33
Note: Porter Athletic 186-234.		
For Fan Shaped Fiberglass Backboard, Deduct	-498.00	
For 42" x 72" Perforated Steel Backboard, Add	700.00	

**11 68 23 13-0008 Basketball Components (11 68 23 13)**

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0009 EA Nylon Cord Basketball Net (Porter Athletic 09608120) .....	18.79	3.93
11 68 23 13-0010 EA Chain Basketball Net (Porter Athletic 00161000) .....	34.09	3.93
11 68 23 13-0011 EA Heavy Duty Goal Ring (Porter Athletic 00235000) .....	86.67	19.63
11 68 23 13-0012 EA Goal Ring For Steel Net (Porter Athletic 00251H00) .....	174.12	8.84
11 68 23 13-0013 EA 42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000) .....	767.32	16.69
Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0014 EA 42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300) .....	819.82	16.69
Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0015 EA 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300) .....	584.89	14.73
Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0016 EA 54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000) .....	437.89	14.73
Note: Includes perimeter and target markings. Excludes pole and goal.		

**11 68 23 33 Tennis Equipment (11 68 23)**

**11 68 23 33-0001 Tennis Court Net Posts (11 68 23 33)**

11 68 23 33-0002 PR Round, Powder Coated Steel, Tennis Court Net Posts With External Winder .....	516.14	66.73
11 68 23 33-0003 PR Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder .....	670.49	66.73
11 68 23 33-0004 PR Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder .....	696.21	66.73
11 68 23 33-0005 PR Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder .....	740.70	66.73
11 68 23 33-0006 PR Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder .....	899.09	66.73
11 68 23 33-0007 PR Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts .....	128.67	
11 68 23 33-0008 PR Galvanized Steel Ground Sleeves For Tennis Court Net Posts .....	147.90	

**11 68 23 33-0009 Tennis Court Nets (11 68 23 33)**

11 68 23 33-0010 EA 42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net .....	290.27	65.95
11 68 23 33-0011 EA 42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net .....	320.96	65.95
11 68 23 33-0012 EA 42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net .....	708.09	101.47
11 68 23 33-0013 EA Galvanized Steel Anchor For Tennis Court Net Center Strap .....	36.90	

**11 68 33 Athletic Field Equipment (11 68)**

**11 68 33 13 Football Field Equipment (11 68 33)**

11	<b>11 Equipment</b>
	<b>11 60 Entertainment and Recreation Equipment</b>
	<b>11 68 Play Field Equipment And Structures</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 68 33 13-0001	<b>Football Goal Posts</b> <small>(11 68 33 13)</small>		
	Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 13-0002	PR Double Steel Football Goal Posts, "H Shape".....	2,486.47	176.68
11 68 33 13-0003	PR Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights.....	3,526.77	251.63
11 68 33 13-0004	PR Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights.....	4,210.45	301.95

**11 68 33 23 Soccer And Field Hockey Equipment** (11 68 33)

11 68 33 23-0001	<b>Soccer Goal Posts</b> <small>(11 68 33 23)</small>		
	Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 23-0002	PR Regulation Soccer Goal Posts.....	2,348.07	117.77
11 68 33 23-0003	PR Combination Football/Soccer Goal Post.....	2,815.27	176.68

**11 68 33 33 Baseball Field Equipment** (11 68 33)

11 68 33 33-0001	<b>Bases</b> <small>(11 68 33 33)</small>		
11 68 33 33-0002	SET Bases For Baseball Or Softball.....	293.56	

**11 80 Facility Maintenance and Operation Equipment** (11)

**11 81 Maintenance Equipment** (11 80)

**11 81 29 Facility Fall Protection** (11 81)

11 81 29 00-0001	<b>Safety And Tie-Back Anchors</b> <small>(11 81 29)</small>		
	Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0050 for engineering testing and inspection.		
11 81 29 00-0002	<b>Roof Mounted, Safety And Tie-Back Anchors</b> <small>(11 81 29 00-0001)</small>		
	Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0003	EA Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	348.92	35.87
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
	<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	
11 81 29 00-0004	EA Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	291.94	35.87
	Note: Includes drilling in concrete and adhesive anchor systems.		
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
	<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	
11 81 29 00-0005	EA Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	267.40	51.72
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
	<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00	
11 81 29 00-0006	<b>Wall Mounted, Safety And Tie-Back Anchor</b> <small>(11 81 29 00-0001)</small>		
	Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	261.95	35.87
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
11 81 29 00-0008	EA Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	234.13	35.87
	Note: Includes drilling in concrete and adhesive anchor systems.		
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
11 81 29 00-0009	EA Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	237.04	51.72
	<i>For Stainless Steel Pad Eye, Add</i>	40.00	
11 81 29 00-0010	<b>Safety And Tie-Back Anchor Accessories</b> <small>(11 81 29 00-0001)</small>		
11 81 29 00-0011	EA Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor).....	220.84	
	Note: One cut sheet required per order.		

**11 82 Facility Solid Waste Handling Equipment** (11 80)

**11 82 26 Facility Waste Compactors** (11 82)

11 82 26 00-0001	<b>Trash Compactors</b> <small>(11 82 26)</small>		
11 82 26 00-0002	EA Trash Compactor, Small.....	2,503.24	167.16
11 82 26 00-0003	EA Trash Compactor, Large.....	3,093.10	189.16

**END OF SECTION 11**





<b>Furnishings</b>	<b>12</b>	
Casework	12 30	12
Countertops	12 36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 12 Furnishings

### 12 30 Casework <sup>(12)</sup>

### 12 36 Countertops <sup>(12 30)</sup>

#### 12 36 23 Plastic Countertops <sup>(12 36)</sup>

#### 12 36 23 13 Plastic-Laminate-Clad Countertops <sup>(12 36 23)</sup>

#### 12 36 23 13-0001 Plastic Laminate Countertops <sup>(12 36 23 13)</sup>

12 36 23 13-0002	EA	Field Cutout Plastic Laminate Counter Top For Sinks And Lavatories .....	39.83	
12 36 23 13-0003	SF	Plastic Laminate Counter Top.....	11.91	2.38
		<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	2.85	
		<i>For Plywood Base Instead Of Particle Board, Add</i>	1.07	
12 36 23 13-0004	LF	Plastic Laminate Counter Top With Backsplash, Up To 26" Deep.....	25.72	4.78
		<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	5.89	
		<i>For Plywood Base Instead Of Particle Board, Add</i>	2.21	
12 36 23 13-0005	LF	Plastic Laminated Counter Top Custom Made With Backsplash.....	30.66	7.17
		<i>Note: Up to 26" deep.</i>		
		<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	5.89	
		<i>For Plywood Base Instead Of Particle Board, Add</i>	2.21	
12 36 23 13-0006	LF	Plastic Laminated Backsplash .....	5.07	2.87
		<i>For Plywood Base Instead Of Particle Board, Add</i>	0.20	
12 36 23 13-0007	EA	Plastic Laminate End Splash.....	27.97	2.87
		<i>For Plywood Base Instead Of Particle Board, Add</i>	3.33	

#### 12 36 61 Simulated Stone Countertops <sup>(12 36)</sup>

#### 12 36 61 16 Solid Surfacing Countertops <sup>(12 36 61)</sup>

#### 12 36 61 16-0001 Solid Polyester Countertops <sup>(12 36 61 16)</sup>

#### 12 36 61 16-0002 Solid Polyester Countertop And Backsplash, Group B Colors <sup>(12 36 61 16-0001)</sup>

		<i>Note: May be used for wall applications.</i>		
12 36 61 16-0003	SF	1/4" Solid Polyester (Corian) Backsplash, Group B Colors.....	15.49	3.18
		<i>Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.</i>		
		<i>For Group A Color Material, Deduct</i>	-3.69	
		<i>For Group C Color Material, Add</i>	1.47	
		<i>For Group D Color Material, Add</i>	4.05	
12 36 61 16-0004	SF	1/2" Solid Polyester (Corian) Countertop, Group B Colors .....	31.00	4.78
		<i>Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).</i>		
		<i>For Group A Color Material, Deduct</i>	-7.38	
		<i>For Group C Color Material, Add</i>	2.95	
		<i>For Group D Color Material, Add</i>	8.11	
		<i>For Each LF Of Half Round Edge, Add</i>	8.00	
		<i>For Each LF Of Ogee Or Full Round Edge, Add</i>	12.00	
		<i>For Each LF Of Machining A Cove At Backsplash, Add</i>	10.00	
		<i>For Each Sink, Range Or Vanity Cutout, Add</i>	15.00	
		<i>For 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i>	124.80	
		<i>For 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i>	157.80	
		<i>For 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i>	115.20	
		<i>For 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i>	109.80	
		<i>For 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i>	157.80	
		<i>For 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i>	157.80	
		<i>For 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i>	157.80	
		<i>For 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i>	157.80	
		<i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i>	142.20	
		<i>Note: Single or double bowl.</i>		
		<i>For &gt;1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i>	247.20	
		<i>Note: Single or double bowl.</i>		
		<i>For &gt;2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i>	331.20	
		<i>Note: Single or double bowl.</i>		
		<i>For &gt;3 SF Integral Single Basin Kitchen Sink, Add</i>	358.80	
		<i>Note: Single or double bowl.</i>		
		<i>For &gt;3 SF Integral Double Basin Kitchen Sink, Add</i>	358.80	

## 12 50 Furniture <sup>(12)</sup>

### 12 56 Institutional Furniture <sup>(12 50)</sup>

#### 12 56 89 Cafeteria Furniture <sup>(12 56)</sup>

#### 12 56 89 00-0001 Cafeteria Table Wall Pocket Systems <sup>(12 56 89)</sup>

12 56 89 00-0002	EA	Single Table Pocket System, Against-Wall .....	5,757.92	227.67
		<i>Note: System includes single wall pocket, one table ( Up to 29" H x 30" W x 14' L), and two benches (Up to 17" H x 12" W x 14' L).</i>		

<b>12</b>	<b>12</b>	<b>Furnishings</b>
	<b>12 50</b>	<b>Furniture</b>
	<b>12 56</b>	<b>Institutional Furniture</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 89 00-0003	EA		Double Table Pocket System, Against-Wall..... Note: System includes double wall pocket, two tables (Up to 29" H x 30" W x 14' L), and four benches (Up to 17" H x 12" W x 14' L).	9,532.17	273.21
12 56 89 00-0004	EA		Single Table Pocket System, Recessed In Wall ..... Note: System includes single wall pocket, one table (Up to 29" H x 30" W x 14' L), and two benches (Up to 17" H x 12" W x 14' L).	5,796.39	318.75
12 56 89 00-0005	EA		Double Table Pocket System, Recessed In Wall..... Note: System includes double wall pocket, two tables (Up to 29" H x 30" W x 14' L), and four benches (Up to 17" H x 12" W x 14' L).	9,571.74	364.29

**12 60 Multiple Seating** <sup>(12)</sup>

**12 62 Portable-Audience Seating** <sup>(12 60)</sup>

**12 62 23 Portable Bleachers** <sup>(12 62)</sup>

12 62 23 00-0001			<b>Metal Bleachers, Outdoor, Portable</b> <sup>(12 62 23)</sup> Note: Average seating is 18".		
12 62 23 00-0002			<b>Non-Elevated Portable Aluminum Bleacher</b> <sup>(12 62 23 00-0001)</sup>		
12 62 23 00-0003	SEA		2 To 5 Rows, Non Elevated Portable Aluminum Bleacher Price Per Seat..... <i>For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure</i> <i>For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure</i>	48.75 165.00 335.00	2.76
12 62 23 00-0004			<b>Non-Elevated Portable Aluminum Bleacher</b> <sup>(12 62 23 00-0001)</sup> Note: Includes side and back fence.		
12 62 23 00-0005	SEA		5 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	62.22 35.00	2.76
12 62 23 00-0006	SEA		6 To 10 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	70.41 35.00	2.90
12 62 23 00-0007	SEA		11 To 15 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	73.52 35.00	3.04
12 62 23 00-0008			<b>Non-Elevated Portable Aluminum Bleacher</b> <sup>(12 62 23 00-0001)</sup> Note: Includes side and back fence and center aisle with rails.		
12 62 23 00-0009	SEA		5 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence and center aisle with hand rails. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	94.30 35.00	3.11
12 62 23 00-0010	SEA		6 To 10 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence and center aisle with hand rails. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	107.25 35.00	3.27
12 62 23 00-0011	SEA		11 To 15 Rows, Non Elevated Portable Aluminum Bleacher ..... Note: Including side and back fence and center aisle with hand rails. <i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	116.12 35.00	3.46

**12 63 Stadium And Arena Seating** <sup>(12 60)</sup>

**12 63 13 Stadium And Arena Bench Seating** <sup>(12 63)</sup>

12 63 13 00-0001			<b>Precast Concrete Park Benches With Backs</b> <sup>(12 63 13)</sup>		
12 63 13 00-0002	EA		4' Precast Concrete Bench With Back .....	585.45	47.83
12 63 13 00-0003	EA		8' Precast Concrete Bench With Back .....	816.60	62.17
12 63 13 00-0004			<b>Fiberglass Benches With Backs</b> <sup>(12 63 13)</sup>		
12 63 13 00-0005	EA		4' Fiberglass Bench With Back .....	305.31	23.92
12 63 13 00-0006	EA		8' Fiberglass Bench With Back .....	423.12	34.43
12 63 13 00-0007			<b>Wood Benches With Backs And Fiberglass Supports</b> <sup>(12 63 13)</sup>		
12 63 13 00-0008	EA		4' Wood Bench With Back And Fiberglass Supports .....	682.11	23.92
12 63 13 00-0009	EA		8' Wood Bench With Back And Fiberglass Supports .....	821.72	34.43
12 63 13 00-0010	EA		6' Permanent Wooden Slat Bench With Back And Fiberglass Supports.....	176.78	18.58
12 63 13 00-0011	EA		6' Permanent Redwood Slat Bench With Back And Fiberglass Supports .....	221.41	18.58
12 63 13 00-0012	EA		6' Redwood Bench With Back And Fiberglass Supports.....	270.20	18.58
12 63 13 00-0013	EA		6' Permanent Redwood Contour Bench With Back And Fiberglass Supports.....	339.36	18.58
12 63 13 00-0014	EA		8' Heavy Duty Permanent Redwood Bench With Back And Fiberglass Supports.....	311.20	18.58
12 63 13 00-0015	EA		6' Ornate Bench, Exterior With Back And Fiberglass Supports.....	429.01	18.58



<b>Furnishings</b>	<b>12</b>	<b>12</b>
<b>Multiple Seating</b>	<b>12 60</b>	
<b>Stadium And Arena Seating</b>	<b>12 63</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>12 63 13 00-0016</b> <b>Steel Frame Benches</b> <small>(12 63 13)</small>		
12 63 13 00-0017    EA    6' All Steel Bench.....	351.85	30.14
12 63 13 00-0018    EA    6' Steel Frame Bench With Hardwood Boards.....	309.62	30.14
<b>12 63 13 00-0019</b> <b>Aluminum Benches</b> <small>(12 63 13)</small>		
12 63 13 00-0020    LF    10' Steel Frame Players Bench Fir Seat With No Back .....	25.60	2.39
12 63 13 00-0021    EA    6' Permanent Enclosed Slat Bench.....	311.73	18.58
12 63 13 00-0022    EA    6' Portable Anodized Aluminum Bench.....	295.76	18.58
12 63 13 00-0023    EA    6' Portable Colored Aluminum Bench .....	332.72	18.58
<b>12 63 13 00-0024</b> <b>Steel Benches</b> <small>(12 63 13)</small>		
12 63 13 00-0025    EA    6' Portable Super Slat Steel Bench.....	306.30	18.58
12 63 13 00-0026    EA    6' Permanent One-piece Steel Bench.....	285.19	18.58
12 63 13 00-0027    EA    6' Portable Perma-glass Park Bench .....	316.86	18.58
<b>12 63 13 00-0028</b> <b>Color Coated Square Steel Frames</b> <small>(12 63 13)</small>		
Note: With flat steel slats, includes intermediate frame with armrest and back.		
12 63 13 00-0029    EA    Bench 8.08' Long.....	943.79	45.32
12 63 13 00-0030    EA    Bench 10.08' Long.....	1,998.07	45.32
12 63 13 00-0031    EA    Bench 12' Long.....	2,173.80	45.32

**END OF SECTION 12**

12	<b>12</b>	<b>Furnishings</b>
	12 60	Multiple Seating
	12 63	Stadium And Arena Seating



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Special Construction</b>	<b>13</b>
<b>Special Facility Components</b>	<b>13 10</b>
<b>Swimming Pools</b>	<b>13 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 13 Special Construction

### 13 10 Special Facility Components <sup>(13)</sup>

#### 13 11 Swimming Pools <sup>(13 10)</sup>

##### 13 11 46 Swimming Pool Accessories <sup>(13 11)</sup>

See CSI section 22 51 19 00-0039 for diatomite type filter system.

<b>13 11 46 00-0001 Diving Stand <sup>(13 11 46)</sup></b>		
13 11 46 00-0002	EA	Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment..... 14,939.47
13 11 46 00-0003	EA	Diving Stand, 3 M Stainless Steel Swimming Pool Equipment..... 17,861.15
13 11 46 00-0004	EA	Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment..... 9,001.38
13 11 46 00-0005	EA	Diving Stand, 1 M Stainless Steel Swimming Pool Equipment..... 11,233.00
13 11 46 00-0006	EA	Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails..... 3,294.30
<b>13 11 46 00-0007 Diving Boards <sup>(13 11 46)</sup></b>		
13 11 46 00-0008	EA	14' Long, Aluminum Diving Boards..... 1,935.53
		<i>For Wheel Adjuster, Add</i> 92.69
13 11 46 00-0009	EA	14' Long, Fiberglass Diving Boards..... 1,246.86
		<i>For Wheel Adjuster, Add</i> 92.69
13 11 46 00-0010	EA	8' Long, Fiberglass Diving Board..... 732.73
		<i>For Wheel Adjuster, Add</i> 89.34
13 11 46 00-0011	EA	10' Long, Fiberglass Diving Board..... 928.40
		<i>For Wheel Adjuster, Add</i> 90.45
13 11 46 00-0012	EA	12' Long, Fiberglass Diving Board..... 1,120.50
		<i>For Wheel Adjuster, Add</i> 91.61
<b>13 11 46 00-0013 Heavy Duty Ladders <sup>(13 11 46)</sup></b>		
13 11 46 00-0014	EA	Ladders, 2 Tread, Galvanized Steel Swimming Pool Equipment..... 801.77
13 11 46 00-0015	EA	Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment..... 1,284.13
13 11 46 00-0016	EA	Ladders, 4 Tread, Galvanized Steel Swimming Pool Equipment..... 919.56
13 11 46 00-0017	EA	Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment..... 1,583.18
<b>13 11 46 00-0018 Lifeguard Chair <sup>(13 11 46)</sup></b>		
13 11 46 00-0019	EA	Lifeguard Chair, Galvanized Swimming Pool Equipment..... 1,911.99
13 11 46 00-0020	EA	Lifeguard Chair, Stainless Steel Swimming Pool Equipment..... 2,879.74
<b>13 11 46 00-0021 Underwater Lights <sup>(13 11 46)</sup></b>		
13 11 46 00-0022	EA	Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment..... 316.00
13 11 46 00-0023	EA	Lights, Underwater, 110 Volt, Swimming Pool Equipment..... 309.40
<b>13 11 46 00-0024 Pool Covers <sup>(13 11 46)</sup></b>		
		Note: Includes cover straps and tension springs.
13 11 46 00-0025	SF	Pool Covers, Reinforced Polyethylene..... 6.32
13 11 46 00-0026	SF	Pool Cover, Vinyl Water Tube..... 6.53
<b>13 11 46 00-0027 Slides With Water Tube <sup>(13 11 46)</sup></b>		
13 11 46 00-0028	EA	Swim Pool Slide..... 1,680.62
<b>13 11 46 00-0029 Curved Slides With Water Tube <sup>(13 11 46)</sup></b>		
13 11 46 00-0030	EA	8 Ft Curved With Continuous Flowing Water..... 1,157.27

#### 13 12 Fountains <sup>(13 10)</sup>

##### 13 12 13 Exterior Fountains <sup>(13 12)</sup>

##### 13 12 13 00-0001 Fountains/Aerators <sup>(13 12 13)</sup>

13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord..... 2,076.07	97.99
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord..... 2,307.52	100.15
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord..... 2,336.15	102.57
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord..... 2,455.26	104.99
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord..... 2,575.01	107.68
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord..... 5,701.35	110.37
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord..... 6,545.21	113.33
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord..... 7,276.04	116.30
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord..... 9,250.83	119.52
13 12 13 00-0011	EA	Aerator Nozzle..... 443.83	53.84

<b>13</b>	<b>13 Special Construction</b>
	<b>13 30 Special Structures</b>
	<b>13 12 Fountains</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**13 30 Special Structures** (13)

**13 34 Fabricated Engineered Structures** (13 30)

**13 34 16 Grandstands And Bleachers** (13 34)

**13 34 16 13 Grandstands** (13 34 16)

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame (13 34 16 13)

13 34 16 13-0002 3 To 15 Tiers (13 34 16 13-0001)

13 34 16 13-0003 SEA 3-15 Tier Permanent Grandstand Price Per Seat .....59.45 5.53

13 34 16 13-0004 16 To 30 Tiers (13 34 16 13-0001)

13 34 16 13-0005 SEA 16-30 Tier Permanent Grandstand Price Per Seat .....93.10 6.23

**13 34 19 Metal Building Systems** (13 34)

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings (13 34 19)

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations and slab.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings (13 34 19 00-0001)

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings (13 34 19 00-0002)

13 34 19 00-0004 GSF 10' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....21.18 4.58

- For 30' To 49' In Length Only, Add 2.89
- For 50' To 69' In Length Only, Add 1.58
- For 70' To 99' In Length Only, Add 0.65
- For >1 In 12 Slope To 3 In 12 Slope, Add 0.64
- For >3 In 12 Slope To 5 In 12 Slope, Add 1.06
- For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add 1.59
- For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add 2.07
- For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 2.54
- For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 4.02
- For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add 5.08
- For Each SF Of 24 Gauge Wall Panel, Add 0.65
- For Each SF Of Lap Roof, Deduct -0.76
- For Each SF Of Hip Roof, Add 0.60
- For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired) -1.97

13 34 19 00-0005 GSF 12' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....22.44 5.02

- For 30' To 49' In Length Only, Add 2.97
- For 50' To 69' In Length Only, Add 1.62
- For 70' To 99' In Length Only, Add 0.67
- For >1 In 12 Slope To 3 In 12 Slope, Add 0.67
- For >3 In 12 Slope To 5 In 12 Slope, Add 1.12
- For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add 1.68
- For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add 2.19
- For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 2.69
- For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 4.26
- For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add 5.39
- For Each SF Of 24 Gauge Wall Panel, Add 0.68
- For Each SF Of Lap Roof, Deduct -0.76
- For Each SF Of Hip Roof, Add 0.65
- For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired) -1.97

13 34 19 00-0006 GSF 14' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....23.82 5.55

- For 30' To 49' In Length Only, Add 3.06
- For 50' To 69' In Length Only, Add 1.67
- For 70' To 99' In Length Only, Add 0.69
- For >1 In 12 Slope To 3 In 12 Slope, Add 0.71
- For >3 In 12 Slope To 5 In 12 Slope, Add 1.19
- For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add 1.79
- For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add 2.32
- For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 2.86
- For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 4.53
- For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add 5.72
- For Each SF Of 24 Gauge Wall Panel, Add 0.72
- For Each SF Of Lap Roof, Deduct -0.76
- For Each SF Of Hip Roof, Add 0.71
- For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired) -1.97



<b>Special Construction</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>
<b>Fabricated Engineered Structures</b>	<b>13 34</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0007 GSF 16' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.46	6.07
For 30' To 49' In Length Only, Add	3.20	
For 50' To 69' In Length Only, Add	1.75	
For 70' To 99' In Length Only, Add	0.72	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.76	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.27	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.91	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.48	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.06	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.84	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.11	
For Each SF Of 24 Gauge Wall Panel, Add	0.77	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.77	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0008 GSF 18' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	27.18	6.58
For 30' To 49' In Length Only, Add	3.36	
For 50' To 69' In Length Only, Add	1.84	
For 70' To 99' In Length Only, Add	0.76	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.82	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.36	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.04	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.65	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.26	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.16	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.52	
For Each SF Of 24 Gauge Wall Panel, Add	0.82	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.82	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0009 GSF 20' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.85	7.07
For 30' To 49' In Length Only, Add	3.53	
For 50' To 69' In Length Only, Add	1.93	
For 70' To 99' In Length Only, Add	0.79	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.87	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.44	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.16	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.81	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.46	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.48	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.92	
For Each SF Of 24 Gauge Wall Panel, Add	0.87	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.88	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0010 GSF 24' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	32.13	8.11
For 30' To 49' In Length Only, Add	3.84	
For 50' To 69' In Length Only, Add	2.09	
For 70' To 99' In Length Only, Add	0.86	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.96	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.61	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.41	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.13	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.86	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.10	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.71	
For Each SF Of 24 Gauge Wall Panel, Add	0.96	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.99	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0011 &gt;30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings</b>		
<small>(13 34 19 00-0002)</small>		
13 34 19 00-0012 GSF 10' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	18.50	3.64
For 30' To 49' In Length Only, Add	2.70	
For 50' To 69' In Length Only, Add	1.47	
For 70' To 99' In Length Only, Add	0.61	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.56	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.93	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.39	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.80	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.22	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.52	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.44	
For Each SF Of 24 Gauge Wall Panel, Add	0.57	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.50	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 34	19 00-0013	GSF	12' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....	19.54	3.97
			For 30' To 49' In Length Only, Add	2.78	
			For 50' To 69' In Length Only, Add	1.52	
			For 70' To 99' In Length Only, Add	0.62	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.59	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.98	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.47	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.91	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.34	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.71	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.69	
			For Each SF Of 24 Gauge Wall Panel, Add	0.60	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.54	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0014	GSF	14' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....	20.40	4.30
			For 30' To 49' In Length Only, Add	2.83	
			For 50' To 69' In Length Only, Add	1.55	
			For 70' To 99' In Length Only, Add	0.64	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.61	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.02	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.53	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.99	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.45	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.88	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.90	
			For Each SF Of 24 Gauge Wall Panel, Add	0.63	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.57	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0015	GSF	16' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....	21.78	4.68
			For 30' To 49' In Length Only, Add	2.98	
			For 50' To 69' In Length Only, Add	1.63	
			For 70' To 99' In Length Only, Add	0.67	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.65	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.09	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.63	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.12	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.61	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.14	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.23	
			For Each SF Of 24 Gauge Wall Panel, Add	0.67	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.61	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0016	GSF	18' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....	23.69	5.02
			For 30' To 49' In Length Only, Add	3.27	
			For 50' To 69' In Length Only, Add	1.79	
			For 70' To 99' In Length Only, Add	0.74	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.71	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.18	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.78	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.31	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.84	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.50	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.69	
			For Each SF Of 24 Gauge Wall Panel, Add	0.73	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.65	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0017	GSF	20' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....	25.30	5.37
			For 30' To 49' In Length Only, Add	3.48	
			For 50' To 69' In Length Only, Add	1.90	
			For 70' To 99' In Length Only, Add	0.78	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.76	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.27	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.90	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.47	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.04	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.81	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.07	
			For Each SF Of 24 Gauge Wall Panel, Add	0.78	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.69	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	





<b>Special Construction</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>
<b>Fabricated Engineered Structures</b>	<b>13 34</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0018 GSF 24' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	27.44	6.07
For 30' To 49' In Length Only, Add	3.67	
For 50' To 69' In Length Only, Add	2.01	
For 70' To 99' In Length Only, Add	0.83	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.82	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.37	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.06	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.68	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.29	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.21	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.59	
For Each SF Of 24 Gauge Wall Panel, Add	0.84	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.77	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0019 &gt;50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings</b>		
<small>(13 34 19 00-0002)</small>		
13 34 19 00-0020 GSF 10' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	14.34	2.25
For 30' To 49' In Length Only, Add	2.36	
For 50' To 69' In Length Only, Add	1.29	
For 70' To 99' In Length Only, Add	0.53	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.43	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.72	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.08	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.40	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.72	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.72	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.44	
For Each SF Of 24 Gauge Wall Panel, Add	0.46	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.35	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0021 GSF 12' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	14.91	2.39
For 30' To 49' In Length Only, Add	2.43	
For 50' To 69' In Length Only, Add	1.33	
For 70' To 99' In Length Only, Add	0.55	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.45	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.75	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.12	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.45	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.79	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.83	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.58	
For Each SF Of 24 Gauge Wall Panel, Add	0.47	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.36	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0022 GSF 14' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	15.48	2.53
For 30' To 49' In Length Only, Add	2.50	
For 50' To 69' In Length Only, Add	1.37	
For 70' To 99' In Length Only, Add	0.56	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.77	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.16	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.51	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.86	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.94	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.72	
For Each SF Of 24 Gauge Wall Panel, Add	0.49	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.38	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0023 GSF 16' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	16.36	2.66
For 30' To 49' In Length Only, Add	2.64	
For 50' To 69' In Length Only, Add	1.44	
For 70' To 99' In Length Only, Add	0.60	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.82	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.23	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.60	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.96	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.11	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.93	
For Each SF Of 24 Gauge Wall Panel, Add	0.52	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.39	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0024	GSF		18' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....	17.03	2.81
			For 30' To 49' In Length Only, Add	2.74	
			For 50' To 69' In Length Only, Add	1.49	
			For 70' To 99' In Length Only, Add	0.62	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.85	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.28	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.66	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.04	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.24	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.09	
			For Each SF Of 24 Gauge Wall Panel, Add	0.54	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.41	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0025	GSF		20' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....	17.61	2.94
			For 30' To 49' In Length Only, Add	2.81	
			For 50' To 69' In Length Only, Add	1.54	
			For 70' To 99' In Length Only, Add	0.63	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.53	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.88	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.32	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.72	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.11	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.35	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.23	
			For Each SF Of 24 Gauge Wall Panel, Add	0.56	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.42	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0026	GSF		24' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding .....	19.28	3.22
			For 30' To 49' In Length Only, Add	3.08	
			For 50' To 69' In Length Only, Add	1.68	
			For 70' To 99' In Length Only, Add	0.69	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.58	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.96	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.45	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.88	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.31	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.66	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.63	
			For Each SF Of 24 Gauge Wall Panel, Add	0.61	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.45	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0027			<b>Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0001)		
			Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0028			<b>Up To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0027)		
13 34 19 00-0029	GSF		10' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding .....	18.86	3.64
			For 30' To 49' In Length Only, Add	2.78	
			For 50' To 69' In Length Only, Add	1.52	
			For 70' To 99' In Length Only, Add	0.63	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.57	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.94	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.41	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.84	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.26	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.58	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.53	
			For Each SF Of 24 Gauge Wall Panel, Add	0.59	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.50	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0030	GSF		12' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding .....	20.17	3.97
			For 30' To 49' In Length Only, Add	2.94	
			For 50' To 69' In Length Only, Add	1.60	
			For 70' To 99' In Length Only, Add	0.66	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.61	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.01	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.51	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.97	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.42	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.83	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.84	
			For Each SF Of 24 Gauge Wall Panel, Add	0.63	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.54	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	



<b>Special Construction</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>
<b>Fabricated Engineered Structures</b>	<b>13 34</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0031 GSF 14' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	21.44	4.30
For 30' To 49' In Length Only, Add	3.08	
For 50' To 69' In Length Only, Add	1.68	
For 70' To 99' In Length Only, Add	0.69	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.64	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.07	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.61	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.09	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.57	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.07	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.15	
For Each SF Of 24 Gauge Wall Panel, Add	0.66	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.57	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0032 GSF 16' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	23.17	4.68
For 30' To 49' In Length Only, Add	3.31	
For 50' To 69' In Length Only, Add	1.81	
For 70' To 99' In Length Only, Add	0.75	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.70	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.16	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.74	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.26	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.78	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.40	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.56	
For Each SF Of 24 Gauge Wall Panel, Add	0.72	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0033 GSF 18' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	24.62	5.05
For 30' To 49' In Length Only, Add	3.49	
For 50' To 69' In Length Only, Add	1.90	
For 70' To 99' In Length Only, Add	0.79	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.74	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.23	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.85	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.40	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.95	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.68	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.91	
For Each SF Of 24 Gauge Wall Panel, Add	0.76	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.65	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0034 GSF 20' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	26.07	5.41
For 30' To 49' In Length Only, Add	3.66	
For 50' To 69' In Length Only, Add	2.00	
For 70' To 99' In Length Only, Add	0.82	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.78	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.30	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.96	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.54	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.13	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.95	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.26	
For Each SF Of 24 Gauge Wall Panel, Add	0.80	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.69	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0035 GSF 24' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	29.05	6.17
For 30' To 49' In Length Only, Add	4.01	
For 50' To 69' In Length Only, Add	2.19	
For 70' To 99' In Length Only, Add	0.90	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.87	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.45	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.18	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.83	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.49	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.52	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.97	
For Each SF Of 24 Gauge Wall Panel, Add	0.89	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.78	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 34 19 00-0036 >30' To 40' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings (13 34 19 00-0027)

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34	19 00-0037	GSF	10' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	17.10	3.22
			For 30' To 49' In Length Only, Add	2.56	
			For 50' To 69' In Length Only, Add	1.40	
			For 70' To 99' In Length Only, Add	0.58	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.86	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.28	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.67	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.05	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.25	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.10	
			For Each SF Of 24 Gauge Wall Panel, Add	0.53	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.45	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0038	GSF	12' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	18.13	3.51
			For 30' To 49' In Length Only, Add	2.66	
			For 50' To 69' In Length Only, Add	1.45	
			For 70' To 99' In Length Only, Add	0.60	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.54	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.91	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.36	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.77	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.18	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.44	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.35	
			For Each SF Of 24 Gauge Wall Panel, Add	0.56	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.49	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0039	GSF	14' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	19.14	3.82
			For 30' To 49' In Length Only, Add	2.76	
			For 50' To 69' In Length Only, Add	1.51	
			For 70' To 99' In Length Only, Add	0.62	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.57	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.96	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.44	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.87	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.30	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.64	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.59	
			For Each SF Of 24 Gauge Wall Panel, Add	0.59	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.52	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0040	GSF	16' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	20.31	4.09
			For 30' To 49' In Length Only, Add	2.91	
			For 50' To 69' In Length Only, Add	1.59	
			For 70' To 99' In Length Only, Add	0.66	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.61	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.02	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.52	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.98	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.44	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.86	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.87	
			For Each SF Of 24 Gauge Wall Panel, Add	0.63	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.55	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34	19 00-0041	GSF	18' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	21.47	4.39
			For 30' To 49' In Length Only, Add	3.05	
			For 50' To 69' In Length Only, Add	1.66	
			For 70' To 99' In Length Only, Add	0.69	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.64	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.07	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.61	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.09	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.58	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.08	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.15	
			For Each SF Of 24 Gauge Wall Panel, Add	0.66	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.58	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0042 GSF 20' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	22.60	4.68
For 30' To 49' In Length Only, Add	3.18	
For 50' To 69' In Length Only, Add	1.73	
For 70' To 99' In Length Only, Add	0.71	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.68	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.13	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.70	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.20	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.71	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.29	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.42	
For Each SF Of 24 Gauge Wall Panel, Add	0.70	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0043 GSF 24' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	25.17	5.34
For 30' To 49' In Length Only, Add	3.48	
For 50' To 69' In Length Only, Add	1.90	
For 70' To 99' In Length Only, Add	0.78	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.76	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.26	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.89	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.45	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.02	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.78	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.04	
For Each SF Of 24 Gauge Wall Panel, Add	0.77	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.69	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0044 &gt;40' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0027)		
13 34 19 00-0045 GSF 10' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	15.23	2.53
For 30' To 49' In Length Only, Add	2.44	
For 50' To 69' In Length Only, Add	1.33	
For 70' To 99' In Length Only, Add	0.55	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.76	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.14	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.48	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.83	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.89	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.66	
For Each SF Of 24 Gauge Wall Panel, Add	0.48	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.38	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0046 GSF 12' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	16.00	2.71
For 30' To 49' In Length Only, Add	2.54	
For 50' To 69' In Length Only, Add	1.39	
For 70' To 99' In Length Only, Add	0.57	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.48	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.80	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.20	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.56	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.92	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.04	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.84	
For Each SF Of 24 Gauge Wall Panel, Add	0.51	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.40	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0047 GSF 14' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	16.74	2.88
For 30' To 49' In Length Only, Add	2.64	
For 50' To 69' In Length Only, Add	1.44	
For 70' To 99' In Length Only, Add	0.59	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.50	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.84	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.26	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.63	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.01	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.18	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.02	
For Each SF Of 24 Gauge Wall Panel, Add	0.53	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.42	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
13 34 19 00-0048	GSF 16' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	17.57	3.05
	For 30' To 49' In Length Only, Add	2.75	
	For 50' To 69' In Length Only, Add	1.50	
	For 70' To 99' In Length Only, Add	0.62	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.53	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.88	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.32	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.71	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.11	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.34	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.22	
	For Each SF Of 24 Gauge Wall Panel, Add	0.55	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.44	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0049	GSF 18' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	18.61	3.26
	For 30' To 49' In Length Only, Add	2.90	
	For 50' To 69' In Length Only, Add	1.59	
	For 70' To 99' In Length Only, Add	0.65	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.56	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.93	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.40	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.81	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.23	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.54	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.47	
	For Each SF Of 24 Gauge Wall Panel, Add	0.59	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.46	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0050	GSF 20' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	19.59	3.44
	For 30' To 49' In Length Only, Add	3.06	
	For 50' To 69' In Length Only, Add	1.67	
	For 70' To 99' In Length Only, Add	0.69	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.59	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.98	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.47	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.91	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.35	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.72	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.70	
	For Each SF Of 24 Gauge Wall Panel, Add	0.62	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.48	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0051	GSF 24' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	21.76	3.90
	For 30' To 49' In Length Only, Add	3.35	
	For 50' To 69' In Length Only, Add	1.83	
	For 70' To 99' In Length Only, Add	0.75	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.65	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.09	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.63	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.12	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.61	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.13	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.22	
	For Each SF Of 24 Gauge Wall Panel, Add	0.68	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.53	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0052	<b>Single Post 2-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0001)		
	Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0053	<b>Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0052)		
13 34 19 00-0054	GSF 14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	15.48	2.98
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.77	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.16	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.51	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.86	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.94	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.72	
	For Each SF Of 24 Gauge Wall Panel, Add	0.48	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.43	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	



<b>Special Construction</b>	<b>13</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>	
<b>Fabricated Engineered Structures</b>	<b>13 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0055 GSF 16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	16.51	3.19
For >1 In 12 Slope To 3 In 12 Slope, Add	0.50	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.83	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.24	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.61	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.98	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.14	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.96	
For Each SF Of 24 Gauge Wall Panel, Add	0.51	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.45	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0056 GSF 18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	17.32	3.36
For >1 In 12 Slope To 3 In 12 Slope, Add	0.52	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.87	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.30	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.69	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.08	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.29	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.16	
For Each SF Of 24 Gauge Wall Panel, Add	0.54	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.47	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0057 GSF 20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	17.29	3.12
For >1 In 12 Slope To 3 In 12 Slope, Add	0.52	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.86	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.30	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.69	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.07	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.29	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.15	
For Each SF Of 24 Gauge Wall Panel, Add	0.54	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.44	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0058 GSF 24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	18.70	3.40
For >1 In 12 Slope To 3 In 12 Slope, Add	0.56	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.94	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.40	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.82	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.24	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.55	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.49	
For Each SF Of 24 Gauge Wall Panel, Add	0.59	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.47	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0059 &gt;60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings</b> <small>(13 34 19 00-0052)</small>		
13 34 19 00-0060 GSF 14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	14.53	2.63
For >1 In 12 Slope To 3 In 12 Slope, Add	0.44	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.73	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.09	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.42	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.74	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.76	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.49	
For Each SF Of 24 Gauge Wall Panel, Add	0.46	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.39	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0061 GSF 16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	15.46	2.81
For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.77	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.16	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.51	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.86	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.94	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.71	
For Each SF Of 24 Gauge Wall Panel, Add	0.48	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.41	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction**

**13 30 Special Structures**

**13 34 Fabricated Engineered Structures**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0062	GSF		18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	16.26	2.98
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.81	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.22	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.59	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.95	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.09	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.90	
			For Each SF Of 24 Gauge Wall Panel, Add	0.51	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.43	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0063	GSF		20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	16.98	3.12
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.85	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.27	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.66	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.04	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.23	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.08	
			For Each SF Of 24 Gauge Wall Panel, Add	0.53	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.44	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0064	GSF		24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	18.36	3.40
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.55	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.92	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.38	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.79	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.20	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.49	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.41	
			For Each SF Of 24 Gauge Wall Panel, Add	0.57	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.47	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0065			<b>&gt;80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0062)		
13 34 19 00-0066	GSF		14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	13.63	2.33
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.41	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.68	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.02	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.33	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.64	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.59	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.27	
			For Each SF Of 24 Gauge Wall Panel, Add	0.43	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.36	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0067	GSF		16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	14.31	2.43
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.43	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.72	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.07	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.40	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.72	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.72	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.43	
			For Each SF Of 24 Gauge Wall Panel, Add	0.45	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.37	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0068	GSF		18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	15.04	2.56
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.45	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.75	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.13	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.47	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.80	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.86	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.61	
			For Each SF Of 24 Gauge Wall Panel, Add	0.48	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.38	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	





<b>Special Construction</b>	<b>13</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>	
<b>Fabricated Engineered Structures</b>	<b>13 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0069 GSF 20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	15.70	2.66
For >1 In 12 Slope To 3 In 12 Slope, Add	0.47	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.79	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.18	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.53	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.88	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.98	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.77	
For Each SF Of 24 Gauge Wall Panel, Add	0.50	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.39	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0070 GSF 24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	16.96	2.91
For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.85	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.27	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.65	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.04	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.22	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.07	
For Each SF Of 24 Gauge Wall Panel, Add	0.54	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.42	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0071 &gt;100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0052)</b>		
13 34 19 00-0072 GSF 14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	13.33	2.22
For >1 In 12 Slope To 3 In 12 Slope, Add	0.40	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.67	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.00	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.30	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.60	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.53	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.20	
For Each SF Of 24 Gauge Wall Panel, Add	0.42	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.34	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0073 GSF 16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	13.85	2.33
For >1 In 12 Slope To 3 In 12 Slope, Add	0.42	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.69	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.04	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.35	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.66	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.63	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.32	
For Each SF Of 24 Gauge Wall Panel, Add	0.44	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.36	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0074 GSF 18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	14.51	2.43
For >1 In 12 Slope To 3 In 12 Slope, Add	0.44	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.73	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.09	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.41	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.74	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.76	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.48	
For Each SF Of 24 Gauge Wall Panel, Add	0.46	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.37	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0075 GSF 20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	15.11	2.53
For >1 In 12 Slope To 3 In 12 Slope, Add	0.45	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.76	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.13	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.47	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.81	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.87	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.63	
For Each SF Of 24 Gauge Wall Panel, Add	0.48	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.38	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0076	GSF		24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	16.39	2.74
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.82	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.23	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.60	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.97	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.11	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.93	
			For Each SF Of 24 Gauge Wall Panel, Add	0.52	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.40	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0077			<b>Double Post 3-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0001)		
			Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0078			<b>Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0077)		
13 34 19 00-0079	GSF		14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	13.06	2.33
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.39	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.65	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.98	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.27	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.57	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.48	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.13	
			For Each SF Of 24 Gauge Wall Panel, Add	0.41	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.36	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0080	GSF		16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	13.57	2.43
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.41	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.68	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.02	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.32	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.63	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.58	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.26	
			For Each SF Of 24 Gauge Wall Panel, Add	0.43	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.37	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0081	GSF		18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	13.73	2.36
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.41	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.69	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.03	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.34	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.65	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.61	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.30	
			For Each SF Of 24 Gauge Wall Panel, Add	0.43	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.36	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0082	GSF		20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	14.27	2.46
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.43	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.71	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.07	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.39	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.71	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.71	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.42	
			For Each SF Of 24 Gauge Wall Panel, Add	0.45	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.37	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0083	GSF		24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	16.21	2.63
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.81	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.22	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.58	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.95	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.08	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.89	
			For Each SF Of 24 Gauge Wall Panel, Add	0.51	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.39	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0084			<b>&gt;120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings</b> (13 34 19 00-0077)		



<b>Special Construction</b>	<b>13</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>	
<b>Fabricated Engineered Structures</b>	<b>13 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0085 GSF 14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding .....	12.45	2.11
For >1 In 12 Slope To 3 In 12 Slope, Add	0.37	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.62	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.93	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.21	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.49	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.37	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.99	
For Each SF Of 24 Gauge Wall Panel, Add	0.39	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.33	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0086 GSF 16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding .....	13.87	2.18
For >1 In 12 Slope To 3 In 12 Slope, Add	0.39	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.64	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.97	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.25	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.54	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.45	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.09	
For Each SF Of 24 Gauge Wall Panel, Add	0.41	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.34	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0087 GSF 18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding .....	13.36	2.27
For >1 In 12 Slope To 3 In 12 Slope, Add	0.40	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.67	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.00	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.30	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.60	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.54	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.21	
For Each SF Of 24 Gauge Wall Panel, Add	0.42	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.35	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0088 GSF 20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding .....	13.82	2.36
For >1 In 12 Slope To 3 In 12 Slope, Add	0.41	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.69	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.04	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.35	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.66	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.63	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.32	
For Each SF Of 24 Gauge Wall Panel, Add	0.44	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.36	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0089 GSF 24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding .....	15.74	2.53
For >1 In 12 Slope To 3 In 12 Slope, Add	0.47	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.79	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.18	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.53	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.89	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.99	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.78	
For Each SF Of 24 Gauge Wall Panel, Add	0.50	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.38	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings <small>(13 34 19 00-0001)</small></b>		
Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
<b>13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building <small>(13 34 19 00-0090)</small></b>		
13 34 19 00-0092 GSF 14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	11.98	2.01
For >1 In 12 Slope To 3 In 12 Slope, Add	0.36	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.60	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.90	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.17	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.44	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.28	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.88	
For Each SF Of 24 Gauge Wall Panel, Add	0.38	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.32	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0093	GSF		16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.50	2.08
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.38	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.63	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.94	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.22	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.50	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.38	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.00	
			For Each SF Of 24 Gauge Wall Panel, Add	0.40	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.33	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0094	GSF		18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.93	2.15
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.39	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.65	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.97	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.26	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.55	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.46	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.10	
			For Each SF Of 24 Gauge Wall Panel, Add	0.41	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.34	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0095	GSF		20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	13.32	2.22
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.40	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.67	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.00	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.30	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.60	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.53	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.20	
			For Each SF Of 24 Gauge Wall Panel, Add	0.42	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.34	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0096	GSF		24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	15.22	2.43
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.76	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.14	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.48	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.83	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.89	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.65	
			For Each SF Of 24 Gauge Wall Panel, Add	0.48	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.37	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0097			<b>&gt;160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building</b> <small>(13 34 19 00-0090)</small>		
13 34 19 00-0098	GSF		14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	11.86	1.94
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.36	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.59	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.89	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.16	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.42	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.25	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.85	
			For Each SF Of 24 Gauge Wall Panel, Add	0.38	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.31	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0099	GSF		16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.29	2.01
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.37	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.61	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.92	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.20	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.47	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.34	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.95	
			For Each SF Of 24 Gauge Wall Panel, Add	0.39	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.32	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	



<b>Special Construction</b>	<b>13</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>	
<b>Fabricated Engineered Structures</b>	<b>13 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0100 GSF 18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.76	2.08
For >1 In 12 Slope To 3 In 12 Slope, Add	0.38	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.64	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.96	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.24	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.53	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.42	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.06	
For Each SF Of 24 Gauge Wall Panel, Add	0.41	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.33	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0101 GSF 20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	13.19	2.15
For >1 In 12 Slope To 3 In 12 Slope, Add	0.40	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.66	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.99	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.29	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.58	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.51	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.17	
For Each SF Of 24 Gauge Wall Panel, Add	0.42	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.34	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0102 GSF 24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	15.00	2.33
For >1 In 12 Slope To 3 In 12 Slope, Add	0.45	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.75	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.13	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.46	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.80	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.85	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.60	
For Each SF Of 24 Gauge Wall Panel, Add	0.48	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.36	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
<b>13 34 19 00-0103 &gt;180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0090)</b>		
13 34 19 00-0104 GSF 14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	11.77	1.87
For >1 In 12 Slope To 3 In 12 Slope, Add	0.35	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.59	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.88	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.15	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.41	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.24	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.82	
For Each SF Of 24 Gauge Wall Panel, Add	0.37	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.31	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0105 GSF 16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.10	1.94
For >1 In 12 Slope To 3 In 12 Slope, Add	0.36	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.61	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.91	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.18	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.45	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.30	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	2.90	
For Each SF Of 24 Gauge Wall Panel, Add	0.38	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.31	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0106 GSF 18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	12.58	2.01
For >1 In 12 Slope To 3 In 12 Slope, Add	0.38	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.63	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	0.94	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.23	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.51	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.39	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.02	
For Each SF Of 24 Gauge Wall Panel, Add	0.40	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.32	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

**13 Special Construction****13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0107	GSF		20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	13.05	2.08
			<i>For &gt;1 In 12 Slope To 3 In 12 Slope, Add</i>	0.39	
			<i>For &gt;3 In 12 Slope To 5 In 12 Slope, Add</i>	0.65	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	0.98	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	1.27	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	1.57	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.48	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	3.13	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.42	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.33	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0108	GSF		24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding .....	14.88	2.25
			<i>For &gt;1 In 12 Slope To 3 In 12 Slope, Add</i>	0.45	
			<i>For &gt;3 In 12 Slope To 5 In 12 Slope, Add</i>	0.74	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.12	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	1.45	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	1.79	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.83	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	3.57	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.48	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.35	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0109			<b>Metal Building Options</b> <small>(13 34 19 00-0001)</small>		
			Note: For use with metal buildings only. See CSI section 08 36 13 00-0013 for sectional doors, 08 51 13 00-0065 for sliding windows.		
13 34 19 00-0110			<b>Metal Framing For Rough Openings</b> <small>(13 34 19 00-0109)</small>		
13 34 19 00-0111	EA		Single Door, Metal Frame Rough Opening .....	267.49	77.63
13 34 19 00-0112	EA		Double Door, Metal Frame Rough Opening .....	399.56	100.51
13 34 19 00-0113	EA		10' x 10' Overhead Door, Metal Frame Rough Opening .....	458.21	95.31
13 34 19 00-0114	EA		12' x 12' Overhead Door, Metal Frame Rough Opening .....	492.64	97.05
13 34 19 00-0115	EA		14' x 14' Overhead Door, Metal Frame Rough Opening .....	521.71	100.51
13 34 19 00-0116	EA		Up To 12 SF, Window Opening, Metal Frame Rough Opening .....	258.85	77.63
13 34 19 00-0117	EA		>12 To 18 SF, Window Opening, Metal Frame Rough Opening .....	291.24	88.24
13 34 19 00-0118	LF		Additional Girts .....	6.95	
13 34 19 00-0119			<b>Wall Panel Options For Metal Buildings</b> <small>(13 34 19 00-0109)</small>		
			Note: Upgrade from 26 gauge wall panels.		
13 34 19 00-0120	SF		Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile .....	7.29	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0121	SF		Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile .....	8.80	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0122	SF		Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile .....	10.17	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0123	SF		Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile .....	11.72	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0124			<b>Roofing Options For Metal Buildings</b> <small>(13 34 19 00-0109)</small>		
			Note: Upgrade from 26 gauge standing seam roof panels.		
13 34 19 00-0125	SF		Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof .....	0.76	
13 34 19 00-0126	SF		Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42 .....	10.81	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0127	SF		Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42 .....	11.65	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0128	SF		Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42 .....	12.32	
			Note: 24 gauge exterior and 24 gauge interior panels.		
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
13 34 19 00-0129	EA		3' x 10' Translucent Fiberglass Panels .....	104.24	29.80
13 34 19 00-0130	LF		Vented Ridge Vent For Standing Seam Roof .....	21.40	
13 34 19 00-0131			<b>Insulation For Metal Buildings</b> <small>(13 34 19 00-0109)</small>		
13 34 19 00-0132	SF		1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation .....	0.68	0.18
13 34 19 00-0133	SF		2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation .....	0.75	0.18
13 34 19 00-0134	SF		3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation .....	0.86	0.24
13 34 19 00-0135	SF		3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation .....	0.99	0.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0136 SF 6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation.....	1.24	0.24
13 34 19 00-0137 SF 1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation .....	0.83	0.18
13 34 19 00-0138 SF 2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation .....	0.90	0.18
13 34 19 00-0139 SF 3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation .....	0.98	0.24
13 34 19 00-0140 SF 3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation .....	1.08	0.24
13 34 19 00-0141 SF 6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation .....	1.29	0.24
13 34 19 00-0142 SF 1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation .....	0.79	0.18
13 34 19 00-0143 SF 2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation .....	0.87	0.18
13 34 19 00-0144 SF 3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation .....	1.04	0.24
13 34 19 00-0145 SF 3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation .....	1.14	0.24
13 34 19 00-0146 SF 6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation.....	1.34	0.24
13 34 19 00-0147 SF 2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation.....	0.73	0.18
13 34 19 00-0148 SF 3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation .....	0.77	0.18
13 34 19 00-0149 SF 4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation .....	0.87	0.24
13 34 19 00-0150 SF 6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation .....	1.08	0.24
13 34 19 00-0151 SF 2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	0.74	0.18
13 34 19 00-0152 SF 3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	0.78	0.18
13 34 19 00-0153 SF 4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	0.89	0.24
13 34 19 00-0154 SF 6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	1.11	0.24
13 34 19 00-0155 SF 2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation.....	0.99	0.18
13 34 19 00-0156 SF 3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation.....	1.05	0.18
13 34 19 00-0157 SF 4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation.....	1.16	0.24
13 34 19 00-0158 SF 6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation.....	1.38	0.24
<b>13 34 19 00-0159 Eave And Overhang Options For Metal Buildings (13 34 19 00-0109)</b>		
13 34 19 00-0160 LF 2' End Wall Roof Overhang And 26 Gauge Soffit.....	34.53	5.41
13 34 19 00-0161 LF 4' End Wall Roof Overhang And 26 Gauge Soffit .....	52.66	3.88
13 34 19 00-0162 SF Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy.....	48.81	8.66
Note: Up to 7' projection from wall. Includes finished underside and edges.		
For End Braced (Up To 16' Wall Projection), Add	11.34	
For Overhead Braced (Up To 10' Wall Projection), Add	6.46	
13 34 19 00-0163 SF >20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy .....	40.80	7.27
Note: Up to 7' projection from wall. Includes finished underside and edges.		
For End Braced (Up To 16' Wall Projection), Add	9.47	
For Overhead Braced (Up To 10' Wall Projection), Add	5.39	
13 34 19 00-0164 SF >50 SF, Prefinished Aluminum, Wall Hung Canopy.....	31.16	6.23
Note: Up to 7' projection from wall. Includes finished underside and edges.		
For End Braced (Up To 16' Wall Projection), Add	7.17	
For Overhead Braced (Up To 10' Wall Projection), Add	4.05	
13 34 19 00-0165 SF Up To 50 SF, Prefinished Aluminum, Free Standing Canopy.....	60.38	13.17
Note: Includes finished underside and edges.		
13 34 19 00-0166 SF >50 SF, Prefinished Aluminum, Free Standing Canopy.....	40.32	7.97
Note: Includes finished underside and edges.		
13 34 19 00-0167 LF 1' Standard Eave Overhang Without Soffit .....	23.51	
13 34 19 00-0168 LF 2' Standard Eave Overhang Without Soffit .....	29.40	
13 34 19 00-0169 LF 3' Standard Eave Overhang Without Soffit .....	35.46	
13 34 19 00-0170 LF 4' Standard Eave Overhang Without Soffit .....	41.43	
13 34 19 00-0171 LF 6' Standard Eave Overhang Without Soffit .....	53.04	
13 34 19 00-0172 LF 1' Standard Eave Overhang And 26 Gauge Soffit .....	31.28	
For 24 Gauge, Add	3.36	
13 34 19 00-0173 LF 2' Standard Eave Overhang And 26 Gauge Soffit .....	39.08	
For 24 Gauge, Add	4.24	
13 34 19 00-0174 LF 3' Standard Eave Overhang And 26 Gauge Soffit .....	47.03	
For 24 Gauge, Add	5.08	
13 34 19 00-0175 LF 4' Standard Eave Overhang And 26 Gauge Soffit .....	54.98	
For 24 Gauge, Add	5.92	
13 34 19 00-0176 LF 6' Standard Eave Overhang And 26 Gauge Soffit .....	70.25	
For 24 Gauge, Add	7.63	
<b>13 34 19 00-0177 Louvers And Vents For Metal Buildings (13 34 19 00-0109)</b>		
13 34 19 00-0178 EA 4' x 3' Fixed Louver .....	385.25	108.14
13 34 19 00-0179 EA 12" Rotary Vent With Damper.....	234.72	69.32
13 34 19 00-0180 EA 20" Rotary Vent With Damper.....	406.96	92.54
13 34 19 00-0181 EA 24" Rotary Vent With Damper.....	534.90	103.98
13 34 19 00-0182 EA Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10'.....	617.58	138.64
13 34 19 00-0183 EA Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10'.....	656.31	138.64
13 34 19 00-0184 EA Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen .....	757.69	138.64
13 34 19 00-0185 EA Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	824.41	138.64
13 34 19 00-0186 EA Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	897.81	138.64
13 34 19 00-0187 EA Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen .....	971.21	138.64
13 34 19 00-0188 EA Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen .....	1,274.07	173.29
13 34 19 00-0189 EA Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen .....	1,394.17	173.29
<b>13 34 19 00-0190 Gutters And Downspouts For Metal Buildings (13 34 19 00-0109)</b>		
13 34 19 00-0191 LF Pre-Engineered Standard Type Gutter, Painted .....	8.82	1.73
For Galvanized Instead Of Painted, Deduct	-1.34	
13 34 19 00-0192 LF Pre-Engineered Standard Type Downspout, Painted.....	7.00	2.43
For Galvanized Instead Of Painted, Deduct	-0.54	

<b>13</b>	<b>Special Construction</b>
<b>13 30</b>	<b>Special Structures</b>
<b>13 34</b>	<b>Fabricated Engineered Structures</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 13 34 23 Fabricated Structures (13 34)

#### 13 34 23 13 Portable And Mobile Buildings (13 34 23)

Note: Includes material, delivery to site, factory design analysis and report, shop drawings and assembly of building on site. Tie down with hurricane anchors on approved foundation. Excludes utility hook-ups and foundation.

13 34 23 13-0001	Prefabricated Signal, Communication Or Electrical Building <small>(13 34 23 13)</small>		
	Note: Complete, includes door, roof, lights and wiring, insulation, painted.		
13 34 23 13-0002	SF 15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building .....	419.57	
13 34 23 13-0003	SF 30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building .....	359.84	
13 34 23 13-0004	SF 50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building .....	287.97	
13 34 23 13-0005	SF 80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building .....	227.90	
13 34 23 13-0006	SF 100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building .....	203.73	
13 34 23 13-0007	Relocate Trailer Within 5 Miles <small>(13 34 23 13)</small>		
	Note: Includes removal of tie-downs and underpins. Set-up tie-downs.		
13 34 23 13-0008	EA Relocate Single Trailer Within 5 Miles .....	546.47	
13 34 23 13-0009	SF Install Under-Pinning.....	2.53	
13 34 23 13-0010	Temporary Trailers 1 To 6 Years Life <small>(13 34 23 13)</small>		
	Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
13 34 23 13-0011	SF Single Trailer Up To 14' x 73' .....	33.77	
	For Each Delivery And Set-Up (Block And Level), Add	976.48	
	For Each Knock-Down And Pick-Up, Add	696.48	
	For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
13 34 23 13-0012	SF Modular Trailers, Connected.....	47.28	
	For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
	For Each Delivery And Set-Up (Block And Level), Add	2,085.13	
	For Each Knock-Down And Pick-Up, Add	1,435.13	
13 34 23 13-0013	EA Add Per Additional Exterior Door With Frame And Hardware.....	506.53	
13 34 23 13-0014	Accessories <small>(13 34 23 13)</small>		
13 34 23 13-0015	Skirting <small>(13 34 23 13-0014)</small>		
	Note: Includes 2" x 4" wood framing 16" on center.		
13 34 23 13-0016	Vinyl Covered, Exterior Only <small>(13 34 23 13-0015)</small>		
13 34 23 13-0017	SF 1'-8" High Vinyl Covered Skirt.....	2.40	0.82
13 34 23 13-0018	SF 3' High Vinyl Covered Skirt .....	3.45	1.35
13 34 23 13-0019	Fiberglass, Exterior Only <small>(13 34 23 13-0015)</small>		
13 34 23 13-0020	SF 1'-8" High Fiberglass Skirt.....	4.28	1.55
13 34 23 13-0021	SF 3' High Fiberglass Skirt.....	4.94	1.89
13 34 23 13-0022	Plywood, Exterior Only <small>(13 34 23 13-0015)</small>		
13 34 23 13-0023	SF 1'-8" High 5/8" Plywood Skirt .....	4.04	1.65
13 34 23 13-0024	SF 3' High 5/8" Plywood Skirt.....	4.77	1.99
13 34 23 13-0025	Steel, Painted, Exterior Only <small>(13 34 23 13-0015)</small>		
13 34 23 13-0026	SF 1'-8" High 26 Gauge Steel Skirt .....	4.74	1.55
13 34 23 13-0027	SF 3' High 26 Ga. Steel Skirt.....	5.46	1.89
13 34 23 13-0028	14" x 14" Access Hatch <small>(13 34 23 13-0014)</small>		
	Note: Simple design.		
13 34 23 13-0029	EA 14" x 14" Vinyl Covered Access Hatch .....	119.94	36.32
13 34 23 13-0030	EA 14" x 14" Fiberglass Access Hatch .....	100.64	36.32
13 34 23 13-0031	EA 14" x 14" Plywood Access Hatch .....	118.98	36.32
13 34 23 13-0032	EA 14" x 14" 26 Gauge Steel Access Hatch.....	119.76	36.32
13 34 23 13-0033	Aluminum Modular Access Ramp <small>(13 34 23 13-0014)</small>		
	Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
13 34 23 13-0034	EA 72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp.....	1,830.32	12.11
13 34 23 13-0035	EA 60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp .....	1,844.86	15.74
13 34 23 13-0036	EA 60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp.....	3,807.51	24.22
13 34 23 13-0037	EA 110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp .....	4,104.96	24.22
13 34 23 13-0038	EA 60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp.....	1,919.22	15.74
13 34 23 13-0039	EA 71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp .....	1,904.68	12.11
13 34 23 13-0040	EA 84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp .....	2,660.98	15.74
13 34 23 13-0041	EA 30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp .....	1,882.97	15.74
13 34 23 13-0042	EA 35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp .....	1,882.97	15.74





<b>Special Construction</b>	<b>13</b>
<b>Special Structures</b>	<b>13 30</b>
<b>Fabricated Engineered Structures</b>	<b>13 34</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0043 EA 42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp.....	2,146.02	15.74
13 34 23 13-0044 EA 49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp.....	2,407.22	15.74
<b>13 34 23 14 Fabricated Classroom Buildings (13 34 23)</b>		
<b>13 34 23 14-0001 Semi Permanent Modular Transportable Buildings (13 34 23 14)</b>		
13 34 23 14-0002 SF Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom.....	50.32	
For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
For Each Delivery And Set-Up (Block And Level), Add	2,085.13	
For Each Knock-Down And Pick-Up, Add	1,435.13	
13 34 23 14-0003 SF Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room.....	51.80	
For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
For Each Delivery And Set-Up (Block And Level), Add	2,085.13	
For Each Knock-Down And Pick-Up, Add	1,435.13	
<b>13 34 23 16 Fabricated Control Booths (13 34 23)</b>		
<b>13 34 23 16-0001 Fabricated Parking Attendant Booths (13 34 23 16)</b>		
Note: Excludes foundations and slab.		
13 34 23 16-0002 EA Parking Booth For Attendant.....	1,053.32	
<b>13 34 23 31 Fabricated Pavilion Style Buildings (13 34 23)</b>		
<b>13 34 23 31-0001 Pavilion Style Metal Shelter Structures (13 34 23 31)</b>		
Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.		
13 34 23 31-0002 EA 12' x 12' Metal Shelter Structure.....	7,076.38	1,329.23
13 34 23 31-0003 EA 16' x 16' Metal Shelter Structure.....	8,324.59	1,387.04
13 34 23 31-0004 EA 16' x 32' Metal Shelter Structure.....	10,642.03	1,479.52
13 34 23 31-0005 EA 20' x 20' Metal Shelter Structure.....	9,992.29	1,433.27
13 34 23 31-0006 EA 20' x 30' Metal Shelter Structure.....	12,378.70	1,571.98
13 34 23 31-0007 EA 20' x 40' Metal Shelter Structure.....	14,772.19	1,618.22
13 34 23 31-0008 EA 24' x 24' Metal Shelter Structure.....	12,239.76	1,479.52
13 34 23 31-0009 EA 24' x 48' Metal Shelter Structure.....	17,297.50	1,849.39
13 34 23 31-0010 EA 30' x 30' Metal Shelter Structure.....	16,622.52	1,849.39
13 34 23 31-0011 EA 30' x 60' Metal Shelter Structure.....	30,482.00	2,311.74
13 34 23 31-0012 EA 40' x 40' Metal Shelter Structure.....	28,255.54	2,889.15
13 34 23 31-0013 EA 40' x 60' Metal Shelter Structure.....	40,873.72	3,236.43
<b>13 40 Integrated Construction (13)</b>		
<b>13 47 Facility Protection (13 40)</b>		
<b>13 47 13 Cathodic Protection (13 47)</b>		
<b>13 47 13 13 Cathodic Protection for Underground and Submerged Piping (13 47 13)</b>		
<b>13 47 13 13-0001 Anodes (13 47 13 13)</b>		
<b>13 47 13 13-0002 Magnesium Type, Conventional (13 47 13 13-0001)</b>		
13 47 13 13-0003 EA 9 LB Magnesium Type Anodes.....	231.72	98.54
13 47 13 13-0004 EA 17 LB Magnesium Type Anodes.....	345.54	142.43
13 47 13 13-0005 EA 32 LB Magnesium Type Anode.....	476.85	183.23
13 47 13 13-0006 EA 48 LB Magnesium Type Anode.....	680.96	256.36
<b>13 47 13 13-0007 Graphite Type (13 47 13 13-0001)</b>		
Note: Includes epoxy cap.		
13 47 13 13-0008 EA 3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap.....	353.57	139.75
13 47 13 13-0009 EA 4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap.....	561.16	195.15
13 47 13 13-0010 EA 6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap.....	433.83	122.13
13 47 13 13-0011 EA 6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap.....	676.12	163.04
<b>13 47 13 13-0012 Rectifiers (13 47 13 13)</b>		
<b>13 47 13 13-0013 Air Cooled, Silicon Type (13 47 13 13-0012)</b>		
13 47 13 13-0014 EA Air Cooled Rectifiers, 28 Volt, 10 Amp Silicon Type.....	1,195.34	198.31
13 47 13 13-0015 EA Air Cooled Rectifiers, 20 Volt / 20 Amp Silicon Type.....	1,294.99	198.31
<b>13 47 13 13-0016 Oil Immersed, Silicon Type (13 47 13 13-0012)</b>		
13 47 13 13-0017 EA Oil Immersed Rectifiers, 28 Volt, 10 Amp Silicon Type.....	1,810.31	229.30
13 47 13 13-0018 EA Oil Immersed Rectifiers, 20 Volt / 20 Amp Silicon Type.....	1,917.09	229.30
<b>13 47 13 13-0019 Anode Backfill (13 47 13 13)</b>		
13 47 13 13-0020 LB Anode Backfill, Coke Breeze.....	0.67	0.25

<b>13</b>	<b>13</b>	<b>Special Construction</b>
	<b>13 40</b>	<b>Integrated Construction</b>
	<b>13 47</b>	<b>Facility Protection</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>13 47 13 13-0021</b> <b>Cathodic Protection Cable</b> <small>(13 47 13 13)</small>		
13 47 13 13-0022    MLF Cathodic Protection Cable, OR2 - No 8 .....	1,345.41	488.51
13 47 13 13-0023    MLF Cathodic Protection Cable, OR2 - No 6 .....	1,508.77	488.51
13 47 13 13-0024    MLF Cathodic Protection Cable, OR2 - No 4 .....	1,753.81	488.51
13 47 13 13-0025    MLF Cathodic Protection Cable, OR2 - No 2 .....	2,162.20	488.51
13 47 13 13-0026    MLF Cathodic Protection Cable, OR2 - No 1 .....	2,708.14	538.24
13 47 13 13-0027    MLF Cathodic Protection Cable, OR2-No 1/0 .....	3,014.43	538.24
13 47 13 13-0028    MLF Cathodic Protection Cable, OR2-No 2/0 .....	3,524.92	538.24
13 47 13 13-0029    MLF Cathodic Protection Cable, OR2-No 4/0 .....	4,846.62	586.71
<b>13 47 13 13-0030</b> <b>Cathodic Test Stations</b> <small>(13 47 13 13)</small>		
<b>13 47 13 13-0031</b> <b>Flush Curb Box Type With Lockable Cover And Terminal Box</b> <small>(13 47 13 13-0030)</small>		
13 47 13 13-0032    EA Cathodic Test Station, Flush Curb Type With Lockable Cover .....	188.32	57.15
<b>13 47 13 16</b> <b>Cathodic Protection for Underground Storage Tank</b> <small>(13 47 13)</small>		
See CSI section 13 47 13 13-0000 for cathodic protection for tanks.		

**END OF SECTION 13**



<b>Fire Suppression</b>	<b>21</b>	<b>12</b>
<b>Operation and Maintenance of Fire Suppression</b>	<b>21 01</b>	
<b>Operation and Maintenance of Water-Based Fire-Suppression Systems</b>	<b>21 01 10</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 21 Fire Suppression

### 21 01 Operation and Maintenance of Fire Suppression <sup>(21)</sup>

#### 21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems <sup>(21 01)</sup>

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 00-0001	EA	Relocate Sprinkler Head And Branch Piping <sup>(21 01 10)</sup>	
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 00-0002	EA	Relocate Existing Sprinkler Head And Branch Piping.....	35.92
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 00-0003		<b>Sprinkler Upgrades <sup>(21 01 10)</sup></b>	
21 01 10 00-0004	LF	Bleed Existing Lines Of Water.....	0.33
21 01 10 00-0005	LF	Refill Existing Lines With Water.....	0.40

#### 21 01 30 Operation and Maintenance of Fire-Suppression Equipment <sup>(21 01)</sup>

21 01 30 00-0001	EA	Inspection And Recharge <sup>(21 01 30)</sup>	
21 01 30 00-0002	EA	Inspection, CO2, Carbon Dioxide.....	128.68
21 01 30 00-0003	LB	Refill/Recharge, CO2, Carbon Dioxide.....	1.45
21 01 30 00-0004	EA	Inspection, Halon 1301.....	128.68
21 01 30 00-0005	LB	Refill/Recharge, Halon 1301.....	34.80
21 01 30 00-0006	EA	Inspection, WC, Wet Chemical.....	77.80
21 01 30 00-0007	GAL	Refill/Recharge, WC, Wet Chemical.....	32.63
21 01 30 00-0008	EA	Inspection, DC, Dry Chemical.....	77.80
21 01 30 00-0009	LB	Refill/Recharge, DC, Dry Chemical.....	2.90
21 01 30 00-0010	EA	Hydrostatic Testing, All Sizes, All Agents.....	23.94
		See CSI section 23 05 93 00-0046 for testing existing piping systems.	
21 01 30 00-0011	EA	Disarm/Arm System.....	41.90

### 21 05 Common Work Results for Fire Suppression <sup>(21)</sup>

#### 21 05 13 Common Motor Requirements For Fire-Suppression Equipment <sup>(21 05)</sup>

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

#### 21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping <sup>(21 05)</sup>

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

#### 21 05 19 Meters And Gages For Fire-Suppression Systems <sup>(21 05)</sup>

21 05 19 00-0001	EA	Fire Service Meter Cast Iron Housing <sup>(21 05 19)</sup>	
21 05 19 00-0002	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	3,002.21
		For >10 To 25, Deduct	-150.11
		For >25, Deduct	-405.97
21 05 19 00-0003	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	5,871.79
		For >10 To 25, Deduct	-293.59
		For >25, Deduct	-819.23
21 05 19 00-0004	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	7,982.11
		For >10 To 25, Deduct	-399.11
		For >25, Deduct	-1,109.78
21 05 19 00-0005	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	10,216.66
		For >10 To 25, Deduct	-510.83
		For >25, Deduct	-1,438.71
21 05 19 00-0006	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	14,234.98
		For >10 To 25, Deduct	-711.75
		For >25, Deduct	-2,024.83

#### 21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping <sup>(21 05)</sup>

See CSI section 23 05 23 00-0000 for valves.

#### 21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment <sup>(21 05)</sup>

See CSI section 23 05 29 00-0000 for hangers and supports.

#### 21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment <sup>(21 05)</sup>

<b>21</b>	<b>21 Fire Suppression</b>
	<b>21 05 Common Work Results for Fire Suppression</b>
	<b>21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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See CSI section 23 05 48 00-0000 for vibration and seismic control.

**21 05 53 Identification For Fire-Suppression Piping And Equipment** <sup>(21 05)</sup>

See CSI section 23 05 53 00-0000 for identification.

**21 10 Water-Based Fire-Suppression Systems** <sup>(21)</sup>

See CSI section 22 11 16 00-0345 for copper pipe, 22 11 16 00-0717 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

**21 11 Facility Fire-Suppression Water-Service Piping** <sup>(21 10)</sup>

**21 11 19 Fire-Department Connections** <sup>(21 11)</sup>

**21 11 19 00-0001 Fire Department Connections** <sup>(21 11 19)</sup>

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	480.11	187.64
		<i>For Polished Chrome, Add</i>	24.48	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	655.28	234.56
		<i>For Polished Chrome, Add</i>	37.47	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	664.09	187.64
		<i>For Polished Chrome, Add</i>	47.47	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	871.11	234.56
		<i>For Polished Chrome, Add</i>	64.45	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	923.87	234.56
		<i>For Polished Chrome, Add</i>	71.05	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	814.31	248.24
		<i>For Polished Chrome, Add</i>	54.79	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	535.77	187.64
		<i>For Polished Chrome, Add</i>	31.44	

**21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated** <sup>(21 11 19)</sup>

See CSI section 33 12 16 00-0001 for adjustable indicator post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve	526.38	176.59
		Note: The wall flange is tapped for a 4" diameter schedule 40 steel pipe which extends through wall.		

**21 12 Fire-Suppression Standpipes** <sup>(21 10)</sup>

**21 12 13 Fire-Suppression Hoses And Nozzles** <sup>(21 12)</sup>

**21 12 13 00-0001 Fire Hose** <sup>(21 12 13)</sup>

**21 12 13 00-0002 Fire Hose Without Couplings** <sup>(21 12 13 00-0001)</sup>

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.65	1.20
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.94	1.20
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.74	1.20
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.08	1.20
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	1.94	1.20
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.46	1.20
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.02	1.20
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.64	1.20

**21 12 13 00-0011 Fire Hose With Aluminum Couplings** <sup>(21 12 13 00-0001)</sup>

21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	2.79	0.66
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	3.41	0.78
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	5.40	0.78

**21 12 13 00-0015 Fire Hose Accessories** <sup>(21 12 13 00-0001)</sup>

21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	64.26	19.75
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	92.56	22.14
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	41.78	15.56
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	75.81	15.56
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	61.28	15.56
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	85.35	15.56
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	149.54	65.84
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	195.18	65.84

**21 12 23 Fire-Suppression Hose Valves** <sup>(21 12)</sup>

**21 12 23 00-0001 Standpipe Valves** <sup>(21 12 23)</sup>

21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	352.00	124.13
		<i>For Polished Chrome, Add</i>	24.60	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	546.15	124.07
		<i>For Polished Chrome, Add</i>	53.73	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	697.40	134.21
		<i>For Polished Chrome, Add</i>	74.10	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	825.94	124.07
		<i>For Polished Chrome, Add</i>	95.69	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	967.04	134.21
		<i>For Polished Chrome, Add</i>	114.55	



<b>Fire Suppression</b>	<b>21</b>	<b>12</b>
<b>Water-Based Fire-Suppression Systems</b>	<b>21 10</b>	
<b>Fire-Suppression Standpipes</b>	<b>21 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0007 EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass.....	516.42	124.07
For Polished Chrome, Add	49.27	
21 12 23 00-0008 EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass.....	744.03	134.21
For Polished Chrome, Add	81.10	
21 12 23 00-0009 EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass.....	940.82	128.09
For Polished Chrome, Add	89.61	
21 12 23 00-0010 EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass.....	1,335.78	142.31
For Polished Chrome, Add	134.42	
21 12 23 00-0011 EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass .....	1,007.72	128.09
For Polished Chrome, Add	97.64	
21 12 23 00-0012 EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass .....	1,436.58	142.31
For Polished Chrome, Add	146.51	
21 12 23 00-0013 EA 2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass.....	2,333.88	170.74
For Polished Chrome, Add	207.51	
<b>21 12 23 00-0014 Fire Hose Cabinet Angle Valves (21 12 23)</b>		
21 12 23 00-0015 EA 1-1/2" Fire Hose Angle Valve, Cast Brass .....	117.55	
21 12 23 00-0016 EA 2-1/2" Fire Hose Angle Valve, Cast Brass .....	198.79	26.93
<b>21 12 29 Fire-Suppression Fire Hose Equipment (21 12)</b>		
<b>21 12 29 00-0001 Standpipe And Fire Hose Equipment (21 12 29)</b>		
21 12 29 00-0002 EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass .....	1,030.80	307.69
21 12 29 00-0003 EA Water Motor Gong .....	344.57	84.62
21 12 29 00-0004 EA Fire Riser Flow Switch (NFPA 13) .....	255.29	9.85
21 12 29 00-0005 EA Water Flow Supervisory (Tamper) Switch Mounted On Valve.....	122.94	16.84
21 12 29 00-0006 EA Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe.....	195.74	51.83
21 12 29 00-0007 EA Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe .....	284.15	68.66
21 12 29 00-0008 EA Pressure-Type Water Flow Detector For >4" To 8" Pipe .....	444.77	77.73
<b>21 13 Fire-Suppression Sprinkler Systems (21 10)</b>		
<b>21 13 13 Wet-Pipe Sprinkler Systems (21 13)</b>		
<b>21 13 13 00-0001 Complete Wet-Pipe Sprinkler Systems (21 13 13)</b>		
Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
<b>21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)</b>		
21 13 13 00-0003 EA Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	246.22	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Copper Pipe, Add	29.26	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-41.57	
For Up To 5, Add	113.84	
For >5 To 10, Add	72.27	
For >10 To 20, Add	47.65	
For >20 To 40, Add	19.99	
For >100 To 150, Deduct	-24.62	
For >150, Deduct	-49.24	
21 13 13 00-0004 EA Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head .....	326.33	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Copper Pipe, Add	37.65	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-53.96	
For Up To 5, Add	153.14	
For >5 To 10, Add	99.17	
For >10 To 20, Add	66.54	
For >20 To 40, Add	27.62	
For >100 To 150, Deduct	-32.63	
For >150, Deduct	-65.27	
<b>21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)</b>		
21 13 13 00-0006 EA Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	245.23	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Copper Pipe, Add	29.20	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-41.46	
For Up To 5, Add	113.26	
For >5 To 10, Add	71.80	
For >10 To 20, Add	47.27	
For >20 To 40, Add	19.84	
For >100 To 150, Deduct	-24.52	
For >150, Deduct	-49.05	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0007	EA		Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....323.41 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. <i>For Copper Pipe, Add</i> 37.36 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -53.53 <i>For Up To 5, Add</i> 151.67 <i>For &gt;5 To 10, Add</i> 98.14 <i>For &gt;10 To 20, Add</i> 65.80 <i>For &gt;20 To 40, Add</i> 27.32 <i>For &gt;100 To 150, Deduct</i> -32.34 <i>For &gt;150, Deduct</i> -64.68		
<b>21 13 13 00-0008</b>			<b>Extra Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)</b>		
21 13 13 00-0009	EA		Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head .....226.95 Note: Includes branch pipe and fittings, supports and sprinkler heads. <i>For Copper Pipe, Add</i> 26.98 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -38.33 <i>For Up To 5, Add</i> 104.91 <i>For &gt;5 To 10, Add</i> 66.58 <i>For &gt;10 To 20, Add</i> 43.88 <i>For &gt;20 To 40, Add</i> 18.41 <i>For &gt;100 To 150, Deduct</i> -22.70 <i>For &gt;150, Deduct</i> -45.39		
21 13 13 00-0010	EA		Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head .....299.85 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. <i>For Copper Pipe, Add</i> 34.59 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -49.58 <i>For Up To 5, Add</i> 140.72 <i>For &gt;5 To 10, Add</i> 91.14 <i>For &gt;10 To 20, Add</i> 61.16 <i>For &gt;20 To 40, Add</i> 25.38 <i>For &gt;100 To 150, Deduct</i> -29.99 <i>For &gt;150, Deduct</i> -59.97		
21 13 13 00-0011			<b>Wet-Pipe Sprinkler Components (21 13 13)</b> Note: Excludes hydraulic calculations.		
<b>21 13 13 00-0012</b>			<b>Wet-Pipe Sprinkler Heads (21 13 13 00-0011)</b>		
21 13 13 00-0013	EA		Pendant Brass Sprinkler Heads, Standard Response .....41.77 <i>For Chrome, Add</i> 1.78		14.97
21 13 13 00-0014	EA		Upright Brass Sprinkler Heads.....35.12 <i>For Chrome, Add</i> 1.23		14.97
21 13 13 00-0015	EA		Sidewall, Vertical, Brass Sprinkler Heads .....36.97 <i>For Chrome, Add</i> 1.51		14.97
21 13 13 00-0016	EA		Sidewall, Horizontal, Brass Sprinkler Heads .....35.04 <i>For Chrome, Add</i> 1.22		14.97
21 13 13 00-0017	EA		Nipple, Adjustable, Fire Sprinkler System.....55.94		5.28
<b>21 13 13 00-0018</b>			<b>Wet-Pipe Alarm Valves (21 13 13 00-0011)</b>		
21 13 13 00-0019	EA		2" Wet-Pipe Alarm Valve.....1,042.12		440.62
21 13 13 00-0020	EA		3" Wet-Pipe Alarm Valve.....1,396.91		601.48
21 13 13 00-0021	EA		4" Wet-Pipe Alarm Valve.....2,313.76		842.08
21 13 13 00-0022	EA		6" Wet-Pipe Alarm Valve.....2,638.27		994.95
21 13 13 00-0023	EA		8" Wet-Pipe Alarm Valve.....3,752.21		1,094.44
<b>21 13 13 00-0024</b>			<b>Flexible Sprinkler Piping (21 13 13 00-0011)</b> Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0025	EA		2' Long Stainless Steel Flexible Sprinkler Piping .....45.34 Note: Includes ceiling mounting bracket.		9.28
21 13 13 00-0026	EA		3' Long Stainless Steel Flexible Sprinkler Piping .....50.39 Note: Includes ceiling mounting bracket.		9.57
21 13 13 00-0027	EA		4' Long Stainless Steel Flexible Sprinkler Piping .....55.52 Note: Includes ceiling mounting bracket.		10.18
21 13 13 00-0028	EA		5' Long Stainless Steel Flexible Sprinkler Piping .....60.80 Note: Includes ceiling mounting bracket.		10.77
21 13 13 00-0029	EA		6' Long Stainless Steel Flexible Sprinkler Piping .....66.23 Note: Includes ceiling mounting bracket.		11.97
<b>21 13 16</b>			<b>Dry-Pipe Sprinkler Systems (21 13)</b>		
<b>21 13 16 00-0001</b>			<b>Complete Dry-Pipe Sprinkler Systems (21 13 16)</b> Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
21 13 16 00-0002			<b>Light Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)</b>		



<b>Fire Suppression</b>	<b>21</b>	<b>12</b>
<b>Water-Based Fire-Suppression Systems</b>	<b>21 10</b>	
<b>Fire-Suppression Sprinkler Systems</b>	<b>21 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0003 EA Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head.....	267.08	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Up To 5, Add	123.64	
For >5 To 10, Add	68.72	
For >10 To 20, Add	51.92	
For >20 To 40, Add	21.76	
For >100 To 150, Deduct	-26.71	
For >150, Deduct	-53.42	
For Copper Pipe, Add	31.66	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-45.01	
21 13 16 00-0004 EA Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head .....	335.86	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Up To 5, Add	157.14	
For >5 To 10, Add	90.58	
For >10 To 20, Add	67.78	
For >20 To 40, Add	28.19	
For >100 To 150, Deduct	-33.59	
For >150, Deduct	-67.17	
For Copper Pipe, Add	38.98	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-55.77	
<b>21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)</b>		
21 13 16 00-0006 EA Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head.....	270.78	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Up To 5, Add	124.91	
For >5 To 10, Add	68.57	
For >10 To 20, Add	51.97	
For >20 To 40, Add	21.84	
For >100 To 150, Deduct	-27.08	
For >150, Deduct	-54.16	
For Copper Pipe, Add	32.32	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-45.86	
21 13 16 00-0007 EA Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head .....	337.90	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Up To 5, Add	157.68	
For >5 To 10, Add	90.10	
For >10 To 20, Add	67.57	
For >20 To 40, Add	28.16	
For >100 To 150, Deduct	-33.79	
For >150, Deduct	-67.58	
For Copper Pipe, Add	39.42	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-56.32	
<b>21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)</b>		
21 13 16 00-0009 EA Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head.....	253.97	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
For Up To 5, Add	117.05	
For >5 To 10, Add	64.06	
For >10 To 20, Add	48.59	
For >20 To 40, Add	20.43	
For >100 To 150, Deduct	-25.40	
For >150, Deduct	-50.79	
For Copper Pipe, Add	30.36	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-43.06	
21 13 16 00-0010 EA Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head.....	314.56	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Up To 5, Add	146.80	
For >5 To 10, Add	83.90	
For >10 To 20, Add	62.92	
For >20 To 40, Add	26.22	
For >100 To 150, Deduct	-31.46	
For >150, Deduct	-62.91	
For Copper Pipe, Add	36.70	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-52.42	
<b>21 13 16 00-0011 Dry-Pipe Sprinkler System Equipment (21 13 16 00-0001)</b>		
21 13 16 00-0012 EA Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge .....	1,212.47	178.90
21 13 16 00-0013 EA Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge .....	1,263.50	178.90
21 13 16 00-0014 EA Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge .....	1,306.55	178.90
21 13 16 00-0015 EA Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge .....	1,473.98	178.90
<b>21 13 16 00-0016 Dry-Pipe Sprinkler System Components (21 13 16)</b>		
Note: Excludes hydraulic calculations.		
<b>21 13 16 00-0017 Dry Pipe Alarm Valves (21 13 16 00-0016)</b>		
21 13 16 00-0018 EA 2" Dry Pipe Alarm Valve .....	1,077.89	440.62
21 13 16 00-0019 EA 3" Dry Pipe Alarm Valve .....	1,441.92	601.48
21 13 16 00-0020 EA 4" Dry Pipe Alarm Valve .....	2,674.74	842.08
21 13 16 00-0021 EA 6" Dry Pipe Alarm Valve .....	3,482.08	994.95
21 13 16 00-0022 EA 8" Dry Pipe Alarm Valve .....	4,387.55	1,094.44

<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 10</b>	<b>Water-Based Fire-Suppression Systems</b>
	<b>21 13</b>	<b>Fire-Suppression Sprinkler Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>21 13 16 00-0023</b>	<b>Dry Sprinkler Heads</b> <small>(21 13 16 00-0016)</small>		
	Note: 3/4" or 1" NPT.		
21 13 16 00-0024	EA Up To 4-3/4" Length, Dry Pipe Pendant Head .....	80.00	19.69
21 13 16 00-0025	EA >4-3/4" To 6-3/4" Length, Dry Pipe Pendant Head .....	80.00	19.69
21 13 16 00-0026	EA >6-3/4" To 8-3/4" Length, Dry Pipe Pendant Head .....	81.60	19.69
21 13 16 00-0027	EA >8-3/4" To 10-3/4" Length, Dry Pipe Pendant Head .....	84.01	19.69
21 13 16 00-0028	EA >10-3/4" To 12-3/4" Length, Dry Pipe Pendant Head .....	84.01	19.69
21 13 16 00-0029	EA >12-3/4" To 14-3/4" Length, Dry Pipe Pendant Head .....	89.62	19.69
21 13 16 00-0030	EA >14-3/4" To 16-3/4" Length, Dry Pipe Pendant Head .....	89.62	19.69
21 13 16 00-0031	EA >16-3/4" To 18-3/4" Length, Dry Pipe Pendant Head .....	95.23	19.69
21 13 16 00-0032	EA >18-3/4" To 20-3/4" Length, Dry Pipe Pendant Head .....	95.23	19.69
21 13 16 00-0033	EA >20-3/4" To 22-3/4" Length, Dry Pipe Pendant Head .....	96.83	19.69
21 13 16 00-0034	EA >22-3/4" To 24-3/4" Length, Dry Pipe Pendant Head .....	96.83	19.69
21 13 16 00-0035	EA >24-3/4" To 26-3/4" Length, Dry Pipe Pendant Head .....	98.43	19.69
21 13 16 00-0036	EA >26-3/4" To 28-3/4" Length, Dry Pipe Pendant Head .....	101.64	19.69

**21 13 19 Preaction Sprinkler Systems** (21 13)

<b>21 13 19 00-0001</b>	<b>Complete Preaction Sprinkler Systems</b> <small>(21 13 19)</small>		
	Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		

<b>21 13 19 00-0002</b>	<b>Ordinary Hazard, Preaction Sprinkler Systems</b> <small>(21 13 19 00-0001)</small>		
21 13 19 00-0003	EA Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head .....	256.16	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	119.06	
	For >5 To 10, Add	76.13	
	For >10 To 20, Add	50.51	
	For >20 To 40, Add	21.11	
	For >100 To 150, Deduct	-25.62	
	For >150, Deduct	-51.23	

<b>21 13 19 00-0004</b>	<b>Extra Hazard, Preaction Sprinkler Systems</b> <small>(21 13 19 00-0001)</small>		
21 13 19 00-0005	EA Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head .....	238.52	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	110.87	
	For >5 To 10, Add	70.90	
	For >10 To 20, Add	47.05	
	For >20 To 40, Add	19.66	
	For >100 To 150, Deduct	-23.85	
	For >150, Deduct	-47.70	

**21 13 26 Deluge Fire-Suppression Sprinkler Systems** (21 13)

<b>21 13 26 00-0001</b>	<b>Deluge Fire-Suppression Sprinkler Systems Equipment</b> <small>(21 13 26)</small>		
<b>21 13 26 00-0002</b>	<b>Deluge Fire-Suppression Sprinkler System Nozzles</b> <small>(21 13 26 00-0001)</small>		
21 13 26 00-0003	EA 3/8" Auto Deluge Sprinkler Nozzle .....	57.57	25.68
21 13 26 00-0004	EA 1/2" Pendant Deluge Spring Nozzle With Open Head .....	57.57	25.68
21 13 26 00-0005	EA 1/2" Pendant Deluge Spring Nozzle Open Head With Canopy .....	57.57	25.68

<b>21 13 26 00-0006</b>	<b>Deluge Valves With Required Trim And Release Equipment</b> <small>(21 13 26 00-0001)</small>		
21 13 26 00-0007	EA 3" Deluge Valve With Trim And Release Equipment .....	3,790.77	332.53
21 13 26 00-0008	EA 4" Deluge Valve With Trim And Release Equipment .....	4,346.68	374.06
21 13 26 00-0009	EA 6" Deluge Valve With Trim And Release Equipment .....	5,389.61	544.10

**21 13 39 Foam-Water Systems** (21 13)

<b>21 13 39 00-0001</b>	<b>Foam Control Valves And Monitors</b> <small>(21 13 39)</small>		
<b>21 13 39 00-0002</b>	<b>Control Valves</b> <small>(21 13 39 00-0001)</small>		
21 13 39 00-0003	EA 3" Foam Control Valve .....	1,799.13	332.53

<b>21 13 39 00-0004</b>	<b>Supply Valves</b> <small>(21 13 39 00-0001)</small>		
21 13 39 00-0005	EA 2-1/2" Foam Supply Valve .....	1,630.22	374.06

<b>21 13 39 00-0006</b>	<b>Proportioners</b> <small>(21 13 39 00-0001)</small>		
21 13 39 00-0007	EA 8" Foam Proportioner .....	1,370.18	544.10





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 13 39 00-0008</b> <b>Monitors</b> <small>(21 13 39 00-0001)</small>		
21 13 39 00-0009    EA    Oscillating Foam Monitor .....	1,838.78	74.82
<b>21 13 41</b> <b>Fire-Suppression Sprinkler Piping</b> <small>(21 13)</small>		
<small>See CSI section 23 21 13 23-0000 for black steel piping.</small>		
<b>21 13 41 00-0001</b> <b>Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe</b> <small>(21 13 41)</small>		
<small>Note: SDR 13.5</small>		
<b>21 13 41 00-0002</b> <b>Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0003    LF    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	3.14	0.96
21 13 41 00-0004    LF    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	3.72	1.02
21 13 41 00-0005    LF    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	4.63	1.14
21 13 41 00-0006    LF    1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	5.61	1.25
21 13 41 00-0007    LF    2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	7.14	1.37
21 13 41 00-0008    LF    2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	9.66	1.56
21 13 41 00-0009    LF    3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe .....	13.38	1.86
<b>21 13 41 00-0010</b> <b>Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0011    EA    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	15.34	5.75
21 13 41 00-0012    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	20.13	7.18
21 13 41 00-0013    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	25.19	8.98
21 13 41 00-0014    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	28.69	9.94
21 13 41 00-0015    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	32.50	11.13
21 13 41 00-0016    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	40.68	12.63
21 13 41 00-0017    EA    3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping .....	49.70	14.97
<b>21 13 41 00-0018</b> <b>Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0019    EA    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	15.68	5.75
21 13 41 00-0020    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	19.58	7.18
21 13 41 00-0021    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	24.78	8.98
21 13 41 00-0022    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	28.03	9.94
21 13 41 00-0023    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	31.67	11.13
21 13 41 00-0024    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	38.59	12.63
21 13 41 00-0025    EA    3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping .....	47.40	14.97
<b>21 13 41 00-0026</b> <b>Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0027    EA    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	22.87	8.61
21 13 41 00-0028    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	29.66	10.84
21 13 41 00-0029    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	37.69	13.52
21 13 41 00-0030    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	43.12	14.97
21 13 41 00-0031    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	50.21	16.64
21 13 41 00-0032    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	61.31	18.97
21 13 41 00-0033    EA    3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping .....	72.44	22.39
<b>21 13 41 00-0034</b> <b>Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0035    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	27.41	10.12
21 13 41 00-0036    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	35.56	12.63
21 13 41 00-0037    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	39.77	13.95
21 13 41 00-0038    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	46.77	15.56
21 13 41 00-0039    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	55.05	17.71
21 13 41 00-0040    EA    3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping .....	64.80	20.88
<b>21 13 41 00-0041</b> <b>Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0042    EA    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	30.82	11.49
21 13 41 00-0043    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	38.64	14.42
21 13 41 00-0044    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	48.63	18.01
21 13 41 00-0045    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	54.73	19.93
21 13 41 00-0046    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	63.68	22.21
21 13 41 00-0047    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping .....	80.94	25.25
<b>21 13 41 00-0048</b> <b>Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0049    EA    3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	10.51	3.83
21 13 41 00-0050    EA    1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	14.08	5.15
21 13 41 00-0051    EA    1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	18.65	6.77
21 13 41 00-0052    EA    1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	21.21	7.48
21 13 41 00-0053    EA    2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	24.27	8.32
21 13 41 00-0054    EA    2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping .....	28.96	9.45

<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 10</b>	<b>Water-Based Fire-Suppression Systems</b>
	<b>21 13</b>	<b>Fire-Suppression Sprinkler Systems</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	34.87	11.19
<b>21 13 41 00-0056</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	5.35	1.92
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	8.52	3.11
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	9.73	3.35
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	11.12	3.71
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	13.09	4.19
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	15.73	4.73
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	20.28	5.62
<b>21 13 41 00-0064</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	14.92	5.69
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	19.73	7.42
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	21.82	8.20
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	24.80	9.16
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	29.32	10.41
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	35.69	12.33
<b>21 13 41 00-0071</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	12.96	4.19
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	16.77	5.69
<b>21 13 41 00-0074</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	12.96	4.19
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	16.77	5.69
<b>21 13 41 00-0077</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	15.20	5.15
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	19.39	6.46
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	20.09	6.46
<b>21 13 41 00-0081</b>		<b>Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	24.99	8.61
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	30.77	10.84
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	39.95	13.52
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	45.52	14.97
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	53.13	16.64
<b>21 16</b>		<b>Fire-Suppression Pressure Maintenance Pumps</b> <small>(21 16)</small>		
<b>21 16 00 00-0001</b>		<b>Jockey Pumps</b> <small>(21 16)</small> Note: Includes pump and controller.		
21 16 00 00-0002	EA	Jockey Pump And Controller.....	3,885.36	289.56
<b>21 20</b>		<b>Fire-Extinguishing Systems</b> <small>(21)</small>		
<b>21 21</b>		<b>Carbon-Dioxide Fire-Extinguishing Systems</b> <small>(21 20)</small>		
<b>21 21 16</b>		<b>Carbon-Dioxide Fire-Extinguishing Equipment</b> <small>(21 21)</small>		
<b>21 21 16 00-0001</b>		<b>Carbon Dioxide Cylinders</b> <small>(21 21 16)</small>		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB.....	951.89	136.31
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each).....	1,903.77	272.63



<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>12</b>
<b>Carbon-Dioxide Fire-Extinguishing Systems</b>	<b>21 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 21 16 00-0004 EA Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket.....	165.93	73.13
21 21 16 00-0005 EA Carbon Dioxide Cylinder, Dispersion Nozzle .....	70.78	25.79
21 21 16 00-0006 LF Carbon Dioxide Cylinder, 1/2" Rubber Tubing.....	20.22	10.46
<b>21 22 Clean-Agent Fire-Extinguishing Systems (21 20)</b>		
<b>21 22 16 Clean-Agent Fire-Extinguishing Equipment (21 22)</b>		
21 22 16 00-0001 Ansul Fire Control Systems (21 22 16)		
21 22 16 00-0002 Sapphire® Fire Suppression Systems (21 22 16 00-0001) Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0004 EA 20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635).....	1,170.42	46.47
Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0005 EA 40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636).....	1,338.40	46.47
Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0006 EA 80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637).....	1,360.49	46.47
Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0007 EA 140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638).....	1,933.57	61.96
Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0008 EA 280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639).....	2,044.62	61.96
Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0009 EA 390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640).....	2,178.77	77.45
Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0010 EA 450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641).....	2,314.17	77.45
Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0011 EA 850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586).....	3,505.02	92.94
Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0012 LB Sapphire Agent, Fire Protection Fluid, Factory Filled (Novec 1230) .....	30.00	92.94
Note: Add to empty tank cost.		
21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0014 EA 1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515) .....	110.06	7.75
21 22 16 00-0015 EA 3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516) .....	112.92	7.75
21 22 16 00-0016 EA 1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517) .....	120.09	7.75
21 22 16 00-0017 EA 1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518) .....	125.11	7.75
21 22 16 00-0018 EA 1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519) .....	132.27	7.75
21 22 16 00-0019 EA 2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520) .....	153.75	7.75
21 22 16 00-0020 EA 1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602) .....	110.06	7.75
21 22 16 00-0021 EA 3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603) .....	112.92	7.75
21 22 16 00-0022 EA 1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604) .....	120.09	7.75
21 22 16 00-0023 EA 1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605) .....	125.11	7.75
21 22 16 00-0024 EA 1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606) .....	132.27	7.75
21 22 16 00-0025 EA 2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607) .....	153.75	7.75
21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System (21 22 16 00-0002)		
21 22 16 00-0027 EA 7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	9.07	2.32
21 22 16 00-0028 EA 7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811) .....	10.30	2.32
21 22 16 00-0029 EA 1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	12.85	5.42
21 22 16 00-0030 EA 16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597).....	33.34	6.94
21 22 16 00-0031 EA 32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142).....	51.13	6.94
21 22 16 00-0032 EA 42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815) .....	62.47	6.94
21 22 16 00-0033 EA 24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	29.25	6.94
21 22 16 00-0034 EA Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537) .....	196.28	61.96
21 22 16 00-0035 EA Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549) .....	196.10	46.47
21 22 16 00-0036 EA Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537) .....	462.79	61.96
21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0038 EA Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580).....	32.68	7.75
21 22 16 00-0039 EA Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581).....	35.92	7.75
21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0041 EA Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) .....	100.92	23.23
21 22 16 00-0042 EA Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) .....	107.37	23.23
21 22 16 00-0043 EA Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336).....	115.61	23.23
21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0045 EA 1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566).....	296.48	24.66
21 22 16 00-0046 EA 2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568).....	413.88	42.32

<b>21</b>	<b>Fire Suppression</b>
<b>21 20</b>	<b>Fire-Extinguishing Systems</b>
<b>21 22</b>	<b>Clean-Agent Fire-Extinguishing Systems</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0047			<b>Discharge Hose, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0048	EA		1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539) .....	87.58	15.49
21 22 16 00-0049	EA		2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538) .....	351.22	15.49
21 22 16 00-0050	EA		3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990) .....	294.62	15.49
21 22 16 00-0051	EA		3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841) .....	1,290.24	61.96
21 22 16 00-0052			<b>Swivel Adaptors, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0053	EA		1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557) .....	30.25	10.84
21 22 16 00-0054	EA		2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558) .....	57.04	10.84
21 22 16 00-0055	EA		3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471) .....	165.94	7.75
21 22 16 00-0056	EA		3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470) .....	213.21	7.75
21 22 16 00-0057			<b>Pressure Switches, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0058	EA		Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585) .....	109.60	30.98
21 22 16 00-0059	EA		Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156) .....	119.88	13.01
21 22 16 00-0060	EA		Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250) .....	361.32	54.21
21 22 16 00-0061			<b>Level Indicators, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0062	EA		Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277) .....	450.10	10.84
21 22 16 00-0063	EA		Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278) .....	471.60	10.84
21 22 16 00-0064	EA		Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589) .....	503.09	15.49
21 22 16 00-0065			<b>Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0066	EA		Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342) .....	30.05	9.29
21 22 16 00-0067	EA		Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642) .....	38.09	10.84
21 22 16 00-0068	EA		Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579) .....	121.74	46.47
21 22 16 00-0069	EA		1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576) .....	146.31	46.47
21 22 16 00-0070	EA		2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592) .....	166.73	46.47
21 22 16 00-0071	EA		3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891) .....	232.64	46.47
21 22 16 00-0072			<b>Replacement Parts, Sapphire® Fire Suppression Systems</b> (21 22 16 00-0002)		
21 22 16 00-0073	EA		O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559) .....	35.10	12.39
21 22 16 00-0074	EA		Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553) .....	64.56	7.75
21 22 16 00-0075	EA		Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053) .....	84.36	15.49
21 22 16 00-0076	EA		Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543) .....	211.33	61.96
21 22 16 00-0077	EA		Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551) .....	336.69	61.96
21 22 16 00-0078	EA		1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535) .....	1,215.72	61.96
21 22 16 00-0079			<b>Inergen® Fire Suppression System</b> (21 22 16 00-0001)		
21 22 16 00-0080			<b>Actuation Attachments, Inergen® Fire Suppression System</b> (21 22 16 00-0079)		
21 22 16 00-0081	EA		Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082) .....	127.08	15.89
21 22 16 00-0082	EA		Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958) .....	148.33	17.08
21 22 16 00-0083	EA		Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309) .....	265.33	30.92
21 22 16 00-0084	EA		Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876) .....	529.88	70.42
21 22 16 00-0085			<b>Check Valves, Inergen® Fire Suppression System</b> (21 22 16 00-0079)		
21 22 16 00-0086	EA		2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794) .....	1,358.59	111.41
21 22 16 00-0087			<b>Components, Inergen® Fire Suppression System</b> (21 22 16 00-0079)		
21 22 16 00-0088	EA		1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378) .....	37.68	4.87
21 22 16 00-0089	EA		Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700) .....	445.46	52.21
21 22 16 00-0090	EA		30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169) .....	1,386.36	163.38
21 22 16 00-0091	EA		60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170) .....	1,316.54	166.46
21 22 16 00-0092			<b>Cylinders, Inergen® Fire Suppression System</b> (21 22 16 00-0079)		
Note: Includes CV98 valve. Factory filled with Inergen agent.					
21 22 16 00-0093	EA		200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147) .....	1,150.15	149.54
21 22 16 00-0094	EA		250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148) .....	1,304.75	169.41
21 22 16 00-0095	EA		350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620) .....	1,877.30	219.54
21 22 16 00-0096	EA		435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150) .....	1,868.48	268.27
21 22 16 00-0097	EA		250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257) .....	1,343.57	188.90
21 22 16 00-0098	EA		350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621) .....	1,916.39	239.10
21 22 16 00-0099	EA		435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259) .....	1,959.51	288.28
21 22 16 00-0100			<b>Inspection/Maintenance Devices, Inergen® Fire Suppression System</b> (21 22 16 00-0079)		
21 22 16 00-0101	EA		CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657) .....	43.49	5.44
21 22 16 00-0102	EA		CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181) .....	43.49	5.44



<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>2</b>
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0103 EA CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954).....	52.67	6.04
21 22 16 00-0104 EA Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923).....	828.47	103.76
<b>21 22 16 00-0105 Multiple Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0106 EA 13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502).....	14.02	1.59
Note: For single row 435 cubic foot cylinders.		
21 22 16 00-0107 EA 27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503).....	19.89	2.27
Note: For double row 435 cubic foot cylinders.		
<b>21 22 16 00-0108 Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0109 EA Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265).....	15.46	1.77
21 22 16 00-0110 EA Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266).....	14.23	1.77
<b>21 22 16 00-0111 Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0112 EA 1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708) .....	61.89	7.65
21 22 16 00-0113 EA 3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711) .....	64.91	8.02
21 22 16 00-0114 EA 1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714) .....	75.48	9.26
21 22 16 00-0115 EA 1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717) .....	84.06	10.46
21 22 16 00-0116 EA 1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720) .....	96.43	12.03
<b>21 22 16 00-0117 Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0118 EA 1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908).....	94.71	11.85
21 22 16 00-0119 EA 3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723).....	98.29	12.20
21 22 16 00-0120 EA 1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362).....	90.67	11.29
21 22 16 00-0121 EA 3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363).....	92.56	12.20
21 22 16 00-0122 EA 1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364).....	107.80	13.42
21 22 16 00-0123 EA 1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365).....	115.28	14.29
21 22 16 00-0124 EA 1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366).....	124.07	15.34
21 22 16 00-0125 EA 2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155) .....	213.45	26.84
21 22 16 00-0126 EA 2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156) .....	282.24	35.20
21 22 16 00-0127 EA 3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137) .....	307.61	38.69
21 22 16 00-0128 EA 1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138) .....	110.25	13.94
21 22 16 00-0129 EA 3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139) .....	130.11	16.32
21 22 16 00-0130 EA 1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140) .....	107.07	13.42
21 22 16 00-0131 EA 3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141) .....	114.43	14.22
21 22 16 00-0132 EA 1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142) .....	115.42	14.29
21 22 16 00-0133 EA 1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143) .....	139.32	17.36
21 22 16 00-0134 EA 1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157) .....	150.11	18.82
21 22 16 00-0135 EA 2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144) .....	230.43	28.88
21 22 16 00-0136 EA 2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145) .....	269.00	33.81
21 22 16 00-0137 EA 3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146) .....	294.77	36.95
<b>21 22 16 00-0138 Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0139 EA 1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677).....	124.07	15.34
21 22 16 00-0140 EA 3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678).....	152.15	19.10
21 22 16 00-0141 EA 1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679).....	163.65	20.57
21 22 16 00-0142 EA 1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680).....	230.43	28.88
21 22 16 00-0143 EA 1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681).....	251.74	31.65
21 22 16 00-0144 EA 2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682).....	295.76	36.95
21 22 16 00-0145 EA 2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057).....	343.84	43.33
21 22 16 00-0146 EA 3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058).....	406.46	51.25
21 22 16 00-0147 EA 2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823).....	525.65	66.51
21 22 16 00-0148 EA 3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824) .....	700.80	88.54
21 22 16 00-0149 EA 4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825) .....	799.39	100.95
21 22 16 00-0150 EA 2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847) .....	506.77	63.89
21 22 16 00-0151 EA 3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848).....	559.60	70.61
21 22 16 00-0152 EA 4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849).....	799.39	100.95
21 22 16 00-0153 EA 2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853).....	522.32	65.89
21 22 16 00-0154 EA 3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854).....	581.62	73.38
21 22 16 00-0155 EA 4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855).....	795.91	107.81
<b>21 22 16 00-0156 Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0157 EA 3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344).....	580.71	77.04
<b>21 22 16 00-0158 Releasing Device Equipment, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0159 EA 12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728).....	954.84	119.52
21 22 16 00-0160 EA 24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492) .....	1,363.91	159.26
21 22 16 00-0161 EA 120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525) .....	1,448.97	162.01
21 22 16 00-0162 EA Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310).....	67.49	8.24
21 22 16 00-0163 EA LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373).....	80.22	10.91

<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 20</b>	<b>Fire-Extinguishing Systems</b>
	<b>21 22</b>	<b>Clean-Agent Fire-Extinguishing Systems</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939) .....	776.79		85.27
<b>21 22 16 00-0165</b>		<b>Replacement Orifice Plates, Inergen® Fire Suppression System (21 22 16 00-0079)</b>			
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095) .....	85.48		8.10
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096) .....	89.57		8.53
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097) .....	94.17		8.67
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098) .....	101.19		8.96
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099) .....	105.10		9.83
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100) .....	105.27		10.62
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984) .....	228.70		28.47
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985) .....	230.72		28.76
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986) .....	295.76		36.86
<b>21 22 16 00-0175</b>		<b>Single Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>			
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704) .....	107.80		13.42
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) .....	142.52		30.68
		Note: Includes saddle, padding and fasteners.			
<b>21 22 16 00-0178</b>		<b>Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System (21 22 16 00-0079)</b>			
21 22 16 00-0179	EA	2 1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) .....	287.25		19.84
		Note: Includes gasket and fasteners.			
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) .....	236.19		29.62
		Note: Includes gasket and fasteners.			
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) .....	268.03		33.70
		Note: Includes gasket and fasteners.			
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) .....	148.10		18.52
		Note: Includes gasket and fasteners.			
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) .....	173.85		21.61
		Note: Includes gasket and fasteners.			
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) .....	263.24		33.12
		Note: Includes gasket and fasteners.			
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) .....	154.14		19.40
		Note: Includes gasket and fasteners.			
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) .....	180.64		22.61
		Note: Includes gasket and fasteners.			
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) .....	287.28		36.18
		Note: Includes gasket and fasteners.			
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) .....	31.16		1.47
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) .....	31.46		1.62
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) .....	33.80		1.92
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
<b>21 22 16 00-0191</b>		<b>Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>			
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508) .....	18.87		2.36
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027) .....	155.82		17.92
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) .....	114.28		17.92
		Note: Includes upright, left, right and center.			
<b>21 22 16 00-0195</b>		<b>Autopulse® Fire Detection And Control Equipment (21 22 16 00-0001)</b>			
<b>21 22 16 00-0196</b>		<b>Accessory Switches, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)</b>			
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495) .....	121.49		15.46
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494) .....	138.05		17.63
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497) .....	175.61		22.40
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496) .....	189.15		24.13
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499) .....	236.79		30.35
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498) .....	252.05		32.23
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956) .....	482.96		62.14
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490) .....	39.05		4.63



<b>Fire Suppression</b>	<b>21</b>	<b>12</b>
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 22 16 00-0205 Alarm Devices, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0206 EA Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698) .....	105.23	13.44
21 22 16 00-0207 EA Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699) .....	154.31	19.65
21 22 16 00-0208 EA Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702) .....	14.08	1.79
<b>21 22 16 00-0209 Annunciators, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0210 EA 80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492) .....	1,211.94	155.94
21 22 16 00-0211 EA 16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496) .....	1,016.00	130.65
21 22 16 00-0212 EA 16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497) .....	788.70	101.45
21 22 16 00-0213 EA 32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500) .....	686.93	88.30
21 22 16 00-0214 EA Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501) .....	686.93	88.30
21 22 16 00-0215 EA Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502) .....	550.32	70.67
21 22 16 00-0216 EA Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650) .....	1,016.00	130.65
21 22 16 00-0217 EA 24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651) .....	206.70	26.45
21 22 16 00-0218 EA 48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652) .....	259.10	33.24
21 22 16 00-0219 EA 8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653) .....	519.51	66.77
21 22 16 00-0220 EA Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660) .....	87.81	11.20
21 22 16 00-0221 EA Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) .....	119.33	15.46
21 22 16 00-0222 EA Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657) .....	206.71	26.45
<b>21 22 16 00-0223 Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0224 EA CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586) .....	160.25	21.53
21 22 16 00-0225 EA REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639) .....	9.85	1.47
21 22 16 00-0226 EA REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640) .....	72.40	1.79
21 22 16 00-0227 EA REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765) .....	10.57	1.79
<b>21 22 16 00-0228 Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0229 EA Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564) .....	356.07	48.27
21 22 16 00-0230 EA Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566) .....	213.52	28.76
<b>21 22 16 00-0231 Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0232 EA 7 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692) .....	158.47	18.49
21 22 16 00-0233 EA 12 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693) .....	331.21	39.17
21 22 16 00-0234 EA 18 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694) .....	373.71	44.37
21 22 16 00-0235 EA 25 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695) .....	490.00	54.05
21 22 16 00-0236 EA 55 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997) .....	787.33	93.79
21 22 16 00-0237 EA BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578) .....	117.46	14.88
21 22 16 00-0238 EA BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) .....	209.73	26.88
21 22 16 00-0239 EA BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) .....	426.52	54.78
21 22 16 00-0240 EA Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) .....	1,239.83	159.55
21 22 16 00-0241 EA 120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563) .....	906.74	116.62
<b>21 22 16 00-0242 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0243 EA Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097) .....	95.51	12.35
21 22 16 00-0244 EA Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098) .....	88.92	12.28
21 22 16 00-0245 EA Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480) .....	120.14	17.63
21 22 16 00-0246 EA 2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100) .....	179.65	22.98

21	<b>21 Fire Suppression</b>
	<b>21 20 Fire-Extinguishing Systems</b>
	<b>21 22 Clean-Agent Fire-Extinguishing Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0247 EA NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101) .....	139.36	18.65
21 22 16 00-0248 EA Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102) .....	130.75	17.92
21 22 16 00-0249 EA Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487) .....	20.83	2.86
21 22 16 00-0250 EA Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125) .....	77.02	10.11
21 22 16 00-0251 EA Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066) .....	77.16	9.83
21 22 16 00-0252 EA HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067) .....	25.59	8.10
21 22 16 00-0253 EA Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) .....	7.10	0.90
Note: Converts BX501 to low profile base.		
21 22 16 00-0254 EA Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945) .....	74.26	9.47
21 22 16 00-0255 EA EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699) .....	43.49	5.58
21 22 16 00-0256 EA XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078) .....	117.87	14.74
21 22 16 00-0257 EA BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080) .....	61.60	7.80
<b>21 22 16 00-0258 Manual Pull Stations, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0259 EA Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661) .....	17.80	2.10
21 22 16 00-0260 EA Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336) .....	11.09	1.16
<b>21 22 16 00-0261 Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0262 EA Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) .....	154.31	19.65
Note: Includes municipal box and remote station connection.		
21 22 16 00-0263 EA Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471) .....	465.12	56.51
21 22 16 00-0264 EA Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411) .....	885.44	113.88
21 22 16 00-0265 EA Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635) .....	23.65	2.94
<b>21 22 16 00-0266 Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0001)</small>		
<b>21 22 16 00-0267 Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0268 EA Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482) .....	120.67	13.88
21 22 16 00-0269 EA Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379) .....	297.78	20.91
21 22 16 00-0270 EA 120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374) .....	669.54	80.93
21 22 16 00-0271 EA 220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375) .....	669.54	80.93
21 22 16 00-0272 EA 120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) .....	1,006.08	121.39
Note: Includes housing and battery cab.		
21 22 16 00-0273 EA 220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) .....	1,006.08	121.39
Note: Includes housing and battery cab.		
21 22 16 00-0274 EA 48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378) .....	1,479.48	154.64
<b>21 22 16 00-0275 Blank Plates, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0276 EA Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459) .....	21.60	2.60
21 22 16 00-0277 EA Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458) .....	33.13	2.60
21 22 16 00-0278 EA Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484) .....	47.61	4.91
21 22 16 00-0279 EA Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446) .....	75.07	5.50
21 22 16 00-0280 EA Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447) .....	92.65	10.98
21 22 16 00-0281 EA Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480) .....	174.41	13.88
<b>21 22 16 00-0282 Detectors, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0283 EA LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) .....	5,027.35	679.24
Note: Includes 3 blank plates.		
21 22 16 00-0284 EA LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) .....	6,426.55	838.20
Note: Includes centrally mounted LCD programmer module and standard display.		
21 22 16 00-0285 EA LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) .....	5,807.62	765.94
Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0286 EA 7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357) .....	8,098.31	1,011.63





<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>12</b>
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0287	EA		12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358).....	8,524.28	1,069.43
21 22 16 00-0288	EA		7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359)..... Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	8,185.99	1,026.08
21 22 16 00-0289	EA		12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360)..... Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	8,645.33	1,083.89
21 22 16 00-0290	EA		7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361)..... Note: Includes 2 blank plates and scan display module at far right.	8,887.05	1,127.24
21 22 16 00-0291	EA		12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363)..... Note: Includes 2 blank plates and scanner display.	9,268.85	1,185.05
21 22 16 00-0292	EA		7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365)..... Note: Includes centrally mounted programmer module.	9,743.56	1,242.85
21 22 16 00-0293	EA		12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367)..... Note: Includes centrally mounted LCD programmer module and scanner display module.	10,157.60	1,300.66
21 22 16 00-0294	EA		12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369)..... Note: Includes centrally mounted LCD programmer.	9,562.11	1,185.05
<b>21 22 16 00-0295</b>			<b>Displays, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0296	EA		VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381)..... Note: Includes a remote termination card and 7 relays.	1,549.64	158.97
21 22 16 00-0297	EA		VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385)..... Note: Includes a remote termination card and 7 relays.	1,557.53	158.97
21 22 16 00-0298	EA		VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383)..... Note: Includes a remote termination card without relays.	1,403.17	144.51
21 22 16 00-0299	EA		VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387)..... Note: Includes a remote termination card.	1,412.33	144.51
21 22 16 00-0300	EA		VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389)..... Note: Includes a remote termination card and 12 relays.	1,747.94	173.42
21 22 16 00-0301	EA		VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	1,484.16	150.30
21 22 16 00-0302	EA		VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	1,622.82	168.80
<b>21 22 16 00-0303</b>			<b>Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0304	EA		LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370).....	3,864.34	476.91
21 22 16 00-0305	EA		LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372).....	3,187.31	381.53
21 22 16 00-0306	EA		Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380).....	1,122.87	144.51
21 22 16 00-0307	EA		VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395).....	812.61	93.93
21 22 16 00-0308	EA		System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399).....	1,133.97	126.59
21 22 16 00-0309	EA		PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442)..... Note: Interface connects PC and LaserPLUS system.	1,373.95	156.08
21 22 16 00-0310	EA		Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443).....	214.09	23.42
21 22 16 00-0311	EA		Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444).....	1,436.68	144.51
21 22 16 00-0312	EA		Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460).....	1,019.15	119.95
21 22 16 00-0313	EA		VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463).....	801.14	92.49
21 22 16 00-0314	EA		Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461).....	1,020.87	119.95
21 22 16 00-0315	EA		Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464).....	1,019.15	119.95
21 22 16 00-0316	EA		Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487).....	1,010.20	112.72
21 22 16 00-0317	EA		Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466).....	120.79	10.11
21 22 16 00-0318	EA		Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467).....	4,876.58	554.95
21 22 16 00-0319	EA		Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470).....	8,495.75	971.16
21 22 16 00-0320	EA		Detector Cover Assembly With EMC Shields, VSP-013, Vesda® Aspirating Smoke Detection System (Ansul 430473).....	87.53	43.35
21 22 16 00-0321	EA		Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475).....	665.41	72.26
21 22 16 00-0322	EA		Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477).....	15.22	1.44
21 22 16 00-0323	EA		Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	8.81	0.29
21 22 16 00-0324	EA		US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481).....	365.69	41.91
21 22 16 00-0325	EA		Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	443.01	50.87
21 22 16 00-0326	EA		Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486).....	639.39	73.70
21 22 16 00-0327	EA		RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	94.15	10.98
21 22 16 00-0328	EA		Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	14.46	2.31
<b>21 22 16 00-0329</b>			<b>Labels And Decals, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>		
21 22 16 00-0330	EA		Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	13.29	1.73
21 22 16 00-0331	EA		Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	13.87	2.03
21 22 16 00-0332	EA		Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	21.60	2.60
21 22 16 00-0333	EA		Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	21.63	2.60
21 22 16 00-0334	EA		Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	78.25	9.83

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 22 Clean-Agent Fire-Extinguishing Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0335			<b>Mounting Hardware, Vesda® Aspirating Smoke Detection System</b> (21 22 16 00-0266)		
21 22 16 00-0336	EA		Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456) .....	194.63	20.81
21 22 16 00-0337	EA		Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472) .....	262.37	27.75
21 22 16 00-0338	EA		Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471) .....	267.62	30.35
21 22 16 00-0339	EA		Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457) .....	663.41	43.35
21 22 16 00-0340	EA		Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445) .....	963.48	95.38
21 22 16 00-0341			<b>Pipe And Fittings, Vesda® Aspirating Smoke Detection System</b> (21 22 16 00-0266)		
21 22 16 00-0342	LF		3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491) .....	70.50	34.40
21 22 16 00-0343	EA		3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497) .....	8.46	3.76
21 22 16 00-0344	EA		3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494) .....	11.33	5.23
21 22 16 00-0345	EA		3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493) .....	11.98	5.23
21 22 16 00-0346	EA		3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495) .....	11.93	5.23
21 22 16 00-0347	EA		3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496) .....	16.31	6.21
21 22 16 00-0348	EA		3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498) .....	19.45	8.71
21 22 16 00-0349	EA		3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499) .....	22.26	8.71
21 22 16 00-0350	LF		1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500).....	3.23	1.05
21 22 16 00-0351	EA		Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479) .....	13.39	3.18
21 22 16 00-0352	EA		Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503) .....	16.98	2.31
21 22 16 00-0353	EA		Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504) .....	24.40	3.18
21 22 16 00-0354			<b>Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System</b> (21 22 16 00-0266)		
21 22 16 00-0355	EA		VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) .....	1,127.38	110.99
			Note: Remote box includes 7 relays for VLP/VLC.		
21 22 16 00-0356	EA		VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490).....	1,143.32	127.75
21 22 16 00-0357	EA		12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485) .....	691.74	78.04
21 22 16 00-0358	EA		RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489) .....	790.82	88.15
21 22 16 00-0359	EA		VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) .....	1,127.38	110.99
			Note: Remote box includes 7 relays for VLS.		
21 22 16 00-0360	EA		VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) .....	1,362.92	127.75
			Note: Remote box includes 12 relays for VLS.		
21 22 16 00-0361	EA		Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468) .....	385.39	39.31
21 22 16 00-0362	EA		Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469) .....	579.27	60.12
21 22 16 00-0363	EA		7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474) .....	1,086.56	124.29
21 22 16 00-0364	EA		12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476) .....	1,594.10	182.10
21 22 16 00-0365			<b>Preferred® Low Pressure CO2 System</b> (21 22 16 00-0001)		
21 22 16 00-0366			<b>Manual Pull Stations, Preferred® Low Pressure CO2 System</b> (21 22 16 00-0365)		
21 22 16 00-0367	EA		Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) .....	85.94	10.11
			Note: Excludes FMM-101.		
21 22 16 00-0368	EA		Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659).....	64.32	7.51
21 22 16 00-0369			<b>Industrial Fire Control System</b> (21 22 16 00-0001)		
21 22 16 00-0370			<b>Alarm Devices, Industrial Fire Control System</b> (21 22 16 00-0369)		
21 22 16 00-0371	EA		Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947) .....	2,071.42	266.63
21 22 16 00-0372	EA		6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751) .....	64.17	6.13
21 22 16 00-0373	EA		24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697) .....	62.61	7.95
21 22 16 00-0374	EA		Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700) .....	37.28	4.77
21 22 16 00-0375	EA		Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701) .....	15.24	1.94
21 22 16 00-0376			<b>Manual Pull Stations, Industrial Fire Control System</b> (21 22 16 00-0369)		
21 22 16 00-0377	EA		SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655).....	71.01	8.38
21 22 16 00-0378	EA		DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656).....	100.11	11.85
21 22 16 00-0379	EA		Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657) .....	781.31	93.07



<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>12</b>
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0380 EA Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660).....	22.72	2.69
21 22 16 00-0381 EA Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654).....	10.19	1.20
<b>21 22 16 00-0382 Marine Fire Control System (21 22 16 00-0001)</b>		
<b>21 22 16 00-0383 Alarm Devices, Marine Fire Control System (21 22 16 00-0382)</b>		
21 22 16 00-0384 EA Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747).....	41.18	4.86
21 22 16 00-0385 EA 6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805).....	75.72	9.40
21 22 16 00-0386 EA 10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806).....	75.72	9.40
<b>21 22 16 00-0387 FM200 System Equipment (21 22 16)</b>		
21 22 16 00-0388 EA 26 LB Cylinder, Filled, For FM200 Fire Protection system.....	2,250.49	69.72
21 22 16 00-0389 EA 44 LB Cylinder, Filled, For FM200 Fire Protection system.....	3,230.26	79.82
21 22 16 00-0390 EA 63 LB Cylinder, Filled, For FM200 Fire Protection system.....	3,834.59	94.12
21 22 16 00-0391 EA 101 LB Cylinder, Filled, For FM200 Fire Protection system.....	5,084.90	111.55
21 22 16 00-0392 EA 196 LB Cylinder, Filled, For FM200 Fire Protection system.....	7,955.41	139.44
21 22 16 00-0393 EA Electro/Mechanical Release, For FM200 Fire Protection system.....	432.40	139.44
21 22 16 00-0394 EA Manual Pull Station, For FM200 Fire Protection system.....	150.28	46.37
21 22 16 00-0395 EA Pneumatic Damper Release, For FM200 Fire Protection system.....	178.47	34.86
21 22 16 00-0396 LB FM200 Gas.....	14.36	
21 22 16 00-0397 EA Master Cylinder, For FM200 Fire Protection system.....	3,688.00	37.51
21 22 16 00-0398 EA Shuttle Check Valve, For FM200 Fire Protection system.....	437.00	52.43
21 22 16 00-0399 EA Flex Head Cylinder, For FM200 Fire Protection system.....	436.45	56.19
21 22 16 00-0400 EA Nozzles, For FM200 Fire Protection system.....	110.12	19.87
21 22 16 00-0401 EA Cylinder Support, For FM200 Fire Protection system.....	132.38	37.51
21 22 16 00-0402 EA Solenoid Valve, For FM200 Fire Protection system.....	561.54	56.19
21 22 16 00-0403 EA Battery Back-Up, For FM200 Fire Protection system.....	448.17	148.22
21 22 16 00-0404 EA Control Panel, Single Zone, For FM200 Fire Protection system.....	2,635.92	278.46
21 22 16 00-0405 EA Control Panel, Multi Zone, For FM200 Fire Protection system.....	4,249.73	557.53
21 22 16 00-0406 EA Smoke Or Heat Detector, For FM200 Fire Protection system.....	186.46	56.19
21 22 16 00-0407 EA Annunciator, For FM200 Fire Protection system.....	2,137.61	211.04
21 22 16 00-0408 EA Pressure Switch, For FM200 Fire Protection system.....	201.21	56.19
21 22 16 00-0409 EA Alarm Horn, For FM200 Fire Protection system.....	185.03	56.19
21 22 16 00-0410 EA Testing, For FM200 Fire Protection system.....	956.26	
21 22 16 00-0411 EA Abort Switch, For FM200 Fire Protection system.....	124.87	26.15
<b>21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)</b>		
<b>21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)</b>		
21 23 16 00-0001 Kidde Fire Systems (21 23 16) Note: Kidde or equal.		
<b>21 23 16 00-0002 Cylinders And Hardware (21 23 16 00-0001)</b>		
21 23 16 00-0003 EA 125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent.....	483.34	55.77
21 23 16 00-0004 EA 260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent.....	556.85	69.46
21 23 16 00-0005 EA 400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent.....	682.54	85.69
21 23 16 00-0006 EA 600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent.....	806.11	101.68
21 23 16 00-0007 EA Discharge Adapter Kit (One Required Per Cylinder).....	27.03	2.92
21 23 16 00-0008 EA System Valve Actuator.....	97.43	11.59
21 23 16 00-0009 EA Vent Plug.....	18.32	2.35
21 23 16 00-0010 EA Gauge Shield.....	48.54	6.19
21 23 16 00-0011 EA 125 Cylinder Wall Mounting Bracket.....	50.27	6.19
21 23 16 00-0012 EA 260 Cylinder Wall Mounting Bracket.....	53.28	6.57
21 23 16 00-0013 EA 400S And M Cylinder Wall Mounting Bracket.....	101.27	12.39
21 23 16 00-0014 EA 600 And 400M Cylinder Shelf Bracket.....	100.06	14.06
21 23 16 00-0015 EA 600 And 400M Cylinder Floor Mounting Kit.....	142.84	14.09
21 23 16 00-0016 EA 125 And 260 Cylinder Replacement Bracket Strap.....	19.62	
21 23 16 00-0017 EA 400 And 600 Cylinder Replacement Bracket Strap.....	20.65	
<b>21 23 16 00-0018 Nozzles And Accessories (21 23 16 00-0001)</b>		
21 23 16 00-0019 EA ADP, F, GRW Or R Nozzle.....	45.11	5.70
21 23 16 00-0020 EA LPF Or DM Nozzle.....	48.90	5.70
21 23 16 00-0021 EA LPR Nozzle.....	56.70	5.70
21 23 16 00-0022 EA 3/8" Swivel Adapter For Nozzles.....	33.78	4.03
21 23 16 00-0023 EA Replacement Nozzle Seals.....	5.32	
21 23 16 00-0024 EA Chrome Nozzle Disc Cap.....	3.29	0.37
21 23 16 00-0025 EA LPR Nozzle Disc Cap.....	19.60	5.67
<b>21 23 16 00-0026 Control Systems (21 23 16 00-0001)</b>		
21 23 16 00-0027 EA XV Control System..... Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	602.11	37.17
21 23 16 00-0028 EA 7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	51.64	6.19
21 23 16 00-0029 EA 24" High Pressure Hose.....	60.93	6.19

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0030	EA		60" High Pressure Hose.....	81.59	6.19
21 23 16 00-0031	EA		XV Solenoid Kit (Electric Actuator), 24 VDC.....	118.77	12.39
21 23 16 00-0032	EA		XV Microswitch Kit, SPDT.....	39.54	5.82
21 23 16 00-0033	EA		XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release.....	42.63	5.82
21 23 16 00-0034	EA		EMT Connector Kit (EMT Connector & O-Ring).....	17.55	4.65
21 23 16 00-0035	EA		KRS-50 Control Box Assembly..... Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	339.27	24.01
21 23 16 00-0036	EA		SPDT Microswitch For KRS-50.....	47.23	5.82
21 23 16 00-0037	EA		DPDT Microswitch For KRS-50.....	85.34	10.10
21 23 16 00-0038	EA		SPDT Pressure Switch (Fire Department Tie-In).....	262.39	32.40
<b>21 23 16 00-0039</b>			<b>Mechanical Actuation Components (21 23 16 00-0001)</b>		
21 23 16 00-0040	EA		Universal Detector Link Housing Kit, Mechanical Actuation Systems..... Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	31.46	9.29
21 23 16 00-0041	EA		XV Low Profile Link Detector Housing Kit..... Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	45.44	9.29
21 23 16 00-0042	EA		XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	119.80	6.19
21 23 16 00-0043	EA		XV Remote Manual Release, Pull-To-Trip.....	91.92	6.19
21 23 16 00-0044	EA		Corner Pulley, Mechanical Actuation Systems.....	13.18	1.67
21 23 16 00-0045	EA		Double Tee Pulley, Mechanical Actuation Systems.....	178.66	10.22
21 23 16 00-0046	EA		In-Line Tee Pulley, Mechanical Actuation Systems.....	22.07	2.72
21 23 16 00-0047	EA		Corner Pulley / Quik-Seal Adapter Combination.....	48.53	3.10
21 23 16 00-0048	LF		1/16" Cable, Mechanical Actuation Systems.....	1.47	0.62
21 23 16 00-0049	EA		Cable Clamp.....	6.82	0.31
21 23 16 00-0050	EA		Cable Crimp Sleeve, Mechanical Actuation Systems.....	0.90	0.25
21 23 16 00-0051	EA		"S" Hook, Mechanical Actuation Systems.....	0.87	0.25
21 23 16 00-0052	EA		1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	47.09	5.76
<b>21 23 16 00-0053</b>			<b>Mechanical Detection Links (21 23 16 00-0001)</b>		
21 23 16 00-0054	EA		KGS Standard Response Link.....	10.58	3.10
21 23 16 00-0055	EA		KGS Rapid Response Link.....	14.97	3.10
21 23 16 00-0056	EA		KFA Type "A" Fusible Link.....	13.00	3.10
21 23 16 00-0057	EA		KML Type "ML" Fusible Link.....	13.42	3.10
21 23 16 00-0058	EA		500 Degree, KML Type "ML" Fusible Link.....	19.62	3.10
<b>21 23 16 00-0059</b>			<b>Gas Valves (21 23 16 00-0001)</b>		
21 23 16 00-0060	EA		3/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	209.24	13.39
21 23 16 00-0061	EA		1" NPT Mechanical Cable Operated Gas Shut-off Valve.....	228.34	16.48
21 23 16 00-0062	EA		1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	262.78	20.82
21 23 16 00-0063	EA		1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	288.70	23.98
21 23 16 00-0064	EA		2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	312.54	28.32
21 23 16 00-0065	EA		2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	516.62	41.39
21 23 16 00-0066	EA		3" NPT Mechanical Cable Operated Gas Shut-off Valve.....	577.40	47.90
21 23 16 00-0067	EA		Pneumatic Release (Single Unit).....	237.64	15.12
21 23 16 00-0068	EA		Replacement Cable Block And Set Screw Assembly For Gas Valve.....	28.91	3.10
21 23 16 00-0069	EA		1/2" Electric Solenoid Gas Shut-off Valve.....	217.98	12.46
21 23 16 00-0070	EA		3/4" Electric Solenoid Gas Shut-off Valve.....	219.84	13.39
21 23 16 00-0071	EA		1" Electric Solenoid Gas Shut-off Valve.....	338.13	16.48
21 23 16 00-0072	EA		1-1/4" Electric Solenoid Gas Shut-off Valve.....	358.95	20.82
21 23 16 00-0073	EA		1-1/2" Electric Solenoid Gas Shut-off Valve.....	412.12	23.98
21 23 16 00-0074	EA		2" Electric Solenoid Gas Shut-off Valve.....	529.10	28.32
21 23 16 00-0075	EA		2-1/2" Electric Solenoid Gas Shut-off Valve.....	873.26	41.39
21 23 16 00-0076	EA		3" Electric Solenoid Gas Shut-off Valve.....	1,096.08	47.90
21 23 16 00-0077	EA		Manual Reset Relay.....	310.07	62.27
<b>21 23 16 00-0078</b>			<b>Liquid Tight Sealing Adapters (21 23 16 00-0001)</b>		
21 23 16 00-0079	EA		Compression Seal Adapter - 3/8" Tubing.....	24.13	2.60
21 23 16 00-0080	EA		Compression Seal Adapter - 1/2" Tubing / 1/4" Pipe.....	23.83	2.85
21 23 16 00-0081	EA		Compression Seal Adapter - 5/8" Tubing / 3/8" Pipe.....	28.00	3.41
21 23 16 00-0082	EA		Compression Seal Adapter - 3/4" Tubing / 1/2" Pipe.....	32.25	3.65
21 23 16 00-0083	EA		Compression Seal Adapter - 1/2" Electrical Metallic Tubing (EMT).....	28.00	3.41
21 23 16 00-0084	EA		Quik-Seal Adapter - 3/8" NPT Female.....	23.83	2.85
21 23 16 00-0085	EA		Quik-Seal Adapter - 1/2" NPT Female.....	23.83	2.85
21 23 16 00-0086	EA		Quik-Seal Adapter - 3/4" NPT Female.....	39.17	4.83
21 23 16 00-0087	EA		Quik-Seal Adapter - 1" NPT Female.....	52.15	6.39
21 23 16 00-0088	EA		Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	23.83	2.85
<b>21 23 16 00-0089</b>			<b>Pressure Operated Releasing Systems (21 23 16 00-0001)</b>		
21 23 16 00-0090	EA		KRS-100 Nitrogen Cylinder.....	172.95	18.71
21 23 16 00-0091	EA		KRS-100 Actuator Assembly.....	155.52	19.09
21 23 16 00-0092	EA		KRS-100 Mounting Bracket.....	119.91	4.71
21 23 16 00-0093	EA		KRS-700S Nitrogen Cylinder.....	446.38	53.97
21 23 16 00-0094	EA		KRS-700 Mounting Bracket.....	95.03	11.52
21 23 16 00-0095	EA		KRS-700S Discharge Adapter Kit.....	142.63	11.52



<b>Fire Suppression</b>	<b>21</b>	12
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	
<b>Wet-Chemical Fire-Extinguishing Systems</b>	<b>21 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0096 EA Check Valve, Pressure Operated Releasing Systems .....	140.51	8.18
21 23 16 00-0097 EA Vent Check, Pressure Operated Releasing Systems .....	43.78	5.21
21 23 16 00-0098 EA Replacement Receiver Gasket For KRS-100 Actuator Assembly.....	5.75	
21 23 16 00-0099 EA 3 Pole, Double Throw Pressure Switch .....	357.83	43.37
<b>21 23 16 00-0100 Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)</b>		
<b>21 23 16 00-0101 Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0102 EA 3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194) .....	460.80	43.99
21 23 16 00-0103 EA 4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193) .....	663.77	63.38
21 23 16 00-0104 EA 6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196) .....	872.22	86.69
21 23 16 00-0105 EA Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053).....	94.64	10.35
21 23 16 00-0106 EA Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208).....	623.07	67.66
21 23 16 00-0107 EA Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	380.42	41.27
<b>21 23 16 00-0108 Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0109 EA 165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522) .....	12.29	1.36
21 23 16 00-0110 EA 212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	12.29	1.36
21 23 16 00-0111 EA 280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	12.58	1.36
21 23 16 00-0112 EA 360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	12.29	1.36
21 23 16 00-0113 EA 450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	12.29	1.36
21 23 16 00-0114 EA 500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	13.34	1.36
21 23 16 00-0115 EA Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131) .....	21.28	2.29
21 23 16 00-0116 EA Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132).....	27.62	3.04
21 23 16 00-0117 EA Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876).....	35.82	15.68
21 23 16 00-0118 EA 225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6) .....	266.76	34.88
<b>21 23 16 00-0119 Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0120 EA 3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593) .....	220.20	13.39
21 23 16 00-0121 EA 1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594) .....	251.02	16.48
21 23 16 00-0122 EA 1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595).....	271.44	20.82
21 23 16 00-0123 EA 1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596).....	298.77	23.92
21 23 16 00-0124 EA 2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049) .....	343.81	28.26
21 23 16 00-0125 EA 2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185).....	796.73	41.33
21 23 16 00-0126 EA 3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186).....	850.80	47.84
21 23 16 00-0127 EA 3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	173.28	13.39
21 23 16 00-0128 EA 1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359) .....	294.41	16.48
21 23 16 00-0129 EA 1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360) .....	307.79	20.82
21 23 16 00-0130 EA 1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361) .....	350.36	23.92
21 23 16 00-0131 EA 2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362) .....	484.53	28.26
21 23 16 00-0132 EA 2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363) .....	935.09	41.33
21 23 16 00-0133 EA 3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643) .....	986.83	47.84
<b>21 23 16 00-0134 Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0135 EA Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	44.01	4.58
21 23 16 00-0136 EA Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem) .....	62.39	5.82
21 23 16 00-0137 EA Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem) .....	238.23	5.82
<b>21 23 16 00-0138 Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0139 EA Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	16.26	1.80
21 23 16 00-0140 EA PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104) .....	532.68	58.18
21 23 16 00-0141 EA PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690) .....	678.82	74.41
<b>21 23 16 00-0142 Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0143 EA 24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303).....	348.22	38.10
21 23 16 00-0144 EA 120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302) .....	420.16	45.91
<b>21 23 16 00-0145 Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0146 EA Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	384.19	42.01
21 23 16 00-0147 EA Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200) .....	401.00	43.93
21 23 16 00-0148 EA 24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201) .....	522.32	57.13
21 23 16 00-0149 EA 120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202).....	599.21	65.67
21 23 16 00-0150 EA Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	48.67	5.33
<b>21 23 16 00-0151 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0152 EA Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	12.10	0.87
21 23 16 00-0153 EA Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250) .....	12.49	1.12
21 23 16 00-0154 EA Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	39.02	4.28

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0155	EA		Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	0.50	
<b>21 23 16 00-0156</b>			<b>Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0157	EA		SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	42.43	4.65
21 23 16 00-0158	EA		DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	85.00	9.23
21 23 16 00-0159	EA		Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	179.88	19.58
<b>21 23 16 00-0160</b>			<b>Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0161	LF		1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	0.88	0.18
21 23 16 00-0162	EA		Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	0.53	0.18
21 23 16 00-0163	EA		High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	2.11	0.25
21 23 16 00-0164	EA		"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.37	
<b>21 23 16 00-0165</b>			<b>Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0166	EA		Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	40.33	4.46
21 23 16 00-0167	EA		Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	42.10	4.65
21 23 16 00-0168	EA		Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	4.93	0.55
21 23 16 00-0169	EA		225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	57.85	6.07
21 23 16 00-0170	EA		Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	8.11	0.87
21 23 16 00-0171	EA		Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	11.29	1.24
21 23 16 00-0172	EA		Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	4.93	0.55
21 23 16 00-0173	EA		Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	6.95	0.75
21 23 16 00-0174	EA		Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	6.79	0.75
21 23 16 00-0175	EA		Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	1.93	0.18
21 23 16 00-0176	EA		Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	3.30	
21 23 16 00-0177	EA		O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	62.90	
21 23 16 00-0178	EA		3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	427.46	
21 23 16 00-0179	EA		4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	555.42	
21 23 16 00-0180	EA		6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	641.72	
<b>21 23 16 00-0181</b>			<b>Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0182	EA		3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	19.74	2.11
21 23 16 00-0183	EA		1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	20.45	2.23
21 23 16 00-0184	EA		Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	39.38	4.28
21 23 16 00-0185	EA		Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	55.74	
21 23 16 00-0186	EA		3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	119.79	
<b>21 23 16 00-0187</b>			<b>Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0188	EA		Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074).....	79.58	8.74
21 23 16 00-0189	EA		Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166).....	85.54	12.27
21 23 16 00-0190	EA		Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088).....	21.28	2.29
21 23 16 00-0191	EA		Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661).....	2.92	0.81
<b>21 23 16 00-0192</b>			<b>Asco Gas Valve Control Panels (21 23 16)</b>		
21 23 16 00-0193	EA		Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	1,294.30	136.31
21 23 16 00-0194	EA		Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	1,336.71	136.31
21 23 16 00-0195	EA		Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	432.98	30.98
21 23 16 00-0196	EA		Emergency Stop Station For Relay Control Panel (Asco 173A19).....	405.27	30.98
<b>21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)</b>					
<b>21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)</b>					
<b>21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems (21 24 16)</b>					
			Note: Amerex or equal.		
21 24 16 00-0002	EA		Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged.....	305.85	48.08
21 24 16 00-0003	EA		Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged.....	424.10	60.63
21 24 16 00-0004	EA		Recharge - KP Liquid Agent (3.75 Gallon).....	100.71	
21 24 16 00-0005	EA		Recharge - KP Liquid Agent (6 Gallon).....	177.06	
21 24 16 00-0006	EA		Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet).....	70.50	10.09
21 24 16 00-0007	EA		Bracket Assembly Agent Cylinder 6 Gallon.....	41.07	5.86
21 24 16 00-0008	EA		Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon.....	17.81	
21 24 16 00-0009	EA		Pneumatic Actuator - Agent Cylinder 6 Gallon.....	70.50	10.09
21 24 16 00-0010	EA		Actuator - MRM (Less N2 Cylinder And Enclosure).....	177.06	25.31
21 24 16 00-0011	EA		Enclosure - MRM, Painted Steel.....	94.36	13.46
21 24 16 00-0012	EA		Enclosure - MRM, Stainless Steel.....	114.05	13.46
21 24 16 00-0013	EA		Cabinet, Stainless Steel (Single Cylinder System).....	280.97	40.18
21 24 16 00-0014	EA		Actuation Hose - (N2 - 1/4" x 16").....	21.20	3.02
21 24 16 00-0015	EA		Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders).....	94.36	13.46
21 24 16 00-0016	EA		Vent Check.....	16.97	2.42
21 24 16 00-0017	EA		Detector.....	12.73	1.81
			Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA		Fusible Link - 280 To 450 Degree F.....	4.77	0.68



<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>12</b>
<b>Dry-Chemical Fire-Extinguishing Systems</b>	<b>21 24</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0019	EA		Test Link.....	1.70	
21 24 16 00-0020	EA		Corner Pulley.....	6.57	0.94
21 24 16 00-0021	EA		Cable, 1/16" - 500 Foot Spool.....	106.02	15.14
21 24 16 00-0022	EA		Pulley Tee.....	47.70	6.80
21 24 16 00-0023	EA		Manual Pull Station (Standard).....	42.41	6.06
21 24 16 00-0024	EA		Adapter Kit - Manual Pull Station (Recess Standard Pull Station).....	19.90	2.82
21 24 16 00-0025	EA		Manual Pull Station (Oversized).....	47.28	6.73
21 24 16 00-0026	EA		Conduit Offset.....	9.43	1.35
21 24 16 00-0027	EA		Seal - 3/8" Pipe Thread (Quick-Seal).....	13.01	1.89
21 24 16 00-0028	EA		Seal - 1/2" Pipe Thread (Quick-Seal).....	10.60	1.55
21 24 16 00-0029	EA		3/8" Pipe Compression Seal.....	17.71	2.56
21 24 16 00-0030	EA		1/2" Pipe Compression Seal.....	17.71	2.56
21 24 16 00-0031	EA		Cap, Nozzle Blow-Off (Standard).....	5.38	1.75
21 24 16 00-0032	EA		Cap, Nozzle Blow-Off (High Temperature).....	11.82	1.75
21 24 16 00-0033	EA		Nozzle - Fryer, Griddle - 2 Flow Points Each.....	21.20	3.02
21 24 16 00-0034	EA		Nozzle - Appliance, Plenum - 1 Flow Points Each.....	21.20	3.02
21 24 16 00-0035	EA		Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each.....	21.20	3.02
21 24 16 00-0036	EA		Nozzle - Upright Charbroiler - 1/2 Flow Points Each.....	21.20	3.02
21 24 16 00-0037	EA		Nozzle - Duct (Only) - 2 Flow Points Each.....	21.20	3.02
21 24 16 00-0038	EA		Nozzle - Four Burner Range - 2 Flow Points Each.....	30.49	4.38
21 24 16 00-0039	EA		Gas Valve - Mechanical - 3/4" Or 1".....	166.67	17.84
21 24 16 00-0040	EA		Gas Valve - Mechanical - 1-1/4" Or 1-1/2".....	197.96	25.91
21 24 16 00-0041	EA		Gas Valve - Mechanical - 2".....	246.01	30.62
21 24 16 00-0042	EA		Manual Reset Relay (Required With Every Electric Gas Valve).....	267.17	38.16
21 24 16 00-0043	EA		SPDT Microswitch With 18" Leads.....	14.06	2.02
21 24 16 00-0044	EA		Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve.....	22.68	3.23
21 24 16 00-0045	EA		Gas Valve Trip Assembly.....	47.70	6.80

21 24 16 00-0046

Range Guard Fire Suppression Systems (2124 16)

Note: Range Guard or equal.

21 24 16 00-0047	EA		1-1/4 Gallon Charged Cylinder With Valve.....	325.04	51.98
21 24 16 00-0048	EA		2-1/2 Gallon Charged Cylinder With Valve.....	405.74	64.88
21 24 16 00-0049	EA		4 Gallon Charged Cylinder With Valve.....	500.91	80.12
21 24 16 00-0050	EA		6 Gallon Charged Cylinder With Valve.....	594.97	95.11
21 24 16 00-0051	EA		Vent Plug.....	13.66	2.17
21 24 16 00-0052	EA		Discharge Adapter Kit.....	17.58	
21 24 16 00-0053	EA		1-1/4 Gallon Wall Bracket.....	36.18	5.76
21 24 16 00-0054	EA		2-1/2 Gallon Wall Bracket.....	38.30	6.13
21 24 16 00-0055	EA		4 Gallon Wall Bracket.....	72.31	11.59
21 24 16 00-0056	EA		6 Gallon Wall Bracket.....	80.14	12.82
21 24 16 00-0057	EA		Mechanical Control Head, No Microswitch.....	282.74	45.23
21 24 16 00-0058	EA		Mechanical Control Head, 1 Microswitch.....	294.98	47.15
21 24 16 00-0059	EA		Mechanical Control Head, 2 Microswitches.....	338.39	54.09
21 24 16 00-0060	EA		Tandem Control Head.....	257.14	41.14
21 24 16 00-0061	EA		Electric Control Head, 120 Volt AC / 24 Volt DC.....	435.24	69.58
21 24 16 00-0062	EA		Mechanical Control Box.....	193.68	30.98
21 24 16 00-0063	EA		Tandem Control Box.....	193.68	30.98
21 24 16 00-0064	EA		Mechanical Control Box Adapter.....	56.77	9.11
21 24 16 00-0065	EA		A+ Control head With 1 Pressure Operated Actuator.....	170.61	27.26
21 24 16 00-0066	EA		Pressure Operated Actuator.....	70.13	11.22
21 24 16 00-0067	EA		BMCS-1 Nitrogen Cylinder.....	113.54	18.16
21 24 16 00-0068	EA		BMCS-1 Actuator Assembly.....	115.76	18.52
21 24 16 00-0069	EA		BMCS-1 Mounting Bracket.....	28.39	4.52
21 24 16 00-0070	EA		BMCS-7 Nitrogen Cylinder.....	327.61	52.36
21 24 16 00-0071	EA		BMCS-7 Mounting Bracket.....	70.13	11.22
21 24 16 00-0072	EA		BMCS-7 Discharge Adapter Kit.....	70.13	11.22
21 24 16 00-0073	EA		Check Valve.....	60.28	13.33
21 24 16 00-0074	EA		Vent Check For Use With BMCS Systems.....	31.73	5.08
21 24 16 00-0075	EA		Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator.....	13.81	2.21
21 24 16 00-0076	EA		Replacement Receiver Gasket For BMCS-Actuator Assembly.....	3.63	
21 24 16 00-0077	EA		Pneumatic Control Head For Slave Cylinders.....	72.35	11.59
21 24 16 00-0078	EA		Nozzles; ADP, F, R And GRW.....	33.16	5.33
21 24 16 00-0079	EA		Nozzles; DM And LPF.....	36.95	5.88
21 24 16 00-0080	EA		Swivel Adapter.....	23.38	3.72
21 24 16 00-0081	EA		Corner Pulley.....	10.02	1.61
21 24 16 00-0082	LF		1/16" Stainless Steel Cable.....	0.48	0.18
21 24 16 00-0083	EA		Cable Crimp Sleeve.....	0.57	0.18
21 24 16 00-0084	EA		"S" Hook.....	0.43	0.12
21 24 16 00-0085	EA		Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT.....	34.49	5.52
21 24 16 00-0086	EA		Cable Clamp.....	3.08	0.49
21 24 16 00-0087	EA		Nico Sleeves - 1/16" Cable.....	0.43	0.12
21 24 16 00-0088	EA		3/8" Cable Anchor.....	36.45	5.82
21 24 16 00-0089	EA		1/2" Cable Anchor.....	36.45	5.82
21 24 16 00-0090	EA		Mechanical Remote Manual Release (Pull Cable).....	58.96	9.42
21 24 16 00-0091	EA		Tee Pulley, Use For Mechanical Pull And Gas Valve.....	62.93	10.04
21 24 16 00-0092	EA		Surface Remote Manual Release, End-of-line.....	73.72	11.77
21 24 16 00-0093	EA		Surface Remote Manual Release, In line Conservation Kit.....	23.10	3.72
21 24 16 00-0094	EA		Surface Remote Manual Release, In line And End Of Line.....	96.79	15.42
21 24 16 00-0095	EA		Recessed Remote Manual Release, End-of-line.....	73.72	11.77
21 24 16 00-0096	EA		Recessed Remote Manual Release, In Line Kit.....	87.88	14.06

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0097	EA		Pulley Tee, Remote In Line Only .....	15.79	2.54
21 24 16 00-0098	EA		Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve .....	17.54	2.78
21 24 16 00-0099	EA		Fusible Link 165F To 360F .....	5.75	0.93
21 24 16 00-0100	EA		Fusible Link 500F .....	8.89	0.93
21 24 16 00-0101	EA		Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves .....	17.54	2.78
21 24 16 00-0102	EA		Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve .....	13.18	2.78
21 24 16 00-0103	EA		Quartzoid Link 400 F .....	94.55	15.12
21 24 16 00-0104	EA		Quartzoid Link 500 F .....	94.55	15.12
21 24 16 00-0105	EA		SPDT Micro Switch For Use With A Plus Control Box .....	33.89	5.39
21 24 16 00-0106	EA		DPDT Micro Switch For Use With A Plus Control Box .....	58.95	9.42
21 24 16 00-0107	EA		SPDT Micro Switch For Use With A Mechanical Control Box .....	35.04	5.58
21 24 16 00-0108	EA		DPDT Micro Switch For Use With A Mechanical Control Box .....	60.74	9.72
21 24 16 00-0109	EA		SPDT Micro Switch For Use With PRCB .....	44.50	7.12
21 24 16 00-0110	EA		DPDT Micro Switch For Use With PRCB .....	64.19	10.22
21 24 16 00-0111	EA		Pressure Switch, SPDT (Fire Dept. Tie In) .....	188.01	30.05
21 24 16 00-0112	EA		Circuit Monitor 12 Or 24 Volt DC .....	84.56	13.51
21 24 16 00-0113	EA		Circuit Monitor 120 Volt AC .....	84.56	13.51
21 24 16 00-0114	EA		Electric Manual Pull Station .....	61.74	9.86
21 24 16 00-0115	EA		6", 24 Volt DC, Motor Bell .....	34.49	5.52
21 24 16 00-0116	EA		10", 115 Volt AC Motor Bell .....	48.96	7.81
21 24 16 00-0117	EA		Fuse, 1,2 For ECH .....	3.97	0.62
21 24 16 00-0118	EA		Indicator Lamp 12 Or 24 Volt DC .....	17.54	2.78
21 24 16 00-0119	EA		Indicator Lamp 120 Volt AC .....	17.54	2.78
21 24 16 00-0120	EA		B-10 Manual Station Dual Action, SPDT .....	64.53	10.29
21 24 16 00-0121	EA		B-11 Manual Station Dual Action, DPDT .....	71.20	11.40
21 24 16 00-0122	EA		Break Rods For B10/B11 Manual Pull Station .....	2.06	0.81
21 24 16 00-0123	EA		Spare Key For B10/B11 Manual Stations .....	8.90	1.42
21 24 16 00-0124	EA		MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill .....	95.68	15.30
21 24 16 00-0125	EA		Suppression Abort Station .....	101.24	16.17
21 24 16 00-0126	EA		Suppression Abort Station With Surface Mount Back Box .....	117.92	18.83
21 24 16 00-0127	EA		Surface Mount Back Box .....	38.94	6.19
21 24 16 00-0128	EA		Single Hazard Control Unit, 120 Volt AC IP .....	723.09	115.43
21 24 16 00-0129	EA		Single Hazard Control Unit, 240 Volt AC IP .....	723.09	115.43
21 24 16 00-0130	EA		1 Lead Acid Battery; 24 Volt DC, 1.2 A.H. .....	60.08	9.60
21 24 16 00-0131	EA		Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W) .....	2.34	0.43
21 24 16 00-0132	EA		Spare Scorpio Circuit Board .....	522.82	
21 24 16 00-0133	EA		Extra Scorpio Key .....	8.90	
21 24 16 00-0134	EA		Extra Scorpio Manual .....	5.57	
21 24 16 00-0135	EA		Compression Seal Adapter 3/8" Pipe .....	15.13	2.42
21 24 16 00-0136	EA		Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe .....	16.43	2.60
21 24 16 00-0137	EA		Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe .....	19.77	3.16
21 24 16 00-0138	EA		Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe .....	21.14	3.35
21 24 16 00-0139	EA		Quik Seal Adapter 3/8" NPT Female .....	16.43	2.60
21 24 16 00-0140	EA		Quik Seal Adapter 1/2" NPT Female .....	16.43	2.60
21 24 16 00-0141	EA		Quik Seal Adapter 3/4" NPT Female .....	28.11	4.52
21 24 16 00-0142	EA		Quik Seal Adapter 1" NPT Female .....	37.26	5.95
21 24 16 00-0143	EA		Quik Patch (Up To 1-1/8" Diameter) .....	16.43	2.60
21 24 16 00-0144	EA		1-1/4 Gallon Karbaloy Charge .....	36.55	
21 24 16 00-0145	EA		2-1/2 Gallon Karbaloy Charge .....	62.85	
21 24 16 00-0146	EA		4 Gallon Karbaloy Charge .....	94.99	
21 24 16 00-0147	EA		6 Gallon Karbaloy Charge .....	139.01	
21 24 16 00-0148	EA		Inlet Flushing Adapter .....	27.26	4.34
21 24 16 00-0149	EA		1/2" Flushing Adapter (Outlet) .....	27.26	4.34
21 24 16 00-0150	EA		1/8" Flushing Adapter (Outlet) .....	27.26	4.34
21 24 16 00-0151	EA		1/4" Flushing Adapter (Outlet) .....	27.26	4.34
21 24 16 00-0152	EA		3/8" Flushing Adapter (Outlet) .....	27.26	4.34
21 24 16 00-0153	EA		Recharge Adapter (Old Style Cylinder Valve Assembly Only) .....	37.82	
21 24 16 00-0154	EA		Instruction Label (In Case Of Fire) - MCB .....	3.06	
21 24 16 00-0155	EA		Caution Sign (Turn On Fan) .....	3.63	
21 24 16 00-0156	EA		Inspection Label (Authorized installers only) .....	2.61	
21 24 16 00-0157	EA		Label, Warning, A+ Control Box .....	1.93	
21 24 16 00-0158	EA		Wet Chemical System Kits, RG-1.25G Kit; #23315 .....	478.33	76.40
21 24 16 00-0159	EA		Wet Chemical System Kits, RG-2.5G Kit; #23316 .....	558.43	89.16
21 24 16 00-0160	EA		Wet Chemical System Kits, RG-4GS Kit; #23317 .....	695.27	111.03
21 24 16 00-0161	EA		Wet Chemical System Kits, RG-4GT Kit; #23318 .....	695.27	111.03
21 24 16 00-0162	EA		Wet Chemical System Kits, RG-6G Kit; #23319 .....	874.35	139.60
21 24 16 00-0163	EA		Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320 .....	414.37	66.18
21 24 16 00-0164	EA		Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321 .....	389.33	62.14
21 24 16 00-0165	EA		Wet Chemical System Kits, A Plus Control Box Kit; #23322 .....	314.81	50.25
21 24 16 00-0166	EA		Wet Chemical System Kits, Valve Rebuild Kit; #23210 .....	545.08	87.05
21 24 16 00-0167	EA		Wet Chemical System Kits, BMCS-1 Package; #23208 .....	499.46	79.75

**21 30 Fire Pumps (21)****21 31 Centrifugal Fire Pumps (21 30)****21 31 13 Electric-Drive, Centrifugal Fire Pumps (21 31)**





<b>Fire Suppression</b>	<b>21</b>	<b>21</b>
<b>Fire Pumps</b>	<b>21 30</b>	
<b>Centrifugal Fire Pumps</b>	<b>21 31</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 31 13 00-0001 Electric-Drive Fire Pumps</b> <small>(21 31 13)</small>		
<small>Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.</small>		
21 31 13 00-0002 EA 20 HP Electric Fire Pump.....	30,222.02	1,165.48
<i>For Duplex Pumping System, Add</i>	<i>29,056.54</i>	
21 31 13 00-0003 EA 30 HP Electric Fire Pump.....	35,256.80	1,311.17
<i>For Duplex Pumping System, Add</i>	<i>34,042.75</i>	
21 31 13 00-0004 EA 40 HP Electric Fire Pump.....	48,070.87	1,456.86
<i>For Duplex Pumping System, Add</i>	<i>46,721.94</i>	
21 31 13 00-0005 EA 50 HP Electric Fire Pump.....	59,234.16	1,592.58
<i>For Duplex Pumping System, Add</i>	<i>57,641.58</i>	
21 31 13 00-0006 EA 75 HP Electric Fire Pump.....	66,129.50	1,737.36
<i>For Duplex Pumping System, Add</i>	<i>64,392.14</i>	
 <b>21 31 16 Diesel-Drive, Centrifugal Fire Pumps</b> <small>(21 31)</small>		
<b>21 31 16 00-0001 Diesel-Drive Fire Pumps</b> <small>(21 31 16)</small>		
<small>Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.</small>		
21 31 16 00-0002 EA 30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	44,452.91	1,303.02
21 31 16 00-0003 EA 40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	50,290.27	1,447.80
21 31 16 00-0004 EA 50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	52,829.24	1,592.58
21 31 16 00-0005 EA 75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	60,130.67	1,737.36
21 31 16 00-0006 EA 150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	63,795.07	2,026.92
21 31 16 00-0007 EA 175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	68,599.43	2,606.04
21 31 16 00-0008 EA 200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	74,451.48	2,895.60
21 31 16 00-0009 EA 250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	85,135.03	3,300.99
21 31 16 00-0010 EA 300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	102,035.98	3,561.58
21 31 16 00-0011 EA 350 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	119,736.61	4,053.84
21 31 16 00-0012 EA 400 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	142,192.90	4,343.40
21 31 16 00-0013 EA 500 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	160,161.47	4,632.96

**END OF SECTION 21**

21	<b>21</b>	<b>Fire Suppression</b>
	21 30	Fire Pumps
	21 31	Centrifugal Fire Pumps



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

### 22 01 Operation and Maintenance of Plumbing <sup>(22)</sup>

#### 22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps <sup>(22 01)</sup>

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

#### **22 01 10 61 Plumbing Piping Repairs <sup>(22 01 10)</sup>**

##### 22 01 10 61-0001 Pipe Repair Clamps <sup>(22 01 10 61)</sup>

22 01 10 61-0002	EA	1/2"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	23.54
Note: Includes neoprene gasket						
22 01 10 61-0003	EA	3/4"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	24.55
Note: Includes neoprene gasket						
22 01 10 61-0004	EA	1"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	27.00
Note: Includes neoprene gasket						
22 01 10 61-0005	EA	1-1/4"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	28.83
Note: Includes neoprene gasket						
22 01 10 61-0006	EA	1-1/2"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	31.29
Note: Includes neoprene gasket						
22 01 10 61-0007	EA	2"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	39.94
Note: Includes neoprene gasket						
22 01 10 61-0008	EA	2-1/2"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	51.04
Note: Includes neoprene gasket						
22 01 10 61-0009	EA	3"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	59.46
Note: Includes neoprene gasket						
22 01 10 61-0010	EA	4"	Diameter x 3"	Stainless Steel Pipe Repair Clamp, Single Bolt	.....	68.19
Note: Includes neoprene gasket						
22 01 10 61-0011	EA	1/2"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	37.48
Note: Includes neoprene gasket						
22 01 10 61-0012	EA	3/4"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	39.09
Note: Includes neoprene gasket						
22 01 10 61-0013	EA	1"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	43.27
Note: Includes neoprene gasket						
22 01 10 61-0014	EA	1-1/4"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	47.56
Note: Includes neoprene gasket						
22 01 10 61-0015	EA	1-1/2"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	52.47
Note: Includes neoprene gasket						
22 01 10 61-0016	EA	2"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	67.80
Note: Includes neoprene gasket						
22 01 10 61-0017	EA	2-1/2"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	82.71
Note: Includes neoprene gasket						
22 01 10 61-0018	EA	3"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	94.48
Note: Includes neoprene gasket						
22 01 10 61-0019	EA	4"	Diameter x 6"	Stainless Steel Pipe Repair Clamp, Double Bolt	.....	107.26
Note: Includes neoprene gasket						
22 01 10 61-0020	EA	1/2"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	52.47
Note: Includes Buna rubber gasket						
22 01 10 61-0021	EA	3/4"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	54.69
Note: Includes Buna rubber gasket						
22 01 10 61-0022	EA	1"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	60.44
Note: Includes Buna rubber gasket						
22 01 10 61-0023	EA	1-1/4"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	66.30
Note: Includes Buna rubber gasket						
22 01 10 61-0024	EA	1-1/2"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	74.87
Note: Includes Buna rubber gasket						
22 01 10 61-0025	EA	2"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	91.72
Note: Includes Buna rubber gasket						
22 01 10 61-0026	EA	2-1/2"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	108.34
Note: Includes Buna rubber gasket						
22 01 10 61-0027	EA	3"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	130.69
Note: Includes Buna rubber gasket						
22 01 10 61-0028	EA	4"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	160.73
Note: Includes Buna rubber gasket						
22 01 10 61-0029	EA	5"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	165.01
Note: Includes Buna rubber gasket						
22 01 10 61-0030	EA	6"	Diameter x 9"	Stainless Steel Pipe Repair Clamp, Three Bolt	.....	176.79
Note: Includes Buna rubber gasket						

#### 22 01 40 Operation and Maintenance of Plumbing Fixtures <sup>(22 01)</sup>

##### 22 01 40 00-0001 Fixture And/Or Trim Replacement <sup>(22 01 40)</sup>

Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 00-0002	EA	3/8"	To 1/2"	Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube	.....	37.39	
22 01 40 00-0003	EA	3/8"	Compression x 1/2"	FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory Replacement	.....	14.31	
22 01 40 00-0004	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair				.....	18.86
22 01 40 00-0005	EA	Single Bowl Sink/Lavatory Drain Line Replacement				.....	25.59
22 01 40 00-0006	EA	Double Bowl Sink/Lavatory Drain Line Replacement				.....	40.35
22 01 40 00-0007	EA	Shower Head, Polished Chrome, Replacement				.....	30.76

**22 Plumbing****22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 01 40 00-0008	EA	Shower Arm Replacement .....	24.66	
22 01 40 00-0009	EA	Shower Head Replacement .....	29.51	
22 01 40 00-0010	EA	Shower Knob Replacement .....	22.85	
22 01 40 00-0011	EA	Wall Mount, Hand Shower Unit With Hose (Delta 55011).....	116.72	
22 01 40 00-0012	EA	Shower and Tub Control Trim Replacement .....	63.14	
		Note: Excludes balancing valve.		
22 01 40 00-0013	EA	Sink Basket Strainer Replacement .....	16.06	
22 01 40 00-0014	EA	Sink Drain Without Stopper, 1-1/2" Replacement .....	8.88	
22 01 40 00-0015	EA	Sink Drain Without Stopper, 4-1/2" Replacement .....	9.30	
22 01 40 00-0016	EA	Sink Drain With Stopper, 1-1/2" Replacement .....	8.88	
22 01 40 00-0017	EA	1" Sink Rubber Stopper Replacement .....	5.96	
22 01 40 00-0018	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement .....	15.21	
22 01 40 00-0019	EA	Sink Trap, Adjustable, 1-1/2" Replacement .....	24.54	
22 01 40 00-0020	EA	Lavatory Pop-Up Rod Replacement .....	19.07	
22 01 40 00-0021	EA	Lavatory Pop-up Drain Stopper Replacement .....	19.94	
22 01 40 00-0022	EA	Faucet Handle Replacement .....	21.21	
22 01 40 00-0023	EA	Faucet O-Ring Replacement .....	15.78	
22 01 40 00-0024	EA	1-1/2" Faucet Hole Cover.....	11.26	
22 01 40 00-0025	EA	Toilet Ballcock Replacement.....	25.33	
22 01 40 00-0026	EA	Toilet Bowl Ring, Flat Wax, Replacement.....	4.76	
		Note: Excludes removal of toilet.		
22 01 40 00-0027	EA	Toilet Tank Replacement.....	108.34	
22 01 40 00-0028	EA	Toilet Bowl, 10" Replacement.....	126.05	
22 01 40 00-0029	EA	Toilet Bowl, 10", Low-Flush Watersaver, Replacement .....	139.00	
22 01 40 00-0030	EA	Toilet Bowl, 12", Replacement .....	151.50	
22 01 40 00-0031	EA	Toilet Bowl, Elongated, 18", Replacement.....	130.41	
22 01 40 00-0032	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement .....	13.97	
22 01 40 00-0033	EA	Toilet Flapper With Chain Replacement .....	12.16	
22 01 40 00-0034	EA	Toilet Flush Tank Lever Replacement .....	12.46	
22 01 40 00-0035	EA	Elongated Toilet Seat With Lid Replacement.....	79.24	
22 01 40 00-0036	EA	Elongated Toilet Seat Without Lid Replacement.....	62.69	
22 01 40 00-0037	EA	Handicap Toilet Seat Replacement, Complete With Rails .....	116.10	
22 01 40 00-0038	EA	Diverter Tub Spout Replacement.....	36.57	
22 01 40 00-0039	EA	Tub Spout Replacement .....	25.48	
22 01 40 00-0040	EA	2" Tub Stopper, Replacement.....	6.82	
22 01 40 00-0041	EA	Tub Waste/Overflow Replacement .....	50.29	
22 01 40 00-0042	EA	Tub Stem Bonnet Assembly Replacement .....	23.27	
22 01 40 00-0043	EA	Faucet Bonnet Replacement .....	26.80	
22 01 40 00-0044	EA	Faucet Diverter Stem Replacement.....	16.39	
22 01 40 00-0045	EA	Faucet Diverter Stem And Bonnet Replacement .....	22.32	
22 01 40 00-0046	EA	Faucet Spout Replacement .....	26.59	
22 01 40 00-0047	EA	Faucet Stem Replacement .....	18.95	
22 01 40 00-0048	EA	Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement.....	130.16	
22 01 40 00-0049	EA	Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement.....	164.13	
22 01 40 00-0050	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement .....	98.93	

**22 05 Common Work Results for Plumbing** <sup>(22)</sup>**22 05 13 Common Motor Requirements For Plumbing Equipment** <sup>(22 05)</sup>

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

**22 05 16 Expansion Fittings And Loops For Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

**22 05 19 Meters And Gages For Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 19 00-0000 for gages, 33 12 33 00-0000 for water utility service metering.

**22 05 23 General-Duty Valves For Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 23 00-0000 for valves.

**22 05 23 00-0001 Mud Valves (Drain Plug Valves)** <sup>(22 05 23)</sup>

Note: For settling basins, waterworks, sewage treatment plants where sedimentaceous material must be flushed from system.

22 05 23 00-0002	EA	4" Flanged End, Non Rising Stem Mud Valve.....	725.19	132.78
22 05 23 00-0003	EA	6" Flanged End, Non Rising Stem Mud Valve.....	853.05	185.88
22 05 23 00-0004	EA	8" Flanged End, Non Rising Stem Mud Valve.....	1,049.92	190.26
22 05 23 00-0005	EA	10" Flanged End, Non Rising Stem Mud Valve.....	1,570.38	233.03
22 05 23 00-0006	EA	12" Flanged End, Non Rising Stem Mud Valve.....	1,843.93	282.46
22 05 23 00-0007	EA	14" Flanged End, Non Rising Stem Mud Valve.....	3,475.36	371.76
22 05 23 00-0008	EA	16" Flanged End, Non Rising Stem Mud Valve.....	4,122.23	408.94
22 05 23 00-0009	EA	18" Flanged End, Non Rising Stem Mud Valve.....	4,616.83	437.74
22 05 23 00-0010	EA	24" Flanged End, Non Rising Stem Mud Valve.....	6,476.06	606.05

**22 05 29 Hangers And Supports For Plumbing Piping And Equipment** <sup>(22 05)</sup>

See CSI section 23 05 29 00-0000 for hangers and supports.

**22 05 33 Heat Tracing For Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 83 13 00-0000 for heat tracing cables.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment <small>(22 05)</small> See CSI section 23 05 48 00-0000 for vibration and seismic control.		
22 05 53 Identification For Plumbing Piping And Equipment <small>(22 05)</small> See CSI section 23 05 53 00-0000 for identification.		
22 05 76 Facility Drainage Piping Cleanouts <small>(22 05)</small>		
22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover <small>(22 05 76)</small> Note: For floor installation.		
22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover <small>(22 05 76 00-0001)</small>		
22 05 76 00-0003 EA 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	273.79 45.00 -24.00 16.00 58.50 19.50 97.00	35.80
22 05 76 00-0004 EA 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	300.33 45.00 -24.00 16.00 58.50 19.50 97.00	44.89
22 05 76 00-0005 EA 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	373.74 45.00 -24.00 16.00 58.50 19.50 97.00	54.24
22 05 76 00-0006 EA 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	523.96 45.00 -24.00 16.00 58.50 19.50 97.00	60.70
22 05 76 00-0007 EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	638.46 45.00 -24.00 16.00 58.50 19.50 97.00	65.76
22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover <small>(22 05 76 00-0001)</small>		
22 05 76 00-0009 EA 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	311.59 45.00 -24.00 16.00 58.50 19.50 97.00	35.80
22 05 76 00-0010 EA 3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	338.68 45.00 -24.00 16.00 58.50 19.50 97.00	44.83
22 05 76 00-0011 EA 4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	412.14 45.00 -24.00 16.00 58.50 19.50 97.00	54.24
22 05 76 00-0012 EA 5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Galvanized Ferrule, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Carpet Marker, Add</i> <i>For Carpet Flange, Add</i> <i>For Vandal Proof, Add</i> <i>For Wide Flange, Add</i>	562.39 45.00 -24.00 16.00 58.50 19.50 97.00	60.70

**22 Plumbing****22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0013 EA 6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	676.84	65.76
For Galvanized Ferrule, Add	45.00	
For Satin Bronze Top, Deduct	-24.00	
For Carpet Marker, Add	16.00	
For Carpet Flange, Add	58.50	
For Vandal Proof, Add	19.50	
For Wide Flange, Add	97.00	
<b>22 05 76 00-0014 Wall Cover For Cleanout</b> (22 05 76)		
Note: Cover and screw only.		
<b>22 05 76 00-0015 Round Access Cover, Bronze Polished Top</b> (22 05 76 00-0014)		
Note: Cover and screw only.		
22 05 76 00-0016 EA 4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	45.23	11.24
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0017 EA 5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	49.72	13.46
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0018 EA 7" Diameter Wall Cover For Cleanout, Screwed.....	62.09	15.14
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0019 EA 9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	99.05	16.83
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0020 EA 11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	144.41	18.51
For Stainless Steel, Add	9.00	
For Vandal Proof Screws, Add	19.50	
<b>22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top</b> (22 05 76 00-0014)		
Note: Cover and screw only.		
22 05 76 00-0022 EA 7" x 7" Bronze Wall Or Floor Access Cover.....	130.43	11.24
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0023 EA 9" x 9" Bronze Wall Or Floor Access Cover.....	182.55	11.78
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0024 EA 10" x 10" Bronze Wall Or Floor Access Cover.....	194.90	12.45
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0025 EA 14" x 14" Bronze Wall Or Floor Access Cover.....	218.27	14.14
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
<b>22 05 76 00-0026 Secured Square Wall Access Panel, Bronze Polished Top</b> (22 05 76 00-0014)		
Note: Cover and screw only.		
22 05 76 00-0027 EA 6" x 6" Bronze Secured Wall Access Panel.....	130.43	11.24
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0028 EA 8" x 8" Bronze Secured Wall Access Panel.....	182.55	11.78
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0029 EA 10" x 10" Bronze Secured Wall Access Panel.....	194.90	12.45
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0030 EA 12" x 12" Bronze Secured Wall Access Panel.....	218.27	14.14
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
<b>22 05 76 00-0031 Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated</b> (22 05 76 00-0014)		
Note: Cover and screw only.		
22 05 76 00-0032 EA 6" x 6" Bronze Secured Hinged Access Panel, Scoriated.....	126.93	11.24
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0033 EA 8" x 8" Bronze Secured Hinged Access Panel, Scoriated.....	171.05	11.78
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0034 EA 10" x 10" Bronze Secured Hinged Access Panel, Scoriated.....	237.40	12.45
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
22 05 76 00-0035 EA 12" x 12" Bronze Secured Hinged Access Panel, Scoriated.....	286.27	14.14
For Nickel Bronze, Add	22.50	
For Vandal Proof Screws, Add	19.50	
<b>22 05 76 00-0036 Cast Iron Cleanout Tee</b> (22 05 76)		
<b>22 05 76 00-0037 Cast Iron Cleanout Tee And Round Access Cover</b> (22 05 76 00-0036)		
Note: Satin smooth secured cover.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0038 EA 2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	198.19 19.50 45.00	35.80
22 05 76 00-0039 EA 3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	229.48 19.50 45.00	44.83
22 05 76 00-0040 EA 4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	296.34 19.50 45.00	54.24
22 05 76 00-0041 EA 6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	658.84 19.50 45.00	65.76
<b>22 05 76 00-0042 Cast Iron Cleanout Tee And Square Access Cover</b> (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0043 EA 2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	324.79 19.50 45.00	35.80
22 05 76 00-0044 EA 3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	356.08 19.50 45.00	44.83
22 05 76 00-0045 EA 4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	414.54 19.50 45.00	54.24
22 05 76 00-0046 EA 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	829.84 19.50 45.00	65.76
<b>22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug</b> (22 05 76 00-0036)		
22 05 76 00-0048 EA 2" Cleanout Tee With Cast Bronze Screw Plug.....	162.35	29.28
22 05 76 00-0049 EA 3" Cleanout Tee With Cast Bronze Screw Plug.....	180.93	31.97
22 05 76 00-0050 EA 4" Cleanout Tee With Cast Bronze Screw Plug.....	240.73	42.06
22 05 76 00-0051 EA 5" Cleanout Tee With Cast Bronze Screw Plug.....	351.60	49.81
22 05 76 00-0052 EA 6" Cleanout Tee With Cast Bronze Screw Plug.....	579.78	58.89
<b>22 05 76 00-0053 Removable Cleanout Plug</b> (22 05 76)		
<b>22 05 76 00-0054 Threaded Bronze Plugs</b> (22 05 76 00-0053)		
22 05 76 00-0055 EA 1-1/4", 1-1/2" Or 2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	27.89 9.50	8.41
22 05 76 00-0056 EA 2-1/2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	32.24 9.50	9.15
22 05 76 00-0057 EA 3" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	48.72 9.50	10.09
22 05 76 00-0058 EA 3-1/2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	55.10 9.50	11.78
22 05 76 00-0059 EA 4" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	62.47 9.50	13.46
22 05 76 00-0060 EA 5" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	83.34 9.50	15.14
22 05 76 00-0061 EA 6" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	116.20 9.50	16.83
22 05 76 00-0062 EA 8" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	184.51 9.50	18.51
22 05 76 00-0063 EA 10" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	257.88 9.50	20.19
<b>22 05 76 00-0064 Threaded Brass Plugs</b> (22 05 76 00-0053)		
22 05 76 00-0065 EA 1-1/2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	20.80 9.50	8.41
22 05 76 00-0066 EA 2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	21.49 9.50	8.41
22 05 76 00-0067 EA 2-1/2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	23.63 9.50	9.15
22 05 76 00-0068 EA 3" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	27.15 9.50	10.09
22 05 76 00-0069 EA 3-1/2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	32.38 9.50	11.78
22 05 76 00-0070 EA 4" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	38.88 9.50	13.46
22 05 76 00-0071 EA 4-1/2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	42.10 9.50	14.18
22 05 76 00-0072 EA 5" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	45.77 9.50	15.14
22 05 76 00-0073 EA 6" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	65.89 9.50	16.83
22 05 76 00-0074 EA 1-1/2" Threaded Brass Plug, Countersunk Head..... <i>For Plug Tapped For Center Screw, Add</i>	20.26 9.50	8.41
22 05 76 00-0075 EA 2" Threaded Brass Plug, Countersunk Head..... <i>For Plug Tapped For Center Screw, Add</i>	21.02 9.50	8.41

**22 Plumbing****22 05 Common Work Results for Plumbing**

22 05 76 Facility Drainage Piping Cleanouts



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0076	EA		2-1/2" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	25.13 9.50	9.15
22 05 76 00-0077	EA		3" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	27.37 9.50	10.09
22 05 76 00-0078	EA		3-1/2" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	31.73 9.50	11.78
22 05 76 00-0079	EA		4" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	37.86 9.50	13.46
22 05 76 00-0080	EA		5" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	45.21 9.50	15.14
22 05 76 00-0081	EA		6" Threaded Brass Plug, Countersunk Head ..... <i>For Plug Tapped For Center Screw, Add</i>	56.90 9.50	16.83

**22 07 Plumbing Insulation<sup>(22)</sup>****22 07 16 Plumbing Equipment Insulation<sup>(22 07)</sup>****22 07 16 00-0001 Lavatory Insulation<sup>(22 07 16)</sup>**

22 07 16 00-0002	EA		Neoprene Insulation Kit For Under Lavatories .....	173.84	13.76
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**22 07 19 Plumbing Piping Insulation<sup>(22 07)</sup>****22 07 19 00-0001 Fiberglass Pipe Insulation<sup>(22 07 19)</sup>**

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

**22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation<sup>(22 07 19 00-0001)</sup>**

22 07 19 00-0003	LF		1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	4.77 0.12 1.09	1.34
22 07 19 00-0004	LF		3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	4.89 0.13 1.09	1.34
22 07 19 00-0005	LF		1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.20 0.14 1.16	1.40
22 07 19 00-0006	LF		1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.41 0.15 1.18	1.47
22 07 19 00-0007	LF		1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.58 0.16 1.20	1.47
22 07 19 00-0008	LF		2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.91 0.18 1.27	1.53
22 07 19 00-0009	LF		2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.22 0.20 1.29	1.59
22 07 19 00-0010	LF		3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.59 0.23 1.33	1.65
22 07 19 00-0011	LF		4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.55 0.29 1.44	1.78
22 07 19 00-0012	LF		6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.95 0.35 1.68	2.08

**22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation<sup>(22 07 19 00-0001)</sup>**

22 07 19 00-0014	LF		1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.37 0.14 1.51	1.84
22 07 19 00-0015	LF		3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.57 0.16 1.51	1.84
22 07 19 00-0016	LF		1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.67 0.16 1.53	1.84
22 07 19 00-0017	LF		1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.95 0.19 1.55	1.90
22 07 19 00-0018	LF		1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.15 0.20 1.58	1.90
22 07 19 00-0019	LF		2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) ..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.47 0.22 1.62	1.96





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0020 LF 2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	7.90	2.08
<i>For Single Layer Of Felt Finish, Add</i>	0.24	
<i>For Work In Restricted Working Space, Add</i>	1.68	
22 07 19 00-0021 LF 3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	8.34	2.14
<i>For Single Layer Of Felt Finish, Add</i>	0.27	
<i>For Work In Restricted Working Space, Add</i>	1.73	
22 07 19 00-0022 LF 4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	9.54	2.26
<i>For Single Layer Of Felt Finish, Add</i>	0.35	
<i>For Work In Restricted Working Space, Add</i>	1.86	
22 07 19 00-0023 LF 6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	11.07	2.63
<i>For Single Layer Of Felt Finish, Add</i>	0.43	
<i>For Work In Restricted Working Space, Add</i>	2.09	
22 07 19 00-0024 LF 8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	13.85	2.94
<i>For Single Layer Of Felt Finish, Add</i>	0.61	
<i>For Work In Restricted Working Space, Add</i>	2.40	
22 07 19 00-0025 LF 10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.27	3.49
<i>For Single Layer Of Felt Finish, Add</i>	0.72	
<i>For Work In Restricted Working Space, Add</i>	2.84	
22 07 19 00-0026 LF 12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.66	3.98
<i>For Single Layer Of Felt Finish, Add</i>	0.81	
<i>For Work In Restricted Working Space, Add</i>	3.28	
22 07 19 00-0027 LF 14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.27	4.35
<i>For Single Layer Of Felt Finish, Add</i>	0.94	
<i>For Work In Restricted Working Space, Add</i>	3.39	
<b>22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0029 LF 1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	7.96	1.89
<i>For Single Layer Of Felt Finish, Add</i>	0.29	
<i>For Work In Restricted Working Space, Add</i>	1.57	
22 07 19 00-0030 LF 3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	8.09	1.89
<i>For Single Layer Of Felt Finish, Add</i>	0.30	
<i>For Work In Restricted Working Space, Add</i>	1.57	
22 07 19 00-0031 LF 1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	8.54	2.00
<i>For Single Layer Of Felt Finish, Add</i>	0.31	
<i>For Work In Restricted Working Space, Add</i>	1.67	
22 07 19 00-0032 LF 1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	8.87	2.05
<i>For Single Layer Of Felt Finish, Add</i>	0.34	
<i>For Work In Restricted Working Space, Add</i>	1.70	
22 07 19 00-0033 LF 1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	9.15	2.08
<i>For Single Layer Of Felt Finish, Add</i>	0.36	
<i>For Work In Restricted Working Space, Add</i>	1.73	
22 07 19 00-0034 LF 2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	9.77	2.19
<i>For Single Layer Of Felt Finish, Add</i>	0.39	
<i>For Work In Restricted Working Space, Add</i>	1.82	
22 07 19 00-0035 LF 2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.24	2.23
<i>For Single Layer Of Felt Finish, Add</i>	0.43	
<i>For Work In Restricted Working Space, Add</i>	1.85	
22 07 19 00-0036 LF 3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.58	2.31
<i>For Single Layer Of Felt Finish, Add</i>	0.44	
<i>For Work In Restricted Working Space, Add</i>	1.92	
22 07 19 00-0037 LF 4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	11.71	2.49
<i>For Single Layer Of Felt Finish, Add</i>	0.50	
<i>For Work In Restricted Working Space, Add</i>	2.07	
22 07 19 00-0038 LF 6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	13.54	2.92
<i>For Single Layer Of Felt Finish, Add</i>	0.58	
<i>For Work In Restricted Working Space, Add</i>	2.42	
22 07 19 00-0039 LF 8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	15.38	3.07
<i>For Single Layer Of Felt Finish, Add</i>	0.72	
<i>For Work In Restricted Working Space, Add</i>	2.56	
22 07 19 00-0040 LF 10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.84	3.67
<i>For Single Layer Of Felt Finish, Add</i>	0.91	
<i>For Work In Restricted Working Space, Add</i>	3.06	
22 07 19 00-0041 LF 12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.29	4.28
<i>For Single Layer Of Felt Finish, Add</i>	0.99	
<i>For Work In Restricted Working Space, Add</i>	3.56	
22 07 19 00-0042 LF 14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.91	4.69
<i>For Single Layer Of Felt Finish, Add</i>	1.14	
<i>For Work In Restricted Working Space, Add</i>	3.90	
<b>22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0044 LF 1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.02	2.08
<i>For Single Layer Of Felt Finish, Add</i>	0.45	
<i>For Work In Restricted Working Space, Add</i>	1.73	
22 07 19 00-0045 LF 3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.16	2.08
<i>For Single Layer Of Felt Finish, Add</i>	0.46	
<i>For Work In Restricted Working Space, Add</i>	1.73	
22 07 19 00-0046 LF 1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.55	2.14
<i>For Single Layer Of Felt Finish, Add</i>	0.50	
<i>For Work In Restricted Working Space, Add</i>	1.75	
22 07 19 00-0047 LF 1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	10.89	2.14
<i>For Single Layer Of Felt Finish, Add</i>	0.52	
<i>For Work In Restricted Working Space, Add</i>	1.77	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0048	LF		1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	11.24	2.20
			<i>For Single Layer Of Felt Finish, Add</i>	0.55	
			<i>For Work In Restricted Working Space, Add</i>	1.79	
22 07 19 00-0049	LF		2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	11.68	2.26
			<i>For Single Layer Of Felt Finish, Add</i>	0.58	
			<i>For Work In Restricted Working Space, Add</i>	1.86	
22 07 19 00-0050	LF		2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.30	2.32
			<i>For Single Layer Of Felt Finish, Add</i>	0.62	
			<i>For Work In Restricted Working Space, Add</i>	1.92	
22 07 19 00-0051	LF		3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.98	2.45
			<i>For Single Layer Of Felt Finish, Add</i>	0.67	
			<i>For Work In Restricted Working Space, Add</i>	1.99	
22 07 19 00-0052	LF		4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	14.26	2.57
			<i>For Single Layer Of Felt Finish, Add</i>	0.76	
			<i>For Work In Restricted Working Space, Add</i>	2.10	
22 07 19 00-0053	LF		6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	16.84	3.02
			<i>For Single Layer Of Felt Finish, Add</i>	0.89	
			<i>For Work In Restricted Working Space, Add</i>	2.52	
22 07 19 00-0054	LF		8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	19.29	3.19
			<i>For Single Layer Of Felt Finish, Add</i>	1.10	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-0055	LF		10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	23.09	3.81
			<i>For Single Layer Of Felt Finish, Add</i>	1.31	
			<i>For Work In Restricted Working Space, Add</i>	3.18	
22 07 19 00-0056	LF		12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	26.41	4.57
			<i>For Single Layer Of Felt Finish, Add</i>	1.44	
			<i>For Work In Restricted Working Space, Add</i>	3.81	
22 07 19 00-0057	LF		14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	33.22	4.98
			<i>For Single Layer Of Felt Finish, Add</i>	1.63	
			<i>For Work In Restricted Working Space, Add</i>	5.31	
22 07 19 00-0058	LF		16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	35.37	5.84
			<i>For Single Layer Of Felt Finish, Add</i>	1.85	
			<i>For Work In Restricted Working Space, Add</i>	5.31	
22 07 19 00-0059	LF		18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	39.58	6.14
			<i>For Single Layer Of Felt Finish, Add</i>	2.20	
			<i>For Work In Restricted Working Space, Add</i>	5.58	
22 07 19 00-0060	LF		20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	44.80	7.01
			<i>For Single Layer Of Felt Finish, Add</i>	2.47	
			<i>For Work In Restricted Working Space, Add</i>	6.38	
22 07 19 00-0061	LF		24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	51.78	8.48
			<i>For Single Layer Of Felt Finish, Add</i>	2.74	
			<i>For Work In Restricted Working Space, Add</i>	7.70	
<b>22 07 19 00-0062</b>			<b>2-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0063	LF		1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.58	2.45
			<i>For Single Layer Of Felt Finish, Add</i>	0.62	
			<i>For Work In Restricted Working Space, Add</i>	1.99	
22 07 19 00-0064	LF		3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.78	2.45
			<i>For Single Layer Of Felt Finish, Add</i>	0.64	
			<i>For Work In Restricted Working Space, Add</i>	1.99	
22 07 19 00-0065	LF		1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	13.33	2.45
			<i>For Single Layer Of Felt Finish, Add</i>	0.69	
			<i>For Work In Restricted Working Space, Add</i>	2.02	
22 07 19 00-0066	LF		1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	13.75	2.51
			<i>For Single Layer Of Felt Finish, Add</i>	0.73	
			<i>For Work In Restricted Working Space, Add</i>	2.04	
22 07 19 00-0067	LF		1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	14.18	2.51
			<i>For Single Layer Of Felt Finish, Add</i>	0.77	
			<i>For Work In Restricted Working Space, Add</i>	2.05	
22 07 19 00-0068	LF		2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	14.77	2.63
			<i>For Single Layer Of Felt Finish, Add</i>	0.80	
			<i>For Work In Restricted Working Space, Add</i>	2.14	
22 07 19 00-0069	LF		2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	15.66	2.69
			<i>For Single Layer Of Felt Finish, Add</i>	0.87	
			<i>For Work In Restricted Working Space, Add</i>	2.21	
22 07 19 00-0070	LF		3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	16.44	2.82
			<i>For Single Layer Of Felt Finish, Add</i>	0.93	
			<i>For Work In Restricted Working Space, Add</i>	2.29	
22 07 19 00-0071	LF		4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	18.30	2.94
			<i>For Single Layer Of Felt Finish, Add</i>	1.08	
			<i>For Work In Restricted Working Space, Add</i>	2.42	
22 07 19 00-0072	LF		6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	21.01	3.12
			<i>For Single Layer Of Felt Finish, Add</i>	1.25	
			<i>For Work In Restricted Working Space, Add</i>	2.75	
22 07 19 00-0073	LF		8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	28.65	3.73
			<i>For Single Layer Of Felt Finish, Add</i>	1.94	
			<i>For Work In Restricted Working Space, Add</i>	3.06	
22 07 19 00-0074	LF		10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	34.33	4.28
			<i>For Single Layer Of Felt Finish, Add</i>	2.37	
			<i>For Work In Restricted Working Space, Add</i>	3.53	
22 07 19 00-0075	LF		12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	38.66	5.33
			<i>For Single Layer Of Felt Finish, Add</i>	2.52	
			<i>For Work In Restricted Working Space, Add</i>	4.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0076 LF 14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	43.88	5.87
<i>For Single Layer Of Felt Finish, Add</i>	2.93	
<i>For Work In Restricted Working Space, Add</i>	4.79	
22 07 19 00-0077 LF 16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	51.16	7.47
<i>For Single Layer Of Felt Finish, Add</i>	3.23	
<i>For Work In Restricted Working Space, Add</i>	6.12	
22 07 19 00-0078 LF 18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	55.17	7.83
<i>For Single Layer Of Felt Finish, Add</i>	3.54	
<i>For Work In Restricted Working Space, Add</i>	6.42	
22 07 19 00-0079 LF 20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	62.57	8.93
<i>For Single Layer Of Felt Finish, Add</i>	4.00	
<i>For Work In Restricted Working Space, Add</i>	7.34	
22 07 19 00-0080 LF 24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	73.37	10.80
<i>For Single Layer Of Felt Finish, Add</i>	4.60	
<i>For Work In Restricted Working Space, Add</i>	8.87	
<b>22 07 19 00-0081 3" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0082 LF 1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	13.87	2.70
<i>For Single Layer Of Felt Finish, Add</i>	0.68	
<i>For Work In Restricted Working Space, Add</i>	2.21	
22 07 19 00-0083 LF 3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	14.09	2.70
<i>For Single Layer Of Felt Finish, Add</i>	0.71	
<i>For Work In Restricted Working Space, Add</i>	2.21	
22 07 19 00-0084 LF 1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	14.66	2.72
<i>For Single Layer Of Felt Finish, Add</i>	0.76	
<i>For Work In Restricted Working Space, Add</i>	2.23	
22 07 19 00-0085 LF 1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	15.10	2.74
<i>For Single Layer Of Felt Finish, Add</i>	0.80	
<i>For Work In Restricted Working Space, Add</i>	2.24	
22 07 19 00-0086 LF 1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	15.61	2.77
<i>For Single Layer Of Felt Finish, Add</i>	0.85	
<i>For Work In Restricted Working Space, Add</i>	2.27	
22 07 19 00-0087 LF 2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.22	2.89
<i>For Single Layer Of Felt Finish, Add</i>	0.88	
<i>For Work In Restricted Working Space, Add</i>	2.35	
22 07 19 00-0088 LF 2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.19	2.98
<i>For Single Layer Of Felt Finish, Add</i>	0.95	
<i>For Work In Restricted Working Space, Add</i>	2.43	
22 07 19 00-0089 LF 3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.06	3.09
<i>For Single Layer Of Felt Finish, Add</i>	1.02	
<i>For Work In Restricted Working Space, Add</i>	2.52	
22 07 19 00-0090 LF 4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.11	3.26
<i>For Single Layer Of Felt Finish, Add</i>	1.18	
<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-0091 LF 6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.07	3.70
<i>For Single Layer Of Felt Finish, Add</i>	1.37	
<i>For Work In Restricted Working Space, Add</i>	3.02	
22 07 19 00-0092 LF 8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.45	4.13
<i>For Single Layer Of Felt Finish, Add</i>	2.13	
<i>For Work In Restricted Working Space, Add</i>	3.36	
22 07 19 00-0093 LF 10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	37.72	4.76
<i>For Single Layer Of Felt Finish, Add</i>	2.60	
<i>For Work In Restricted Working Space, Add</i>	3.88	
22 07 19 00-0094 LF 12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.46	5.91
<i>For Single Layer Of Felt Finish, Add</i>	2.77	
<i>For Work In Restricted Working Space, Add</i>	4.82	
22 07 19 00-0095 LF 14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	48.20	6.46
<i>For Single Layer Of Felt Finish, Add</i>	3.22	
<i>For Work In Restricted Working Space, Add</i>	5.27	
22 07 19 00-0096 LF 16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	56.20	8.25
<i>For Single Layer Of Felt Finish, Add</i>	3.55	
<i>For Work In Restricted Working Space, Add</i>	6.73	
22 07 19 00-0097 LF 18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.61	8.67
<i>For Single Layer Of Felt Finish, Add</i>	3.89	
<i>For Work In Restricted Working Space, Add</i>	7.07	
22 07 19 00-0098 LF 20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	68.73	9.91
<i>For Single Layer Of Felt Finish, Add</i>	4.39	
<i>For Work In Restricted Working Space, Add</i>	8.08	
22 07 19 00-0099 LF 24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	80.59	11.97
<i>For Single Layer Of Felt Finish, Add</i>	5.05	
<i>For Work In Restricted Working Space, Add</i>	9.76	
<b>22 07 19 00-0100 3-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0101 LF 1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	14.91	2.94
<i>For Single Layer Of Felt Finish, Add</i>	0.72	
<i>For Work In Restricted Working Space, Add</i>	2.42	
22 07 19 00-0102 LF 3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	15.17	2.94
<i>For Single Layer Of Felt Finish, Add</i>	0.75	
<i>For Work In Restricted Working Space, Add</i>	2.42	
22 07 19 00-0103 LF 1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.01	2.94
<i>For Single Layer Of Felt Finish, Add</i>	0.83	
<i>For Work In Restricted Working Space, Add</i>	2.43	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0104	LF	1-1/4"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.49	3.00
			<i>For Single Layer Of Felt Finish, Add</i>	0.88	
			<i>For Work In Restricted Working Space, Add</i>	2.45	
22 07 19 00-0105	LF	1-1/2"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.06	3.00
			<i>For Single Layer Of Felt Finish, Add</i>	0.93	
			<i>For Work In Restricted Working Space, Add</i>	2.48	
22 07 19 00-0106	LF	2"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.71	3.12
			<i>For Single Layer Of Felt Finish, Add</i>	0.96	
			<i>For Work In Restricted Working Space, Add</i>	2.56	
22 07 19 00-0107	LF	2-1/2"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.76	3.24
			<i>For Single Layer Of Felt Finish, Add</i>	1.04	
			<i>For Work In Restricted Working Space, Add</i>	2.65	
22 07 19 00-0108	LF	3"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.64	3.37
			<i>For Single Layer Of Felt Finish, Add</i>	1.10	
			<i>For Work In Restricted Working Space, Add</i>	2.75	
22 07 19 00-0109	LF	4"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.97	3.55
			<i>For Single Layer Of Felt Finish, Add</i>	1.29	
			<i>For Work In Restricted Working Space, Add</i>	2.90	
22 07 19 00-0110	LF	6"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.20	4.04
			<i>For Single Layer Of Felt Finish, Add</i>	1.49	
			<i>For Work In Restricted Working Space, Add</i>	3.29	
22 07 19 00-0111	LF	8"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.36	4.47
			<i>For Single Layer Of Felt Finish, Add</i>	2.32	
			<i>For Work In Restricted Working Space, Add</i>	3.67	
22 07 19 00-0112	LF	10"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	41.21	5.14
			<i>For Single Layer Of Felt Finish, Add</i>	2.84	
			<i>For Work In Restricted Working Space, Add</i>	4.24	
22 07 19 00-0113	LF	12"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	46.38	6.43
			<i>For Single Layer Of Felt Finish, Add</i>	3.03	
			<i>For Work In Restricted Working Space, Add</i>	5.26	
22 07 19 00-0114	LF	14"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	52.67	7.03
			<i>For Single Layer Of Felt Finish, Add</i>	3.52	
			<i>For Work In Restricted Working Space, Add</i>	5.75	
22 07 19 00-0115	LF	16"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	61.41	8.93
			<i>For Single Layer Of Felt Finish, Add</i>	3.88	
			<i>For Work In Restricted Working Space, Add</i>	7.34	
22 07 19 00-0116	LF	18"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	66.21	9.42
			<i>For Single Layer Of Felt Finish, Add</i>	4.25	
			<i>For Work In Restricted Working Space, Add</i>	7.71	
22 07 19 00-0117	LF	20"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	75.11	10.77
			<i>For Single Layer Of Felt Finish, Add</i>	4.80	
			<i>For Work In Restricted Working Space, Add</i>	8.82	
22 07 19 00-0118	LF	24"	Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	88.04	12.98
			<i>For Single Layer Of Felt Finish, Add</i>	5.52	
			<i>For Work In Restricted Working Space, Add</i>	10.65	
<b>22 07 19 00-0119</b>			<b>4" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)</b>		
22 07 19 00-0120	LF	1/2"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.95	3.30
			<i>For Single Layer Of Felt Finish, Add</i>	0.84	
			<i>For Work In Restricted Working Space, Add</i>	2.68	
22 07 19 00-0121	LF	3/4"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.24	3.30
			<i>For Single Layer Of Felt Finish, Add</i>	0.87	
			<i>For Work In Restricted Working Space, Add</i>	2.68	
22 07 19 00-0122	LF	1"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.98	3.30
			<i>For Single Layer Of Felt Finish, Add</i>	0.93	
			<i>For Work In Restricted Working Space, Add</i>	2.73	
22 07 19 00-0123	LF	1-1/4"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.60	3.37
			<i>For Single Layer Of Felt Finish, Add</i>	0.99	
			<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-0124	LF	1-1/2"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.39	3.49
			<i>For Single Layer Of Felt Finish, Add</i>	1.04	
			<i>For Work In Restricted Working Space, Add</i>	2.85	
22 07 19 00-0125	LF	2"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.11	3.61
			<i>For Single Layer Of Felt Finish, Add</i>	1.08	
			<i>For Work In Restricted Working Space, Add</i>	2.93	
22 07 19 00-0126	LF	2-1/2"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.11	3.61
			<i>For Single Layer Of Felt Finish, Add</i>	1.17	
			<i>For Work In Restricted Working Space, Add</i>	2.98	
22 07 19 00-0127	LF	3"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.20	3.79
			<i>For Single Layer Of Felt Finish, Add</i>	1.25	
			<i>For Work In Restricted Working Space, Add</i>	3.09	
22 07 19 00-0128	LF	4"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.70	3.98
			<i>For Single Layer Of Felt Finish, Add</i>	1.45	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
22 07 19 00-0129	LF	6"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.34	4.53
			<i>For Single Layer Of Felt Finish, Add</i>	1.68	
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 07 19 00-0130	LF	8"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.64	4.89
			<i>For Single Layer Of Felt Finish, Add</i>	2.61	
			<i>For Work In Restricted Working Space, Add</i>	4.13	
22 07 19 00-0131	LF	10"	Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	46.36	5.81
			<i>For Single Layer Of Felt Finish, Add</i>	3.20	
			<i>For Work In Restricted Working Space, Add</i>	4.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0132 LF 12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	52.20	7.22
<i>For Single Layer Of Felt Finish, Add</i>	3.41	
<i>For Work In Restricted Working Space, Add</i>	5.92	
22 07 19 00-0133 LF 14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	59.26	7.89
<i>For Single Layer Of Felt Finish, Add</i>	3.96	
<i>For Work In Restricted Working Space, Add</i>	6.47	
22 07 19 00-0134 LF 16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	69.11	10.10
<i>For Single Layer Of Felt Finish, Add</i>	4.36	
<i>For Work In Restricted Working Space, Add</i>	8.27	
22 07 19 00-0135 LF 18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	74.46	10.58
<i>For Single Layer Of Felt Finish, Add</i>	4.79	
<i>For Work In Restricted Working Space, Add</i>	8.66	
22 07 19 00-0136 LF 20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	83.31	12.12
<i>For Single Layer Of Felt Finish, Add</i>	5.28	
<i>For Work In Restricted Working Space, Add</i>	9.92	
22 07 19 00-0137 LF 24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	99.06	14.62
<i>For Single Layer Of Felt Finish, Add</i>	6.21	
<i>For Work In Restricted Working Space, Add</i>	11.98	
<b>22 07 19 00-0138 Foamglas Pipe Insulation, Rigid, Closed Cell</b> <small>(22 07 19)</small>		
Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
<b>22 07 19 00-0139 1" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0138)</small>		
22 07 19 00-0140 LF 1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	11.81	2.99
<i>For Work In Restricted Working Space, Add</i>	2.71	
22 07 19 00-0141 LF 3/4" Diameter Pipe, 1" Thick Foamglas Insulation .....	12.52	2.99
<i>For Work In Restricted Working Space, Add</i>	2.71	
22 07 19 00-0142 LF 1" Diameter Pipe, 1" Thick Foamglas Insulation .....	13.36	3.03
<i>For Work In Restricted Working Space, Add</i>	2.75	
22 07 19 00-0143 LF 1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation .....	13.73	3.07
<i>For Work In Restricted Working Space, Add</i>	2.79	
22 07 19 00-0144 LF 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	14.34	3.12
<i>For Work In Restricted Working Space, Add</i>	2.83	
22 07 19 00-0145 LF 2" Diameter Pipe, 1" Thick Foamglas Insulation .....	15.50	3.20
<i>For Work In Restricted Working Space, Add</i>	2.91	
22 07 19 00-0146 LF 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	16.90	3.33
<i>For Work In Restricted Working Space, Add</i>	3.03	
22 07 19 00-0147 LF 3" Diameter Pipe, 1" Thick Foamglas Insulation .....	18.54	3.42
<i>For Work In Restricted Working Space, Add</i>	3.11	
22 07 19 00-0148 LF 4" Diameter Pipe, 1" Thick Foamglas Insulation .....	21.93	3.67
<i>For Work In Restricted Working Space, Add</i>	3.35	
22 07 19 00-0149 LF 6" Diameter Pipe, 1" Thick Foamglas Insulation .....	28.88	4.15
<i>For Work In Restricted Working Space, Add</i>	3.77	
<b>22 07 19 00-0150 1-1/2" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0138)</small>		
22 07 19 00-0151 LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	16.74	3.91
<i>For Work In Restricted Working Space, Add</i>	3.55	
22 07 19 00-0152 LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	17.18	3.91
<i>For Work In Restricted Working Space, Add</i>	3.55	
22 07 19 00-0153 LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	17.63	3.91
<i>For Work In Restricted Working Space, Add</i>	3.55	
22 07 19 00-0154 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	18.35	4.04
<i>For Work In Restricted Working Space, Add</i>	3.67	
22 07 19 00-0155 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	19.04	4.18
<i>For Work In Restricted Working Space, Add</i>	3.80	
22 07 19 00-0156 LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	20.88	4.33
<i>For Work In Restricted Working Space, Add</i>	3.94	
22 07 19 00-0157 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	23.97	4.49
<i>For Work In Restricted Working Space, Add</i>	4.08	
22 07 19 00-0158 LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	26.87	4.66
<i>For Work In Restricted Working Space, Add</i>	4.24	
22 07 19 00-0159 LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	30.32	4.84
<i>For Work In Restricted Working Space, Add</i>	4.40	
22 07 19 00-0160 LF 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	34.83	5.14
<i>For Work In Restricted Working Space, Add</i>	4.67	
22 07 19 00-0161 LF 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	38.15	5.45
<i>For Work In Restricted Working Space, Add</i>	4.96	
22 07 19 00-0162 LF 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	47.10	6.41
<i>For Work In Restricted Working Space, Add</i>	5.82	
22 07 19 00-0163 LF 12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	53.84	7.45
<i>For Work In Restricted Working Space, Add</i>	6.77	
22 07 19 00-0164 LF 14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	58.95	7.70
<i>For Work In Restricted Working Space, Add</i>	7.00	
22 07 19 00-0165 LF 16" Diameter Pipe, 2" Thick Foamglas Insulation .....	64.66	8.61
<i>For Work In Restricted Working Space, Add</i>	7.82	
22 07 19 00-0166 LF 18" Diameter Pipe, 2" Thick Foamglas Insulation .....	72.50	10.17
<i>For Work In Restricted Working Space, Add</i>	9.25	
22 07 19 00-0167 LF 20" Diameter Pipe, 2" Thick Foamglas Insulation .....	81.19	11.26
<i>For Work In Restricted Working Space, Add</i>	10.25	

**22 Plumbing**  
**22 07 Plumbing Insulation**  
**22 07 19 Plumbing Piping Insulation**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0168	LF		24" Diameter Pipe, 2" Thick Fiberglass Insulation ..... <i>For Work In Restricted Working Space, Add</i>	104.30 11.35	12.48
<b>22 07 19 00-0169</b>			<b>2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)</b>		
22 07 19 00-0170	LF		1/2" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	16.75 3.11	3.42
22 07 19 00-0171	LF		3/4" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.44 3.11	3.42
22 07 19 00-0172	LF		1" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	18.24 3.14	3.46
22 07 19 00-0173	LF		1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.47 3.19	3.50
22 07 19 00-0174	LF		1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.70 3.23	3.55
22 07 19 00-0175	LF		2" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	23.68 3.35	3.67
22 07 19 00-0176	LF		2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	24.93 3.46	3.81
22 07 19 00-0177	LF		3" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	27.03 3.58	3.94
22 07 19 00-0178	LF		4" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	30.95 3.77	4.16
22 07 19 00-0179	LF		6" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	37.50 4.29	4.72
22 07 19 00-0180	LF		8" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	41.72 4.78	5.27
22 07 19 00-0181	LF		10" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	51.40 5.51	6.06
22 07 19 00-0182	LF		12" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	63.63 6.85	7.54
22 07 19 00-0183	LF		14" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	67.65 7.48	8.23
22 07 19 00-0184	LF		16" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	78.49 9.56	10.51
22 07 19 00-0185	LF		18" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	86.37 10.04	11.05
22 07 19 00-0186	LF		20" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	94.78 11.48	12.62
22 07 19 00-0187	LF		24" Diameter Pipe, 2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	119.98 13.86	15.25
<b>22 07 19 00-0188</b>			<b>2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)</b>		
22 07 19 00-0189	LF		1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	21.18 3.37	3.70
22 07 19 00-0190	LF		3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	22.36 3.37	3.70
22 07 19 00-0191	LF		1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	23.73 3.42	3.76
22 07 19 00-0192	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	24.99 3.45	3.79
22 07 19 00-0193	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	26.27 3.47	3.82
22 07 19 00-0194	LF		2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	28.38 3.62	3.98
22 07 19 00-0195	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	30.42 3.74	4.12
22 07 19 00-0196	LF		3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	33.45 3.88	4.26
22 07 19 00-0197	LF		4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	38.01 4.08	4.49
22 07 19 00-0198	LF		6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	45.96 4.64	5.11
22 07 19 00-0199	LF		8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	51.21 5.18	5.70
22 07 19 00-0200	LF		10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	58.30 5.97	6.57
22 07 19 00-0201	LF		12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	72.62 7.42	8.16
22 07 19 00-0202	LF		14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	74.95 8.10	8.91
22 07 19 00-0203	LF		16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	86.69 10.35	11.39
22 07 19 00-0204	LF		18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	95.07 10.87	11.96
22 07 19 00-0205	LF		20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	109.47 12.42	13.66
22 07 19 00-0206	LF		24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation ..... <i>For Work In Restricted Working Space, Add</i>	138.28 15.01	16.52
<b>22 07 19 00-0207</b>			<b>3" Thick Foamglas Pipe Insulation (22 07 19 00-0138)</b>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0208 LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation .....	26.64	3.95
<i>For Work In Restricted Working Space, Add</i>	3.59	
22 07 19 00-0209 LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation .....	27.34	3.95
<i>For Work In Restricted Working Space, Add</i>	3.59	
22 07 19 00-0210 LF 1" Diameter Pipe, 3" Thick Foamglas Insulation .....	28.25	4.01
<i>For Work In Restricted Working Space, Add</i>	3.64	
22 07 19 00-0211 LF 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation .....	29.04	4.04
<i>For Work In Restricted Working Space, Add</i>	3.67	
22 07 19 00-0212 LF 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation .....	29.85	4.07
<i>For Work In Restricted Working Space, Add</i>	3.70	
22 07 19 00-0213 LF 2" Diameter Pipe, 3" Thick Foamglas Insulation .....	32.36	4.24
<i>For Work In Restricted Working Space, Add</i>	3.85	
22 07 19 00-0214 LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation .....	34.77	4.38
<i>For Work In Restricted Working Space, Add</i>	3.98	
22 07 19 00-0215 LF 3" Diameter Pipe, 3" Thick Foamglas Insulation .....	40.36	4.53
<i>For Work In Restricted Working Space, Add</i>	4.12	
22 07 19 00-0216 LF 4" Diameter Pipe, 3" Thick Foamglas Insulation .....	46.84	4.78
<i>For Work In Restricted Working Space, Add</i>	4.34	
22 07 19 00-0217 LF 6" Diameter Pipe, 3" Thick Foamglas Insulation .....	50.91	5.43
<i>For Work In Restricted Working Space, Add</i>	4.94	
22 07 19 00-0218 LF 8" Diameter Pipe, 3" Thick Foamglas Insulation .....	57.64	6.05
<i>For Work In Restricted Working Space, Add</i>	5.51	
22 07 19 00-0219 LF 10" Diameter Pipe, 3" Thick Foamglas Insulation .....	69.25	6.99
<i>For Work In Restricted Working Space, Add</i>	6.35	
22 07 19 00-0220 LF 12" Diameter Pipe, 3" Thick Foamglas Insulation .....	79.33	8.68
<i>For Work In Restricted Working Space, Add</i>	7.90	
22 07 19 00-0221 LF 14" Diameter Pipe, 3" Thick Foamglas Insulation .....	84.57	9.47
<i>For Work In Restricted Working Space, Add</i>	8.62	
22 07 19 00-0222 LF 16" Diameter Pipe, 3" Thick Foamglas Insulation .....	99.39	12.12
<i>For Work In Restricted Working Space, Add</i>	11.01	
22 07 19 00-0223 LF 18" Diameter Pipe, 3" Thick Foamglas Insulation .....	106.89	12.72
<i>For Work In Restricted Working Space, Add</i>	11.57	
22 07 19 00-0224 LF 20" Diameter Pipe, 3" Thick Foamglas Insulation .....	125.99	14.54
<i>For Work In Restricted Working Space, Add</i>	13.22	
22 07 19 00-0225 LF 24" Diameter Pipe, 3" Thick Foamglas Insulation .....	154.44	17.57
<i>For Work In Restricted Working Space, Add</i>	15.97	
<b>22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0138)</small>		
22 07 19 00-0227 LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	32.01	4.78
<i>For Work In Restricted Working Space, Add</i>	4.34	
22 07 19 00-0228 LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	32.90	4.78
<i>For Work In Restricted Working Space, Add</i>	4.34	
22 07 19 00-0229 LF 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	33.89	4.81
<i>For Work In Restricted Working Space, Add</i>	4.37	
22 07 19 00-0230 LF 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	34.86	4.84
<i>For Work In Restricted Working Space, Add</i>	4.40	
22 07 19 00-0231 LF 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	35.94	4.90
<i>For Work In Restricted Working Space, Add</i>	4.46	
22 07 19 00-0232 LF 2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	40.20	5.08
<i>For Work In Restricted Working Space, Add</i>	4.61	
22 07 19 00-0233 LF 2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	44.46	5.25
<i>For Work In Restricted Working Space, Add</i>	4.77	
22 07 19 00-0234 LF 3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	47.20	5.43
<i>For Work In Restricted Working Space, Add</i>	4.94	
22 07 19 00-0235 LF 4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	50.70	5.74
<i>For Work In Restricted Working Space, Add</i>	5.22	
22 07 19 00-0236 LF 6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	58.54	6.52
<i>For Work In Restricted Working Space, Add</i>	5.93	
22 07 19 00-0237 LF 8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	66.87	7.27
<i>For Work In Restricted Working Space, Add</i>	6.60	
22 07 19 00-0238 LF 10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	80.60	8.39
<i>For Work In Restricted Working Space, Add</i>	7.62	
22 07 19 00-0239 LF 12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	94.19	10.42
<i>For Work In Restricted Working Space, Add</i>	9.47	
22 07 19 00-0240 LF 14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	97.24	11.37
<i>For Work In Restricted Working Space, Add</i>	10.34	
22 07 19 00-0241 LF 16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	114.73	14.54
<i>For Work In Restricted Working Space, Add</i>	13.22	
22 07 19 00-0242 LF 18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	127.55	15.27
<i>For Work In Restricted Working Space, Add</i>	13.88	
22 07 19 00-0243 LF 20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	145.06	17.46
<i>For Work In Restricted Working Space, Add</i>	15.87	
22 07 19 00-0244 LF 24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation .....	178.86	21.08
<i>For Work In Restricted Working Space, Add</i>	19.16	
<b>22 07 19 00-0245 4" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0138)</small>		
22 07 19 00-0246 LF 1/2" Diameter Pipe, 4" Thick Foamglas Insulation .....	38.88	5.87
<i>For Work In Restricted Working Space, Add</i>	5.34	
22 07 19 00-0247 LF 3/4" Diameter Pipe, 4" Thick Foamglas Insulation .....	40.02	5.87
<i>For Work In Restricted Working Space, Add</i>	5.34	
22 07 19 00-0248 LF 1" Diameter Pipe, 4" Thick Foamglas Insulation .....	41.47	5.97
<i>For Work In Restricted Working Space, Add</i>	5.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0249	LF		1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation .....	42.82	6.04
			<i>For Work In Restricted Working Space, Add</i>	5.49	
22 07 19 00-0250	LF		1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation .....	44.55	6.24
			<i>For Work In Restricted Working Space, Add</i>	5.67	
22 07 19 00-0251	LF		2" Diameter Pipe, 4" Thick Foamglas Insulation .....	48.75	6.43
			<i>For Work In Restricted Working Space, Add</i>	5.84	
22 07 19 00-0252	LF		2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation .....	52.66	6.53
			<i>For Work In Restricted Working Space, Add</i>	5.93	
22 07 19 00-0253	LF		3" Diameter Pipe, 4" Thick Foamglas Insulation .....	55.45	6.77
			<i>For Work In Restricted Working Space, Add</i>	6.15	
22 07 19 00-0254	LF		4" Diameter Pipe, 4" Thick Foamglas Insulation .....	60.30	7.55
			<i>For Work In Restricted Working Space, Add</i>	6.86	
22 07 19 00-0255	LF		6" Diameter Pipe, 4" Thick Foamglas Insulation .....	71.03	8.10
			<i>For Work In Restricted Working Space, Add</i>	7.37	
22 07 19 00-0256	LF		8" Diameter Pipe, 4" Thick Foamglas Insulation .....	80.95	8.79
			<i>For Work In Restricted Working Space, Add</i>	7.99	
22 07 19 00-0257	LF		10" Diameter Pipe, 4" Thick Foamglas Insulation .....	91.94	10.44
			<i>For Work In Restricted Working Space, Add</i>	9.49	
22 07 19 00-0258	LF		12" Diameter Pipe, 4" Thick Foamglas Insulation .....	105.84	12.97
			<i>For Work In Restricted Working Space, Add</i>	11.78	
22 07 19 00-0259	LF		14" Diameter Pipe, 4" Thick Foamglas Insulation .....	114.94	14.16
			<i>For Work In Restricted Working Space, Add</i>	12.87	
22 07 19 00-0260	LF		16" Diameter Pipe, 4" Thick Foamglas Insulation .....	133.78	18.10
			<i>For Work In Restricted Working Space, Add</i>	16.46	
22 07 19 00-0261	LF		18" Diameter Pipe, 4" Thick Foamglas Insulation .....	151.24	18.97
			<i>For Work In Restricted Working Space, Add</i>	17.25	
22 07 19 00-0262	LF		20" Diameter Pipe, 4" Thick Foamglas Insulation .....	168.62	21.71
			<i>For Work In Restricted Working Space, Add</i>	19.74	
22 07 19 00-0263	LF		24" Diameter Pipe, 4" Thick Foamglas Insulation .....	216.56	26.24
			<i>For Work In Restricted Working Space, Add</i>	23.85	
<b>22 07 19 00-0264</b>			<b>Flexible Polyethylene Tubing Closed Cell Foam Insulation</b> <small>(22 07 19)</small>		
			Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
<b>22 07 19 00-0265</b>			<b>3/8" Wall Flexible Polyethylene Tubing Foam Insulation</b> <small>(22 07 19 00-0264)</small>		
22 07 19 00-0266	LF		1/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	3.85	1.83
			<i>For Work In Restricted Working Space, Add</i>	1.10	
22 07 19 00-0267	LF		1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	3.86	1.83
			<i>For Work In Restricted Working Space, Add</i>	1.10	
22 07 19 00-0268	LF		3/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	3.87	1.83
			<i>For Work In Restricted Working Space, Add</i>	1.10	
22 07 19 00-0269	LF		1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.03	1.90
			<i>For Work In Restricted Working Space, Add</i>	1.14	
22 07 19 00-0270	LF		3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.20	1.96
			<i>For Work In Restricted Working Space, Add</i>	1.18	
22 07 19 00-0271	LF		1" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.34	2.00
			<i>For Work In Restricted Working Space, Add</i>	1.20	
22 07 19 00-0272	LF		1-1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.49	2.03
			<i>For Work In Restricted Working Space, Add</i>	1.22	
22 07 19 00-0273	LF		1-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.56	2.03
			<i>For Work In Restricted Working Space, Add</i>	1.22	
22 07 19 00-0274	LF		2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.73	2.03
			<i>For Work In Restricted Working Space, Add</i>	1.23	
22 07 19 00-0275	LF		2-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	5.09	2.09
			<i>For Work In Restricted Working Space, Add</i>	1.26	
22 07 19 00-0276	LF		3" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	5.24	2.12
			<i>For Work In Restricted Working Space, Add</i>	1.28	
<b>22 07 19 00-0277</b>			<b>1/2" Wall Flexible Polyethylene Tubing Foam Insulation</b> <small>(22 07 19 00-0264)</small>		
22 07 19 00-0278	LF		1/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.27	2.00
			<i>For Work In Restricted Working Space, Add</i>	1.20	
22 07 19 00-0279	LF		1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.29	2.00
			<i>For Work In Restricted Working Space, Add</i>	1.20	
22 07 19 00-0280	LF		3/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.33	2.00
			<i>For Work In Restricted Working Space, Add</i>	1.21	
22 07 19 00-0281	LF		1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.40	2.03
			<i>For Work In Restricted Working Space, Add</i>	1.22	
22 07 19 00-0282	LF		3/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.47	2.03
			<i>For Work In Restricted Working Space, Add</i>	1.22	
22 07 19 00-0283	LF		1" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.68	2.09
			<i>For Work In Restricted Working Space, Add</i>	1.25	
22 07 19 00-0284	LF		1-1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	4.52	2.12
			<i>For Work In Restricted Working Space, Add</i>	1.17	
22 07 19 00-0285	LF		1-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	5.05	2.15
			<i>For Work In Restricted Working Space, Add</i>	1.29	
22 07 19 00-0286	LF		2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	5.28	2.18
			<i>For Work In Restricted Working Space, Add</i>	1.31	
22 07 19 00-0287	LF		2-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	5.69	2.25
			<i>For Work In Restricted Working Space, Add</i>	1.35	
22 07 19 00-0288	LF		3" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	6.10	2.28
			<i>For Work In Restricted Working Space, Add</i>	1.37	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0289 LF 3-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.49 1.39	2.31
22 07 19 00-0290 LF 4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.73 1.41	2.34
<b>22 07 19 00-0291 3/4" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0264)</b>		
22 07 19 00-0292 LF 1/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.72 1.29	2.15
22 07 19 00-0293 LF 1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.75 1.29	2.15
22 07 19 00-0294 LF 3/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.81 1.31	2.18
22 07 19 00-0295 LF 1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.10 1.35	2.25
22 07 19 00-0296 LF 3/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.22 1.37	2.28
22 07 19 00-0297 LF 1" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.57 1.41	2.34
22 07 19 00-0298 LF 1-1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.91 1.43	2.38
22 07 19 00-0299 LF 1-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.07 1.43	2.38
22 07 19 00-0300 LF 2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.69 1.45	2.41
22 07 19 00-0301 LF 2-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.56 1.49	2.47
22 07 19 00-0302 LF 3" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.62 1.50	2.51
22 07 19 00-0303 LF 3-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.24 1.52	2.54
22 07 19 00-0304 LF 4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.50 1.54	2.57
<b>22 07 19 00-0305 1" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0264)</b>		
22 07 19 00-0306 LF 1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.38 1.43	2.38
22 07 19 00-0307 LF 3/8" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.51 1.45	2.41
22 07 19 00-0308 LF 1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.91 1.49	2.47
22 07 19 00-0309 LF 3/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.03 1.50	2.51
22 07 19 00-0310 LF 1" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.62 1.54	2.57
22 07 19 00-0311 LF 1-1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.92 1.58	2.63
22 07 19 00-0312 LF 1-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.04 1.60	2.63
22 07 19 00-0313 LF 2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.60 1.62	2.69
22 07 19 00-0314 LF 2-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.01 1.66	2.76
22 07 19 00-0315 LF 3" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.36 1.68	2.80
<b>22 07 19 00-0316 Flexible Elastomeric Tubing Closed Cell Foam Insulation (22 07 19)</b> Note: No additional LF for fittings required.		
<b>22 07 19 00-0317 3/8" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0316)</b>		
22 07 19 00-0318 LF 1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	3.90 1.10	1.83
22 07 19 00-0319 LF 3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	3.95 1.10	1.83
22 07 19 00-0320 LF 1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.09 1.14	1.90
22 07 19 00-0321 LF 5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.14 1.16	1.93
22 07 19 00-0322 LF 3/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.28 1.18	1.96
22 07 19 00-0323 LF 7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.31 1.19	1.96
22 07 19 00-0324 LF 1" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.38 1.20	2.00
22 07 19 00-0325 LF 1-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.41 1.21	2.00
22 07 19 00-0326 LF 1-1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.53 1.22	2.03
22 07 19 00-0327 LF 1-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.61 1.22	2.03
22 07 19 00-0328 LF 2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.80 1.23	2.03

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22 07 19 00-0329	LF		2-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.91 <i>For Work In Restricted Working Space, Add</i> 1.24	4.91	2.06
22 07 19 00-0330	LF		2-3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.05 <i>For Work In Restricted Working Space, Add</i> 1.25	5.05	2.09
22 07 19 00-0331	LF		2-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.17 <i>For Work In Restricted Working Space, Add</i> 1.26	5.17	2.09
22 07 19 00-0332	LF		2-7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.25 <i>For Work In Restricted Working Space, Add</i> 1.27	5.25	2.12
22 07 19 00-0333	LF		3-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.37 <i>For Work In Restricted Working Space, Add</i> 1.28	5.37	2.12
22 07 19 00-0334	LF		3-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.63 <i>For Work In Restricted Working Space, Add</i> 1.29	5.63	2.15
22 07 19 00-0335	LF		4-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.93 <i>For Work In Restricted Working Space, Add</i> 1.31	5.93	2.18
22 07 19 00-0336	LF		4-1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.25 <i>For Work In Restricted Working Space, Add</i> 1.32	6.25	2.20
<b>22 07 19 00-0337</b>			<b>1/2" Wall Flexible Elastomeric Tubing Foam Insulation</b> <small>(22 07 19 00-0316)</small>		
22 07 19 00-0338	LF		1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.35 <i>For Work In Restricted Working Space, Add</i> 1.20	4.35	2.00
22 07 19 00-0339	LF		3/8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.42 <i>For Work In Restricted Working Space, Add</i> 1.21	4.42	2.00
22 07 19 00-0340	LF		1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.50 <i>For Work In Restricted Working Space, Add</i> 1.22	4.50	2.03
22 07 19 00-0341	LF		3/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.58 <i>For Work In Restricted Working Space, Add</i> 1.22	4.58	2.03
22 07 19 00-0342	LF		1" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.73 <i>For Work In Restricted Working Space, Add</i> 1.25	4.73	2.09
22 07 19 00-0343	LF		1-1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.88 <i>For Work In Restricted Working Space, Add</i> 1.27	4.88	2.12
22 07 19 00-0344	LF		1-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.09 <i>For Work In Restricted Working Space, Add</i> 1.29	5.09	2.15
22 07 19 00-0345	LF		2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.36 <i>For Work In Restricted Working Space, Add</i> 1.31	5.36	2.18
22 07 19 00-0346	LF		2-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.76 <i>For Work In Restricted Working Space, Add</i> 1.35	5.76	2.25
22 07 19 00-0347	LF		3" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.94 <i>For Work In Restricted Working Space, Add</i> 1.37	5.94	2.28
22 07 19 00-0348	LF		3-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.53 <i>For Work In Restricted Working Space, Add</i> 1.39	6.53	2.31
22 07 19 00-0349	LF		4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.74 <i>For Work In Restricted Working Space, Add</i> 1.41	6.74	2.34
22 07 19 00-0350	LF		5" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....7.55 <i>For Work In Restricted Working Space, Add</i> 1.43	7.55	2.38
22 07 19 00-0351	LF		6" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....8.08 <i>For Work In Restricted Working Space, Add</i> 1.46	8.08	2.44
22 07 19 00-0352	LF		8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....9.57 <i>For Work In Restricted Working Space, Add</i> 1.50	9.57	2.51
<b>22 07 19 00-0353</b>			<b>3/4" Wall Flexible Elastomeric Tubing Foam Insulation</b> <small>(22 07 19 00-0316)</small>		
22 07 19 00-0354	LF		1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.88 <i>For Work In Restricted Working Space, Add</i> 1.29	4.88	2.15
22 07 19 00-0355	LF		3/8" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....4.99 <i>For Work In Restricted Working Space, Add</i> 1.31	4.99	2.18
22 07 19 00-0356	LF		1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.24 <i>For Work In Restricted Working Space, Add</i> 1.35	5.24	2.25
22 07 19 00-0357	LF		3/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.46 <i>For Work In Restricted Working Space, Add</i> 1.37	5.46	2.28
22 07 19 00-0358	LF		1" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....5.72 <i>For Work In Restricted Working Space, Add</i> 1.41	5.72	2.34
22 07 19 00-0359	LF		1-1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.14 <i>For Work In Restricted Working Space, Add</i> 1.43	6.14	2.38
22 07 19 00-0360	LF		1-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.39 <i>For Work In Restricted Working Space, Add</i> 1.45	6.39	2.41
22 07 19 00-0361	LF		2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....6.67 <i>For Work In Restricted Working Space, Add</i> 1.45	6.67	2.41
22 07 19 00-0362	LF		2-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....7.41 <i>For Work In Restricted Working Space, Add</i> 1.49	7.41	2.47
22 07 19 00-0363	LF		3" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....7.81 <i>For Work In Restricted Working Space, Add</i> 1.50	7.81	2.51
22 07 19 00-0364	LF		3-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....8.38 <i>For Work In Restricted Working Space, Add</i> 1.52	8.38	2.54
22 07 19 00-0365	LF		4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....8.66 <i>For Work In Restricted Working Space, Add</i> 1.54	8.66	2.57
22 07 19 00-0366	LF		5" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....8.83 <i>For Work In Restricted Working Space, Add</i> 0.78	8.83	3.06
22 07 19 00-0367	LF		6" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation .....10.38 <i>For Work In Restricted Working Space, Add</i> 1.58	10.38	2.63
22 07 19 00-0368	LF		8" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation .....11.57 <i>For Work In Restricted Working Space, Add</i> 1.62	11.57	2.69



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 07 19 00-0369</b> <b>1" Wall Flexible Elastomeric Tubing Foam Insulation</b> <small>(22 07 19 00-0316)</small>		
22 07 19 00-0370    LF    3/8" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	6.17	2.41
For Work In Restricted Working Space, Add	1.45	
22 07 19 00-0371    LF    1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	6.38	2.47
For Work In Restricted Working Space, Add	1.49	
22 07 19 00-0372    LF    3/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	6.76	2.51
For Work In Restricted Working Space, Add	1.50	
22 07 19 00-0373    LF    1" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.17	2.57
For Work In Restricted Working Space, Add	1.54	
22 07 19 00-0374    LF    1-1/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.57	2.63
For Work In Restricted Working Space, Add	1.58	
22 07 19 00-0375    LF    1-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.99	2.63
For Work In Restricted Working Space, Add	1.60	
22 07 19 00-0376    LF    2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.97	2.69
For Work In Restricted Working Space, Add	1.62	
22 07 19 00-0377    LF    2-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.18	2.76
For Work In Restricted Working Space, Add	1.66	
22 07 19 00-0378    LF    3" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.75	2.80
For Work In Restricted Working Space, Add	1.68	
22 07 19 00-0379    LF    3-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.98	2.83
For Work In Restricted Working Space, Add	1.70	
22 07 19 00-0380    LF    4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.56	2.90
For Work In Restricted Working Space, Add	1.73	
22 07 19 00-0381    LF    5" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.83	2.96
For Work In Restricted Working Space, Add	1.77	
22 07 19 00-0382    LF    6" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	15.15	3.03
For Work In Restricted Working Space, Add	1.81	
<b>22 07 19 00-0383</b> <b>Flexible Polyolefin Tubing Closed Cell Foam Insulation</b> <small>(22 07 19)</small>		
Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No additional LF for fittings required.		
<b>22 07 19 00-0384</b> <b>3/8" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-0383)</small>		
22 07 19 00-0385    LF    1/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	3.92	1.83
For Work In Restricted Working Space, Add	1.10	
22 07 19 00-0386    LF    1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	3.94	1.83
For Work In Restricted Working Space, Add	1.10	
22 07 19 00-0387    LF    3/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	3.98	1.83
For Work In Restricted Working Space, Add	1.10	
22 07 19 00-0388    LF    1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.13	1.90
For Work In Restricted Working Space, Add	1.14	
22 07 19 00-0389    LF    3/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.32	1.96
For Work In Restricted Working Space, Add	1.18	
22 07 19 00-0390    LF    1" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.43	2.00
For Work In Restricted Working Space, Add	1.20	
22 07 19 00-0391    LF    1-1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.62	2.03
For Work In Restricted Working Space, Add	1.22	
22 07 19 00-0392    LF    1-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.76	2.03
For Work In Restricted Working Space, Add	1.22	
22 07 19 00-0393    LF    2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.87	2.09
For Work In Restricted Working Space, Add	1.23	
22 07 19 00-0394    LF    2-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.34	2.09
For Work In Restricted Working Space, Add	1.26	
22 07 19 00-0395    LF    3" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.75	2.12
For Work In Restricted Working Space, Add	1.28	
22 07 19 00-0396    LF    4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.82	2.18
For Work In Restricted Working Space, Add	1.31	
<b>22 07 19 00-0397</b> <b>1/2" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-0383)</small>		
22 07 19 00-0398    LF    1/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.39	2.00
For Work In Restricted Working Space, Add	1.20	
22 07 19 00-0399    LF    1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.42	2.00
For Work In Restricted Working Space, Add	1.20	
22 07 19 00-0400    LF    3/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.46	2.00
For Work In Restricted Working Space, Add	1.21	
22 07 19 00-0401    LF    1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.54	2.03
For Work In Restricted Working Space, Add	1.22	
22 07 19 00-0402    LF    3/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.66	2.03
For Work In Restricted Working Space, Add	1.22	
22 07 19 00-0403    LF    1" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	4.81	2.09
For Work In Restricted Working Space, Add	1.25	
22 07 19 00-0404    LF    1-1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.02	2.12
For Work In Restricted Working Space, Add	1.27	
22 07 19 00-0405    LF    1-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.25	2.15
For Work In Restricted Working Space, Add	1.29	
22 07 19 00-0406    LF    2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.47	2.18
For Work In Restricted Working Space, Add	1.31	
22 07 19 00-0407    LF    2-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.98	2.25
For Work In Restricted Working Space, Add	1.35	
22 07 19 00-0408    LF    3" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.42	2.28
For Work In Restricted Working Space, Add	1.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0409	LF		4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.26 1.41	2.34
<b>22 07 19 00-0410</b>			<b>3/4" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0383)</b>		
22 07 19 00-0411	LF		1/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.91 1.29	2.15
22 07 19 00-0412	LF		1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	4.95 1.29	2.15
22 07 19 00-0413	LF		3/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.11 1.31	2.18
22 07 19 00-0414	LF		1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.32 1.35	2.25
22 07 19 00-0415	LF		3/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.61 1.37	2.28
22 07 19 00-0416	LF		1" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.91 1.41	2.34
22 07 19 00-0417	LF		1-1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.39 1.43	2.38
22 07 19 00-0418	LF		1-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.71 1.43	2.38
22 07 19 00-0419	LF		2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.08 1.45	2.41
22 07 19 00-0420	LF		2-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.79 1.49	2.47
22 07 19 00-0421	LF		3" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.43 1.50	2.51
22 07 19 00-0422	LF		4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	9.65 1.54	2.57
<b>22 07 19 00-0423</b>			<b>1" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0383)</b>		
22 07 19 00-0424	LF		1/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.84 1.43	2.38
22 07 19 00-0425	LF		1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.87 1.43	2.38
22 07 19 00-0426	LF		3/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	5.96 1.45	2.41
22 07 19 00-0427	LF		1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.17 1.49	2.47
22 07 19 00-0428	LF		3/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.60 1.50	2.51
22 07 19 00-0429	LF		1" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	6.97 1.54	2.57
22 07 19 00-0430	LF		1-1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.35 1.58	2.63
22 07 19 00-0431	LF		1-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	7.72 1.60	2.63
22 07 19 00-0432	LF		2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.53 1.62	2.69
22 07 19 00-0433	LF		2-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	9.61 1.66	2.76
22 07 19 00-0434	LF		3" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	10.37 1.68	2.80
<b>22 07 19 00-0435</b>			<b>Insulation Protective Jacketing (22 07 19)</b> Note: Jacketing only and must be added to insulation prices.		
<b>22 07 19 00-0436</b>			<b>Aluminum Insulation Protective Jacketing With Bands (22 07 19 00-0435)</b>		
22 07 19 00-0437	SF		0.006" Aluminum Insulation Jacket With Bands Fire Retardant .....	9.25	3.92
22 07 19 00-0438	SF		0.010" Aluminum Insulation Jacket With Bands Fire Retardant .....	9.42	3.92
22 07 19 00-0439	SF		0.016" Aluminum Insulation Jacket With Bands Fire Retardant .....	9.58	3.92
22 07 19 00-0440	SF		0.020" Aluminum Insulation Jacket With Bands Fire Retardant .....	9.73	3.92
22 07 19 00-0441	SF		0.024" Aluminum Insulation Jacket With Bands Fire Retardant .....	9.87	3.92
<b>22 07 19 00-0442</b>			<b>Stainless Steel Insulation Protective Jacketing With Bands (22 07 19 00-0435)</b>		
22 07 19 00-0443	SF		0.016" Stainless Steel Insulation Jacket With Bands Fire Retardant .....	14.99	5.51
22 07 19 00-0444	SF		0.010" Stainless Steel Insulation Jacket With Bands Fire Retardant .....	12.10	4.59
<b>22 07 19 00-0445</b>			<b>Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0435)</b>		
<b>22 07 19 00-0446</b>			<b>20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0445)</b>		
22 07 19 00-0447	LF		1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	3.89	0.92
22 07 19 00-0448	LF		2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	4.15	0.95
22 07 19 00-0449	LF		2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	4.35	0.98
22 07 19 00-0450	LF		3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	4.61	1.04
22 07 19 00-0451	LF		3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	4.87	1.07
22 07 19 00-0452	LF		4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	5.12	1.10
22 07 19 00-0453	LF		4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	5.38	1.16
22 07 19 00-0454	LF		5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	5.70	1.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0455 LF 5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.03	1.28
22 07 19 00-0456 LF 6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.41	1.34
22 07 19 00-0457 LF 6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.61	1.40
22 07 19 00-0458 LF 7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.87	1.43
22 07 19 00-0459 LF 7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.17	1.50
22 07 19 00-0460 LF 8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.31	1.51
22 07 19 00-0461 LF 8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.52	1.54
22 07 19 00-0462 LF 9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.72	1.57
22 07 19 00-0463 LF 10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.12	1.53
22 07 19 00-0464 LF 11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.57	1.72
22 07 19 00-0465 LF 12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.03	1.79
<b>22 07 19 00-0466 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0445)</b>		
22 07 19 00-0467 LF 2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	4.32	0.95
22 07 19 00-0468 LF 2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	4.56	0.98
22 07 19 00-0469 LF 3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	4.87	1.03
22 07 19 00-0470 LF 3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	5.16	1.07
22 07 19 00-0471 LF 4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	5.45	1.12
22 07 19 00-0472 LF 4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	5.75	1.16
22 07 19 00-0473 LF 5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.10	1.22
22 07 19 00-0474 LF 5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.47	1.28
22 07 19 00-0475 LF 6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.89	1.37
22 07 19 00-0476 LF 6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.13	1.39
22 07 19 00-0477 LF 7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.41	1.43
22 07 19 00-0478 LF 7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.77	1.50
22 07 19 00-0479 LF 8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.95	1.51
22 07 19 00-0480 LF 8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.19	1.54
22 07 19 00-0481 LF 9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.44	1.57
22 07 19 00-0482 LF 10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.90	1.63
22 07 19 00-0483 LF 11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.43	1.72
22 07 19 00-0484 LF 12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.96	1.79
<b>22 07 19 00-0485 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-0445)</b>		
22 07 19 00-0486 EA 1-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	7.82	1.84
22 07 19 00-0487 EA 2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	8.17	1.88
22 07 19 00-0488 EA 2-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	8.55	1.95
22 07 19 00-0489 EA 3" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	9.03	2.04
22 07 19 00-0490 EA 3-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	9.71	1.99
22 07 19 00-0491 EA 4" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	10.31	2.22
22 07 19 00-0492 EA 4-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	11.03	2.32
22 07 19 00-0493 EA 5" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	11.81	2.45
22 07 19 00-0494 EA 5-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	12.98	2.57
22 07 19 00-0495 EA 6" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	15.45	2.72
22 07 19 00-0496 EA 6-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	15.73	2.82
22 07 19 00-0497 EA 7" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	17.54	2.88
22 07 19 00-0498 EA 7-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	18.05	2.96
22 07 19 00-0499 EA 8" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	19.31	3.02
22 07 19 00-0500 EA 8-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	20.42	3.06
22 07 19 00-0501 EA 9" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	23.63	3.18
22 07 19 00-0502 EA 10" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	25.39	3.30
22 07 19 00-0503 EA 11" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	27.66	3.44
22 07 19 00-0504 EA 12" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	32.34	3.59
22 07 19 00-0505 EA 1-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	11.22	2.55
22 07 19 00-0506 EA 2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	11.66	2.63
22 07 19 00-0507 EA 2-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	12.50	2.78
22 07 19 00-0508 EA 3" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	13.54	2.99
22 07 19 00-0509 EA 3-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	15.27	3.23
22 07 19 00-0510 EA 4" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	15.87	3.35
22 07 19 00-0511 EA 4-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	17.11	3.50
22 07 19 00-0512 EA 5" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	18.32	3.65
22 07 19 00-0513 EA 5-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	20.46	3.88
22 07 19 00-0514 EA 6" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	22.80	4.09
22 07 19 00-0515 EA 6-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	24.56	4.15
22 07 19 00-0516 EA 7" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	30.16	4.30
22 07 19 00-0517 EA 7-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	32.28	4.53
22 07 19 00-0518 EA 8" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	34.24	4.62
22 07 19 00-0519 EA 8-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	36.14	4.71
22 07 19 00-0520 EA 9" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	38.15	4.83
22 07 19 00-0521 EA 10" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	40.99	5.10
22 07 19 00-0522 EA 11" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	43.69	5.20
22 07 19 00-0523 EA 12" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	46.43	5.33
<b>22 07 19 00-0524 Insulation Foam Rubber (22 07 19)</b>		
<b>22 07 19 00-0525 Covering 4x6 Sheet (22 07 19 00-0524)</b>		
22 07 19 00-0526 SF 1" Thick Foam Rubber Sheet Insulation.....	12.33	4.35

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

## 22 10 Plumbing Piping <sup>(22)</sup>

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

### 22 11 Facility Water Distribution <sup>(22 10)</sup>

#### 22 11 16 Domestic Water Piping <sup>(22 11)</sup>

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

#### 22 11 16 00-0001 Galvanized Steel Pipe Assemblies <sup>(22 11 16)</sup>

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	10.42	2.48
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.33	
		For Work In Restricted Working Space, Add	2.47	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	2.63	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	11.30	2.66
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.39	
		For Work In Restricted Working Space, Add	2.61	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	2.91	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	12.52	2.92
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.48	
		For Work In Restricted Working Space, Add	2.79	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.31	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	14.50	3.04
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.69	
		For Work In Restricted Working Space, Add	2.96	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	4.06	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	15.38	3.59
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.76	
		For Work In Restricted Working Space, Add	3.09	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	4.35	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	18.18	4.34
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-0.97	
		For Work In Restricted Working Space, Add	3.51	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	5.25	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	24.95	5.14
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-1.68	
		For Work In Restricted Working Space, Add	4.12	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	7.80	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	30.82	6.88
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-2.13	
		For Work In Restricted Working Space, Add	4.99	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	9.71	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	42.33	7.38
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-3.76	
		For Work In Restricted Working Space, Add	5.17	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	14.74	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	70.40	9.43
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-7.44	
		For Work In Restricted Working Space, Add	6.25	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	26.47	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....	37.03	11.16
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	-2.01	
		For Work In Restricted Working Space, Add	7.10	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	10.75	

#### 22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings <sup>(22 11 16)</sup>

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 16 00-0014 Threaded And Coupled, Galvanized Steel Piping</b> <small>(22 11 16 00-0013)</small>		
<i>Note: ASTM A-53. Includes coupling.</i>		
22 11 16 00-0015 LF 1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	4.71	2.48
<i>For ASTM 120, Deduct</i>	-0.14	
<i>For Work In Restricted Working Space, Add</i>	1.13	
<i>For Schedule 80 Pipe, Add</i>	0.84	
22 11 16 00-0016 LF 3/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	5.26	2.66
<i>For ASTM 120, Deduct</i>	-0.19	
<i>For Work In Restricted Working Space, Add</i>	1.20	
<i>For Schedule 80 Pipe, Add</i>	1.01	
22 11 16 00-0017 LF 1" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	6.23	2.92
<i>For ASTM 120, Deduct</i>	-0.28	
<i>For Work In Restricted Working Space, Add</i>	1.30	
<i>For Schedule 80 Pipe, Add</i>	1.34	
22 11 16 00-0018 LF 1-1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	7.15	3.04
<i>For ASTM 120, Deduct</i>	-0.38	
<i>For Work In Restricted Working Space, Add</i>	1.38	
<i>For Schedule 80 Pipe, Add</i>	1.69	
22 11 16 00-0019 LF 1-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	8.45	3.59
<i>For ASTM 120, Deduct</i>	-0.46	
<i>For Work In Restricted Working Space, Add</i>	1.62	
<i>For Schedule 80 Pipe, Add</i>	2.01	
22 11 16 00-0020 LF 2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	10.64	4.34
<i>For ASTM 120, Deduct</i>	-0.62	
<i>For Work In Restricted Working Space, Add</i>	1.96	
<i>For Schedule 80 Pipe, Add</i>	2.63	
22 11 16 00-0021 LF 2-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	14.27	5.14
<i>For ASTM 120, Deduct</i>	-0.98	
<i>For Work In Restricted Working Space, Add</i>	2.33	
<i>For Schedule 80 Pipe, Add</i>	3.90	
22 11 16 00-0022 LF 3" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	18.86	6.88
<i>For ASTM 120, Deduct</i>	-1.28	
<i>For Work In Restricted Working Space, Add</i>	3.10	
<i>For Schedule 80 Pipe, Add</i>	5.13	
22 11 16 00-0023 LF 4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	23.25	7.38
<i>For ASTM 120, Deduct</i>	-1.82	
<i>For Work In Restricted Working Space, Add</i>	3.33	
<i>For Schedule 80 Pipe, Add</i>	6.94	
22 11 16 00-0024 LF 5" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	30.42	9.43
<i>For ASTM 120, Deduct</i>	-2.44	
<i>For Work In Restricted Working Space, Add</i>	4.24	
<i>For Schedule 80 Pipe, Add</i>	9.23	
22 11 16 00-0025 LF 6" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	37.85	11.16
<i>For ASTM 120, Deduct</i>	-3.17	
<i>For Work In Restricted Working Space, Add</i>	5.01	
<i>For Schedule 80 Pipe, Add</i>	11.82	
<b>22 11 16 00-0026 Galvanized Malleable Iron 90 Degree Elbows</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0027 EA 1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	18.14	11.03
<i>For 300 LB Rating, Add</i>	6.50	
<i>For ASTM 120, Deduct</i>	-0.24	
<i>For Work In Restricted Working Space, Add</i>	4.96	
22 11 16 00-0028 EA 3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	20.47	12.33
<i>For 300 LB Rating, Add</i>	7.84	
<i>For ASTM 120, Deduct</i>	-0.30	
<i>For Work In Restricted Working Space, Add</i>	5.55	
22 11 16 00-0029 EA 1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	24.33	13.76
<i>For 300 LB Rating, Add</i>	13.75	
<i>For ASTM 120, Deduct</i>	-0.55	
<i>For Work In Restricted Working Space, Add</i>	6.20	
22 11 16 00-0030 EA 1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	29.19	15.62
<i>For 300 LB Rating, Add</i>	21.16	
<i>For ASTM 120, Deduct</i>	-0.87	
<i>For Work In Restricted Working Space, Add</i>	7.01	
22 11 16 00-0031 EA 1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	33.95	17.59
<i>For 300 LB Rating, Add</i>	27.35	
<i>For ASTM 120, Deduct</i>	-1.14	
<i>For Work In Restricted Working Space, Add</i>	7.91	
22 11 16 00-0032 EA 2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	45.91	22.37
<i>For 300 LB Rating, Add</i>	44.24	
<i>For ASTM 120, Deduct</i>	-1.86	
<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0033 EA 2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	82.07	33.09
<i>For 300 LB Rating, Add</i>	113.47	
<i>For ASTM 120, Deduct</i>	-4.88	
<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0034 EA 3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	118.80	43.50
<i>For 300 LB Rating, Add</i>	186.09	
<i>For ASTM 120, Deduct</i>	-8.04	
<i>For Work In Restricted Working Space, Add</i>	19.57	
22 11 16 00-0035 EA 4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow .....	159.23	43.16
<i>For 300 LB Rating, Add</i>	325.18	
<i>For ASTM 120, Deduct</i>	-14.18	
<i>For Work In Restricted Working Space, Add</i>	19.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0036	EA	5"	150 LB, Galvanized Malleable Iron 90 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	475.67 1,391.66 -61.22 20.27	45.05
22 11 16 00-0037	EA	6"	150 LB, Galvanized Malleable Iron 90 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	446.85 1,283.45 -56.44 21.18	47.10
<b>22 11 16 00-0038</b>			<b>Galvanized Malleable Iron Reducing 90 Degree Elbows</b> (22 11 16 00-0013)		
22 11 16 00-0039	EA	3/4" x 1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	20.96 -0.52 5.25	11.65
22 11 16 00-0040	EA	1" x 3/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	24.00 -0.66 5.87	13.07
22 11 16 00-0041	EA	1" x 1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	23.29 -0.71 5.58	12.39
22 11 16 00-0042	EA	1-1/4" x 1"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.44 -1.11 6.60	14.69
22 11 16 00-0043	EA	1-1/4" x 3/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.85 -1.34 6.28	13.94
22 11 16 00-0044	EA	1-1/4" x 1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.40 -1.42 5.99	13.33
22 11 16 00-0045	EA	1-1/2" x 1-1/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	36.74 -1.78 7.46	16.60
22 11 16 00-0046	EA	1-1/2" x 1"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	35.37 -1.78 7.05	15.68
22 11 16 00-0047	EA	1-1/2" x 3/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	34.30 -1.78 6.73	14.93
22 11 16 00-0048	EA	2" x 1-1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	43.80 -2.08 8.98	19.95
22 11 16 00-0049	EA	2" x 1-1/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	44.34 -2.39 8.53	18.96
22 11 16 00-0050	EA	2" x 1"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	43.57 -2.48 8.12	18.03
22 11 16 00-0051	EA	2" x 3/4"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	38.51 -1.88 7.80	17.35
22 11 16 00-0052	EA	2-1/2" x 2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	88.54 -7.05 12.46	27.69
22 11 16 00-0053	EA	2-1/2" x 1-1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	90.34 -7.86 11.39	25.34
22 11 16 00-0054	EA	3" x 2-1/2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	142.83 -12.82 17.22	38.29
22 11 16 00-0055	EA	3" x 2"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	123.56 -11.13 14.81	32.90
22 11 16 00-0056	EA	4" x 3"	150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	254.90 -29.00 18.47	41.06
<b>22 11 16 00-0057</b>			<b>Galvanized Malleable Iron 45 Degree Elbow</b> (22 11 16 00-0013)		
22 11 16 00-0058	EA	1/2"	150 LB, Galvanized Malleable Iron 45 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	19.08 9.70 -0.38 4.96	11.03
22 11 16 00-0059	EA	3/4"	150 LB, Galvanized Malleable Iron 45 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.17 13.62 -0.55 5.55	12.33
22 11 16 00-0060	EA	1"	150 LB, Galvanized Malleable Iron 45 Degree Elbow..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	24.80 15.35 -0.62 6.20	13.76
22 11 16 00-0061	EA	1-1/4"	150 LB, Galvanized Malleable Iron 45 Degree Elbow ..... <i>For 300 LB Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	31.13 27.75 -1.16 7.01	15.62





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0062	EA		1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	35.48	17.59
			<i>For 300 LB Rating, Add</i>	32.56	
			<i>For ASTM 120, Deduct</i>	-1.37	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 11 16 00-0063	EA		2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	46.97	22.37
			<i>For 300 LB Rating, Add</i>	47.84	
			<i>For ASTM 120, Deduct</i>	-2.02	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0064	EA		2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	96.46	33.09
			<i>For 300 LB Rating, Add</i>	162.40	
			<i>For ASTM 120, Deduct</i>	-7.03	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0065	EA		3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	133.42	43.50
			<i>For 300 LB Rating, Add</i>	235.79	
			<i>For ASTM 120, Deduct</i>	-10.23	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
22 11 16 00-0066	EA		4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	179.06	43.16
			<i>For 300 LB Rating, Add</i>	392.61	
			<i>For ASTM 120, Deduct</i>	-17.15	
			<i>For Work In Restricted Working Space, Add</i>	19.42	
22 11 16 00-0067	EA		5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	529.54	45.05
			<i>For 300 LB Rating, Add</i>	1,574.82	
			<i>For ASTM 120, Deduct</i>	-69.30	
			<i>For Work In Restricted Working Space, Add</i>	20.27	
22 11 16 00-0068	EA		6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow .....	627.67	47.10
			<i>For 300 LB Rating, Add</i>	1,898.24	
			<i>For ASTM 120, Deduct</i>	-83.56	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
<b>22 11 16 00-0069</b>			<b>Galvanized Malleable Iron Tees</b> (22 11 16 00-0013)		
22 11 16 00-0070	EA		1/2", 150 LB, Galvanized Malleable Iron Tee .....	22.74	13.76
			<i>For 300 LB Rating, Add</i>	8.35	
			<i>For ASTM 120, Deduct</i>	-0.31	
			<i>For Work In Restricted Working Space, Add</i>	6.20	
22 11 16 00-0071	EA		3/4", 150 LB, Galvanized Malleable Iron Tee .....	27.28	15.92
			<i>For 300 LB Rating, Add</i>	13.16	
			<i>For ASTM 120, Deduct</i>	-0.52	
			<i>For Work In Restricted Working Space, Add</i>	7.15	
22 11 16 00-0072	EA		1", 150 LB, Galvanized Malleable Iron Tee .....	33.75	18.77
			<i>For 300 LB Rating, Add</i>	20.66	
			<i>For ASTM 120, Deduct</i>	-0.84	
			<i>For Work In Restricted Working Space, Add</i>	8.45	
22 11 16 00-0073	EA		1-1/4", 150 LB, Galvanized Malleable Iron Tee .....	42.35	22.37
			<i>For 300 LB Rating, Add</i>	32.13	
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0074	EA		1-1/2", 150 LB, Galvanized Malleable Iron Tee .....	50.99	26.64
			<i>For 300 LB Rating, Add</i>	39.83	
			<i>For ASTM 120, Deduct</i>	-1.65	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
22 11 16 00-0075	EA		2", 150 LB, Galvanized Malleable Iron Tee .....	67.46	33.09
			<i>For 300 LB Rating, Add</i>	63.80	
			<i>For ASTM 120, Deduct</i>	-2.68	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0076	EA		2-1/2", 150 LB, Galvanized Malleable Iron Tee .....	104.25	35.93
			<i>For 300 LB Rating, Add</i>	174.49	
			<i>For ASTM 120, Deduct</i>	-7.56	
			<i>For Work In Restricted Working Space, Add</i>	16.16	
22 11 16 00-0077	EA		3", 150 LB, Galvanized Malleable Iron Tee .....	124.29	43.50
			<i>For 300 LB Rating, Add</i>	204.75	
			<i>For ASTM 120, Deduct</i>	-8.86	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
22 11 16 00-0078	EA		4", 150 LB, Galvanized Malleable Iron Tee .....	221.51	54.54
			<i>For 300 LB Rating, Add</i>	480.02	
			<i>For ASTM 120, Deduct</i>	-20.96	
			<i>For Work In Restricted Working Space, Add</i>	24.53	
22 11 16 00-0079	EA		5", 150 LB, Galvanized Malleable Iron Tee .....	536.37	64.75
			<i>For 300 LB Rating, Add</i>	1,499.34	
			<i>For ASTM 120, Deduct</i>	-65.89	
			<i>For Work In Restricted Working Space, Add</i>	29.13	
22 11 16 00-0080	EA		6", 150 LB, Galvanized Malleable Iron Tee .....	609.19	74.02
			<i>For 300 LB Rating, Add</i>	1,700.64	
			<i>For ASTM 120, Deduct</i>	-74.73	
			<i>For Work In Restricted Working Space, Add</i>	33.29	
<b>22 11 16 00-0081</b>			<b>Galvanized Malleable Iron Reducing Tee</b> (22 11 16 00-0013)		
22 11 16 00-0082	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Tee .....	25.51	13.76
			<i>For 300 LB Rating, Add</i>	17.76	
			<i>For ASTM 120, Deduct</i>	-0.73	
			<i>For Work In Restricted Working Space, Add</i>	6.20	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	28.63	15.92
			<i>For 300 LB Rating, Add</i>	17.75	
			<i>For ASTM 120, Deduct</i>	-0.72	
			<i>For Work In Restricted Working Space, Add</i>	7.15	
22 11 16 00-0084	EA		1", 150 LB, Galvanized Malleable Iron Reducing Tee.....	34.91	18.77
			<i>For 300 LB Rating, Add</i>	24.61	
			<i>For ASTM 120, Deduct</i>	-1.01	
			<i>For Work In Restricted Working Space, Add</i>	8.45	
22 11 16 00-0085	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	43.94	22.37
			<i>For 300 LB Rating, Add</i>	37.54	
			<i>For ASTM 120, Deduct</i>	-1.57	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0086	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	52.89	26.64
			<i>For 300 LB Rating, Add</i>	46.29	
			<i>For ASTM 120, Deduct</i>	-1.94	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
22 11 16 00-0087	EA		2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	68.42	33.09
			<i>For 300 LB Rating, Add</i>	67.06	
			<i>For ASTM 120, Deduct</i>	-2.83	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0088	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	120.63	36.06
			<i>For 300 LB Rating, Add</i>	229.62	
			<i>For ASTM 120, Deduct</i>	-9.99	
			<i>For Work In Restricted Working Space, Add</i>	16.22	
22 11 16 00-0089	EA		3", 150 LB, Galvanized Malleable Iron Reducing Tee.....	152.61	44.18
			<i>For 300 LB Rating, Add</i>	297.57	
			<i>For ASTM 120, Deduct</i>	-12.95	
			<i>For Work In Restricted Working Space, Add</i>	19.88	
22 11 16 00-0090	EA		4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	332.07	54.54
			<i>For 300 LB Rating, Add</i>	855.93	
			<i>For ASTM 120, Deduct</i>	-37.55	
			<i>For Work In Restricted Working Space, Add</i>	24.53	
22 11 16 00-0091	EA		5", 150 LB, Galvanized Malleable Iron Reducing Tee.....	677.68	64.75
			<i>For 300 LB Rating, Add</i>	1,979.80	
			<i>For ASTM 120, Deduct</i>	-87.09	
			<i>For Work In Restricted Working Space, Add</i>	29.13	
22 11 16 00-0092	EA		6", 150 LB, Galvanized Malleable Iron Reducing Tee.....	769.47	74.02
			<i>For 300 LB Rating, Add</i>	2,245.59	
			<i>For ASTM 120, Deduct</i>	-98.78	
			<i>For Work In Restricted Working Space, Add</i>	33.29	
22 11 16 00-0093			<b>Galvanized Malleable Iron Couplings</b> (22 11 16 00-0013)		
22 11 16 00-0094	EA		1/2", 150 LB, Galvanized Malleable Iron Coupling.....	18.89	11.03
			<i>For 300 LB Rating, Add</i>	9.05	
			<i>For ASTM 120, Deduct</i>	-0.36	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
22 11 16 00-0095	EA		3/4", 150 LB, Galvanized Malleable Iron Coupling.....	21.22	12.33
			<i>For 300 LB Rating, Add</i>	10.39	
			<i>For ASTM 120, Deduct</i>	-0.41	
			<i>For Work In Restricted Working Space, Add</i>	5.55	
22 11 16 00-0096	EA		1", 150 LB, Galvanized Malleable Iron Coupling.....	25.12	13.76
			<i>For 300 LB Rating, Add</i>	16.44	
			<i>For ASTM 120, Deduct</i>	-0.67	
			<i>For Work In Restricted Working Space, Add</i>	6.20	
22 11 16 00-0097	EA		1-1/4", 150 LB, Galvanized Malleable Iron Coupling.....	29.68	15.62
			<i>For 300 LB Rating, Add</i>	22.82	
			<i>For ASTM 120, Deduct</i>	-0.95	
			<i>For Work In Restricted Working Space, Add</i>	7.01	
22 11 16 00-0098	EA		1-1/2", 150 LB, Galvanized Malleable Iron Coupling.....	33.53	17.59
			<i>For 300 LB Rating, Add</i>	25.93	
			<i>For ASTM 120, Deduct</i>	-1.07	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 11 16 00-0099	EA		2", 150 LB, Galvanized Malleable Iron Coupling.....	43.97	22.37
			<i>For 300 LB Rating, Add</i>	37.64	
			<i>For ASTM 120, Deduct</i>	-1.57	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0100	EA		2-1/2", 150 LB, Galvanized Malleable Iron Coupling.....	81.64	33.09
			<i>For 300 LB Rating, Add</i>	112.01	
			<i>For ASTM 120, Deduct</i>	-4.81	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0101	EA		3", 150 LB, Galvanized Malleable Iron Coupling.....	108.08	43.50
			<i>For 300 LB Rating, Add</i>	149.64	
			<i>For ASTM 120, Deduct</i>	-6.43	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
22 11 16 00-0102	EA		4", 150 LB, Galvanized Malleable Iron Coupling.....	155.75	43.16
			<i>For 300 LB Rating, Add</i>	313.35	
			<i>For ASTM 120, Deduct</i>	-13.65	
			<i>For Work In Restricted Working Space, Add</i>	19.42	
22 11 16 00-0103	EA		5", 150 LB, Galvanized Malleable Iron Coupling.....	323.85	45.05
			<i>For 300 LB Rating, Add</i>	875.47	
			<i>For ASTM 120, Deduct</i>	-38.45	
			<i>For Work In Restricted Working Space, Add</i>	20.27	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0104	EA		6", 150 LB, Galvanized Malleable Iron Coupling.....	362.60	47.10
			<i>For 300 LB Rating, Add</i>	997.00	
			<i>For ASTM 120, Deduct</i>	-43.80	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
<b>22 11 16 00-0105 Galvanized Malleable Iron Reducing Couplings</b> <small>(22 11 16 00-0013)</small>					
22 11 16 00-0106	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	19.39	11.03
			<i>For 300 LB Rating, Add</i>	10.75	
			<i>For ASTM 120, Deduct</i>	-0.43	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
22 11 16 00-0107	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	21.56	12.33
			<i>For 300 LB Rating, Add</i>	11.55	
			<i>For ASTM 120, Deduct</i>	-0.46	
			<i>For Work In Restricted Working Space, Add</i>	5.55	
22 11 16 00-0108	EA		1", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	25.77	13.76
			<i>For 300 LB Rating, Add</i>	18.65	
			<i>For ASTM 120, Deduct</i>	-0.77	
			<i>For Work In Restricted Working Space, Add</i>	6.20	
22 11 16 00-0109	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling .....	30.00	15.62
			<i>For 300 LB Rating, Add</i>	23.91	
			<i>For ASTM 120, Deduct</i>	-0.99	
			<i>For Work In Restricted Working Space, Add</i>	7.01	
22 11 16 00-0110	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling .....	34.90	17.59
			<i>For 300 LB Rating, Add</i>	30.58	
			<i>For ASTM 120, Deduct</i>	-1.28	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 11 16 00-0111	EA		2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	45.13	22.37
			<i>For 300 LB Rating, Add</i>	41.59	
			<i>For ASTM 120, Deduct</i>	-1.75	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
22 11 16 00-0112	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling .....	82.04	33.09
			<i>For 300 LB Rating, Add</i>	113.37	
			<i>For ASTM 120, Deduct</i>	-4.87	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 11 16 00-0113	EA		3", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	106.86	43.50
			<i>For 300 LB Rating, Add</i>	145.49	
			<i>For ASTM 120, Deduct</i>	-6.25	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
22 11 16 00-0114	EA		4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	158.10	43.16
			<i>For 300 LB Rating, Add</i>	321.34	
			<i>For ASTM 120, Deduct</i>	-14.01	
			<i>For Work In Restricted Working Space, Add</i>	19.42	
22 11 16 00-0115	EA		5", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	337.34	45.05
			<i>For 300 LB Rating, Add</i>	921.34	
			<i>For ASTM 120, Deduct</i>	-40.47	
			<i>For Work In Restricted Working Space, Add</i>	20.27	
22 11 16 00-0116	EA		6", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	377.97	47.10
			<i>For 300 LB Rating, Add</i>	1,049.26	
			<i>For ASTM 120, Deduct</i>	-46.10	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
<b>22 11 16 00-0117 Galvanized Malleable Iron Caps</b> <small>(22 11 16 00-0013)</small>					
22 11 16 00-0118	EA		1/2", 150 LB, Galvanized Malleable Iron Cap .....	9.54	5.14
			<i>For 300 LB Rating, Add</i>	6.55	
			<i>For ASTM 120, Deduct</i>	-0.27	
			<i>For Work In Restricted Working Space, Add</i>	2.33	
22 11 16 00-0119	EA		3/4", 150 LB, Galvanized Malleable Iron Cap .....	10.74	5.52
			<i>For 300 LB Rating, Add</i>	8.93	
			<i>For ASTM 120, Deduct</i>	-0.37	
			<i>For Work In Restricted Working Space, Add</i>	2.48	
22 11 16 00-0120	EA		1", 150 LB, Galvanized Malleable Iron Cap .....	12.60	6.39
			<i>For 300 LB Rating, Add</i>	11.01	
			<i>For ASTM 120, Deduct</i>	-0.46	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
22 11 16 00-0121	EA		1-1/4", 150 LB, Galvanized Malleable Iron Cap .....	14.05	6.69
			<i>For 300 LB Rating, Add</i>	14.37	
			<i>For ASTM 120, Deduct</i>	-0.61	
			<i>For Work In Restricted Working Space, Add</i>	3.00	
22 11 16 00-0122	EA		1-1/2", 150 LB, Galvanized Malleable Iron Cap .....	15.18	6.69
			<i>For 300 LB Rating, Add</i>	18.21	
			<i>For ASTM 120, Deduct</i>	-0.78	
			<i>For Work In Restricted Working Space, Add</i>	3.00	
22 11 16 00-0123	EA		2", 150 LB, Galvanized Malleable Iron Cap .....	20.59	8.86
			<i>For 300 LB Rating, Add</i>	25.48	
			<i>For ASTM 120, Deduct</i>	-1.09	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
22 11 16 00-0124	EA		2-1/2", 150 LB, Galvanized Malleable Iron Cap .....	37.60	11.03
			<i>For 300 LB Rating, Add</i>	72.66	
			<i>For ASTM 120, Deduct</i>	-3.16	
			<i>For Work In Restricted Working Space, Add</i>	4.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0125 EA 3", 150 LB, Galvanized Malleable Iron Cap .....	45.53	13.33
For 300 LB Rating, Add	88.07	
For ASTM 120, Deduct	-3.83	
For Work In Restricted Working Space, Add	5.99	
22 11 16 00-0126 EA 4", 150 LB, Galvanized Malleable Iron Cap .....	78.64	14.82
For 300 LB Rating, Add	193.26	
For ASTM 120, Deduct	-8.47	
For Work In Restricted Working Space, Add	6.66	
22 11 16 00-0127 EA 5", 150 LB, Galvanized Malleable Iron Cap .....	179.20	18.53
For 300 LB Rating, Add	516.63	
For ASTM 120, Deduct	-22.72	
For Work In Restricted Working Space, Add	8.32	
22 11 16 00-0128 EA 6", 150 LB, Galvanized Malleable Iron Cap .....	224.48	22.03
For 300 LB Rating, Add	652.81	
For ASTM 120, Deduct	-28.71	
For Work In Restricted Working Space, Add	9.92	
<b>22 11 16 00-0129 Galvanized Malleable Iron Unions</b> (22 11 16 00-0013)		
22 11 16 00-0130 EA 1/2", 150 LB, Galvanized Malleable Iron Union .....	27.65	13.76
For Work In Restricted Working Space, Add	6.20	
22 11 16 00-0131 EA 3/4", 150 LB, Galvanized Malleable Iron Union .....	31.87	15.92
For Work In Restricted Working Space, Add	7.15	
22 11 16 00-0132 EA 1", 150 LB, Galvanized Malleable Iron Union .....	38.70	18.77
For Work In Restricted Working Space, Add	8.45	
22 11 16 00-0133 EA 1-1/4", 150 LB, Galvanized Malleable Iron Union .....	48.71	22.37
For Work In Restricted Working Space, Add	10.05	
22 11 16 00-0134 EA 1-1/2", 150 LB, Galvanized Malleable Iron Union .....	58.43	26.64
For Work In Restricted Working Space, Add	11.99	
22 11 16 00-0135 EA 2", 150 LB, Galvanized Malleable Iron Union .....	70.77	33.09
For Work In Restricted Working Space, Add	14.87	
22 11 16 00-0136 EA 2-1/2", 150 LB, Galvanized Malleable Iron Union .....	146.83	48.77
For Work In Restricted Working Space, Add	21.95	
22 11 16 00-0137 EA 3", 150 LB, Galvanized Malleable Iron Union .....	199.38	64.13
For Work In Restricted Working Space, Add	28.88	
22 11 16 00-0138 EA 1/2", 250 LB, Galvanized Malleable Iron Union .....	34.88	13.76
For Work In Restricted Working Space, Add	6.20	
22 11 16 00-0139 EA 3/4", 250 LB, Galvanized Malleable Iron Union .....	36.76	15.92
For Work In Restricted Working Space, Add	7.15	
22 11 16 00-0140 EA 1", 250 LB, Galvanized Malleable Iron Union .....	44.20	18.77
For Work In Restricted Working Space, Add	8.45	
22 11 16 00-0141 EA 1-1/4", 250 LB, Galvanized Malleable Iron Union .....	57.76	22.37
For Work In Restricted Working Space, Add	10.05	
22 11 16 00-0142 EA 1-1/2", 250 LB, Galvanized Malleable Iron Union .....	67.92	26.64
For Work In Restricted Working Space, Add	11.99	
22 11 16 00-0143 EA 2", 250 LB, Galvanized Malleable Iron Union .....	89.03	33.09
For Work In Restricted Working Space, Add	14.87	
22 11 16 00-0144 EA 2-1/2", 250 LB, Galvanized Malleable Iron Union .....	177.00	48.77
For Work In Restricted Working Space, Add	21.95	
22 11 16 00-0145 EA 3", 250 LB, Galvanized Malleable Iron Union .....	255.56	64.13
For Work In Restricted Working Space, Add	28.88	
22 11 16 00-0146 EA 4", 250 LB, Galvanized Malleable Iron Union .....	345.41	63.70
For Work In Restricted Working Space, Add	28.67	
22 11 16 00-0147 EA 1/2", 300 LB, Galvanized Malleable Iron Union .....	36.86	13.76
For Work In Restricted Working Space, Add	6.20	
22 11 16 00-0148 EA 3/4", 300 LB, Galvanized Malleable Iron Union .....	41.41	15.92
For Work In Restricted Working Space, Add	7.15	
22 11 16 00-0149 EA 1", 300 LB, Galvanized Malleable Iron Union .....	51.49	18.77
For Work In Restricted Working Space, Add	8.45	
22 11 16 00-0150 EA 1-1/4", 300 LB, Galvanized Malleable Iron Union .....	66.01	22.37
For Work In Restricted Working Space, Add	10.05	
22 11 16 00-0151 EA 1-1/2", 300 LB, Galvanized Malleable Iron Union .....	79.14	26.64
For Work In Restricted Working Space, Add	11.99	
22 11 16 00-0152 EA 2", 300 LB, Galvanized Malleable Iron Union .....	96.57	33.09
For Work In Restricted Working Space, Add	14.87	
22 11 16 00-0153 EA 2-1/2", 300 LB, Galvanized Malleable Iron Union .....	204.29	48.77
For Work In Restricted Working Space, Add	21.95	
22 11 16 00-0154 EA 3", 300 LB, Galvanized Malleable Iron Union .....	318.02	64.13
For Work In Restricted Working Space, Add	28.88	
22 11 16 00-0155 EA 4", 300 LB, Galvanized Malleable Iron Union .....	651.67	63.70
For Work In Restricted Working Space, Add	28.67	
<b>22 11 16 00-0156 Galvanized Steel Nipples</b> (22 11 16 00-0013)		
Note: ASTM A-53.		
22 11 16 00-0157 EA 3/8" x Close, Schedule 40 Galvanized Steel Nipple .....	9.62	5.88
For ASTM 120, Deduct	-0.12	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	0.88	
22 11 16 00-0158 EA 1/2" x Close, Schedule 40 Galvanized Steel Nipple .....	9.47	5.88
For ASTM 120, Deduct	-0.09	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	0.71	



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0159	EA		3/4" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.60 -0.11 2.66 0.86	5.88
22 11 16 00-0160	EA		1" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	10.57 -0.16 2.86 1.19	6.39
22 11 16 00-0161	EA		1-1/4" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.72 -0.21 3.10 1.58	6.88
22 11 16 00-0162	EA		1-1/2" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.96 -0.24 3.10 1.86	6.88
22 11 16 00-0163	EA		2" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.63 -0.35 4.00 2.62	8.86
22 11 16 00-0164	EA		2-1/2" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	23.36 -1.03 4.96 7.80	11.03
22 11 16 00-0165	EA		3" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	28.18 -1.23 5.99 9.35	13.33
22 11 16 00-0166	EA		4" x Close, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	34.48 -1.84 6.66 14.01	14.82
22 11 16 00-0167	EA		3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.73 -0.13 2.66 1.00	5.88
22 11 16 00-0168	EA		1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.50 -0.10 2.66 0.74	5.88
22 11 16 00-0169	EA		3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.67 -0.12 2.66 0.93	5.88
22 11 16 00-0170	EA		3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.73 -0.13 2.66 1.00	5.88
22 11 16 00-0171	EA		1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.50 -0.10 2.66 0.74	5.88
22 11 16 00-0172	EA		3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.67 -0.12 2.66 0.93	5.88
22 11 16 00-0173	EA		1" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	10.75 -0.18 2.86 1.39	6.39
22 11 16 00-0174	EA		1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.82 -0.22 3.10 1.70	6.88
22 11 16 00-0175	EA		1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.08 -0.26 3.10 2.00	6.88
22 11 16 00-0176	EA		3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	10.03 -0.18 2.66 1.35	5.88
22 11 16 00-0177	EA		1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.62 -0.12 2.66 0.88	5.88
22 11 16 00-0178	EA		3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	9.76 -0.14 2.66 1.04	5.88
22 11 16 00-0179	EA		1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple ..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	10.85 -0.20 2.86 1.50	6.39

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0180	EA		1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	11.97	6.88
			<i>For ASTM 120, Deduct</i>	-0.25	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	1.87	
22 11 16 00-0181	EA		1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	12.28	6.88
			<i>For ASTM 120, Deduct</i>	-0.29	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	2.22	
22 11 16 00-0182	EA		2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	15.92	8.86
			<i>For ASTM 120, Deduct</i>	-0.39	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	2.95	
22 11 16 00-0183	EA		3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	10.03	5.88
			<i>For ASTM 120, Deduct</i>	-0.18	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.35	
22 11 16 00-0184	EA		1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	9.62	5.88
			<i>For ASTM 120, Deduct</i>	-0.12	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	0.88	
22 11 16 00-0185	EA		3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	9.76	5.88
			<i>For ASTM 120, Deduct</i>	-0.14	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.04	
22 11 16 00-0186	EA		1" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	10.85	6.39
			<i>For ASTM 120, Deduct</i>	-0.20	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	1.50	
22 11 16 00-0187	EA		1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple .....	11.97	6.88
			<i>For ASTM 120, Deduct</i>	-0.25	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	1.87	
22 11 16 00-0188	EA		1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple .....	12.28	6.88
			<i>For ASTM 120, Deduct</i>	-0.29	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	2.22	
22 11 16 00-0189	EA		2" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	15.92	8.86
			<i>For ASTM 120, Deduct</i>	-0.39	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	2.95	
22 11 16 00-0190	EA		2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple .....	23.62	11.03
			<i>For ASTM 120, Deduct</i>	-1.07	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	8.09	
22 11 16 00-0191	EA		3" x 3" Long, Schedule 40 Galvanized Steel Nipple.....	29.31	13.33
			<i>For ASTM 120, Deduct</i>	-1.40	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	10.64	
22 11 16 00-0192	EA		3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	10.25	5.88
			<i>For ASTM 120, Deduct</i>	-0.21	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.60	
22 11 16 00-0193	EA		1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	9.80	5.88
			<i>For ASTM 120, Deduct</i>	-0.14	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.08	
22 11 16 00-0194	EA		3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	10.03	5.88
			<i>For ASTM 120, Deduct</i>	-0.18	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.35	
22 11 16 00-0195	EA		1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	11.12	6.39
			<i>For ASTM 120, Deduct</i>	-0.24	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	1.81	
22 11 16 00-0196	EA		1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	12.28	6.88
			<i>For ASTM 120, Deduct</i>	-0.29	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	2.22	
22 11 16 00-0197	EA		1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	12.80	6.88
			<i>For ASTM 120, Deduct</i>	-0.37	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	2.82	
22 11 16 00-0198	EA		2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	16.47	8.86
			<i>For ASTM 120, Deduct</i>	-0.47	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	3.58	
22 11 16 00-0199	EA		2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	24.76	11.03
			<i>For ASTM 120, Deduct</i>	-1.24	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	9.39	
22 11 16 00-0200	EA		3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	30.92	13.33
			<i>For ASTM 120, Deduct</i>	-1.64	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	12.47	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0201 EA 3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	10.25	5.88
For ASTM 120, Deduct	-0.21	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	1.60	
22 11 16 00-0202 EA 1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	9.80	5.88
For ASTM 120, Deduct	-0.14	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	1.08	
22 11 16 00-0203 EA 3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	10.25	5.88
For ASTM 120, Deduct	-0.21	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	1.60	
22 11 16 00-0204 EA 1" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	11.12	6.39
For ASTM 120, Deduct	-0.24	
For Work In Restricted Working Space, Add	2.86	
For Schedule 80 Nipples, Add	1.81	
22 11 16 00-0205 EA 1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	12.28	6.88
For ASTM 120, Deduct	-0.29	
For Work In Restricted Working Space, Add	3.10	
For Schedule 80 Nipples, Add	2.22	
22 11 16 00-0206 EA 1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	12.80	6.88
For ASTM 120, Deduct	-0.37	
For Work In Restricted Working Space, Add	3.10	
For Schedule 80 Nipples, Add	2.82	
22 11 16 00-0207 EA 2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	16.50	8.86
For ASTM 120, Deduct	-0.48	
For Work In Restricted Working Space, Add	4.00	
For Schedule 80 Nipples, Add	3.61	
22 11 16 00-0208 EA 2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	24.76	11.03
For ASTM 120, Deduct	-1.24	
For Work In Restricted Working Space, Add	4.96	
For Schedule 80 Nipples, Add	9.39	
22 11 16 00-0209 EA 3" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	30.92	13.33
For ASTM 120, Deduct	-1.64	
For Work In Restricted Working Space, Add	5.99	
For Schedule 80 Nipples, Add	12.47	
22 11 16 00-0210 EA 4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	36.88	14.82
For ASTM 120, Deduct	-2.20	
For Work In Restricted Working Space, Add	6.66	
For Schedule 80 Nipples, Add	16.75	
22 11 16 00-0211 EA 3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	10.77	5.88
For ASTM 120, Deduct	-0.29	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	2.19	
22 11 16 00-0212 EA 1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	9.99	5.88
For ASTM 120, Deduct	-0.17	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	1.30	
22 11 16 00-0213 EA 3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	10.25	5.88
For ASTM 120, Deduct	-0.21	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	1.60	
22 11 16 00-0214 EA 1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	11.48	6.39
For ASTM 120, Deduct	-0.29	
For Work In Restricted Working Space, Add	2.86	
For Schedule 80 Nipples, Add	2.22	
22 11 16 00-0215 EA 1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	12.74	6.88
For ASTM 120, Deduct	-0.36	
For Work In Restricted Working Space, Add	3.10	
For Schedule 80 Nipples, Add	2.75	
22 11 16 00-0216 EA 1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	13.31	6.88
For ASTM 120, Deduct	-0.45	
For Work In Restricted Working Space, Add	3.10	
For Schedule 80 Nipples, Add	3.40	
22 11 16 00-0217 EA 2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	17.34	8.86
For ASTM 120, Deduct	-0.60	
For Work In Restricted Working Space, Add	4.00	
For Schedule 80 Nipples, Add	4.57	
22 11 16 00-0218 EA 2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	25.71	11.03
For ASTM 120, Deduct	-1.38	
For Work In Restricted Working Space, Add	4.96	
For Schedule 80 Nipples, Add	10.48	
22 11 16 00-0219 EA 3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	32.73	13.33
For ASTM 120, Deduct	-1.91	
For Work In Restricted Working Space, Add	5.99	
For Schedule 80 Nipples, Add	14.54	
22 11 16 00-0220 EA 4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	38.66	14.82
For ASTM 120, Deduct	-2.47	
For Work In Restricted Working Space, Add	6.66	
For Schedule 80 Nipples, Add	18.78	
22 11 16 00-0221 EA 3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	10.77	5.88
For ASTM 120, Deduct	-0.29	
For Work In Restricted Working Space, Add	2.66	
For Schedule 80 Nipples, Add	2.19	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0222	EA		1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	9.99	5.88
			<i>For ASTM 120, Deduct</i>	-0.17	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.30	
22 11 16 00-0223	EA		3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	10.25	5.88
			<i>For ASTM 120, Deduct</i>	-0.21	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.60	
22 11 16 00-0224	EA		1" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	11.48	6.39
			<i>For ASTM 120, Deduct</i>	-0.29	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	2.22	
22 11 16 00-0225	EA		1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	12.74	6.88
			<i>For ASTM 120, Deduct</i>	-0.36	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	2.75	
22 11 16 00-0226	EA		1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	13.31	6.88
			<i>For ASTM 120, Deduct</i>	-0.45	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	3.40	
22 11 16 00-0227	EA		2" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	17.34	8.86
			<i>For ASTM 120, Deduct</i>	-0.60	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	4.57	
22 11 16 00-0228	EA		2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	25.71	11.03
			<i>For ASTM 120, Deduct</i>	-1.38	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	10.48	
22 11 16 00-0229	EA		3" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	32.73	13.33
			<i>For ASTM 120, Deduct</i>	-1.91	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	14.54	
22 11 16 00-0230	EA		4" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	38.66	14.82
			<i>For ASTM 120, Deduct</i>	-2.47	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Schedule 80 Nipples, Add</i>	18.78	
22 11 16 00-0231	EA		3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	10.99	5.88
			<i>For ASTM 120, Deduct</i>	-0.32	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	2.44	
22 11 16 00-0232	EA		1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	10.15	5.88
			<i>For ASTM 120, Deduct</i>	-0.20	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.48	
22 11 16 00-0233	EA		3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	10.53	5.88
			<i>For ASTM 120, Deduct</i>	-0.25	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	1.92	
22 11 16 00-0234	EA		1" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	11.74	6.39
			<i>For ASTM 120, Deduct</i>	-0.33	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	2.52	
22 11 16 00-0235	EA		1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	13.13	6.88
			<i>For ASTM 120, Deduct</i>	-0.42	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	3.19	
22 11 16 00-0236	EA		1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	13.68	6.88
			<i>For ASTM 120, Deduct</i>	-0.50	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	3.82	
22 11 16 00-0237	EA		2" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	17.99	8.86
			<i>For ASTM 120, Deduct</i>	-0.70	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	5.31	
22 11 16 00-0238	EA		2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	26.62	11.03
			<i>For ASTM 120, Deduct</i>	-1.52	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	11.51	
22 11 16 00-0239	EA		3" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	33.47	13.33
			<i>For ASTM 120, Deduct</i>	-2.02	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	15.38	
22 11 16 00-0240	EA		4" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	40.40	14.82
			<i>For ASTM 120, Deduct</i>	-2.73	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Schedule 80 Nipples, Add</i>	20.76	
22 11 16 00-0241	EA		3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple.....	17.39	5.88
			<i>For ASTM 120, Deduct</i>	-1.28	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	9.74	
22 11 16 00-0242	EA		1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple.....	11.13	5.88
			<i>For ASTM 120, Deduct</i>	-0.34	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	2.60	





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0243	EA		3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	11.77	5.88
			<i>For ASTM 120, Deduct</i>	-0.44	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	3.33	
22 11 16 00-0244	EA		1" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	13.23	6.39
			<i>For ASTM 120, Deduct</i>	-0.56	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	4.22	
22 11 16 00-0245	EA		1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	14.87	6.88
			<i>For ASTM 120, Deduct</i>	-0.68	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	5.18	
22 11 16 00-0246	EA		1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	15.53	6.88
			<i>For ASTM 120, Deduct</i>	-0.78	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	5.93	
22 11 16 00-0247	EA		2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	20.92	8.86
			<i>For ASTM 120, Deduct</i>	-1.14	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	8.65	
22 11 16 00-0248	EA		2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	29.52	11.03
			<i>For ASTM 120, Deduct</i>	-1.95	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	14.82	
22 11 16 00-0249	EA		3" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	38.15	13.33
			<i>For ASTM 120, Deduct</i>	-2.73	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	20.71	
22 11 16 00-0250	EA		4" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	43.92	14.82
			<i>For ASTM 120, Deduct</i>	-3.26	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Schedule 80 Nipples, Add</i>	24.77	
22 11 16 00-0251	EA		3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	12.93	5.88
			<i>For ASTM 120, Deduct</i>	-0.61	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	4.65	
22 11 16 00-0252	EA		1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	11.56	5.88
			<i>For ASTM 120, Deduct</i>	-0.41	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	3.09	
22 11 16 00-0253	EA		3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	12.09	5.88
			<i>For ASTM 120, Deduct</i>	-0.49	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	3.69	
22 11 16 00-0254	EA		1" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	13.76	6.39
			<i>For ASTM 120, Deduct</i>	-0.63	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	4.82	
22 11 16 00-0255	EA		1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	15.75	6.88
			<i>For ASTM 120, Deduct</i>	-0.81	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	6.18	
22 11 16 00-0256	EA		1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	16.40	6.88
			<i>For ASTM 120, Deduct</i>	-0.91	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	6.92	
22 11 16 00-0257	EA		2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	22.21	8.86
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	10.12	
22 11 16 00-0258	EA		2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	31.34	11.03
			<i>For ASTM 120, Deduct</i>	-2.22	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	16.89	
22 11 16 00-0259	EA		3" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	40.71	13.33
			<i>For ASTM 120, Deduct</i>	-3.11	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	23.63	
22 11 16 00-0260	EA		4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	47.38	14.82
			<i>For ASTM 120, Deduct</i>	-3.78	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Schedule 80 Nipples, Add</i>	28.72	
22 11 16 00-0261	EA		3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	13.37	5.88
			<i>For ASTM 120, Deduct</i>	-0.68	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	5.15	
22 11 16 00-0262	EA		1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	11.94	5.88
			<i>For ASTM 120, Deduct</i>	-0.46	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	3.52	
22 11 16 00-0263	EA		3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	12.48	5.88
			<i>For ASTM 120, Deduct</i>	-0.54	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
			<i>For Schedule 80 Nipples, Add</i>	4.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0264	EA		1" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	14.45	6.39
			<i>For ASTM 120, Deduct</i>	-0.74	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Schedule 80 Nipples, Add</i>	5.61	
22 11 16 00-0265	EA		1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	16.84	6.88
			<i>For ASTM 120, Deduct</i>	-0.98	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	7.42	
22 11 16 00-0266	EA		1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	17.27	6.88
			<i>For ASTM 120, Deduct</i>	-1.04	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Schedule 80 Nipples, Add</i>	7.91	
22 11 16 00-0267	EA		2" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	23.52	8.86
			<i>For ASTM 120, Deduct</i>	-1.53	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Schedule 80 Nipples, Add</i>	11.62	
22 11 16 00-0268	EA		2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	33.10	11.03
			<i>For ASTM 120, Deduct</i>	-2.49	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Schedule 80 Nipples, Add</i>	18.90	
22 11 16 00-0269	EA		3" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	43.29	13.33
			<i>For ASTM 120, Deduct</i>	-3.50	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Schedule 80 Nipples, Add</i>	26.57	
22 11 16 00-0270	EA		4" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	50.86	14.82
			<i>For ASTM 120, Deduct</i>	-4.30	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Schedule 80 Nipples, Add</i>	32.68	
<b>22 11 16 00-0271</b>			<b>Galvanized Malleable Iron Square Head Plugs (22 11 16 00-0013)</b>		
22 11 16 00-0272	EA		1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	9.49	4.40
			<i>For 300 LB Rating, Add</i>	10.19	
			<i>For Work In Restricted Working Space, Add</i>	1.98	
22 11 16 00-0273	EA		3/4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	10.27	4.95
			<i>For 300 LB Rating, Add</i>	10.24	
			<i>For Work In Restricted Working Space, Add</i>	2.22	
22 11 16 00-0274	EA		1", 150 LB, Galvanized Malleable Iron Square Head Plug.....	11.42	5.52
			<i>For 300 LB Rating, Add</i>	11.24	
			<i>For Work In Restricted Working Space, Add</i>	2.48	
22 11 16 00-0275	EA		1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	14.21	6.25
			<i>For 300 LB Rating, Add</i>	17.09	
			<i>For Work In Restricted Working Space, Add</i>	2.81	
22 11 16 00-0276	EA		1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	17.09	7.00
			<i>For 300 LB Rating, Add</i>	22.90	
			<i>For Work In Restricted Working Space, Add</i>	3.16	
22 11 16 00-0277	EA		2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	21.73	8.92
			<i>For 300 LB Rating, Add</i>	29.13	
			<i>For Work In Restricted Working Space, Add</i>	4.02	
22 11 16 00-0278	EA		2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug.....	36.07	13.20
			<i>For 300 LB Rating, Add</i>	56.44	
			<i>For Work In Restricted Working Space, Add</i>	5.95	
22 11 16 00-0279	EA		3", 150 LB, Galvanized Malleable Iron Square Head Plug.....	49.14	17.41
			<i>For 300 LB Rating, Add</i>	79.94	
			<i>For Work In Restricted Working Space, Add</i>	7.83	
22 11 16 00-0280	EA		4", 150 LB, Galvanized Malleable Iron Square Head Plug.....	73.75	17.25
			<i>For 300 LB Rating, Add</i>	164.28	
			<i>For Work In Restricted Working Space, Add</i>	7.77	
22 11 16 00-0281	EA		5", 150 LB, Galvanized Malleable Iron Square Head Plug.....	114.83	18.03
			<i>For 300 LB Rating, Add</i>	300.18	
			<i>For Work In Restricted Working Space, Add</i>	8.11	
22 11 16 00-0282	EA		6", 150 LB, Galvanized Malleable Iron Square Head Plug.....	123.18	18.81
			<i>For 300 LB Rating, Add</i>	324.46	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
<b>22 11 16 00-0283</b>			<b>Galvanized Malleable Iron Bushing (22 11 16 00-0013)</b>		
22 11 16 00-0284	EA		3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing.....	21.42	11.65
			<i>For Work In Restricted Working Space, Add</i>	5.25	
22 11 16 00-0285	EA		1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing.....	23.27	12.39
			<i>For Work In Restricted Working Space, Add</i>	5.58	
22 11 16 00-0286	EA		1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing.....	24.00	13.07
			<i>For Work In Restricted Working Space, Add</i>	5.87	
22 11 16 00-0287	EA		1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing.....	26.50	13.33
			<i>For Work In Restricted Working Space, Add</i>	5.99	
22 11 16 00-0288	EA		1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing.....	26.89	13.94
			<i>For Work In Restricted Working Space, Add</i>	6.28	
22 11 16 00-0289	EA		1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing.....	27.97	14.69
			<i>For Work In Restricted Working Space, Add</i>	6.60	
22 11 16 00-0290	EA		1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing.....	30.11	14.31
			<i>For Work In Restricted Working Space, Add</i>	6.44	
22 11 16 00-0291	EA		1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing.....	31.09	14.93
			<i>For Work In Restricted Working Space, Add</i>	6.73	
22 11 16 00-0292	EA		1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing.....	31.31	15.68
			<i>For Work In Restricted Working Space, Add</i>	7.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0293 EA 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	32.07 7.46	16.60
22 11 16 00-0294 EA 2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	35.82 7.50	16.67
22 11 16 00-0295 EA 2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	36.06 7.80	17.35
22 11 16 00-0296 EA 2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	36.58 8.12	18.03
22 11 16 00-0297 EA 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	37.95 8.53	18.96
22 11 16 00-0298 EA 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	38.27 8.98	19.95
22 11 16 00-0299 EA 2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	49.69 10.21	22.68
22 11 16 00-0300 EA 2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.77 10.54	23.42
22 11 16 00-0301 EA 2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	52.13 10.94	24.29
22 11 16 00-0302 EA 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	53.33 11.39	25.34
22 11 16 00-0303 EA 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	55.14 12.46	27.69
22 11 16 00-0304 EA 3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	62.53 12.56	27.88
22 11 16 00-0305 EA 3" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	63.59 12.88	28.63
22 11 16 00-0306 EA 3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	64.96 13.29	29.56
22 11 16 00-0307 EA 3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	66.05 13.74	30.55
22 11 16 00-0308 EA 3" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	67.72 14.81	32.90
22 11 16 00-0309 EA 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	76.82 17.22	38.29
22 11 16 00-0310 EA 4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	83.94 12.20	27.07
22 11 16 00-0311 EA 4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.91 12.49	27.74
22 11 16 00-0312 EA 4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	86.12 12.85	28.57
22 11 16 00-0313 EA 4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	87.46 13.25	29.46
22 11 16 00-0314 EA 4" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	85.55 14.21	31.57
22 11 16 00-0315 EA 4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	97.84 16.37	36.40
22 11 16 00-0316 EA 4" x 3", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	102.00 18.47	41.06
<b>22 11 16 00-0317 Galvanized Malleable Iron Floor Flange (22 11 16 00-0013)</b>		
22 11 16 00-0318 EA 1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	39.91	22.64
22 11 16 00-0319 EA 3/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	43.59	24.79
22 11 16 00-0320 EA 1", 150 LB, Galvanized Malleable Iron Floor Flange.....	50.35	28.00
22 11 16 00-0321 EA 1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	52.40	28.99
22 11 16 00-0322 EA 1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	57.03	31.54
22 11 16 00-0323 EA 2", 150 LB, Galvanized Malleable Iron Floor Flange.....	62.05	32.90
<b>22 11 16 00-0324 Galvanized Cast Iron Flanges (22 11 16 00-0013)</b>		
22 11 16 00-0325 EA 3/4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	87.25 11.15	24.79
22 11 16 00-0326 EA 1", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	80.78 12.60	28.00
22 11 16 00-0327 EA 1-1/4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	63.98 13.04	28.99
22 11 16 00-0328 EA 1-1/2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	92.84 14.19	31.54
22 11 16 00-0329 EA 2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	89.41 14.81	32.90
22 11 16 00-0330 EA 2-1/2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	103.95 17.13	38.10
22 11 16 00-0331 EA 3", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	198.98 21.74	48.33
22 11 16 00-0332 EA 4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	166.30 26.63	59.20
22 11 16 00-0333 EA 5", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	227.41 31.70	70.47
22 11 16 00-0334 EA 6", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	251.50 36.41	80.95

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0335			<b>Cut And Thread Existing In-Place Galvanized Steel Pipe</b> (22 11 16 00-0013) Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0336	EA		1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	20.19	
			<i>For Work In Restricted Working Space, Add</i>	6.06	
22 11 16 00-0337	EA		3/4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	22.21	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
22 11 16 00-0338	EA		1", Cut And Thread Existing In Place Galvanized Steel Pipe.....	24.23	
			<i>For Work In Restricted Working Space, Add</i>	7.27	
22 11 16 00-0339	EA		1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	26.24	
			<i>For Work In Restricted Working Space, Add</i>	7.87	
22 11 16 00-0340	EA		1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	27.59	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
22 11 16 00-0341	EA		2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	28.94	
			<i>For Work In Restricted Working Space, Add</i>	8.68	
22 11 16 00-0342	EA		2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe.....	30.29	
			<i>For Work In Restricted Working Space, Add</i>	9.09	
22 11 16 00-0343	EA		3", Cut And Thread Existing In Place Galvanized Steel Pipe.....	31.63	
			<i>For Work In Restricted Working Space, Add</i>	9.49	
22 11 16 00-0344	EA		4", Cut And Thread Existing In Place Galvanized Steel Pipe.....	32.98	
			<i>For Work In Restricted Working Space, Add</i>	9.89	
22 11 16 00-0345			<b>Copper Pipe And Fittings</b> (22 11 16) Note: Excludes hangers. See CSI section 22 11 16 00-0704 for pipe with fittings assembly.		
22 11 16 00-0346			<b>Copper Tube/Pipe</b> (22 11 16 00-0345) Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
22 11 16 00-0347			<b>Hard Drawn Type L Copper Tube/Pipe</b> (22 11 16 00-0346)		
22 11 16 00-0348	LF		1/4" Hard Drawn Type L Copper Tube/Pipe.....	3.05	1.51
			<i>For Work In Restricted Working Space, Add</i>	0.68	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.06	
22 11 16 00-0349	LF		3/8" Hard Drawn Type L Copper Tube/Pipe.....	3.54	1.57
			<i>For Work In Restricted Working Space, Add</i>	0.71	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.09	
22 11 16 00-0350	LF		1/2" Hard Drawn Type L Copper Tube/Pipe.....	3.92	1.64
			<i>For Work In Restricted Working Space, Add</i>	0.74	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.12	
22 11 16 00-0351	LF		3/4" Hard Drawn Type L Copper Tube/Pipe.....	4.83	1.74
			<i>For Work In Restricted Working Space, Add</i>	0.78	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.18	
22 11 16 00-0352	LF		1" Hard Drawn Type L Copper Tube/Pipe.....	6.13	1.96
			<i>For Work In Restricted Working Space, Add</i>	0.88	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.26	
22 11 16 00-0353	LF		1-1/4" Hard Drawn Type L Copper Tube/Pipe.....	8.85	2.91
			<i>For Work In Restricted Working Space, Add</i>	1.31	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.36	
22 11 16 00-0354	LF		1-1/2" Hard Drawn Type L Copper Tube/Pipe.....	11.18	3.25
			<i>For Work In Restricted Working Space, Add</i>	1.46	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.50	
22 11 16 00-0355	LF		2" Hard Drawn Type L Copper Tube/Pipe.....	19.15	4.01
			<i>For Work In Restricted Working Space, Add</i>	1.80	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.05	
22 11 16 00-0356	LF		2-1/2" Hard Drawn Type L Copper Tube/Pipe.....	33.19	5.01
			<i>For Work In Restricted Working Space, Add</i>	4.51	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.45	
22 11 16 00-0357	LF		3" Hard Drawn Type L Copper Tube/Pipe.....	39.24	5.56
			<i>For Work In Restricted Working Space, Add</i>	5.00	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.81	
22 11 16 00-0358	LF		4" Hard Drawn Type L Copper Tube/Pipe.....	54.94	6.27
			<i>For Work In Restricted Working Space, Add</i>	5.64	
			<i>For Medical/Oxygen Service Tubing, Add</i>	2.89	
22 11 16 00-0359	LF		5" Hard Drawn Type L Copper Tube/Pipe.....	121.72	7.20
			<i>For Work In Restricted Working Space, Add</i>	6.48	
			<i>For Medical/Oxygen Service Tubing, Add</i>	8.01	
22 11 16 00-0360	LF		6" Hard Drawn Type L Copper Tube/Pipe.....	147.39	11.16
			<i>For Work In Restricted Working Space, Add</i>	10.04	
			<i>For Medical/Oxygen Service Tubing, Add</i>	9.11	
22 11 16 00-0361	LF		8" Hard Drawn Type L Copper Tube/Pipe.....	243.19	12.41
			<i>For Work In Restricted Working Space, Add</i>	11.16	
			<i>For Medical/Oxygen Service Tubing, Add</i>	16.48	
22 11 16 00-0362			<b>Hard Drawn Type K Copper Tube/Pipe</b> (22 11 16 00-0346)		
22 11 16 00-0363	LF		1/4" Hard Drawn Type K Copper Tube/Pipe.....	3.33	1.62
			<i>For Work In Restricted Working Space, Add</i>	0.73	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.07	
22 11 16 00-0364	LF		3/8" Hard Drawn Type K Copper Tube/Pipe.....	4.39	1.87
			<i>For Work In Restricted Working Space, Add</i>	0.84	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.13	
22 11 16 00-0365	LF		1/2" Hard Drawn Type K Copper Tube/Pipe.....	4.47	1.81
			<i>For Work In Restricted Working Space, Add</i>	0.82	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.14	



<b>Plumbing</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>
<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0366 LF 3/4" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	6.28 0.95 0.25	2.10
22 11 16 00-0367 LF 1" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	7.44 1.01 0.33	2.24
22 11 16 00-0368 LF 1-1/4" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	10.02 1.43 0.42	3.17
22 11 16 00-0369 LF 1-1/2" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	12.86 1.60 0.60	3.56
22 11 16 00-0370 LF 2" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	22.01 1.96 1.24	4.37
22 11 16 00-0371 LF 2-1/2" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	37.85 4.92 1.72	10.94
22 11 16 00-0372 LF 3" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	45.45 5.50 2.17	12.23
22 11 16 00-0373 LF 4" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	64.52 6.23 3.50	13.85
22 11 16 00-0374 LF 5" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	151.74 7.35 10.18	16.35
22 11 16 00-0375 LF 6" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	194.78 11.86 12.42	26.36
22 11 16 00-0376 LF 8" Hard Drawn Type K Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	320.00 13.07 22.12	29.05
<b>22 11 16 00-0377 Hard Drawn Type M Copper Tube/Pipe (22 11 16 00-0346)</b>		
22 11 16 00-0378 LF 1/4" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	2.64 0.59	1.30
22 11 16 00-0379 LF 3/8" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	2.75 0.57	1.26
22 11 16 00-0380 LF 1/2" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	2.99 0.59	1.30
22 11 16 00-0381 LF 3/4" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	3.67 0.62	1.38
22 11 16 00-0382 LF 1" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.58 0.69	1.54
22 11 16 00-0383 LF 1-1/4" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	7.01 1.07	2.37
22 11 16 00-0384 LF 1-1/2" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.30 1.23	2.73
22 11 16 00-0385 LF 2" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	16.03 1.52	3.39
22 11 16 00-0386 LF 2-1/2" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	28.53 4.10	9.11
22 11 16 00-0387 LF 3" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	33.20 4.51	10.03
22 11 16 00-0388 LF 4" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	48.86 5.26	11.70
22 11 16 00-0389 LF 5" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	107.87 6.08	13.51
22 11 16 00-0390 LF 6" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	131.00 9.41	20.91
22 11 16 00-0391 LF 8" Hard Drawn Type M Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i>	210.62 10.35	23.01
<b>22 11 16 00-0392 Soft Drawn Type L Copper Tube (22 11 16 00-0346)</b>		
22 11 16 00-0393 LF 1/4" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	3.11 0.68	0.17
22 11 16 00-0394 LF 3/8" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	3.68 0.71	1.57
22 11 16 00-0395 LF 1/2" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	4.17 0.74	1.64
22 11 16 00-0396 LF 3/4" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	5.21 0.78	1.74
22 11 16 00-0397 LF 1" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	6.66 0.88	1.96
22 11 16 00-0398 LF 1-1/4" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	10.03 1.31	2.91
22 11 16 00-0399 LF 1-1/2" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	12.13 1.46	3.25
22 11 16 00-0400 LF 2" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	17.88 1.80	4.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0401			<b>Soft Drawn Type K Copper Tube</b> (22 11 16 00-0346)		
22 11 16 00-0402	LF		1/4" Soft Drawn Type K Copper Tube.....	3.27	0.17
			<i>For Work In Restricted Working Space, Add</i>	0.68	
22 11 16 00-0403	LF		3/8" Soft Drawn Type K Copper Tube.....	4.17	1.57
			<i>For Work In Restricted Working Space, Add</i>	0.71	
22 11 16 00-0404	LF		1/2" Soft Drawn Type K Copper Tube.....	4.48	1.64
			<i>For Work In Restricted Working Space, Add</i>	0.74	
22 11 16 00-0405	LF		5/8" Soft Drawn Type K Copper Tube.....	5.13	1.69
			<i>For Work In Restricted Working Space, Add</i>	0.76	
22 11 16 00-0406	LF		3/4" Soft Drawn Type K Copper Tube.....	6.17	1.74
			<i>For Work In Restricted Working Space, Add</i>	0.78	
22 11 16 00-0407	LF		1" Soft Drawn Type K Copper Tube.....	7.69	1.96
			<i>For Work In Restricted Working Space, Add</i>	0.88	
22 11 16 00-0408	LF		1-1/4" Soft Drawn Type K Copper Tube.....	10.79	2.91
			<i>For Work In Restricted Working Space, Add</i>	1.31	
22 11 16 00-0409	LF		1-1/2" Soft Drawn Type K Copper Tube.....	13.29	3.25
			<i>For Work In Restricted Working Space, Add</i>	1.46	
22 11 16 00-0410	LF		2" Soft Drawn Type K Copper Tube.....	19.43	4.01
			<i>For Work In Restricted Working Space, Add</i>	1.80	
22 11 16 00-0411	LF		2-1/2" Soft Drawn Type K Copper Tube.....	23.32	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.16	
22 11 16 00-0412	LF		3" Soft Drawn Type K Copper Tube.....	31.03	5.68
			<i>For Work In Restricted Working Space, Add</i>	2.55	
22 11 16 00-0413			<b>Copper And Brass Fittings</b> (22 11 16 00-0345)		
			Note: All fittings are based on 95/5 solder.		
22 11 16 00-0414			<b>90 Degree Copper Elbows</b> (22 11 16 00-0413)		
22 11 16 00-0415	EA		1/4" 90 Degree Copper Elbow .....	14.56	8.97
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.40	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.07	
			<i>For Street Fitting, Add</i>	0.44	
22 11 16 00-0416	EA		3/8" 90 Degree Copper Elbow .....	17.32	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.67	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.48	
			<i>For Street Fitting, Add</i>	0.47	
22 11 16 00-0417	EA		1/2" 90 Degree Copper Elbow .....	22.59	14.81
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.33	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.24	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.35	
			<i>For Street Fitting, Add</i>	0.15	
22 11 16 00-0418	EA		3/4" 90 Degree Copper Elbow .....	28.44	18.44
			<i>For Work In Restricted Working Space, Add</i>	8.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.80	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.18	
			<i>For Street Fitting, Add</i>	0.34	
22 11 16 00-0419	EA		1" 90 Degree Copper Elbow .....	35.06	22.01
			<i>For Work In Restricted Working Space, Add</i>	9.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.40	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.05	
			<i>For Street Fitting, Add</i>	0.83	
22 11 16 00-0420	EA		1-1/4" 90 Degree Copper Elbow .....	38.78	23.82
			<i>For Work In Restricted Working Space, Add</i>	10.70	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.35	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.72	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.51	
			<i>For Street Fitting, Add</i>	1.24	
22 11 16 00-0421	EA		1-1/2" 90 Degree Copper Elbow .....	43.90	26.04
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.15	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.10	
			<i>For Street Fitting, Add</i>	1.94	
22 11 16 00-0422	EA		2" 90 Degree Copper Elbow .....	52.61	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.56	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.82	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.01	
			<i>For Street Fitting, Add</i>	3.54	
22 11 16 00-0423	EA		2-1/2" 90 Degree Copper Elbow .....	61.99	29.74
			<i>For Work In Restricted Working Space, Add</i>	13.38	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.69	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.33	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.56	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0424 EA 3" 90 Degree Copper Elbow .....	77.79	35.56
For Work In Restricted Working Space, Add	15.98	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.99	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.55	
For Silver Solder Instead Of 95/5 Solder, Add	9.22	
22 11 16 00-0425 EA 4" 90 Degree Copper Elbow .....	135.05	50.44
For Work In Restricted Working Space, Add	22.68	
For Brazed Fittings Instead Of 95/5 Solder, Add	11.34	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.53	
For Silver Solder Instead Of 95/5 Solder, Add	14.31	
22 11 16 00-0426 EA 5" 90 Degree Copper Elbow .....	352.57	69.02
For Work In Restricted Working Space, Add	31.04	
For Brazed Fittings Instead Of 95/5 Solder, Add	15.52	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-22.80	
For Silver Solder Instead Of 95/5 Solder, Add	27.98	
22 11 16 00-0427 EA 6" 90 Degree Copper Elbow .....	482.63	100.44
For Work In Restricted Working Space, Add	45.17	
For Brazed Fittings Instead Of 95/5 Solder, Add	22.58	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-31.66	
For Silver Solder Instead Of 95/5 Solder, Add	39.19	
22 11 16 00-0428 EA 8" 90 Degree Copper Elbow .....	1,429.25	133.90
For Work In Restricted Working Space, Add	60.23	
For Brazed Fittings Instead Of 95/5 Solder, Add	30.11	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-81.50	
For Silver Solder Instead Of 95/5 Solder, Add	91.54	
<b>22 11 16 00-0429 90 Degree Brass Elbows</b> (22 11 16 00-0413)		
22 11 16 00-0430 EA 1/2" Drop Ear 90 Degree Brass Elbow .....	24.58	14.81
For Work In Restricted Working Space, Add	6.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.33	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.34	
For Silver Solder Instead Of 95/5 Solder, Add	3.45	
22 11 16 00-0431 EA 3/4" Drop Ear 90 Degree Brass Elbow .....	34.51	18.44
For Work In Restricted Working Space, Add	8.28	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.11	
For Silver Solder Instead Of 95/5 Solder, Add	4.48	
22 11 16 00-0432 EA 1/2" Flanged Sink 90 Degree Brass Elbow .....	26.54	14.81
For Work In Restricted Working Space, Add	6.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.33	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.44	
For Silver Solder Instead Of 95/5 Solder, Add	3.55	
22 11 16 00-0433 EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	19.70	10.77
For Work In Restricted Working Space, Add	4.85	
For Brazed Fittings Instead Of 95/5 Solder, Add	2.42	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.79	
For Silver Solder Instead Of 95/5 Solder, Add	2.60	
22 11 16 00-0434 EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	24.75	14.81
For Work In Restricted Working Space, Add	6.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.33	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.35	
For Silver Solder Instead Of 95/5 Solder, Add	3.46	
22 11 16 00-0435 EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	32.06	18.44
For Work In Restricted Working Space, Add	8.28	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.98	
For Silver Solder Instead Of 95/5 Solder, Add	4.36	
22 11 16 00-0436 EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	47.26	22.01
For Work In Restricted Working Space, Add	9.89	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.95	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.01	
For Silver Solder Instead Of 95/5 Solder, Add	5.66	
<b>22 11 16 00-0437 Reducing 90 Degree Copper Elbows</b> (22 11 16 00-0413)		
22 11 16 00-0438 EA 1/2" Reducing 90 Degree Copper Elbow .....	25.28	14.81
For Work In Restricted Working Space, Add	6.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.33	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.37	
For Silver Solder Instead Of 95/5 Solder, Add	3.49	
22 11 16 00-0439 EA 3/4" Reducing 90 Degree Copper Elbow .....	29.76	18.44
For Work In Restricted Working Space, Add	8.28	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.87	
For Silver Solder Instead Of 95/5 Solder, Add	4.25	
22 11 16 00-0440 EA 1" Reducing 90 Degree Copper Elbow .....	36.97	22.01
For Work In Restricted Working Space, Add	9.89	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.95	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.50	
For Silver Solder Instead Of 95/5 Solder, Add	5.15	
22 11 16 00-0441 EA 1-1/4" Reducing 90 Degree Copper Elbow .....	45.83	23.82
For Work In Restricted Working Space, Add	10.70	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.35	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.08	
For Silver Solder Instead Of 95/5 Solder, Add	5.86	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0442	EA	1-1/2"	Reducing 90 Degree Copper Elbow .....	52.40	26.04
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.57	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.52	
22 11 16 00-0443	EA	2"	Reducing 90 Degree Copper Elbow .....	61.73	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.56	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.27	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.46	
<b>22 11 16 00-0444</b>			<b>45 Degree Copper Elbows (22 11 16 00-0413)</b>		
22 11 16 00-0445	EA	1/4"	45 Degree Copper Elbow .....	15.52	8.97
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.45	
			<i>For Street Fitting, Add</i>	0.82	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.12	
22 11 16 00-0446	EA	3/8"	45 Degree Copper Elbow .....	17.91	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.70	
			<i>For Street Fitting, Add</i>	0.70	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.51	
22 11 16 00-0447	EA	1/2"	45 Degree Copper Elbow .....	22.90	14.81
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.33	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.26	
			<i>For Street Fitting, Add</i>	0.28	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.37	
22 11 16 00-0448	EA	3/4"	45 Degree Copper Elbow .....	28.78	18.44
			<i>For Work In Restricted Working Space, Add</i>	8.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.82	
			<i>For Street Fitting, Add</i>	0.48	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.20	
22 11 16 00-0449	EA	1"	45 Degree Copper Elbow .....	35.94	22.01
			<i>For Work In Restricted Working Space, Add</i>	9.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.45	
			<i>For Street Fitting, Add</i>	1.18	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.10	
22 11 16 00-0450	EA	1-1/4"	45 Degree Copper Elbow .....	39.68	23.82
			<i>For Work In Restricted Working Space, Add</i>	10.70	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.35	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.77	
			<i>For Street Fitting, Add</i>	1.60	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.55	
22 11 16 00-0451	EA	1-1/2"	45 Degree Copper Elbow .....	43.96	26.04
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.15	
			<i>For Street Fitting, Add</i>	1.97	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.10	
22 11 16 00-0452	EA	2"	45 Degree Copper Elbow .....	51.96	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.56	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.79	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.97	
22 11 16 00-0453	EA	2-1/2"	45 Degree Copper Elbow .....	61.78	29.74
			<i>For Work In Restricted Working Space, Add</i>	13.38	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.69	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.32	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.55	
22 11 16 00-0454	EA	3"	45 Degree Copper Elbow .....	78.75	35.56
			<i>For Work In Restricted Working Space, Add</i>	15.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.99	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.60	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.27	
22 11 16 00-0455	EA	4"	45 Degree Copper Elbow .....	129.91	50.44
			<i>For Work In Restricted Working Space, Add</i>	22.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.28	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.05	
22 11 16 00-0456	EA	5"	45 Degree Copper Elbow .....	313.83	69.02
			<i>For Work In Restricted Working Space, Add</i>	31.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.52	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-20.87	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	26.04	
22 11 16 00-0457	EA	6"	45 Degree Copper Elbow .....	482.07	100.44
			<i>For Work In Restricted Working Space, Add</i>	45.17	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	22.58	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-31.63	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	39.16	





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0458	EA		8" 45 Degree Copper Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1,327.19 60.23 30.11 -76.40 86.43	133.90
<b>22 11 16 00-0459</b>			<b>Straight Copper And Brass Tees</b> (22 11 16 00-0413)		
22 11 16 00-0460	EA		1/4" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	22.50 6.06 3.03 -2.13 3.14	13.46
22 11 16 00-0461	EA		3/8" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	26.09 7.27 3.63 -2.52 3.73	16.15
22 11 16 00-0462	EA		1/2" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	34.30 10.10 5.05 -3.40 5.08	22.48
22 11 16 00-0463	EA		3/4" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	43.28 12.52 6.26 -4.25 6.34	27.87
22 11 16 00-0464	EA		1" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.48 14.94 7.47 -5.21 7.71	33.25
22 11 16 00-0465	EA		1-1/4" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	60.35 16.15 8.08 -5.71 8.40	35.94
22 11 16 00-0466	EA		1-1/2" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	68.40 17.57 8.78 -6.35 9.28	39.04
22 11 16 00-0467	EA		2" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	81.62 19.79 9.89 -7.38 10.68	44.02
22 11 16 00-0468	EA		2-1/2" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	97.89 20.07 10.04 -8.24 11.59	44.61
22 11 16 00-0469	EA		3" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	127.87 24.17 12.08 -10.42 14.45	53.72
22 11 16 00-0470	EA		4" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	227.29 33.83 16.91 -17.00 22.64	75.22
22 11 16 00-0471	EA		5" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	528.69 46.28 23.14 -34.15 41.86	102.92
22 11 16 00-0472	EA		6" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	737.96 67.85 33.92 -48.21 59.51	150.88
22 11 16 00-0473	EA		8" Straight Copper Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2,275.42 90.34 45.17 -128.83 143.88	200.87
22 11 16 00-0474	EA		1/2" Cast Bronze Drop Ear Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	37.65 10.10 5.05 -3.57 5.25	22.48

**22 11 16 00-0475 Reducing Copper Tees** (22 11 16 00-0413)

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0476	EA		3/8" Reducing Copper Tee.....	25.22	14.34
			<i>For Work In Restricted Working Space, Add</i>	6.46	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.23	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.34	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.42	
22 11 16 00-0477	EA		1/2" Reducing Copper Tee.....	33.52	20.19
			<i>For Work In Restricted Working Space, Add</i>	9.09	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.54	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.19	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.71	
22 11 16 00-0478	EA		3/4" Reducing Copper Tee.....	40.69	26.04
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.99	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.94	
22 11 16 00-0479	EA		1" Reducing Copper Tee.....	52.35	31.43
			<i>For Work In Restricted Working Space, Add</i>	14.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.07	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.97	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.33	
22 11 16 00-0480	EA		1-1/4" Reducing Copper Tee.....	59.10	34.12
			<i>For Work In Restricted Working Space, Add</i>	15.35	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.67	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.51	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.07	
22 11 16 00-0481	EA		1-1/2" Reducing Copper Tee.....	67.10	37.28
			<i>For Work In Restricted Working Space, Add</i>	16.76	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.38	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.15	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.94	
22 11 16 00-0482	EA		2" Reducing Copper Tee.....	78.83	41.73
			<i>For Work In Restricted Working Space, Add</i>	18.78	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.39	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.07	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.20	
22 11 16 00-0483	EA		2-1/2" Reducing Copper Tee.....	98.37	43.01
			<i>For Work In Restricted Working Space, Add</i>	19.33	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.67	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.14	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.36	
22 11 16 00-0484	EA		3" Reducing Copper Tee.....	130.07	49.57
			<i>For Work In Restricted Working Space, Add</i>	22.31	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.22	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.94	
22 11 16 00-0485	EA		4" Reducing Copper Tee.....	209.01	61.15
			<i>For Work In Restricted Working Space, Add</i>	27.51	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.76	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.04	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	19.62	
22 11 16 00-0486			<b>Copper Couplings</b> (22 11 16 00-0413)		
22 11 16 00-0487	EA		1/4" Copper Coupling.....	13.68	8.97
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.36	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.03	
22 11 16 00-0488	EA		3/8" Copper Coupling.....	16.44	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.63	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.44	
22 11 16 00-0489	EA		1/2" Copper Coupling.....	22.45	14.81
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.33	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.23	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.34	
22 11 16 00-0490	EA		3/4" Copper Coupling.....	28.08	18.44
			<i>For Work In Restricted Working Space, Add</i>	8.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.78	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.16	
22 11 16 00-0491	EA		1" Copper Coupling.....	33.96	22.01
			<i>For Work In Restricted Working Space, Add</i>	9.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.35	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.00	
22 11 16 00-0492	EA		1-1/4" Copper Coupling.....	37.39	23.82
			<i>For Work In Restricted Working Space, Add</i>	10.70	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.35	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.65	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.44	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0493	EA		1-1/2" Copper Coupling .....	41.32	26.04
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.02	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.97	
22 11 16 00-0494	EA		2" Copper Coupling.....	47.54	28.94
			<i>For Work In Restricted Working Space, Add</i>	13.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.56	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.56	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.75	
22 11 16 00-0495	EA		2-1/2" Copper Coupling .....	49.93	28.13
			<i>For Work In Restricted Working Space, Add</i>	12.64	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.60	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.71	
22 11 16 00-0496	EA		3" Copper Coupling.....	61.40	34.08
			<i>For Work In Restricted Working Space, Add</i>	15.24	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.62	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.61	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.15	
22 11 16 00-0497	EA		4" Copper Coupling.....	91.51	45.85
			<i>For Work In Restricted Working Space, Add</i>	20.45	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.22	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.98	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.39	
22 11 16 00-0498	EA		5" Copper Coupling.....	141.63	83.65
			<i>For Work In Restricted Working Space, Add</i>	27.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.94	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.73	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.38	
22 11 16 00-0499	EA		6" Copper Coupling.....	216.77	90.89
			<i>For Work In Restricted Working Space, Add</i>	40.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	20.45	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.65	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	24.47	
22 11 16 00-0500	EA		8" Copper Coupling.....	441.74	120.51
			<i>For Work In Restricted Working Space, Add</i>	54.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	27.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-31.13	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	40.18	
<b>22 11 16 00-0501</b>			<b>Reducing Copper Couplings</b> <small>(22 11 16 00-0413)</small>		
22 11 16 00-0502	EA		3/8" Reducing Copper Coupling .....	13.94	8.95
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.37	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.04	
22 11 16 00-0503	EA		1/2" Reducing Copper Coupling .....	19.68	12.78
			<i>For Work In Restricted Working Space, Add</i>	5.75	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.88	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.94	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.90	
22 11 16 00-0504	EA		3/4" Reducing Copper Coupling .....	25.77	16.63
			<i>For Work In Restricted Working Space, Add</i>	7.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.53	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.78	
22 11 16 00-0505	EA		1" Reducing Copper Coupling .....	31.87	20.19
			<i>For Work In Restricted Working Space, Add</i>	9.09	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.54	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.11	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.62	
22 11 16 00-0506	EA		1-1/4" Reducing Copper Coupling .....	36.51	22.89
			<i>For Work In Restricted Working Space, Add</i>	10.30	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.54	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.26	
22 11 16 00-0507	EA		1-1/2" Reducing Copper Coupling .....	40.98	24.90
			<i>For Work In Restricted Working Space, Add</i>	11.21	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.60	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.92	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.78	
22 11 16 00-0508	EA		2" Reducing Copper Coupling .....	47.01	27.59
			<i>For Work In Restricted Working Space, Add</i>	12.42	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.21	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.42	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.49	
22 11 16 00-0509	EA		2-1/2" Reducing Copper Coupling .....	54.00	28.32
			<i>For Work In Restricted Working Space, Add</i>	12.73	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.37	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.82	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0510	EA		3" Reducing Copper Coupling.....	63.24	32.84
			<i>For Work In Restricted Working Space, Add</i>	14.69	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.61	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.06	
22 11 16 00-0511	EA		4" Reducing Copper Coupling.....	92.81	43.01
			<i>For Work In Restricted Working Space, Add</i>	19.33	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.67	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.86	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.08	
22 11 16 00-0512	EA		5" Reducing Copper Coupling.....	200.78	59.91
			<i>For Work In Restricted Working Space, Add</i>	26.95	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.48	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-14.53	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	19.02	
22 11 16 00-0513	EA		6" Reducing Copper Coupling.....	292.62	80.55
			<i>For Work In Restricted Working Space, Add</i>	36.25	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	18.12	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-20.67	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	26.71	
22 11 16 00-0514	EA		8" Reducing Copper Coupling.....	540.16	117.37
			<i>For Work In Restricted Working Space, Add</i>	52.79	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	26.39	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-35.81	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	44.60	
<b>22 11 16 00-0515</b>			<b>Male Copper Adapters</b> (22 11 16 00-0413)		
22 11 16 00-0516	EA		1/4" Male Copper Adapter.....	17.36	8.75
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.54	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.21	
22 11 16 00-0517	EA		3/8" Male Copper Adapter.....	18.09	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.71	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.52	
22 11 16 00-0518	EA		1/2" Male Copper Adapter.....	20.98	13.46
			<i>For Work In Restricted Working Space, Add</i>	6.06	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.03	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.06	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.07	
22 11 16 00-0519	EA		3/4" Male Copper Adapter.....	26.23	16.83
			<i>For Work In Restricted Working Space, Add</i>	7.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.56	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.80	
22 11 16 00-0520	EA		1" Male Copper Adapter.....	32.33	19.52
			<i>For Work In Restricted Working Space, Add</i>	8.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.06	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.51	
22 11 16 00-0521	EA		1-1/4" Male Copper Adapter .....	38.59	22.21
			<i>For Work In Restricted Working Space, Add</i>	10.10	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.05	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.61	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.29	
22 11 16 00-0522	EA		1-1/2" Male Copper Adapter .....	44.14	25.58
			<i>For Work In Restricted Working Space, Add</i>	11.51	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.75	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.13	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.04	
22 11 16 00-0523	EA		2" Male Copper Adapter.....	58.91	32.64
			<i>For Work In Restricted Working Space, Add</i>	14.74	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.37	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.40	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.86	
22 11 16 00-0524	EA		2-1/2" Male Copper Adapter .....	94.36	42.40
			<i>For Work In Restricted Working Space, Add</i>	18.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.49	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.88	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.05	
22 11 16 00-0525	EA		3" Male Copper Adapter.....	125.42	56.54
			<i>For Work In Restricted Working Space, Add</i>	25.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.64	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.48	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.70	
22 11 16 00-0526	EA		4" Male Copper Adapter.....	184.79	79.31
			<i>For Work In Restricted Working Space, Add</i>	35.69	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.85	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.19	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.14	
<b>22 11 16 00-0527</b>			<b>Female Copper Adapters</b> (22 11 16 00-0413)		



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0528	EA		1/4" Female Copper Adapter .....	15.95	8.75
			<i>For Work In Restricted Working Space, Add</i>	4.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.47	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.14	
22 11 16 00-0529	EA		3/8" Female Copper Adapter .....	18.75	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.75	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.55	
22 11 16 00-0530	EA		1/2" Female Copper Adapter .....	21.45	13.46
			<i>For Work In Restricted Working Space, Add</i>	6.06	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.03	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.08	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.09	
22 11 16 00-0531	EA		3/4" Female Copper Adapter .....	26.62	16.83
			<i>For Work In Restricted Working Space, Add</i>	7.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.58	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.82	
22 11 16 00-0532	EA		1" Female Copper Adapter .....	32.88	19.52
			<i>For Work In Restricted Working Space, Add</i>	8.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.09	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.54	
22 11 16 00-0533	EA		1-1/4" Female Copper Adapter .....	39.43	22.21
			<i>For Work In Restricted Working Space, Add</i>	10.10	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.05	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.65	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.34	
22 11 16 00-0534	EA		1-1/2" Female Copper Adapter .....	47.40	25.58
			<i>For Work In Restricted Working Space, Add</i>	11.51	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.75	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.29	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.21	
22 11 16 00-0535	EA		2" Female Copper Adapter .....	61.39	32.64
			<i>For Work In Restricted Working Space, Add</i>	14.74	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.37	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.53	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.98	
22 11 16 00-0536	EA		2-1/2" Female Copper Adapter .....	102.11	39.03
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.02	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.93	
22 11 16 00-0537	EA		3" Female Copper Adapter .....	158.16	56.54
			<i>For Work In Restricted Working Space, Add</i>	25.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.64	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-12.12	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.33	
<b>22 11 16 00-0538</b>			<b>Wrot Copper, Solder Union</b> <small>(22 11 16 00-0413)</small>		
22 11 16 00-0539	EA		1/4" Wrot Copper, Solder Union.....	21.67	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.89	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.70	
22 11 16 00-0540	EA		3/8" Wrot Copper, Solder Union.....	25.21	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.24	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.21	
22 11 16 00-0541	EA		1/2" Wrot Copper, Solder Union.....	27.75	16.15
			<i>For Work In Restricted Working Space, Add</i>	7.27	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.63	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.60	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.81	
22 11 16 00-0542	EA		3/4" Wrot Copper, Solder Union.....	31.92	18.44
			<i>For Work In Restricted Working Space, Add</i>	8.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.98	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.36	
22 11 16 00-0543	EA		1" Wrot Copper, Solder Union .....	40.41	22.01
			<i>For Work In Restricted Working Space, Add</i>	9.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.67	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.32	
22 11 16 00-0544	EA		1-1/4" Wrot Copper, Solder Union .....	47.11	24.23
			<i>For Work In Restricted Working Space, Add</i>	10.91	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.45	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.17	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0545	EA		1-1/2" Wrot Copper, Solder Union .....	55.56	26.92
			<i>For Work In Restricted Working Space, Add</i>	12.11	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.06	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.80	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.82	
22 11 16 00-0546	EA		2" Wrot Copper, Solder Union.....	74.32	32.30
			<i>For Work In Restricted Working Space, Add</i>	14.54	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.27	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.14	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.56	
22 11 16 00-0547	EA		2-1/2" Wrot Copper, Solder Union .....	123.83	35.56
			<i>For Work In Restricted Working Space, Add</i>	15.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.99	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.86	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.52	
22 11 16 00-0548	EA		3" Wrot Copper, Solder Union.....	258.16	50.44
			<i>For Work In Restricted Working Space, Add</i>	22.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.69	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.47	
<b>22 11 16 00-0549</b>			<b>Cast Bronze, Solder Union</b> (22 11 16 00-0413)		
22 11 16 00-0550	EA		1/4" Cast Bronze, Solder Union .....	23.71	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.99	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.80	
22 11 16 00-0551	EA		3/8" Cast Bronze, Solder Union .....	27.13	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.33	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.31	
22 11 16 00-0552	EA		1/2" Cast Bronze, Solder Union .....	28.28	16.15
			<i>For Work In Restricted Working Space, Add</i>	7.27	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.63	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.63	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.84	
22 11 16 00-0553	EA		3/4" Cast Bronze, Solder Union .....	32.67	18.44
			<i>For Work In Restricted Working Space, Add</i>	8.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.01	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.39	
22 11 16 00-0554	EA		1" Cast Bronze, Solder Union .....	41.73	22.01
			<i>For Work In Restricted Working Space, Add</i>	9.89	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.74	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.38	
22 11 16 00-0555	EA		1-1/4" Cast Bronze, Solder Union.....	50.70	24.23
			<i>For Work In Restricted Working Space, Add</i>	10.91	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.45	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.35	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.17	
22 11 16 00-0556	EA		1-1/2" Cast Bronze, Solder Union .....	59.30	26.92
			<i>For Work In Restricted Working Space, Add</i>	12.11	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.06	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.98	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.00	
22 11 16 00-0557	EA		2" Cast Bronze, Solder Union .....	80.70	32.30
			<i>For Work In Restricted Working Space, Add</i>	14.54	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.27	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.46	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.88	
22 11 16 00-0558	EA		2-1/2" Cast Bronze, Solder Union.....	123.83	35.56
			<i>For Work In Restricted Working Space, Add</i>	15.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.99	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.86	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.52	
22 11 16 00-0559	EA		3" Cast Bronze, Solder Union .....	258.16	50.44
			<i>For Work In Restricted Working Space, Add</i>	22.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.69	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.47	
<b>22 11 16 00-0560</b>			<b>Cast Bronze, Solder X Female Threaded Union</b> (22 11 16 00-0413)		
22 11 16 00-0561	EA		1/4" Cast Bronze, Solder X Female Threaded Union.....	26.46	10.77
			<i>For Work In Restricted Working Space, Add</i>	4.85	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.42	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.13	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.94	
22 11 16 00-0562	EA		3/8" Cast Bronze, Solder X Female Threaded Union.....	30.19	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.49	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.46	



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0563	EA		1/2" Cast Bronze, Solder X Female Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	32.70 7.27 3.63 -2.85 4.06	16.15
22 11 16 00-0564	EA		3/4" Cast Bronze, Solder X Female Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	39.14 8.28 4.14 -3.34 4.72	18.44
22 11 16 00-0565	EA		1" Cast Bronze, Solder X Female Threaded Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	57.00 9.89 4.95 -4.50 6.15	22.01
22 11 16 00-0566	EA		1-1/4" Cast Bronze, Solder X Female Threaded Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	81.12 10.91 5.45 -5.87 7.69	24.23
22 11 16 00-0567	EA		1-1/2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	97.10 12.11 6.06 -6.87 8.89	26.92
22 11 16 00-0568	EA		2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	144.46 14.54 7.27 -9.65 12.07	32.30
22 11 16 00-0569	EA		2-1/2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	235.29 15.98 7.99 -14.43 17.09	35.56
<b>22 11 16 00-0570</b>			<b>Cast Bronze, Solder X Male Threaded Union</b> (22 11 16 00-0413)		
22 11 16 00-0571	EA		1/4" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	24.00 4.85 2.42 -2.01 2.82	10.77
22 11 16 00-0572	EA		3/8" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.69 5.86 2.93 -2.41 3.39	12.99
22 11 16 00-0573	EA		1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	30.92 7.27 3.63 -2.76 3.97	16.15
22 11 16 00-0574	EA		3/4" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	37.63 8.28 4.14 -3.26 4.64	18.44
22 11 16 00-0575	EA		1" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	57.70 9.89 4.95 -4.53 6.18	22.01
22 11 16 00-0576	EA		1-1/4" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	67.01 10.91 5.45 -5.17 6.99	24.23
22 11 16 00-0577	EA		1-1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	72.58 12.11 6.06 -5.65 7.67	26.92
22 11 16 00-0578	EA		2" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	97.92 14.54 7.27 -7.32 9.74	32.30
22 11 16 00-0579	EA		2-1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	198.24 15.98 7.99 -12.58 15.24	35.56

22 11 16 00-0580 Copper Caps (22 11 16 00-0413)

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0581	EA	1/4"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.86 0.76 0.38 -0.27 0.40	1.70
22 11 16 00-0582	EA	3/8"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.23 0.81 0.40 -0.30 0.43	1.79
22 11 16 00-0583	EA	1/2"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.13 0.86 0.43 -0.30 0.44	1.94
22 11 16 00-0584	EA	3/4"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.09 1.07 0.54 -0.38 0.56	2.42
22 11 16 00-0585	EA	1"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.76 1.37 0.68 -0.52 0.74	3.06
22 11 16 00-0586	EA	1-1/4"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.84 1.87 0.93 -0.70 1.01	4.20
22 11 16 00-0587	EA	1-1/2"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.67 2.20 1.10 -0.85 1.22	4.94
22 11 16 00-0588	EA	2"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.64 4.89 2.44 -1.85 2.66	11.00
22 11 16 00-0589	EA	2-1/2"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	37.81 7.44 3.72 -3.13 4.37	16.73
22 11 16 00-0590	EA	3"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	51.18 9.76 4.88 -4.19 5.81	21.96
22 11 16 00-0591	EA	4"	Copper Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	73.93 11.62 5.81 -5.63 7.57	26.14
22 11 16 00-0592	EA	5"	Cast Bronze Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	301.18 16.13 8.07 -17.75 20.44	35.87
22 11 16 00-0593	EA	6"	Cast Bronze Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	561.75 20.65 10.33 -31.53 34.97	46.47
22 11 16 00-0594	EA	8"	Cast Bronze Cap ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	724.71 29.74 14.87 -41.19 46.15	66.91
22 11 16 00-0595	<b>Copper Crosses</b> (22 11 16 00-0413)				
22 11 16 00-0596	EA	1/2"	Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	45.23 12.27 6.14 -4.31 6.35	27.26
22 11 16 00-0597	EA	3/4"	Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	59.22 15.24 7.62 -5.50 8.04	33.90





<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0598 EA 1" Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	75.02 18.22 9.11 -6.79 9.82	40.46
22 11 16 00-0599 EA 1-1/4" Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	86.22 19.70 9.85 -7.59 10.88	43.80
22 11 16 00-0600 EA 1-1/2" Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	101.18 21.56 10.78 -8.65 12.25	47.90
22 11 16 00-0601 EA 2" Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	135.90 24.17 12.08 -10.82 14.85	53.72
22 11 16 00-0602 EA 2-1/2" Copper Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	216.80 26.77 13.38 -15.30 19.76	59.48
<b>22 11 16 00-0603 Cast Bronze Crosses (22 11 16 00-0413)</b>		
22 11 16 00-0604 EA 3/8" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	35.52 8.92 4.46 -3.26 4.75	19.82
22 11 16 00-0605 EA 1/2" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	46.10 12.27 6.14 -4.35 6.40	27.26
22 11 16 00-0606 EA 3/4" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	60.90 15.24 7.62 -5.59 8.13	33.90
22 11 16 00-0607 EA 1" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	77.88 18.22 9.11 -6.93 9.97	40.46
22 11 16 00-0608 EA 1-1/4" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	90.33 19.70 9.85 -7.80 11.08	43.80
22 11 16 00-0609 EA 1-1/2" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	107.03 21.56 10.78 -8.95 12.54	47.90
22 11 16 00-0610 EA 2" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	146.96 24.17 12.08 -11.38 15.40	53.72
22 11 16 00-0611 EA 2-1/2" Cast Bronze Cross ..... <i>For Work In Restricted Working Space, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	242.31 26.77 13.38 -16.58 21.04	59.48
<b>22 11 16 00-0612 Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0345)</b>		
22 11 16 00-0613 EA Up To 1/2", Cut And Prepare Existing In Place Copper Pipe.....	6.73	
22 11 16 00-0614 EA 3/4", Cut And Prepare Existing In Place Copper Pipe.....	7.27	
22 11 16 00-0615 EA 1", Cut And Prepare Existing In Place Copper Pipe.....	8.18	
22 11 16 00-0616 EA 1-1/4", Cut And Prepare Existing In Place Copper Pipe.....	8.58	
22 11 16 00-0617 EA 1-1/2", Cut And Prepare Existing In Place Copper Pipe.....	9.08	
22 11 16 00-0618 EA 2", Cut And Prepare Existing In Place Copper Pipe.....	9.99	
22 11 16 00-0619 EA 2-1/2", Cut And Prepare Existing In Place Copper Pipe.....	10.77	
22 11 16 00-0620 EA 3", Cut And Prepare Existing In Place Copper Pipe.....	12.72	
22 11 16 00-0621 EA 4", Cut And Prepare Existing In Place Copper Pipe.....	17.16	
22 11 16 00-0622 EA 6", Cut And Prepare Existing In Place Copper Pipe.....	24.53	
22 11 16 00-0623 EA 8", Cut And Prepare Existing In Place Copper Pipe.....	32.71	

22 11 16 00-0624 Sweat Brass Companion Flanges (22 11 16 00-0345)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0625	EA		1" Sweat Brass Companion Flange .....	27.44	10.35
22 11 16 00-0626	EA		1-1/4" Sweat Brass Companion Flange .....	30.02	11.40
22 11 16 00-0627	EA		1-1/2" Sweat Brass Companion Flange .....	40.22	12.39
22 11 16 00-0628	EA		2" Sweat Brass Companion Flange .....	51.84	13.76
22 11 16 00-0629	EA		2-1/2" Sweat Brass Companion Flange .....	64.94	16.54
22 11 16 00-0630	EA		3" Sweat Brass Companion Flange .....	74.08	21.69
22 11 16 00-0631	EA		4" Sweat Brass Companion Flange .....	96.72	25.84
22 11 16 00-0632	EA		5" Sweat Brass Companion Flange .....	178.42	29.08
22 11 16 00-0633	EA		6" Sweat Brass Companion Flange .....	214.81	42.26
22 11 16 00-0634	EA		8" Copper Companion Flange .....	455.71	60.27
<b>22 11 16 00-0635</b>			<b>Brass Compression Fittings (22 11 16 00-0345)</b>		
<b>22 11 16 00-0636</b>			<b>Brass Compression Unions (22 11 16 00-0635)</b>		
22 11 16 00-0637	EA		1/4" Brass Compression Union .....	11.64	7.27
22 11 16 00-0638	EA		3/8" Brass Compression Union .....	11.84	7.27
22 11 16 00-0639	EA		1/2" Brass Compression Union .....	12.45	7.27
22 11 16 00-0640	EA		5/8" Brass Compression Union .....	12.74	7.27
22 11 16 00-0641	EA		3/4" Brass Compression Union .....	15.14	7.27
<b>22 11 16 00-0642</b>			<b>Brass Compression Union Elbows (22 11 16 00-0635)</b>		
22 11 16 00-0643	EA		1/4" Brass Compression Union Elbow .....	12.45	7.27
22 11 16 00-0644	EA		3/8" Brass Compression Union Elbow .....	12.78	7.27
22 11 16 00-0645	EA		1/2" Brass Compression Union Elbow .....	13.50	7.27
22 11 16 00-0646	EA		5/8" Brass Compression Union Elbow .....	14.62	7.27
22 11 16 00-0647	EA		3/4" Brass Compression Union Elbow .....	18.98	7.27
22 11 16 00-0648	EA		3/8" x 1/4" Brass Compression Union Elbow .....	12.78	7.27
22 11 16 00-0649	EA		1/2" x 3/8" Brass Compression Union Elbow .....	13.50	7.27
22 11 16 00-0650	EA		5/8" x 3/8" Brass Compression Union Elbow .....	13.70	7.27
22 11 16 00-0651	EA		5/8" x 1/2" Brass Compression Union Elbow .....	16.98	7.27
<b>22 11 16 00-0652</b>			<b>Brass Compression Union Tees (22 11 16 00-0635)</b>		
22 11 16 00-0653	EA		1/4" Brass Compression Union Tee .....	12.70	7.27
22 11 16 00-0654	EA		3/8" Brass Compression Union Tee .....	13.38	7.27
22 11 16 00-0655	EA		1/2" Brass Compression Union Tee .....	14.10	7.27
22 11 16 00-0656	EA		5/8" Brass Compression Union Tee .....	16.38	7.27
22 11 16 00-0657	EA		3/4" Brass Compression Union Tee .....	24.26	7.27
22 11 16 00-0658	EA		3/8" x 3/8" x 1/4" Brass Compression Union Tee .....	13.86	7.27
22 11 16 00-0659	EA		1/2" x 1/2" x 3/8" Brass Compression Union Tee .....	17.56	7.27
22 11 16 00-0660	EA		5/8" x 5/8" x 3/8" Brass Compression Union Tee .....	17.20	7.27
22 11 16 00-0661	EA		5/8" x 5/8" x 1/2" Brass Compression Union Tee .....	17.62	7.27
<b>22 11 16 00-0662</b>			<b>Brass Compression Male Connectors (22 11 16 00-0635)</b>		
22 11 16 00-0663	EA		1/4" Brass Compression Male Connector .....	11.50	7.27
22 11 16 00-0664	EA		3/8" Brass Compression Male Connector .....	11.76	7.27
22 11 16 00-0665	EA		1/2" Brass Compression Male Connector .....	12.22	7.27
22 11 16 00-0666	EA		5/8" Brass Compression Male Connector .....	12.90	7.27
22 11 16 00-0667	EA		3/4" Brass Compression Male Connector .....	13.87	7.20
<b>22 11 16 00-0668</b>			<b>Brass Compression Female Connectors (22 11 16 00-0635)</b>		
22 11 16 00-0669	EA		1/4" Brass Compression Female Connector .....	11.79	7.27
22 11 16 00-0670	EA		3/8" Brass Compression Female Connector .....	12.13	7.27
22 11 16 00-0671	EA		1/2" Brass Compression Female Connector .....	12.71	7.27
22 11 16 00-0672	EA		5/8" Brass Compression Female Connector .....	13.13	7.27
22 11 16 00-0673	EA		3/4" Brass Compression Female Connector .....	16.80	7.14
<b>22 11 16 00-0674</b>			<b>Dielectric Fittings (22 11 16 00-0345)</b>		
<b>22 11 16 00-0675</b>			<b>Copper x Female Iron Pipe Thread Dielectric Unions (22 11 16 00-0674)</b>		
22 11 16 00-0676	EA		1/2" Copper x Female Iron Pipe Thread Dielectric Union .....	30.00	16.15
22 11 16 00-0677	EA		3/4" Copper x Female Iron Pipe Thread Dielectric Union .....	33.36	18.44
22 11 16 00-0678	EA		1" Copper x Female Iron Pipe Thread Dielectric Union .....	40.41	20.26
22 11 16 00-0679	EA		1-1/4" Copper x Female Iron Pipe Thread Dielectric Union .....	49.93	22.30
22 11 16 00-0680	EA		1-1/2" Copper x Female Iron Pipe Thread Dielectric Union .....	61.31	24.79
22 11 16 00-0681	EA		2" Copper x Female Iron Pipe Thread Dielectric Union .....	78.63	29.74
<b>22 11 16 00-0682</b>			<b>Female Brass Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0674)</b>		
22 11 16 00-0683	EA		1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	33.65	16.15
22 11 16 00-0684	EA		3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	39.37	18.44
22 11 16 00-0685	EA		1" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	48.33	20.26
22 11 16 00-0686	EA		1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	60.44	22.30
22 11 16 00-0687	EA		1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	74.31	24.79
22 11 16 00-0688	EA		2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	93.88	29.74



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 16 00-0689</b> Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions <small>(22 11 16 00-0674)</small>		
22 11 16 00-0690 EA 1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	31.34	16.15
22 11 16 00-0691 EA 3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	35.56	18.44
22 11 16 00-0692 EA 1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	40.99	20.26
22 11 16 00-0693 EA 1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	47.90	22.30
22 11 16 00-0694 EA 1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	59.30	24.79
22 11 16 00-0695 EA 2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	77.01	29.74
<b>22 11 16 00-0696</b> Copper x Female Iron Pipe Thread Dielectric Flanges <small>(22 11 16 00-0674)</small>		
22 11 16 00-0697 EA 2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	189.68	76.46
22 11 16 00-0698 EA 3" Copper x Female Iron Pipe Thread Dielectric Flange.....	237.22	96.29
22 11 16 00-0699 EA 4" Copper x Female Iron Pipe Thread Dielectric Flange.....	336.52	131.04
<b>22 11 16 00-0700</b> Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges <small>(22 11 16 00-0674)</small>		
22 11 16 00-0701 EA 2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	191.19	76.46
22 11 16 00-0702 EA 3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	249.18	96.29
22 11 16 00-0703 EA 4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	474.48	131.04
<b>22 11 16 00-0704</b> Copper Pipe Assemblies <small>(22 11 16)</small>		
Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0705 LF 1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly .....	13.55	1.89
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 0.95		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 1.73		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -0.78		
<i>For Work In Restricted Working Space, Add</i> 3.16		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.20		
22 11 16 00-0706 LF 3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly .....	15.51	2.42
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 1.10		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 1.97		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -0.91		
<i>For Work In Restricted Working Space, Add</i> 3.58		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.37		
22 11 16 00-0707 LF 1" Inside Diameter Copper Pipe/Tubing Type L Assembly .....	16.99	2.89
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 1.28		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.10		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -1.04		
<i>For Work In Restricted Working Space, Add</i> 3.75		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.47		
22 11 16 00-0708 LF 1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	19.26	3.37
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 1.61		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.26		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -1.27		
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -0.63		
<i>For Work In Restricted Working Space, Add</i> 3.90		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.61		
22 11 16 00-0709 LF 1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	21.92	3.83
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 1.96		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.48		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -1.52		
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -0.81		
<i>For Work In Restricted Working Space, Add</i> 4.16		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.79		
22 11 16 00-0710 LF 2" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	30.97	4.78
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
<i>For Type K Tubing Instead Of Type L, Add</i> 3.26		
<i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.14		
<i>For Type M Tubing Instead Of Type L, Deduct</i> -2.44		
<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -1.50		
<i>For Work In Restricted Working Space, Add</i> 4.78		
<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.35		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0711	LF		2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	37.96	5.76
			<i>For Type K Tubing Instead Of Type L, Add</i>	4.32	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.61	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-3.19	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-2.09	
			<i>For Work In Restricted Working Space, Add</i>	5.13	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.75	
22 11 16 00-0712	LF		3" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	44.96	6.69
			<i>For Type K Tubing Instead Of Type L, Add</i>	5.35	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.10	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-3.91	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-2.65	
			<i>For Work In Restricted Working Space, Add</i>	5.55	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.17	
22 11 16 00-0713	LF		4" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	66.41	8.86
			<i>For Type K Tubing Instead Of Type L, Add</i>	8.36	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.71	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-6.05	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-4.25	
			<i>For Work In Restricted Working Space, Add</i>	7.18	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.52	
22 11 16 00-0714	LF		5" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	148.80	11.03
			<i>For Type K Tubing Instead Of Type L, Add</i>	21.82	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.51	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-15.40	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-11.81	
			<i>For Work In Restricted Working Space, Add</i>	9.22	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.98	
22 11 16 00-0715	LF		6" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	176.42	13.33
			<i>For Type K Tubing Instead Of Type L, Add</i>	25.52	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.72	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-18.05	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-13.74	
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.77	
22 11 16 00-0716	LF		8" Inside Diameter Copper Pipe/Tubing Type L Assembly ..... Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	337.71	15.92
			<i>For Type K Tubing Instead Of Type L, Add</i>	52.38	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.74	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-36.64	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-28.92	
			<i>For Work In Restricted Working Space, Add</i>	14.55	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-19.31	
22 11 16 00-0717			Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16)</small> Note: Socket weld.		
22 11 16 00-0718			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <small>(22 11 16 00-0717)</small>		
22 11 16 00-0719			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe <small>(22 11 16 00-0718)</small>		
22 11 16 00-0720	LF		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	3.58 0.74	0.99
22 11 16 00-0721	LF		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	4.11 0.78	1.04
22 11 16 00-0722	LF		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	5.02 0.84	1.12
22 11 16 00-0723	LF		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	6.12 0.92	1.22
22 11 16 00-0724	LF		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.09 1.01	1.35
22 11 16 00-0725	LF		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	8.90 1.13	1.51
22 11 16 00-0726	LF		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	12.15 1.29	1.72
22 11 16 00-0727	LF		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	15.56 1.52	2.03
22 11 16 00-0728	LF		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	21.62 1.87	2.50
22 11 16 00-0729	LF		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	37.70 2.38	3.17
22 11 16 00-0730	LF		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	54.31 3.12	4.17



<b>Plumbing</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>
<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 16 00-0731</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0732    EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	13.50	4.71
For Work In Restricted Working Space, Add	3.53	
22 11 16 00-0733    EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	17.55	5.95
For Work In Restricted Working Space, Add	4.46	
22 11 16 00-0734    EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	22.89	7.43
For Work In Restricted Working Space, Add	5.60	
22 11 16 00-0735    EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	31.46	9.29
For Work In Restricted Working Space, Add	6.99	
22 11 16 00-0736    EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	35.00	10.29
For Work In Restricted Working Space, Add	7.73	
22 11 16 00-0737    EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	41.19	10.29
For Work In Restricted Working Space, Add	8.63	
22 11 16 00-0738    EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	65.11	13.07
For Work In Restricted Working Space, Add	9.82	
22 11 16 00-0739    EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	73.87	15.49
For Work In Restricted Working Space, Add	11.60	
22 11 16 00-0740    EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	106.29	19.03
For Work In Restricted Working Space, Add	14.28	
22 11 16 00-0741    EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	134.06	24.16
For Work In Restricted Working Space, Add	18.14	
22 11 16 00-0742    EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	259.39	31.73
For Work In Restricted Working Space, Add	23.79	
<b>22 11 16 00-0743</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0744    EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	14.36	4.71
For Work In Restricted Working Space, Add	3.53	
22 11 16 00-0745    EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	18.59	5.95
For Work In Restricted Working Space, Add	4.46	
22 11 16 00-0746    EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	24.57	7.43
For Work In Restricted Working Space, Add	5.60	
22 11 16 00-0747    EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	33.67	9.29
For Work In Restricted Working Space, Add	6.99	
22 11 16 00-0748    EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	37.68	10.29
For Work In Restricted Working Space, Add	7.73	
22 11 16 00-0749    EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	42.10	11.52
For Work In Restricted Working Space, Add	8.63	
22 11 16 00-0750    EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	65.69	13.07
For Work In Restricted Working Space, Add	9.82	
22 11 16 00-0751    EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	73.79	15.49
For Work In Restricted Working Space, Add	11.60	
22 11 16 00-0752    EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	95.77	19.03
For Work In Restricted Working Space, Add	14.28	
22 11 16 00-0753    EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	153.78	24.16
For Work In Restricted Working Space, Add	18.14	
22 11 16 00-0754    EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	273.36	31.73
For Work In Restricted Working Space, Add	23.79	
<b>22 11 16 00-0755</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0756    EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	20.79	7.06
For Work In Restricted Working Space, Add	5.30	
22 11 16 00-0757    EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	27.31	8.92
For Work In Restricted Working Space, Add	6.69	
22 11 16 00-0758    EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	34.16	11.22
For Work In Restricted Working Space, Add	8.40	
22 11 16 00-0759    EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	47.93	14.00
For Work In Restricted Working Space, Add	10.48	
22 11 16 00-0760    EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	53.55	15.49
For Work In Restricted Working Space, Add	11.60	
22 11 16 00-0761    EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	65.32	17.22
For Work In Restricted Working Space, Add	12.94	
22 11 16 00-0762    EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	85.53	19.64
For Work In Restricted Working Space, Add	14.72	
22 11 16 00-0763    EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	97.67	23.17
For Work In Restricted Working Space, Add	17.40	
22 11 16 00-0764    EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	118.24	28.56
For Work In Restricted Working Space, Add	21.41	
22 11 16 00-0765    EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	182.28	36.31
For Work In Restricted Working Space, Add	27.21	
22 11 16 00-0766    EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	381.13	47.59
For Work In Restricted Working Space, Add	35.69	
<b>22 11 16 00-0767</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0768    EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross .....	26.25	9.42
For Work In Restricted Working Space, Add	7.07	
22 11 16 00-0769    EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross .....	34.05	11.89
For Work In Restricted Working Space, Add	8.92	
22 11 16 00-0770    EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross .....	42.61	14.93
For Work In Restricted Working Space, Add	11.19	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0771	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	57.79 13.98	18.65
22 11 16 00-0772	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	64.37 15.47	20.63
22 11 16 00-0773	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	76.62 17.25	22.99
22 11 16 00-0774	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	96.83 19.63	26.15
22 11 16 00-0775	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	111.49 23.20	30.92
22 11 16 00-0776	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	135.53 28.55	38.04
22 11 16 00-0777	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	199.81 36.28	48.39
22 11 16 00-0778	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	384.42 47.58	63.44
<b>22 11 16 00-0779</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0780	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	11.94 3.27	4.34
22 11 16 00-0781	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	16.70 4.41	5.88
22 11 16 00-0782	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	28.41 5.76	7.69
22 11 16 00-0783	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	32.12 6.38	8.48
22 11 16 00-0784	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	37.99 7.12	9.48
22 11 16 00-0785	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	41.28 8.11	10.78
22 11 16 00-0786	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	50.17 9.57	12.76
22 11 16 00-0787	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	68.54 11.78	15.68
22 11 16 00-0788	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	112.20 14.96	19.95
22 11 16 00-0789	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	252.94 19.63	26.15
<b>22 11 16 00-0790</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0791	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	14.51 2.33	3.10
22 11 16 00-0792	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	18.19 3.27	4.34
22 11 16 00-0793	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	22.50 4.41	5.88
22 11 16 00-0794	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	27.91 5.76	7.69
22 11 16 00-0795	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	32.86 6.38	8.48
22 11 16 00-0796	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	41.68 7.12	9.48
22 11 16 00-0797	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	65.38 8.11	10.78
22 11 16 00-0798	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	132.11 9.57	12.76
22 11 16 00-0799	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	197.20 11.78	15.68
<b>22 11 16 00-0800</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0801	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	10.34 2.33	3.10
22 11 16 00-0802	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	14.41 3.27	4.34
22 11 16 00-0803	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	20.58 4.41	5.88
22 11 16 00-0804	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	27.91 5.76	7.69
22 11 16 00-0805	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	33.03 6.38	8.48
22 11 16 00-0806	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <i>For Work In Restricted Working Space, Add</i>	39.64 7.12	9.48



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0807	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	57.14	10.78
			<i>For Work In Restricted Working Space, Add</i>	8.11	
22 11 16 00-0808	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	68.33	12.76
			<i>For Work In Restricted Working Space, Add</i>	9.57	
22 11 16 00-0809	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	100.86	15.68
			<i>For Work In Restricted Working Space, Add</i>	11.78	
<b>22 11 16 00-0810</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0811	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	11.32	3.10
			<i>For Work In Restricted Working Space, Add</i>	2.33	
22 11 16 00-0812	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	14.72	4.34
			<i>For Work In Restricted Working Space, Add</i>	3.27	
22 11 16 00-0813	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	20.67	5.88
			<i>For Work In Restricted Working Space, Add</i>	4.41	
22 11 16 00-0814	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	28.20	7.69
			<i>For Work In Restricted Working Space, Add</i>	5.76	
22 11 16 00-0815	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	31.71	8.48
			<i>For Work In Restricted Working Space, Add</i>	6.38	
22 11 16 00-0816	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	38.56	9.48
			<i>For Work In Restricted Working Space, Add</i>	7.12	
22 11 16 00-0817	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	57.76	10.78
			<i>For Work In Restricted Working Space, Add</i>	8.11	
22 11 16 00-0818	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	79.21	12.76
			<i>For Work In Restricted Working Space, Add</i>	9.57	
22 11 16 00-0819	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters .....	119.35	15.68
			<i>For Work In Restricted Working Space, Add</i>	11.78	
<b>22 11 16 00-0820</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0821	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	9.26	2.85
			<i>For Work In Restricted Working Space, Add</i>	2.12	
22 11 16 00-0822	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	13.03	3.96
			<i>For Work In Restricted Working Space, Add</i>	2.98	
22 11 16 00-0823	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	17.52	5.33
			<i>For Work In Restricted Working Space, Add</i>	4.00	
22 11 16 00-0824	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	23.72	7.00
			<i>For Work In Restricted Working Space, Add</i>	5.24	
22 11 16 00-0825	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	27.21	7.75
			<i>For Work In Restricted Working Space, Add</i>	5.80	
22 11 16 00-0826	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	30.71	8.62
			<i>For Work In Restricted Working Space, Add</i>	6.47	
22 11 16 00-0827	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	46.48	9.79
			<i>For Work In Restricted Working Space, Add</i>	7.36	
22 11 16 00-0828	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	51.15	11.59
			<i>For Work In Restricted Working Space, Add</i>	8.70	
22 11 16 00-0829	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	64.73	14.25
			<i>For Work In Restricted Working Space, Add</i>	10.71	
22 11 16 00-0830	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	102.65	18.16
			<i>For Work In Restricted Working Space, Add</i>	13.61	
22 11 16 00-0831	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	175.56	23.80
			<i>For Work In Restricted Working Space, Add</i>	17.84	
<b>22 11 16 00-0832</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0833	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	17.87	3.41
			<i>For Work In Restricted Working Space, Add</i>	2.54	
22 11 16 00-0834	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	21.74	4.77
			<i>For Work In Restricted Working Space, Add</i>	3.57	
22 11 16 00-0835	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	26.15	6.39
			<i>For Work In Restricted Working Space, Add</i>	4.80	
22 11 16 00-0836	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	44.83	8.36
			<i>For Work In Restricted Working Space, Add</i>	6.28	
22 11 16 00-0837	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	47.49	9.29
			<i>For Work In Restricted Working Space, Add</i>	6.95	
22 11 16 00-0838	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	66.25	10.35
			<i>For Work In Restricted Working Space, Add</i>	7.77	
22 11 16 00-0839	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	113.10	11.77
			<i>For Work In Restricted Working Space, Add</i>	8.83	
22 11 16 00-0840	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	161.26	13.94
			<i>For Work In Restricted Working Space, Add</i>	10.45	
22 11 16 00-0841	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	257.75	17.10
			<i>For Work In Restricted Working Space, Add</i>	12.84	
22 11 16 00-0842	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	344.69	21.75
			<i>For Work In Restricted Working Space, Add</i>	16.32	
22 11 16 00-0843	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions .....	425.98	28.56
			<i>For Work In Restricted Working Space, Add</i>	21.41	
<b>22 11 16 00-0844</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps</b> <small>(22 11 16 00-0718)</small>		
22 11 16 00-0845	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap .....	5.83	0.93
			<i>For Work In Restricted Working Space, Add</i>	0.71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0846	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	9.89 1.49	1.99
22 11 16 00-0847	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	16.71 2.40	3.22
22 11 16 00-0848	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	18.30 2.62	3.47
22 11 16 00-0849	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	19.41 2.90	3.84
22 11 16 00-0850	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	26.48 3.23	4.34
22 11 16 00-0851	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	40.54 3.68	4.89
22 11 16 00-0852	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	43.42 4.35	5.82
22 11 16 00-0853	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	66.63 5.36	7.12
22 11 16 00-0854	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	144.06 6.80	9.05
22 11 16 00-0855	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	185.60 8.92	11.89
<b>22 11 16 00-0856</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges</b> (22 11 16 00-0718)		
22 11 16 00-0857	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	14.03 1.69	2.23
22 11 16 00-0858	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	16.92 2.38	3.16
22 11 16 00-0859	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	20.66 3.20	4.28
22 11 16 00-0860	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	24.30 4.20	5.58
22 11 16 00-0861	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	26.03 4.65	6.19
22 11 16 00-0862	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	31.24 5.17	6.88
22 11 16 00-0863	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	41.52 5.89	7.87
22 11 16 00-0864	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	47.03 6.95	9.29
22 11 16 00-0865	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	58.80 8.57	11.40
22 11 16 00-0866	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	83.85 10.89	14.50
22 11 16 00-0867	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	154.83 14.28	19.03
<b>22 11 16 00-0868</b>			<b>Cross-Linked Polyethylene Tubing, ASTM F877</b> (22 11 16) Note: Aboveground, domestic water usage.		
<b>22 11 16 00-0869</b>			<b>Cross-Linked Polyethylene Tubing</b> (22 11 16 00-0868)		
22 11 16 00-0870	LF		3/8" Cross-Linked Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	2.30 0.59	
22 11 16 00-0871	LF		1/2" Cross-Linked Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	2.50 0.63	
22 11 16 00-0872	LF		3/4" Cross-Linked Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	2.99 0.68	
22 11 16 00-0873	LF		1" Cross-Linked Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	3.62 0.72	
<b>22 11 16 00-0874</b>			<b>Cross-Linked Polyethylene Forged Brass PEX Fittings</b> (22 11 16 00-0868) Note: Aboveground, domestic water usage.		
<b>22 11 16 00-0875</b>			<b>Male Adapters</b> (22 11 16 00-0874)		
22 11 16 00-0876	EA		3/8" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	11.53 3.03	
22 11 16 00-0877	EA		1/2" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	12.38 3.23	
22 11 16 00-0878	EA		1/2" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	13.38 3.43	
22 11 16 00-0879	EA		3/4" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	14.06 3.64	
22 11 16 00-0880	EA		3/4" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	13.38 3.43	
22 11 16 00-0881	EA		1" x 1", (PE x Threaded) Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	16.88 4.04	
<b>22 11 16 00-0882</b>			<b>Female Adapters</b> (22 11 16 00-0874)		
22 11 16 00-0883	EA		1/2" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	12.54 3.23	





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0884 EA 1/2" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing .....	13.84	
For Work In Restricted Working Space, Add	3.43	
22 11 16 00-0885 EA 3/4" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing .....	14.52	
For Work In Restricted Working Space, Add	3.64	
22 11 16 00-0886 EA 3/4" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing .....	13.84	
For Work In Restricted Working Space, Add	3.43	
22 11 16 00-0887 EA 1" x 1", (PE x Threaded) Female Adapter For PEX Tubing .....	17.09	
For Work In Restricted Working Space, Add	4.04	
<b>22 11 16 00-0888 Tube Adapters (22 11 16 00-0874)</b>		
22 11 16 00-0889 EA 3/8" x 1/2" Tube Adapter For PEX Tubing .....	10.85	
For Work In Restricted Working Space, Add	3.03	
22 11 16 00-0890 EA 1/2" Tube Adapter For PEX Tubing .....	11.53	
For Work In Restricted Working Space, Add	3.23	
22 11 16 00-0891 EA 3/4" Tube Adapter For PEX Tubing .....	13.52	
For Work In Restricted Working Space, Add	3.64	
22 11 16 00-0892 EA 1" Tube Adapter For PEX Tubing .....	16.45	
For Work In Restricted Working Space, Add	4.04	
<b>22 11 16 00-0893 Plugs (22 11 16 00-0874)</b>		
22 11 16 00-0894 EA 3/8" Plug For PEX Tubing .....	5.30	
For Work In Restricted Working Space, Add	1.41	
22 11 16 00-0895 EA 1/2" Plug For PEX Tubing .....	5.97	
For Work In Restricted Working Space, Add	1.61	
22 11 16 00-0896 EA 3/4" Plug For PEX Tubing .....	6.82	
For Work In Restricted Working Space, Add	1.82	
22 11 16 00-0897 EA 1" Plug For PEX Tubing .....	8.13	
For Work In Restricted Working Space, Add	2.02	
<b>22 11 16 00-0898 Tees (22 11 16 00-0874)</b>		
22 11 16 00-0899 EA 3/8" Tee For PEX Tubing .....	15.37	
For Work In Restricted Working Space, Add	4.24	
22 11 16 00-0900 EA 1/2" Tee For PEX Tubing .....	17.38	
For Work In Restricted Working Space, Add	4.85	
22 11 16 00-0901 EA 3/4" Tee For PEX Tubing .....	20.24	
For Work In Restricted Working Space, Add	5.45	
22 11 16 00-0902 EA 1" Tee For PEX Tubing .....	24.62	
For Work In Restricted Working Space, Add	6.06	
22 11 16 00-0903 EA 1/2" Reducing Tee For PEX Tubing .....	16.71	
For Work In Restricted Working Space, Add	4.64	
22 11 16 00-0904 EA 3/4" Reducing Tee For PEX Tubing .....	18.90	
For Work In Restricted Working Space, Add	5.05	
22 11 16 00-0905 EA 1" Reducing Tee For PEX Tubing .....	22.27	
For Work In Restricted Working Space, Add	5.45	
<b>22 11 16 00-0906 Couplings (22 11 16 00-0874)</b>		
22 11 16 00-0907 EA 3/8" Coupling For PEX Tubing .....	10.06	
For Work In Restricted Working Space, Add	2.83	
22 11 16 00-0908 EA 1/2" Coupling For PEX Tubing .....	11.44	
For Work In Restricted Working Space, Add	3.23	
22 11 16 00-0909 EA 3/4" Coupling For PEX Tubing .....	13.00	
For Work In Restricted Working Space, Add	3.64	
22 11 16 00-0910 EA 1" Coupling For PEX Tubing .....	15.32	
For Work In Restricted Working Space, Add	4.04	
22 11 16 00-0911 EA 3/4" x 1/2" Reducing Coupling For PEX Tubing .....	12.32	
For Work In Restricted Working Space, Add	3.43	
22 11 16 00-0912 EA 1" x 3/4" Reducing Coupling For PEX Tubing .....	14.64	
For Work In Restricted Working Space, Add	3.83	
<b>22 11 16 00-0913 Fitting Reducers (22 11 16 00-0874)</b>		
22 11 16 00-0914 EA 3/8" x 1/2" Fitting Reducer For PEX Tubing .....	10.97	
For Work In Restricted Working Space, Add	3.03	
22 11 16 00-0915 EA 1/2" Fitting Reducer For PEX Tubing .....	11.65	
For Work In Restricted Working Space, Add	3.23	
22 11 16 00-0916 EA 3/4" Fitting Reducer For PEX Tubing .....	13.77	
For Work In Restricted Working Space, Add	3.64	
22 11 16 00-0917 EA 1" Fitting Reducer For PEX Tubing .....	17.89	
For Work In Restricted Working Space, Add	4.04	
<b>22 11 16 00-0918 90 Degree Elbows (22 11 16 00-0874)</b>		
22 11 16 00-0919 EA 3/8" 90 Degree Elbow For PEX Tubing .....	10.44	
For Work In Restricted Working Space, Add	2.83	
22 11 16 00-0920 EA 1/2" 90 Degree Elbow For PEX Tubing .....	11.78	
For Work In Restricted Working Space, Add	3.23	
22 11 16 00-0921 EA 3/4" 90 Degree Elbow For PEX Tubing .....	13.77	
For Work In Restricted Working Space, Add	3.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0922	EA		3/4" x 1/2" 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	13.09 3.43	
22 11 16 00-0923	EA		1/2" Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	14.40 3.23	
22 11 16 00-0924	EA		3/4" Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	16.13 3.64	
22 11 16 00-0925	EA		3/4" x 1/2" Drop 90 Degree Elbow For PEX Tubing..... <i>For Work In Restricted Working Space, Add</i>	15.45 3.43	
<b>22 11 19 Domestic Water Piping Specialties (22 11)</b>					
<b>22 11 19 00-0001 Rubber Hose And Clamps (22 11 19)</b>					
<b>22 11 19 00-0002 General Purpose Hose (22 11 19 00-0001)</b>					
Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.					
22 11 19 00-0003	LF		3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.27	1.34
22 11 19 00-0004	LF		1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.34	1.34
22 11 19 00-0005	LF		5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.50	1.34
22 11 19 00-0006	LF		3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	6.46	1.34
22 11 19 00-0007	LF		1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	8.19	2.01
22 11 19 00-0008	LF		1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	9.29	2.01
22 11 19 00-0009	LF		1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	10.88	2.68
<b>22 11 19 00-0010 Chemical Resistant Rubber Hoses (22 11 19 00-0001)</b>					
22 11 19 00-0011	EA		50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose.....	948.49	154.22
22 11 19 00-0012	EA		50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,367.83	154.22
<b>22 11 19 00-0013 Water Pump Hose (22 11 19 00-0001)</b>					
22 11 19 00-0014	EA		2" Inside Diameter, 20' Rubber Discharge Hose.....	158.98	40.96
22 11 19 00-0015	EA		2" Inside Diameter, 20' Rubber Intake Hose.....	164.93	40.96
<b>22 11 19 00-0016 Serrated Shank Nipple (22 11 19 00-0001)</b>					
Note: For use as medium pressure coupling.					
22 11 19 00-0017	EA		3/8" Inside Diameter Hose x 1/2" Male Pipe Thread Serrated Shank Nipple.....	14.71	3.35
22 11 19 00-0018	EA		1/2" Inside Diameter Hose x 5/8" Male Pipe Thread Serrated Shank Nipple.....	14.62	3.35
22 11 19 00-0019	EA		5/8" Inside Diameter Hose x 3/4" Male Pipe Thread Serrated Shank Nipple.....	14.62	3.35
22 11 19 00-0020	EA		3/4" Inside Diameter Hose x 1" Male Pipe Thread Serrated Shank Nipple.....	18.62	4.69
22 11 19 00-0021	EA		1" Inside Diameter Hose x 1-1/4" Male Pipe Thread Serrated Shank Nipple.....	19.64	4.69
22 11 19 00-0022	EA		1-1/4" Inside Diameter Hose x 1-1/2" Male Pipe Thread Serrated Shank Nipple.....	36.86	8.72
22 11 19 00-0023	EA		1-1/2" Inside Diameter Hose x 2" Male Pipe Thread Serrated Shank Nipple.....	45.66	10.73
<b>22 11 19 00-0024 Worm-Drive Hose Clamp (22 11 19 00-0001)</b>					
22 11 19 00-0025	EA		3/8" To 1" Diameter Worm Drive Hose Clamp.....	6.90	2.01
22 11 19 00-0026	EA		1/2" To 1-1/8" Diameter Worm Drive Hose Clamp.....	7.31	2.01
22 11 19 00-0027	EA		5/8" To 1-1/2" Diameter Worm Drive Hose Clamp.....	7.74	2.01
22 11 19 00-0028	EA		3/4" To 2" Diameter Worm Drive Hose Clamp.....	8.24	2.01
22 11 19 00-0029	EA		1" To 2-1/2" Diameter Worm Drive Hose Clamp.....	8.81	2.01
22 11 19 00-0030	EA		1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp.....	9.53	2.68
22 11 19 00-0031	EA		1-1/2" To 3" Diameter Worm Drive Hose Clamp.....	10.29	2.68
<b>22 11 19 00-0032 Trap Primer And Accessories (22 11 19)</b>					
<b>22 11 19 00-0033 Trap Primer (22 11 19 00-0032)</b>					
22 11 19 00-0034	EA		1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699).....	133.55	10.09
22 11 19 00-0035	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500).....	82.38	6.73
22 11 19 00-0036	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500).....	79.97	6.73
<b>22 11 19 00-0037 Trap Primer Distribution Unit (22 11 19 00-0032)</b>					
22 11 19 00-0038	EA		Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U)..... Note: Can be used for two, three or four drains.	75.97	13.46
22 11 19 00-0039	EA		Copper Four Opening Trap Primer Distribution Unit (PPP DU-4)..... Note: Can be used for two, three or four drains.	82.46	13.46
<b>22 11 19 00-0040 Trap Primer Manifold (22 11 19 00-0032)</b>					
22 11 19 00-0041	EA		Two Outlet Manifold.....	108.15	18.11
22 11 19 00-0042	EA		Four Outlet Manifold.....	160.65	20.60
22 11 19 00-0043	EA		Six Outlet Manifold.....	211.41	21.81
22 11 19 00-0044	EA		Eight Outlet Manifold.....	265.12	25.58
<b>22 11 19 00-0045 Brass, Anti Siphon Vacuum Breakers (22 11 19)</b>					
Note: Watts 288A					
22 11 19 00-0046	EA		1/2" Brass, Anti Siphon Vacuum Breaker.....	54.20	16.83



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0047 EA 3/4" Brass, Anti Siphon Vacuum Breaker .....	61.91	18.84
22 11 19 00-0048 EA 1" Brass, Anti Siphon Vacuum Breaker .....	117.36	21.54
22 11 19 00-0049 EA 1-1/4" Brass, Anti Siphon Vacuum Breaker .....	181.50	24.90
22 11 19 00-0050 EA 1-1/2" Brass, Anti Siphon Vacuum Breaker .....	216.43	27.59
22 11 19 00-0051 EA 2" Brass, Anti Siphon Vacuum Breaker .....	312.68	33.65
22 11 19 00-0052 EA 2-1/2" Brass, Anti Siphon Vacuum Breaker .....	794.55	42.06
<b>22 11 19 00-0053 Anti Siphon Pressure Vacuum Breakers (22 11 19)</b>		
Note: Watts 800M4QT		
22 11 19 00-0054 EA 1/2" Anti Siphon Pressure Type Vacuum Breaker .....	141.24	16.83
22 11 19 00-0055 EA 3/4" Anti Siphon Pressure Type Vacuum Breaker .....	125.66	18.84
22 11 19 00-0056 EA 1" Anti Siphon Pressure Type Vacuum Breaker .....	176.57	21.54
22 11 19 00-0057 EA 1-1/4" Anti Siphon Pressure Type Vacuum Breaker .....	311.75	24.90
22 11 19 00-0058 EA 1-1/2" Anti Siphon Pressure Type Vacuum Breaker .....	378.98	27.59
22 11 19 00-0059 EA 2" Anti Siphon Pressure Type Vacuum Breaker .....	385.49	33.65
<b>22 11 19 00-0060 Bellows Type Water Hammer Arrestors (22 11 19)</b>		
22 11 19 00-0061 EA Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005) .....	125.40	8.05
22 11 19 00-0062 EA >11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010) .....	241.91	9.74
22 11 19 00-0063 EA >32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020) .....	352.18	9.74
22 11 19 00-0064 EA >60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030) .....	853.60	9.74
22 11 19 00-0065 EA >113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040) .....	961.01	9.74
22 11 19 00-0066 EA >154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050) .....	1,176.45	9.74
<b>22 11 19 00-0067 Piston Type Water Hammer Arrestors (22 11 19)</b>		
<b>22 11 19 00-0068 Threaded Piston Type Water Hammer Arrestors (22 11 19 00-0067)</b>		
22 11 19 00-0069 EA Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A) .....	75.52	4.49
22 11 19 00-0070 EA >11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B) .....	143.45	5.17
22 11 19 00-0071 EA >32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C) .....	212.22	5.61
22 11 19 00-0072 EA >60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D) .....	518.99	7.24
22 11 19 00-0073 EA >113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E) .....	632.19	8.97
22 11 19 00-0074 EA >154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F) .....	719.15	9.74
<b>22 11 19 00-0075 Escutcheons (22 11 19)</b>		
<b>22 11 19 00-0076 Brass Escutcheons (22 11 19 00-0075)</b>		
<b>22 11 19 00-0077 Shallow Brass Escutcheons (22 11 19 00-0076)</b>		
22 11 19 00-0078 EA 3/8" IPS, Antique Or Polished Brass Shallow Escutcheon .....	9.13	1.68
22 11 19 00-0079 EA 1/2" IPS, Antique Or Polished Brass Shallow Escutcheon .....	9.96	1.68
<b>22 11 19 00-0080 Deep Bell Brass Escutcheons (22 11 19 00-0076)</b>		
22 11 19 00-0081 EA 3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon .....	11.04	1.89
22 11 19 00-0082 EA 1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon .....	11.06	1.89
<b>22 11 19 00-0083 Chrome Plated Brass Escutcheons With Setscrew (22 11 19 00-0076)</b>		
22 11 19 00-0084 EA 3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	11.52	1.68
22 11 19 00-0085 EA 1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	11.64	1.68
22 11 19 00-0086 EA 5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	11.81	1.68
22 11 19 00-0087 EA 3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	12.43	1.68
22 11 19 00-0088 EA 7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	12.65	2.02
22 11 19 00-0089 EA 1" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	13.25	2.02
22 11 19 00-0090 EA 1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	13.76	2.22
22 11 19 00-0091 EA 1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	14.41	2.36
22 11 19 00-0092 EA 2" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	20.49	2.69
<b>22 11 19 00-0093 Plastic Escutcheons (22 11 19 00-0075)</b>		
<b>22 11 19 00-0094 Split-Ring White Plastic Escutcheons (22 11 19 00-0093)</b>		
22 11 19 00-0095 EA 3/8" IPS, Split-Ring White Plastic Escutcheon .....	3.58	1.68
22 11 19 00-0096 EA 1/2" IPS, Split-Ring White Plastic Escutcheon .....	3.58	1.68
22 11 19 00-0097 EA 3/4" IPS, Split-Ring White Plastic Escutcheon .....	4.03	1.88

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0098	EA		1" IPS, Split-Ring White Plastic Escutcheon.....	4.38	2.01
22 11 19 00-0099	EA		1-1/4" IPS, Split-Ring White Plastic Escutcheon.....	4.74	2.21
22 11 19 00-0100	EA		1-1/2" IPS, Split-Ring White Plastic Escutcheon.....	5.09	2.34
22 11 19 00-0101	EA		2" IPS, Split-Ring White Plastic Escutcheon.....	5.80	2.68
22 11 19 00-0102	EA		2-1/2" IPS, Split-Ring White Plastic Escutcheon.....	6.62	2.89
22 11 19 00-0103	EA		3" IPS, Split-Ring White Plastic Escutcheon.....	7.44	3.02
22 11 19 00-0104	EA		4" IPS, Split-Ring White Plastic Escutcheon.....	8.60	3.35
<b>22 11 19 00-0105</b>			<b>Chrome Plate Plastic Escutcheons (22 11 19 00-0093)</b>		
22 11 19 00-0106	EA		1/2" IPS, Chrome Plate Plastic Escutcheon.....	3.99	1.68
22 11 19 00-0107	EA		3/4" IPS, Chrome Plate Plastic Escutcheon.....	4.38	1.88
22 11 19 00-0108	EA		1" IPS, Chrome Plate Plastic Escutcheon.....	4.83	2.01
22 11 19 00-0109	EA		1-1/4" IPS, Chrome Plate Plastic Escutcheon.....	5.29	2.21
22 11 19 00-0110	EA		1-1/2" IPS, Chrome Plate Plastic Escutcheon.....	5.63	2.34
22 11 19 00-0111	EA		2" IPS, Chrome Plate Plastic Escutcheon.....	6.73	2.68
22 11 19 00-0112	EA		2-1/2" IPS, Chrome Plate Plastic Escutcheon.....	8.29	2.89
22 11 19 00-0113	EA		3" IPS, Chrome Plate Plastic Escutcheon.....	8.67	3.02
22 11 19 00-0114	EA		4" IPS, Chrome Plate Plastic Escutcheon.....	9.45	3.35
<b>22 11 19 00-0115</b>			<b>Stainless Steel Escutcheons (22 11 19 00-0075)</b>		
<b>22 11 19 00-0116</b>			<b>Shallow Stainless Steel Escutcheons (22 11 19 00-0115)</b>		
22 11 19 00-0117	EA		3/8" IPS, Shallow Stainless Steel Escutcheon.....	9.77	1.68
22 11 19 00-0118	EA		1/2" IPS, Shallow Stainless Steel Escutcheon.....	9.77	1.68
22 11 19 00-0119	EA		3/4" IPS, Shallow Stainless Steel Escutcheon.....	13.75	1.89
<b>22 11 19 00-0120</b>			<b>Chrome Plated Steel Escutcheons (22 11 19 00-0075)</b>		
<b>22 11 19 00-0121</b>			<b>Split-Ring Chrome Plated Steel Escutcheons (22 11 19 00-0120)</b>		
22 11 19 00-0122	EA		1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	3.70	1.68
22 11 19 00-0123	EA		3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	4.04	1.88
22 11 19 00-0124	EA		1" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	4.44	2.01
22 11 19 00-0125	EA		1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	4.78	2.21
22 11 19 00-0126	EA		1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	5.11	2.34
22 11 19 00-0127	EA		2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	5.89	2.68
22 11 19 00-0128	EA		2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	8.60	2.89
22 11 19 00-0129	EA		3" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	9.12	3.02
22 11 19 00-0130	EA		3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	11.12	3.22
22 11 19 00-0131	EA		4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	9.96	3.35
22 11 19 00-0132	EA		5" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	12.71	3.69
22 11 19 00-0133	EA		6" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	14.75	4.02
<b>22 11 19 00-0134</b>			<b>Split-Ring/Springs Chrome Plated Steel Escutcheons (22 11 19 00-0120)</b>		
22 11 19 00-0135	EA		3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	5.69	1.68
22 11 19 00-0136	EA		1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	5.69	1.68
22 11 19 00-0137	EA		3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	6.11	1.88
22 11 19 00-0138	EA		1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	6.67	2.01
22 11 19 00-0139	EA		1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	7.29	2.21
22 11 19 00-0140	EA		1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	7.72	2.34
22 11 19 00-0141	EA		2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	9.14	2.68
22 11 19 00-0142	EA		2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	10.46	2.89
22 11 19 00-0143	EA		3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	12.66	3.02
22 11 19 00-0144	EA		3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	15.44	3.22
22 11 19 00-0145	EA		4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	15.69	3.35
22 11 19 00-0146	EA		5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	25.49	3.69
22 11 19 00-0147	EA		6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	26.64	4.02
<b>22 11 19 00-0148</b>			<b>Deep Bell Chrome Plated Steel Escutcheons (22 11 19 00-0120)</b>		
22 11 19 00-0149	EA		3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	4.50	1.89
22 11 19 00-0150	EA		1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	4.44	1.89
22 11 19 00-0151	EA		3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	4.32	1.89
22 11 19 00-0152	EA		1" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	4.78	2.02
22 11 19 00-0153	EA		1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.19	2.22
22 11 19 00-0154	EA		1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.69	2.36
<b>22 11 19 00-0155</b>			<b>Shallow Chrome Plated Steel Escutcheons (22 11 19 00-0120)</b>		
22 11 19 00-0156	EA		3/8" IPS, Shallow Chrome Plated Steel Escutcheon.....	4.09	1.68
22 11 19 00-0157	EA		1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	4.09	1.68
22 11 19 00-0158	EA		3/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	4.14	1.68
22 11 19 00-0159	EA		1" IPS, Shallow Chrome Plated Steel Escutcheon.....	4.43	2.02
22 11 19 00-0160	EA		1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	4.80	2.22
22 11 19 00-0161	EA		1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.30	2.36
22 11 19 00-0162	EA		2" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.01	2.69



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0163 <b>Wall Hydrants</b> <small>(22 11 19)</small> Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0164 <b>Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants</b> <small>(22 11 19 00-0163)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0165 EA 6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	453.64	16.83
For Cast Bronze Box, Add	23.04	
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0166 EA 12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	478.43	20.19
For Cast Bronze Box, Add	23.04	
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0167 EA 18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	492.21	24.30
For Cast Bronze Box, Add	23.04	
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0168 <b>Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants</b> <small>(22 11 19 00-0163)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0169 EA Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant .....	458.66	28.27
For Cast Bronze Box, Add	23.04	
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0170 <b>Cast Bronze Non-Freezing Wall Hydrant</b> <small>(22 11 19 00-0163)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0171 EA 3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	248.46	20.86
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0172 EA 4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	306.81	20.86
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0173 EA 6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	306.81	20.86
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0174 EA 8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	306.81	20.86
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0175 EA 10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	320.38	42.06
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0176 EA 12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	320.38	42.06
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0177 EA 18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant .....	361.00	42.06
For 1" NPT Outlet, Add	54.31	
22 11 19 00-0178 <b>Washer Boxes And Dryer Outlets</b> <small>(22 11 19)</small>		
22 11 19 00-0179 <b>Dryer Vent Kit</b> <small>(22 11 19 00-0178)</small> Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0180 EA Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps .....	50.74	8.75
22 11 19 00-0181 <b>Washer Boxes And Dryer Vents</b> <small>(22 11 19 00-0178)</small> Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0182 EA 2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves .....	159.67	13.46
22 11 19 00-0183 <b>Ice Maker Outlet Box</b> <small>(22 11 19)</small> Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0184 EA Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount .....	88.37	13.46
22 11 19 00-0185 EA Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount .....	113.09	13.46
22 11 19 00-0186 EA Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	126.69	13.46
22 11 19 00-0187 <b>Tempering Controllers For Potable Hot Water</b> <small>(22 11 19)</small>		
22 11 19 00-0188 <b>Point-Of-Use Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0187)</small> Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0189 EA 1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007).....	253.22	16.87
22 11 19 00-0190 EA 1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004).....	128.16	16.87
22 11 19 00-0191 EA 1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008).....	138.09	16.87
22 11 19 00-0192 EA 3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016).....	214.52	22.73
22 11 19 00-0193 <b>Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0187)</small> Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0194 EA 3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025) .....	623.45	24.33
22 11 19 00-0195 EA 3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045) .....	701.81	29.97
22 11 19 00-0196 EA 1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080).....	842.44	34.86
22 11 19 00-0197 EA 1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130).....	1,088.66	36.64

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0198	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200) .....	1,460.79	47.54
<b>22 11 19 00-0199</b>		<b>High Low Temperature Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0187)</small> Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0200	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045) .....	1,541.23	37.47
22 11 19 00-0201	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080) .....	1,998.58	43.57
22 11 19 00-0202	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130) .....	2,328.46	45.80
22 11 19 00-0203	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200) .....	2,583.87	59.41
<b>22 11 19 00-0204</b>		<b>Thermostatic Mixing Valves (Leonard)</b> <small>(22 11 19 00-0187)</small> Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0205	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) .....	574.78	24.33
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0206	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) .....	676.76	29.97
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0207	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) .....	831.68	34.86
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0208	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) .....	1,016.64	36.66
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0209	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) .....	1,510.13	47.54
		Note: For hot water or two pipe low pressure steam.		
<b>22 11 19 00-0210</b>		<b>Water Mixing/Self Operating Temperature Regulator</b> <small>(22 11 19 00-0187)</small> Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0211	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	1,231.04	33.65
22 11 19 00-0212	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	1,312.71	42.40
22 11 19 00-0213	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	1,451.94	51.15
22 11 19 00-0214	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	1,603.43	59.90
22 11 19 00-0215	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	1,895.76	78.74
22 11 19 00-0216	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator) .....	2,221.61	89.78
<b>22 11 19 00-0217</b>		<b>Backflow Preventer Valves</b> <small>(22 11 19)</small>		
<b>22 11 19 00-0218</b>		<b>Double Check Valve Backflow Preventer Assemblies</b> <small>(22 11 19 00-0217)</small>		
<b>22 11 19 00-0219</b>		<b>Threaded Double Check Valve Assemblies</b> <small>(22 11 19 00-0218)</small>		
<b>22 11 19 00-0220</b>		<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0219)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0221	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	222.97	18.04
		For Work In Restricted Working Space, Add	13.53	
		For Owner Furnished Material, Deduct	-177.88	
22 11 19 00-0222	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	264.74	25.58
		For Work In Restricted Working Space, Add	19.18	
		For Owner Furnished Material, Deduct	-200.81	
22 11 19 00-0223	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	305.91	31.22
		For Work In Restricted Working Space, Add	23.42	
		For Owner Furnished Material, Deduct	-227.84	
22 11 19 00-0224	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	425.59	36.35
		For Work In Restricted Working Space, Add	27.26	
		For Owner Furnished Material, Deduct	-334.73	
22 11 19 00-0225	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	525.71	41.73
		For Work In Restricted Working Space, Add	31.09	
		For Owner Furnished Material, Deduct	-422.07	
22 11 19 00-0226	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series) .....	607.80	53.84
		For Work In Restricted Working Space, Add	40.38	
		For Owner Furnished Material, Deduct	-473.20	
<b>22 11 19 00-0227</b>		<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer</b> <small>(22 11 19 00-0219)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0228	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) .....	273.87	18.04
		For Work In Restricted Working Space, Add	13.53	
		For Owner Furnished Material, Deduct	-228.78	
22 11 19 00-0229	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S) .....	339.29	25.58
		For Work In Restricted Working Space, Add	19.18	
		For Owner Furnished Material, Deduct	-275.36	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0230	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	397.30	31.22
			<i>For Work In Restricted Working Space, Add</i>	23.42	
			<i>For Owner Furnished Material, Deduct</i>	-319.23	
22 11 19 00-0231	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	555.80	36.35
			<i>For Work In Restricted Working Space, Add</i>	27.26	
			<i>For Owner Furnished Material, Deduct</i>	-464.95	
22 11 19 00-0232	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	679.09	41.73
			<i>For Work In Restricted Working Space, Add</i>	31.09	
			<i>For Owner Furnished Material, Deduct</i>	-575.45	
22 11 19 00-0233	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....	819.55	53.84
			<i>For Work In Restricted Working Space, Add</i>	40.38	
			<i>For Owner Furnished Material, Deduct</i>	-684.95	
22 11 19 00-0234			<b>Flanged Double Check Valve Assemblies</b> (22 11 19 00-0218)		
22 11 19 00-0235			<b>Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> (22 11 19 00-0234)		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 NRS series).		
22 11 19 00-0236	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS).....	1,636.37	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-1,438.10	
22 11 19 00-0237	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS).....	1,799.44	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-1,579.48	
22 11 19 00-0238			<b>Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> (22 11 19 00-0234)		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 OSY series).		
22 11 19 00-0239	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY).....	1,782.55	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-1,584.28	
22 11 19 00-0240	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY).....	2,043.24	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-1,823.28	
22 11 19 00-0241			<b>Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> (22 11 19 00-0234)		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 NRS series).		
22 11 19 00-0242	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	2,027.56	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-1,829.30	
22 11 19 00-0243	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	2,228.91	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-2,008.94	
22 11 19 00-0244	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	2,553.60	247.84
			<i>For Work In Restricted Working Space, Add</i>	99.08	
			<i>For Owner Furnished Material, Deduct</i>	-2,223.32	
22 11 19 00-0245	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	4,196.68	344.00
			<i>For Work In Restricted Working Space, Add</i>	186.43	
			<i>For Owner Furnished Material, Deduct</i>	-3,575.26	
22 11 19 00-0246	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	8,100.49	516.00
			<i>For Work In Restricted Working Space, Add</i>	279.68	
			<i>For Owner Furnished Material, Deduct</i>	-7,168.21	
22 11 19 00-0247	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series).....	10,649.69	610.32
			<i>For Work In Restricted Working Space, Add</i>	332.90	
			<i>For Owner Furnished Material, Deduct</i>	-9,540.02	
22 11 19 00-0248			<b>Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer</b> (22 11 19 00-0234)		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0249	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	2,229.85	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-2,031.59	
22 11 19 00-0250	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	2,470.93	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-2,250.97	
22 11 19 00-0251	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	3,091.73	247.84
			<i>For Work In Restricted Working Space, Add</i>	99.08	
			<i>For Owner Furnished Material, Deduct</i>	-2,761.48	
22 11 19 00-0252	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	5,217.80	344.00
			<i>For Work In Restricted Working Space, Add</i>	186.43	
			<i>For Owner Furnished Material, Deduct</i>	-4,596.38	
22 11 19 00-0253	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	9,820.63	516.00
			<i>For Work In Restricted Working Space, Add</i>	279.64	
			<i>For Owner Furnished Material, Deduct</i>	-8,888.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0254	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	10,649.69	610.32
			<i>For Work In Restricted Working Space, Add</i>	332.90	
			<i>For Owner Furnished Material, Deduct</i>	-9,540.02	
<b>22 11 19 00-0255</b>			<b>Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0234)</sup>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 OSY series).		
22 11 19 00-0256	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	2,154.69	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-1,956.43	
22 11 19 00-0257	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	2,460.11	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-2,240.15	
22 11 19 00-0258	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	2,823.00	247.84
			<i>For Work In Restricted Working Space, Add</i>	99.08	
			<i>For Owner Furnished Material, Deduct</i>	-2,492.75	
22 11 19 00-0259	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	4,519.14	344.00
			<i>For Work In Restricted Working Space, Add</i>	186.43	
			<i>For Owner Furnished Material, Deduct</i>	-3,897.72	
22 11 19 00-0260	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	8,638.33	516.00
			<i>For Work In Restricted Working Space, Add</i>	279.64	
			<i>For Owner Furnished Material, Deduct</i>	-7,706.20	
22 11 19 00-0261	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	11,724.58	610.32
			<i>For Work In Restricted Working Space, Add</i>	332.90	
			<i>For Owner Furnished Material, Deduct</i>	-10,614.91	
<b>22 11 19 00-0262</b>			<b>Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0234)</sup>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0263	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	1,851.27	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-1,653.01	
22 11 19 00-0264	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,038.37	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-1,818.41	
22 11 19 00-0265	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,314.06	247.84
			<i>For Work In Restricted Working Space, Add</i>	99.08	
			<i>For Owner Furnished Material, Deduct</i>	-1,983.81	
22 11 19 00-0266	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	3,723.38	344.00
			<i>For Work In Restricted Working Space, Add</i>	186.43	
			<i>For Owner Furnished Material, Deduct</i>	-3,101.96	
22 11 19 00-0267	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	7,064.97	516.00
			<i>For Work In Restricted Working Space, Add</i>	279.64	
			<i>For Owner Furnished Material, Deduct</i>	-6,132.84	
22 11 19 00-0268	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	7,672.24	610.32
			<i>For Work In Restricted Working Space, Add</i>	332.90	
			<i>For Owner Furnished Material, Deduct</i>	-6,562.57	
<b>22 11 19 00-0269</b>			<b>N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0234)</sup>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0270	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	2,437.80	148.71
			<i>For Work In Restricted Working Space, Add</i>	59.48	
			<i>For Owner Furnished Material, Deduct</i>	-2,239.54	
22 11 19 00-0271	EA		3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	2,624.90	167.29
			<i>For Work In Restricted Working Space, Add</i>	65.99	
			<i>For Owner Furnished Material, Deduct</i>	-2,404.94	
22 11 19 00-0272	EA		4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY series).....	3,294.16	247.84
			<i>For Work In Restricted Working Space, Add</i>	99.08	
			<i>For Owner Furnished Material, Deduct</i>	-2,963.91	
22 11 19 00-0273	EA		6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	5,364.12	344.00
			<i>For Work In Restricted Working Space, Add</i>	186.43	
			<i>For Owner Furnished Material, Deduct</i>	-4,742.70	
22 11 19 00-0274	EA		8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	9,496.71	516.00
			<i>For Work In Restricted Working Space, Add</i>	279.64	
			<i>For Owner Furnished Material, Deduct</i>	-8,564.58	
22 11 19 00-0275	EA		10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	11,301.01	610.32
			<i>For Work In Restricted Working Space, Add</i>	332.90	
			<i>For Owner Furnished Material, Deduct</i>	-10,191.34	





<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 19 00-0276</b> <b>Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves</b> <sup>(22 11 19 00-0234)</sup>		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0277    EA    2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	1,734.62	148.71
For Work In Restricted Working Space, Add		
	59.48	
For Owner Furnished Material, Deduct		
	-1,536.36	
22 11 19 00-0278    EA    3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	1,927.02	167.29
For Work In Restricted Working Space, Add		
	65.99	
For Owner Furnished Material, Deduct		
	-1,707.06	
22 11 19 00-0279    EA    4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	2,207.94	247.84
For Work In Restricted Working Space, Add		
	99.08	
For Owner Furnished Material, Deduct		
	-1,877.69	
22 11 19 00-0280    EA    6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	3,640.02	344.00
For Work In Restricted Working Space, Add		
	186.43	
For Owner Furnished Material, Deduct		
	-3,018.60	
22 11 19 00-0281    EA    8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	6,984.64	516.00
For Work In Restricted Working Space, Add		
	279.64	
For Owner Furnished Material, Deduct		
	-6,052.51	
22 11 19 00-0282    EA    10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series) .....	7,896.55	610.32
For Work In Restricted Working Space, Add		
	332.90	
For Owner Furnished Material, Deduct		
	-6,786.88	
<b>22 11 19 00-0283</b> <b>N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> <sup>(22 11 19 00-0234)</sup>		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0284    EA    2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	2,271.96	148.71
For Work In Restricted Working Space, Add		
	59.48	
For Owner Furnished Material, Deduct		
	-2,073.70	
22 11 19 00-0285    EA    3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	2,459.06	167.29
For Work In Restricted Working Space, Add		
	65.99	
For Owner Furnished Material, Deduct		
	-2,239.10	
22 11 19 00-0286    EA    4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	3,128.53	247.84
For Work In Restricted Working Space, Add		
	99.08	
For Owner Furnished Material, Deduct		
	-2,798.28	
22 11 19 00-0287    EA    6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	5,187.70	344.00
For Work In Restricted Working Space, Add		
	186.43	
For Owner Furnished Material, Deduct		
	-4,566.28	
22 11 19 00-0288    EA    8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	9,229.68	516.00
For Work In Restricted Working Space, Add		
	279.64	
For Owner Furnished Material, Deduct		
	-8,297.55	
22 11 19 00-0289    EA    10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) .....	11,033.20	610.32
For Work In Restricted Working Space, Add		
	332.90	
For Owner Furnished Material, Deduct		
	-9,923.53	
<b>22 11 19 00-0290</b> <b>Double Check Valve Assemblies With Butterfly Shut-Off Valves</b> <sup>(22 11 19 00-0234)</sup>		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0291    EA    2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	2,010.52	148.71
For Work In Restricted Working Space, Add		
	59.48	
For Owner Furnished Material, Deduct		
	-1,812.26	
22 11 19 00-0292    EA    3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	2,197.61	167.29
For Work In Restricted Working Space, Add		
	65.99	
For Owner Furnished Material, Deduct		
	-1,977.65	
22 11 19 00-0293    EA    4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	2,473.30	247.84
For Work In Restricted Working Space, Add		
	99.08	
For Owner Furnished Material, Deduct		
	-2,143.05	
22 11 19 00-0294    EA    6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	3,886.64	344.00
For Work In Restricted Working Space, Add		
	186.43	
For Owner Furnished Material, Deduct		
	-3,265.22	
22 11 19 00-0295    EA    8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	7,228.22	516.00
For Work In Restricted Working Space, Add		
	279.64	
For Owner Furnished Material, Deduct		
	-6,296.09	
<b>22 11 19 00-0296</b> <b>N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs</b> <sup>(22 11 19 00-0234)</sup>		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0297    EA    2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series) .....	2,597.04	148.71
For Work In Restricted Working Space, Add		
	59.48	
For Owner Furnished Material, Deduct		
	-2,398.78	
22 11 19 00-0298    EA    3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	2,784.14	167.29
For Work In Restricted Working Space, Add		
	65.99	
For Owner Furnished Material, Deduct		
	-2,564.18	
22 11 19 00-0299    EA    4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	3,453.40	247.84
For Work In Restricted Working Space, Add		
	99.08	
For Owner Furnished Material, Deduct		
	-3,123.15	
22 11 19 00-0300    EA    6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) .....	5,527.41	344.00
For Work In Restricted Working Space, Add		
	186.43	
For Owner Furnished Material, Deduct		
	-4,905.99	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0301	EA		8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	7,228.22 279.64 -6,296.09	516.00
<b>22 11 19 00-0302</b>			<b>Grooved Double Check Valve Assemblies</b> (22 11 19 00-0218)		
<b>22 11 19 00-0303</b>			<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0302) Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0304	EA		2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,734.62 59.48 -1,536.36	79.31
22 11 19 00-0305	EA		3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,927.02 65.99 -1,707.06	87.99
<b>22 11 19 00-0306</b>			<b>N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0302) Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0307	EA		2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,271.96 59.48 -2,073.70	79.31
22 11 19 00-0308	EA		3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,459.06 65.99 -2,239.10	87.99
<b>22 11 19 00-0309</b>			<b>Reduced Pressure Zone Backflow Preventer Assemblies</b> (22 11 19 00-0217)		
<b>22 11 19 00-0310</b>			<b>Threaded Reduced Pressure Zone Assemblies</b> (22 11 19 00-0309)		
<b>22 11 19 00-0311</b>			<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0310) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0312	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	245.93 11.71 -206.89	15.62
22 11 19 00-0313	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	260.01 12.92 -216.94	17.23
22 11 19 00-0314	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	302.07 13.53 -256.98	18.04
22 11 19 00-0315	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	406.18 19.18 -342.25	25.58
22 11 19 00-0316	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	482.26 23.42 -404.19	31.22
22 11 19 00-0317	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	724.90 27.26 -634.05	36.35
22 11 19 00-0318	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	767.51 31.09 -663.87	41.73
22 11 19 00-0319	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	922.39 40.38 -787.79	53.84
<b>22 11 19 00-0320</b>			<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> (22 11 19 00-0310) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0321	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	270.98 11.71 -231.94	15.62
22 11 19 00-0322	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	286.40 12.92 -243.33	17.23
22 11 19 00-0323	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	338.24 13.53 -293.15	25.58
22 11 19 00-0324	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	463.03 19.18 -399.10	25.58



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0325 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	553.34	31.22
For Work In Restricted Working Space, Add	23.42	
For Owner Furnished Material, Deduct	-475.27	
22 11 19 00-0326 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	821.84	36.35
For Work In Restricted Working Space, Add	27.26	
For Owner Furnished Material, Deduct	-730.99	
22 11 19 00-0327 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	904.31	41.73
For Work In Restricted Working Space, Add	31.09	
For Owner Furnished Material, Deduct	-800.67	
22 11 19 00-0328 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,090.23	53.84
For Work In Restricted Working Space, Add	40.38	
For Owner Furnished Material, Deduct	-955.63	
<b>22 11 19 00-0329 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0310) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0330 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) .....	406.18	25.58
For Work In Restricted Working Space, Add	19.18	
For Owner Furnished Material, Deduct	-342.25	
22 11 19 00-0331 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) .....	482.26	31.22
For Work In Restricted Working Space, Add	23.42	
For Owner Furnished Material, Deduct	-404.19	
22 11 19 00-0332 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) .....	724.91	36.35
For Work In Restricted Working Space, Add	27.26	
For Owner Furnished Material, Deduct	-634.05	
22 11 19 00-0333 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) .....	767.51	41.73
For Work In Restricted Working Space, Add	31.09	
For Owner Furnished Material, Deduct	-663.87	
22 11 19 00-0334 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) .....	922.39	53.84
For Work In Restricted Working Space, Add	40.38	
For Owner Furnished Material, Deduct	-787.79	
<b>22 11 19 00-0335 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> (22 11 19 00-0310) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
22 11 19 00-0336 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	463.03	25.58
For Work In Restricted Working Space, Add	19.18	
For Owner Furnished Material, Deduct	-399.10	
22 11 19 00-0337 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	553.34	31.22
For Work In Restricted Working Space, Add	23.42	
For Owner Furnished Material, Deduct	-475.27	
22 11 19 00-0338 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	821.84	36.35
For Work In Restricted Working Space, Add	27.26	
For Owner Furnished Material, Deduct	-730.99	
22 11 19 00-0339 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	904.31	41.73
For Work In Restricted Working Space, Add	31.09	
For Owner Furnished Material, Deduct	-800.67	
22 11 19 00-0340 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,090.23	53.84
For Work In Restricted Working Space, Add	40.38	
For Owner Furnished Material, Deduct	-955.63	
<b>22 11 19 00-0341 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0310) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0342 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT).....	602.89	25.58
For Work In Restricted Working Space, Add	19.18	
For Owner Furnished Material, Deduct	-538.96	
22 11 19 00-0343 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT).....	714.15	31.22
For Work In Restricted Working Space, Add	23.42	
For Owner Furnished Material, Deduct	-636.08	
22 11 19 00-0344 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT) .....	1,089.18	36.35
For Work In Restricted Working Space, Add	27.26	
For Owner Furnished Material, Deduct	-998.33	
22 11 19 00-0345 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT) .....	1,180.17	41.73
For Work In Restricted Working Space, Add	31.09	
For Owner Furnished Material, Deduct	-1,076.53	
22 11 19 00-0346 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	1,374.42	53.84
For Work In Restricted Working Space, Add	40.38	
For Owner Furnished Material, Deduct	-1,239.82	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0347		<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> <small>(22 11 19 00-0310)</small>		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 909 QT-S series).		
22 11 19 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S) .....	679.47	25.58
		<i>For Work In Restricted Working Space, Add</i>	19.18	
		<i>For Owner Furnished Material, Deduct</i>	-615.54	
22 11 19 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S) .....	809.15	31.22
		<i>For Work In Restricted Working Space, Add</i>	23.42	
		<i>For Owner Furnished Material, Deduct</i>	-731.08	
22 11 19 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S) .....	1,221.12	36.35
		<i>For Work In Restricted Working Space, Add</i>	27.26	
		<i>For Owner Furnished Material, Deduct</i>	-1,130.27	
22 11 19 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S) .....	1,336.03	41.73
		<i>For Work In Restricted Working Space, Add</i>	31.09	
		<i>For Owner Furnished Material, Deduct</i>	-1,232.39	
22 11 19 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S) .....	1,593.61	53.84
		<i>For Work In Restricted Working Space, Add</i>	40.38	
		<i>For Owner Furnished Material, Deduct</i>	-1,459.01	
22 11 19 00-0353		<b>Flanged Reduced Pressure Zone Assemblies</b> <small>(22 11 19 00-0309)</small>		
22 11 19 00-0354		<b>Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs</b> <small>(22 11 19 00-0353)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 009 NRS series).		
22 11 19 00-0355	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series) .....	1,958.22	148.71
		<i>For Work In Restricted Working Space, Add</i>	59.48	
		<i>For Owner Furnished Material, Deduct</i>	-1,759.95	
22 11 19 00-0356	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series) .....	2,205.06	167.29
		<i>For Work In Restricted Working Space, Add</i>	65.99	
		<i>For Owner Furnished Material, Deduct</i>	-1,985.10	
22 11 19 00-0357		<b>Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer</b> <small>(22 11 19 00-0353)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 009 NRS-S series).		
22 11 19 00-0358	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series) .....	2,178.78	148.71
		<i>For Work In Restricted Working Space, Add</i>	59.48	
		<i>For Owner Furnished Material, Deduct</i>	-1,980.51	
22 11 19 00-0359	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series) .....	2,464.19	167.29
		<i>For Work In Restricted Working Space, Add</i>	65.99	
		<i>For Owner Furnished Material, Deduct</i>	-2,244.23	
22 11 19 00-0360		<b>Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs</b> <small>(22 11 19 00-0353)</small>		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 009 OSY series).		
22 11 19 00-0361	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series) .....	2,096.00	148.71
		<i>For Work In Restricted Working Space, Add</i>	59.48	
		<i>For Owner Furnished Material, Deduct</i>	-1,897.73	
22 11 19 00-0362	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series) .....	2,434.84	167.29
		<i>For Work In Restricted Working Space, Add</i>	65.99	
		<i>For Owner Furnished Material, Deduct</i>	-2,214.88	
22 11 19 00-0363		<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0353)</small>		
		Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts 009 QT-FDA series).		
22 11 19 00-0364	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series) .....	2,469.41	148.71
		<i>For Work In Restricted Working Space, Add</i>	59.48	
		<i>For Owner Furnished Material, Deduct</i>	-2,271.14	
22 11 19 00-0365	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series) .....	2,823.18	167.29
		<i>For Work In Restricted Working Space, Add</i>	65.99	
		<i>For Owner Furnished Material, Deduct</i>	-2,603.22	
22 11 19 00-0366		<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0353)</small>		
		Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts FAE 909 QT series).		
22 11 19 00-0367	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series) .....	936.01	92.94
		<i>For Work In Restricted Working Space, Add</i>	37.18	
		<i>For Owner Furnished Material, Deduct</i>	-812.09	
22 11 19 00-0368	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series) .....	1,038.07	108.43
		<i>For Work In Restricted Working Space, Add</i>	43.68	
		<i>For Owner Furnished Material, Deduct</i>	-892.46	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0369 EA 2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,228.92 51.12 -1,058.53	127.02
<b>22 11 19 00-0370 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, iron body strainers, and captured spring assemblies (Watts FAE 909 QT-S series).		
22 11 19 00-0371 EA 1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,018.45 37.18 -894.53	92.94
22 11 19 00-0372 EA 1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,303.18 43.68 -1,157.57	108.43
22 11 19 00-0373 EA 2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,372.04 51.12 -1,201.65	127.02
<b>22 11 19 00-0374 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs</b> <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 909 NRS series).		
22 11 19 00-0375 EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,448.44 59.48 -2,250.18	148.71
22 11 19 00-0376 EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,760.92 65.99 -2,540.95	167.29
22 11 19 00-0377 EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,416.87 99.08 -3,086.59	247.84
22 11 19 00-0378 EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,785.00 261.01 -4,914.97	344.00
22 11 19 00-0379 EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	9,912.70 391.52 -8,607.64	516.00
22 11 19 00-0380 EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	12,550.00 332.90 -11,440.33	610.32
<b>22 11 19 00-0381 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer</b> <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 909 NRS-S series).		
22 11 19 00-0382 EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,651.25 59.48 -2,452.99	148.71
22 11 19 00-0383 EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,999.90 65.99 -2,779.94	167.29
22 11 19 00-0384 EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,877.59 99.08 -3,547.34	247.84
22 11 19 00-0385 EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	6,412.07 186.43 -5,790.65	344.00
22 11 19 00-0386 EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	11,013.47 279.64 -10,081.34	516.00
22 11 19 00-0387 EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,083.29 332.90 -13,973.62	610.32
<b>22 11 19 00-0388 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs</b> <small>(22 11 19 00-0353)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 909 OSY series).		
22 11 19 00-0389 EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,531.98 59.48 -2,333.72	148.71
22 11 19 00-0390 EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,935.29 65.99 -2,715.32	167.29
22 11 19 00-0391 EA 4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,515.81 99.08 -3,185.53	247.84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0392	EA		6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,691.48 186.43 -5,070.06	344.00
22 11 19 00-0393	EA		8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	9,785.97 279.64 -8,853.84	516.00
22 11 19 00-0394	EA		10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	13,815.66 332.90 -12,705.99	610.32
<b>22 11 19 00-0395</b>			<b>Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs</b> (22 11 19 00-0353) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 NRS BB series).		
22 11 19 00-0396	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,132.08 59.48 -3,933.81	148.71
22 11 19 00-0397	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,662.07 65.99 -4,442.11	167.29
<b>22 11 19 00-0398</b>			<b>Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs</b> (22 11 19 00-0353) Note: Includes ball type test cocks, two outside stem and yoke resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 OSY BB series).		
22 11 19 00-0399	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,320.54 59.48 -4,122.27	148.71
22 11 19 00-0400	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,016.33 65.99 -4,796.37	167.29
22 11 19 00-0401			<b>Double Check Detector Assemblies</b> (22 11 19 00-0217)		
22 11 19 00-0402			<b>Flanged Double Check Detector Assemblies With Meter</b> (22 11 19 00-0401)		
22 11 19 00-0403			<b>Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter</b> (22 11 19 00-0402) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0404	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,636.76 65.99 -3,416.80	167.29
22 11 19 00-0405	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,826.33 99.08 -3,496.08	247.84
22 11 19 00-0406	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,161.21 186.43 -4,539.79	344.00
22 11 19 00-0407	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	9,138.06 279.64 -8,205.93	516.00
22 11 19 00-0408	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	12,324.40 332.90 -11,214.73	610.32
<b>22 11 19 00-0409</b>			<b>Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter</b> (22 11 19 00-0402) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0410	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,729.56 59.48 -2,531.29	148.71
22 11 19 00-0411	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,916.47 65.99 -2,696.51	167.29
22 11 19 00-0412	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) ..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,196.07 99.08 -2,865.82	247.84



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Water Distribution	22 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0413 EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) .....	4,342.66	344.00
For Work In Restricted Working Space, Add	186.43	
For Owner Furnished Material, Deduct	-3,721.24	
22 11 19 00-0414 EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) .....	7,658.60	516.00
For Work In Restricted Working Space, Add	279.64	
For Owner Furnished Material, Deduct	-6,726.47	
22 11 19 00-0415 EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series) .....	9,032.56	610.32
For Work In Restricted Working Space, Add	332.90	
For Owner Furnished Material, Deduct	-7,922.89	
<b>22 11 19 00-0416 Double Check Detector Assembly With Butterfly Valves And Meter</b> (22 11 19 00-0402)		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0417 EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) .....	2,888.83	148.71
For Work In Restricted Working Space, Add	59.48	
For Owner Furnished Material, Deduct	-2,690.56	
22 11 19 00-0418 EA 3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) .....	3,075.75	167.29
For Work In Restricted Working Space, Add	65.99	
For Owner Furnished Material, Deduct	-2,855.79	
22 11 19 00-0419 EA 4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) .....	3,355.31	247.84
For Work In Restricted Working Space, Add	99.08	
For Owner Furnished Material, Deduct	-3,025.06	
22 11 19 00-0420 EA 6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) .....	4,505.91	344.00
For Work In Restricted Working Space, Add	186.43	
For Owner Furnished Material, Deduct	-3,884.49	
22 11 19 00-0421 EA 8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series) .....	7,462.73	516.00
For Work In Restricted Working Space, Add	279.64	
For Owner Furnished Material, Deduct	-6,530.60	
<b>22 11 19 00-0422 Flanged Double Check Detector Assemblies Without Meter</b> (22 11 19 00-0401)		
<b>22 11 19 00-0423 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter</b> (22 11 19 00-0422)		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0424 EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	2,679.27	148.71
For Work In Restricted Working Space, Add	59.48	
22 11 19 00-0425 EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	2,866.21	167.29
For Work In Restricted Working Space, Add	65.99	
22 11 19 00-0426 EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	3,145.80	247.84
For Work In Restricted Working Space, Add	99.08	
22 11 19 00-0427 EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	4,292.39	344.00
For Work In Restricted Working Space, Add	186.43	
22 11 19 00-0428 EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	7,608.37	516.00
For Work In Restricted Working Space, Add	279.64	
22 11 19 00-0429 EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) .....	8,982.25	610.32
For Work In Restricted Working Space, Add	332.90	
<b>22 11 19 00-0430 Double Check Detector Assembly With Butterfly Valves Less Meter</b> (22 11 19 00-0422)		
Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0431 EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) .....	2,838.53	148.71
For Work In Restricted Working Space, Add	59.48	
22 11 19 00-0432 EA 3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) .....	3,025.45	167.29
For Work In Restricted Working Space, Add	65.99	
22 11 19 00-0433 EA 4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) .....	3,305.04	247.84
For Work In Restricted Working Space, Add	99.08	
22 11 19 00-0434 EA 6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) .....	4,455.61	344.00
For Work In Restricted Working Space, Add	186.43	
22 11 19 00-0435 EA 8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) .....	7,771.62	516.00
For Work In Restricted Working Space, Add	279.64	
<b>22 11 19 00-0436 Backflow Preventer Accessories</b> (22 11 19 00-0217)		
<b>22 11 19 00-0437 Air Gap</b> (22 11 19 00-0436)		
22 11 19 00-0438 EA Up To 1" Diameter Air Gap For Backflow Preventer .....	64.17	8.41
22 11 19 00-0439 EA 1-1/4" To 2" Diameter Air Gap For Backflow Preventer .....	78.88	10.09
22 11 19 00-0440 EA 2-1/2" To 3" Diameter Air Gap For Backflow Preventer .....	146.38	13.46
22 11 19 00-0441 EA 4" To 6" Diameter Air Gap For Backflow Preventer .....	288.58	23.55
22 11 19 00-0442 EA 8" To 10" Diameter Air Gap For Backflow Preventer .....	308.77	33.65

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 11</b>	<b>Facility Water Distribution</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0443			<b>Brass Test Cocks</b> (22 11 19 00-0436)		
22 11 19 00-0444	EA		1/8" Or 1/4" Brass Test Cock.....	20.78	3.37
22 11 19 00-0445			<b>Backflow Valve Enclosures</b> (22 11 19 00-0217)		
22 11 19 00-0446			<b>Flip-Top, Insulated Fiberglass Valve Enclosures</b> (22 11 19 00-0445)		
			Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0447	EA		19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	594.82	60.57
			<i>For Heated Enclosure, Add</i>	74.08	
22 11 19 00-0448	EA		27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	733.01	60.57
			<i>For Heated Enclosure, Add</i>	94.81	
22 11 19 00-0449	EA		27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	931.68	55.77
			<i>For Heated Enclosure, Add</i>	125.81	
22 11 19 00-0450	EA		33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	966.27	74.35
			<i>For Heated Enclosure, Add</i>	126.35	
22 11 19 00-0451	EA		39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,013.13	74.35
			<i>For Heated Enclosure, Add</i>	133.38	
22 11 19 00-0452	EA		47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,195.78	74.35
			<i>For Heated Enclosure, Add</i>	160.78	
22 11 19 00-0453	EA		39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,200.59	74.35
			<i>For Heated Enclosure, Add</i>	161.50	
22 11 19 00-0454	EA		47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,511.81	74.35
			<i>For Heated Enclosure, Add</i>	208.18	
22 11 19 00-0455	EA		70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	3,489.19	111.53
			<i>For Heated Enclosure, Add</i>	495.50	
22 11 19 00-0456	EA		83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	5,059.73	111.53
			<i>For Heated Enclosure, Add</i>	731.08	
22 11 19 00-0457	EA		70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	4,807.39	111.53
			<i>For Heated Enclosure, Add</i>	693.23	
22 11 19 00-0458	EA		83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	5,788.86	130.11
			<i>For Heated Enclosure, Add</i>	835.80	
22 11 19 00-0459			<b>One-Piece Drop Over, Insulated Fiberglass Valve Enclosures</b> (22 11 19 00-0445)		
			Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0460	EA		20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	327.33	16.15
			<i>For Heated Enclosure, Add</i>	60.08	
22 11 19 00-0461	EA		27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	454.70	16.15
			<i>For Heated Enclosure, Add</i>	85.56	
22 11 19 00-0462	EA		38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	570.33	14.87
			<i>For Heated Enclosure, Add</i>	109.11	
22 11 19 00-0463	EA		47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	861.13	14.87
			<i>For Heated Enclosure, Add</i>	167.27	
22 11 19 00-0464	EA		70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	2,228.65	27.88
			<i>For Heated Enclosure, Add</i>	436.44	
22 11 19 00-0465	EA		83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	3,042.16	27.88
			<i>For Heated Enclosure, Add</i>	599.14	
22 11 19 00-0466	EA		45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	2,026.77	27.88
			<i>For Heated Enclosure, Add</i>	396.06	
22 11 19 00-0467	EA		53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	2,293.54	27.88
			<i>For Heated Enclosure, Add</i>	449.41	
22 11 19 00-0468	EA		61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure .....	3,587.70	27.88
			<i>For Heated Enclosure, Add</i>	708.25	
22 11 19 00-0469			<b>Sectional, Insulated Aluminum Valve Enclosures</b> (22 11 19 00-0445)		
			Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0470	EA		70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure .....	4,542.22	121.14
			<i>For Heated Enclosure, Add</i>	651.05	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0471	EA		83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure .....	5,007.26	121.14
			<i>For Heated Enclosure, Add</i>	720.80	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0472	EA		53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure .....	3,545.67	111.53
			<i>For Heated Enclosure, Add</i>	503.97	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0473	EA		53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure .....	3,889.33	111.53
			<i>For Heated Enclosure, Add</i>	555.52	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0474	EA		90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure .....	4,524.48	148.71
			<i>For Heated Enclosure, Add</i>	641.50	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0475	EA		102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure .....	5,074.83	148.71
			<i>For Heated Enclosure, Add</i>	724.05	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0476	EA		90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure.....	5,074.83	148.71
			<i>For Heated Enclosure, Add</i>	724.05	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0477	EA		102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure.....	5,608.36	148.71
			<i>For Heated Enclosure, Add</i>	804.08	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0478	EA		62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure.....	4,209.91	130.11
			<i>For Heated Enclosure, Add</i>	598.96	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0479	EA		62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure.....	4,929.43	148.71
			<i>For Heated Enclosure, Add</i>	702.24	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0480	EA		105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure.....	5,762.17	148.71
			<i>For Heated Enclosure, Add</i>	827.15	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0481	EA		125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure.....	6,325.60	158.00
			<i>For Heated Enclosure, Add</i>	909.34	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0482	EA		105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure.....	6,486.48	171.62
			<i>For Heated Enclosure, Add</i>	930.07	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0483	EA		125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure.....	7,190.65	181.71
			<i>For Heated Enclosure, Add</i>	1,033.17	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0484	EA		105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure.....	7,441.80	167.29
			<i>For Heated Enclosure, Add</i>	1,074.45	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0485	EA		72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure.....	5,401.67	148.71
			<i>For Heated Enclosure, Add</i>	773.07	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0486	EA		72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure.....	5,758.56	148.71
			<i>For Heated Enclosure, Add</i>	826.61	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0487	EA		72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure.....	6,516.66	158.00
			<i>For Heated Enclosure, Add</i>	938.00	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0488	EA		72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure.....	7,899.62	167.29
			<i>For Heated Enclosure, Add</i>	1,143.12	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0489	EA		118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure.....	6,891.44	74.35
			<i>For Heated Enclosure, Add</i>	991.89	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0490	EA		142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure.....	8,282.81	74.35
			<i>For Heated Enclosure, Add</i>	1,198.28	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0491	EA		118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure.....	8,007.64	111.53
			<i>For Heated Enclosure, Add</i>	1,157.00	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0492	EA		142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure.....	9,291.93	111.53
			<i>For Heated Enclosure, Add</i>	1,345.00	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0493	EA		142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure.....	8,573.48	111.53
			<i>For Heated Enclosure, Add</i>	1,239.55	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0494	EA		172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure.....	10,021.19	130.11
			<i>For Heated Enclosure, Add</i>	1,452.06	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0495	EA		142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure.....	10,052.17	111.53
			<i>For Heated Enclosure, Add</i>	1,452.06	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	
22 11 19 00-0496	EA		172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure.....	11,927.67	111.53
			<i>For Heated Enclosure, Add</i>	1,728.74	
			<i>For One 24" Fluorescent Light Fixture, Add</i>	412.09	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	737.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0497			<b>Faucets (Hose Bibbs)</b> (22 11 19)		
22 11 19 00-0498			<b>Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends</b> (22 11 19 00-0497)		
22 11 19 00-0499	EA		1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends .....	33.75	6.73
22 11 19 00-0500	EA		3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125# .....	39.39	7.40
22 11 19 00-0501	EA		3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125# .....	12.50	5.05
22 11 19 00-0502			<b>Chrome Plated Brass Hose Valves, Screwed Ends</b> (22 11 19 00-0497)		
22 11 19 00-0503	EA		3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP .....	92.34	20.60
22 11 19 00-0504			<b>Antisiphon Freezeless Wall Faucet</b> (22 11 19 00-0497)		
22 11 19 00-0505	EA		4" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	85.96	16.83
22 11 19 00-0506	EA		6" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	92.95	18.64
22 11 19 00-0507	EA		8" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	98.25	19.72
22 11 19 00-0508	EA		10" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	103.54	21.13
22 11 19 00-0509	EA		12" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	108.89	22.41
22 11 19 00-0510			<b>Keyed, Recessed Valve Boxes</b> (22 11 19)		
22 11 19 00-0511	EA		8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box .....	187.46	20.11
22 11 19 00-0512	EA		8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box .....	208.49	20.11
22 11 19 00-0513	EA		8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box .....	240.04	20.11
22 11 19 00-0514	EA		12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box .....	232.42	26.82
22 11 19 00-0515	EA		12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box .....	263.97	26.82
22 11 19 00-0516	EA		12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box .....	273.43	26.82
22 11 19 00-0517	EA		8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box .....	221.11	20.11
22 11 19 00-0518	EA		8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box .....	267.39	20.11
22 11 19 00-0519	EA		8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box .....	308.40	20.11
22 11 19 00-0520	EA		12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box .....	291.31	26.82
22 11 19 00-0521	EA		12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box .....	332.33	26.82
22 11 19 00-0522	EA		12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box .....	348.11	26.82
22 11 23			<b>Domestic Water Pumps</b> (22 11)		
22 11 23 13			<b>Domestic Water Packaged Booster Pumps And Tanks</b> (22 11 23)		
			Note: Includes motor starter and controls.		
22 11 23 13-0001			<b>Simplex Domestic Water Packaged Booster Pumps And Tank</b> (22 11 23 13)		
22 11 23 13-0002	EA		1 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	7,912.38	198.27
22 11 23 13-0003	EA		1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	8,196.00	266.42
22 11 23 13-0004	EA		2 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	8,536.23	334.59
22 11 23 13-0005	EA		3 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	8,848.17	402.74
22 11 23 13-0006	EA		5 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	9,782.87	470.90
22 11 23 13-0007	EA		7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	10,859.11	539.05
22 11 23 13-0008	EA		10 HP Simplex Domestic Water Packaged Booster Pump And Tank .....	11,595.67	607.21
22 11 23 13-0009			<b>Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator</b> (22 11 23 13)		
22 11 23 13-0010	EA		100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	21,172.14	802.77
22 11 23 13-0011	EA		200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	25,556.51	852.94
22 11 23 13-0012	EA		300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	29,958.94	903.12
22 11 23 13-0013			<b>Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator</b> (22 11 23 13)		
22 11 23 13-0014	EA		200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	27,969.77	852.94
22 11 23 13-0015	EA		300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	34,901.16	903.12
22 11 23 13-0016	EA		500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	43,437.78	1,003.46
22 11 23 13-0017	EA		750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	55,111.98	1,103.81
22 11 23 13-0018	EA		1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	66,786.19	1,204.15
22 11 23 13-0019	EA		1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	77,827.87	1,354.67
22 11 23 13-0020	EA		2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	88,869.57	1,505.20
22 11 23 13-0021	EA		3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	99,911.26	1,655.71
22 11 23 13-0022	EA		5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator .....	111,078.38	1,856.41
22 11 23 39			<b>In-Line Centrifugal Domestic Water Booster Pumps</b> (22 11 23)		
22 11 23 39-0001			<b>Bronze In-Line Centrifugal Domestic Water Booster Pumps</b> (22 11 23 39)		
			Note: ODP motor.		
22 11 23 39-0002	EA		1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B) .....	553.09	111.53
22 11 23 39-0003	EA		1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B) .....	566.90	111.53
22 11 23 39-0004	EA		1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B) .....	592.45	113.69
22 11 23 39-0005	EA		1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B) .....	650.86	118.34
22 11 23 39-0006	EA		1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B) .....	1,149.27	127.11
22 11 23 39-0007	EA		1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB) .....	1,222.98	127.11
22 11 23 39-0008	EA		1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB) .....	1,810.32	139.95
22 11 23 39-0009	EA		1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB) .....	1,890.53	153.75



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Water Distribution</b>	<b>22 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 39-0010 EA 1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB) .....	2,282.92	169.15
22 11 23 39-0011 EA 1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S).....	2,337.96	186.16
22 11 23 39-0012 EA 3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S).....	2,557.10	204.46
22 11 23 39-0013 EA 1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S).....	3,640.65	225.01
22 11 23 39-0014 EA 1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S) .....	4,185.76	235.91
<b>22 11 23 39-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 39)</b>		
Note: ODP motor.		
22 11 23 39-0016 EA 1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30) .....	558.07	111.53
22 11 23 39-0017 EA 1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36).....	905.41	111.53
22 11 23 39-0018 EA 1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45) .....	909.89	113.69
22 11 23 39-0019 EA 1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	926.00	116.17
22 11 23 39-0020 EA 1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50).....	930.32	118.34
22 11 23 39-0021 EA 1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75).....	957.41	127.11
22 11 23 39-0022 EA 1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2) .....	1,163.31	139.95
22 11 23 39-0023 EA 1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30).....	1,496.27	169.15
22 11 23 39-0024 EA 1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S).....	1,579.49	186.16
22 11 23 39-0025 EA 3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S).....	1,838.73	204.46
22 11 23 39-0026 EA 1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S).....	2,458.77	225.01
22 11 23 39-0027 EA 1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S).....	2,863.95	235.91
22 11 23 39-0028 EA 2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) .....	2,690.68	247.79
22 11 23 39-0029 EA 3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) .....	2,894.56	272.38
22 11 23 39-0030 EA 5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF) .....	3,180.07	288.88
22 11 23 39-0031 EA 7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) .....	4,008.70	320.97
22 11 23 39-0032 EA 10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) .....	4,267.58	385.23
22 11 23 39-0033 EA 15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF) .....	5,429.19	449.56
<b>22 12 Facility Potable-Water Storage Tanks (22 10)</b>		
<b>22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks (22 12)</b>		
<b>22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks (22 12 19)</b>		
22 12 19 00-0002 EA 5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	16,802.28	5,351.46
22 12 19 00-0003 EA 10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	18,355.89	5,351.46
22 12 19 00-0004 EA 20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	31,707.71	8,258.43
22 12 19 00-0005 EA 35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	40,969.83	10,702.91
<b>22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks (22 12 19)</b>		
22 12 19 00-0007 EA 5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	19,103.92	5,351.46
22 12 19 00-0008 EA 10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	24,512.80	5,351.46
22 12 19 00-0009 EA 20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	36,920.26	8,258.43
22 12 19 00-0010 EA 35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	51,401.58	10,702.91
<b>22 12 23 Facility Indoor Potable-Water Storage Tanks (22 12)</b>		
<b>22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks (22 12 23)</b>		
<b>22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) (22 12 23 13)</b>		
22 12 23 13-0002 EA 80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A).....	1,863.00	247.84
22 12 23 13-0003 EA 119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M).....	2,048.04	309.80
22 12 23 13-0004 EA 140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A).....	4,453.29	340.78
22 12 23 13-0005 EA 200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	4,929.21	371.76
22 12 23 13-0006 EA 250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	6,566.60	402.74
22 12 23 13-0007 EA 350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A).....	8,610.44	433.72
22 12 23 13-0008 EA 400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A).....	9,697.66	464.70
22 12 23 13-0009 EA 500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A).....	13,783.90	495.68
22 12 23 13-0010 EA 750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A).....	14,984.27	526.66
22 12 23 13-0011 EA 1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A).....	17,913.39	557.64
<b>22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (22 12 23 13)</b>		
22 12 23 13-0013 EA 80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S).....	1,563.68	247.84
22 12 23 13-0014 EA 120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S).....	2,549.82	309.80
22 12 23 13-0015 EA 140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A) .....	3,977.25	340.78
22 12 23 13-0016 EA 200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S).....	3,969.88	371.76
22 12 23 13-0017 EA 200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A) .....	4,163.35	371.76
22 12 23 13-0018 EA 250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A) .....	5,268.71	402.74
22 12 23 13-0019 EA 325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A) .....	5,736.62	433.72
22 12 23 13-0020 EA 350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S).....	5,392.17	433.72
22 12 23 13-0021 EA 350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A) .....	6,143.69	433.72

**22 Plumbing****22 10 Plumbing Piping****22 12 Facility Potable-Water Storage Tanks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0022	EA		400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A) .....	6,774.82	464.70
22 12 23 13-0023	EA		500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A) .....	9,246.29	495.68
22 12 23 13-0024	EA		750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A) .....	10,776.72	526.66
22 12 23 13-0025	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A).....	13,589.80	557.64

**22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks (22 12 23)****22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks (22 12 23 26)**

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA		100 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	373.97	139.41
			<i>For Saddle Assembly, Add</i>	<i>414.67</i>	
22 12 23 26-0003	EA		150 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	437.95	162.65
			<i>For Saddle Assembly, Add</i>	<i>414.67</i>	
22 12 23 26-0004	EA		200 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	518.43	185.88
			<i>For Saddle Assembly, Add</i>	<i>470.77</i>	
22 12 23 26-0005	EA		300 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	628.61	209.11
			<i>For Saddle Assembly, Add</i>	<i>689.67</i>	
22 12 23 26-0006	EA		335 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	750.89	232.35
			<i>For Two Tie Down Bands, Add</i>	<i>240.50</i>	
22 12 23 26-0007	EA		535 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	938.28	290.47
			<i>For Two Tie Down Bands, Add</i>	<i>255.90</i>	
22 12 23 26-0008	EA		1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	1,395.82	338.88
			<i>For Three Tie Down Bands, Add</i>	<i>433.35</i>	
22 12 23 26-0009	EA		1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	2,006.87	387.29
			<i>For Three Tie Down Bands, Add</i>	<i>436.65</i>	
22 12 23 26-0010	EA		1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	2,501.52	435.70
			<i>For Four Tie Down Bands, Add</i>	<i>591.00</i>	
22 12 23 26-0011	EA		2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	2,928.47	484.11
			<i>For Four Tie Down Bands, Add</i>	<i>815.40</i>	
22 12 23 26-0012	EA		2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	4,175.02	532.52
			<i>For Four Tie Down Bands, Add</i>	<i>1,061.80</i>	
22 12 23 26-0013	EA		3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	4,833.56	580.93
			<i>For Four Tie Down Bands, Add</i>	<i>1,145.40</i>	
22 12 23 26-0014	EA		4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	6,938.76	774.57
			<i>For Four Tie Down Bands, Add</i>	<i>1,290.60</i>	
22 12 23 26-0015	EA		5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank .....	8,960.46	774.57
			<i>For Five Tie Down Bands, Add</i>	<i>2,014.74</i>	

**22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)**

22 12 23 26-0017	EA		100 Gallon Vertical Non-Pressurized Polyethylene Tank.....	413.93	185.88
22 12 23 26-0018	EA		160 Gallon Vertical Non-Pressurized Polyethylene Tank.....	494.32	197.49
22 12 23 26-0019	EA		210 Gallon Vertical Non-Pressurized Polyethylene Tank.....	541.71	209.11
22 12 23 26-0020	EA		300 Gallon Vertical Non-Pressurized Polyethylene Tank.....	652.99	232.35
22 12 23 26-0021	EA		405 Gallon Vertical Non-Pressurized Polyethylene Tank.....	746.85	278.82
22 12 23 26-0022	EA		500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	881.41	325.29
22 12 23 26-0023	EA		800 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,180.77	387.29
22 12 23 26-0024	EA		1,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,527.67	484.11
22 12 23 26-0025	EA		2,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	2,048.36	580.93
22 12 23 26-0026	EA		3,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	2,672.47	677.75
22 12 23 26-0027	EA		4,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	3,915.86	774.57
22 12 23 26-0028	EA		5,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	5,289.06	871.41
22 12 23 26-0029	EA		6,250 Gallon Vertical Non-Pressurized Polyethylene Tank.....	5,994.56	968.23
22 12 23 26-0030	EA		7,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	6,605.45	1,065.05
22 12 23 26-0031	EA		8,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	7,605.75	1,161.87
22 12 23 26-0032	EA		9,150 Gallon Vertical Non-Pressurized Polyethylene Tank.....	8,587.34	1,258.69
22 12 23 26-0033	EA		10,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	10,613.94	1,355.51
22 12 23 26-0034	EA		12,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	12,764.13	1,549.16

**22 13 Facility Sanitary Sewerage (22 10)****22 13 13 Facility Sanitary Sewers (22 13)****22 13 13 00-0001 Fixture Rough-In (22 13 13)**

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

**22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)**

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA		Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	589.80	
			Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0004	EA		Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	778.34	
			Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0005	EA		Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	537.52	
			Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0006 EA Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....347.56 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	347.56	
22 13 13 00-0007 EA Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....409.58 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	409.58	
22 13 13 00-0008 EA Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....523.25 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	523.25	
22 13 13 00-0009 EA Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....556.10 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	556.10	
22 13 13 00-0010 EA Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....336.19 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	336.19	
22 13 13 00-0011 EA Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....537.52 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	537.52	
22 13 13 00-0012 EA Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....553.61 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	553.61	
22 13 13 00-0013 EA Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....522.62 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	522.62	
22 13 13 00-0014 EA Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....589.80 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	589.80	
22 13 13 00-0015 EA Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....923.80 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	923.80	
22 13 13 00-0016 EA Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe .....571.61 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	571.61	
<b>22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)</b> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018 EA Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....765.69 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	765.69	
22 13 13 00-0019 EA Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....1,043.18 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,043.18	
22 13 13 00-0020 EA Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....661.33 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	661.33	
22 13 13 00-0021 EA Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe .....414.80 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	414.80	
22 13 13 00-0022 EA Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....558.38 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	558.38	
22 13 13 00-0023 EA Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....591.30 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	591.30	
22 13 13 00-0024 EA Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe .....392.51 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	392.51	
22 13 13 00-0025 EA Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe .....667.52 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	667.52	
22 13 13 00-0026 EA Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....582.90 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	582.90	
22 13 13 00-0027 EA Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe .....567.42 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	567.42	
22 13 13 00-0028 EA Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe .....765.69 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	765.69	
<b>22 13 13 00-0029 Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)</b> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030 EA Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....382.55 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	382.55	
22 13 13 00-0031 EA Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....521.58 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	521.58	
22 13 13 00-0032 EA Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....330.97 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	330.97	
22 13 13 00-0033 EA Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....207.71 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	207.71	
22 13 13 00-0034 EA Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....279.20 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	279.20	
22 13 13 00-0035 EA Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....295.64 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	295.64	
22 13 13 00-0036 EA Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....211.74 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	211.74	
22 13 13 00-0037 EA Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet .....333.45 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	333.45	
22 13 13 00-0038 EA Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....291.45 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	291.45	
22 13 13 00-0039 EA Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....284.01 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	284.01	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	378.21	
<b>22 13 13 00-0041</b>		<b>Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe</b> <sup>(22 13 13 00-0001)</sup> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	283.51	
22 13 13 00-0043	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	272.00	
22 13 13 00-0044	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	276.41	
22 13 13 00-0045	EA	Wall Mounted Urinal, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	159.11	
22 13 13 00-0046	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	185.77	
22 13 13 00-0047	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	263.03	
22 13 13 00-0048	EA	Bathub, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	258.26	
22 13 13 00-0049	EA	Free Standing Water Cooler, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	159.87	
22 13 13 00-0050	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	276.41	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	299.26	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	272.09	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	283.43	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	433.71	
22 13 13 00-0055	EA	Bathub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	271.82	
<b>22 13 13 00-0056</b>		<b>Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe</b> <sup>(22 13 13 00-0001)</sup> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	329.97	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	352.66	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	288.36	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	168.13	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	263.09	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	272.17	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	167.43	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	293.86	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	303.19	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	289.36	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	329.97	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 13 13 00-0068</b> <b>Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe</b> <small>(22 13 13 00-0001)</small> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069 EA Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	164.74	
22 13 13 00-0070 EA Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	176.02	
22 13 13 00-0071 EA Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	144.35	
22 13 13 00-0072 EA Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	84.09	
22 13 13 00-0073 EA Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	131.53	
22 13 13 00-0074 EA Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	135.93	
22 13 13 00-0075 EA Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	83.72	
22 13 13 00-0076 EA Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	146.87	
22 13 13 00-0077 EA Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	151.61	
22 13 13 00-0078 EA Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	144.94	
22 13 13 00-0079 EA Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	160.63	
<b>22 13 16 Sanitary Waste And Vent Piping</b> <small>(22 13)</small>		
<b>22 13 16 00-0001</b> <b>Cast Iron Soil Pipe Assemblies</b> <small>(22 13 16)</small>		
<b>22 13 16 00-0002</b> <b>Underground Bell And Spigot Cast Iron Soil Pipe Assemblies</b> <small>(22 13 16 00-0001)</small> Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003 LF 2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	19.29	3.90
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0004 LF 3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	27.54	5.88
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0005 LF 4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	35.74	7.50
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0006 LF 5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	40.82	8.65
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0007 LF 6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	47.97	9.43
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0008 LF 8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	76.38	13.51
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0009 LF 10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly.....	112.34	13.51
<i>For Work In Restricted Working Space, Add</i>		
<b>22 13 16 00-0010</b> <b>Aboveground No Hub Cast Iron Soil Pipe Assemblies</b> <small>(22 13 16 00-0001)</small> Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011 LF 1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly.....	15.61	3.72
<i>For Work In Restricted Working Space, Add</i>		
22 13 16 00-0012 LF 2" Aboveground No Hub Cast Iron Soil Pipe Assembly.....	16.58	3.96
<i>For Work In Restricted Working Space, Add</i>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0013	LF		3" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	21.67 4.29	5.76
22 13 16 00-0014	LF		4" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	26.78 5.29	7.50
22 13 16 00-0015	LF		5" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	41.78 8.10	8.49
22 13 16 00-0016	LF		6" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	46.19 8.66	9.27
22 13 16 00-0017	LF		8" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	75.65 13.95	13.40
22 13 16 00-0018	LF		10" Aboveground No Hub Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	81.71 10.16	15.23
22 13 16 00-0019			<b>Bell And Spigot Cast Iron Soil Pipe And Fittings</b> (22 13 16) Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020			<b>Bell And Spigot Cast Iron Pipe</b> (22 13 16 00-0019) Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF		2" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.70 1.77 3.28 0.30	3.90
22 13 16 00-0022	LF		3" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	20.03 2.66 4.70 0.44	5.88
22 13 16 00-0023	LF		4" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	25.81 3.38 6.11 0.56	7.50
22 13 16 00-0024	LF		5" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	33.47 3.89 8.62 0.65	8.65
22 13 16 00-0025	LF		6" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	39.12 4.24 10.50 0.71	9.43
22 13 16 00-0026	LF		8" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	59.14 6.08 16.33 1.01	13.51
22 13 16 00-0027	LF		10" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	87.53 6.84 27.18 1.14	15.23
22 13 16 00-0028	LF		12" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	124.42 9.12 39.48 1.52	20.30
22 13 16 00-0029	LF		15" Bell And Spigot Cast Iron Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	173.90 10.95 57.71 1.83	24.35
22 13 16 00-0030			<b>Bell And Spigot Cast Iron Fittings</b> (22 13 16 00-0019)		
22 13 16 00-0031			<b>Bell And Spigot Cast Iron Long Sweeps</b> (22 13 16 00-0030)		
22 13 16 00-0032	EA		2" Bell And Spigot Cast Iron Long Sweep ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	61.85 7.99 12.32 1.33	17.79
22 13 16 00-0033	EA		3" Bell And Spigot Cast Iron Long Sweep ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	104.94 10.05 25.01 1.67	22.37
22 13 16 00-0034	EA		4" Bell And Spigot Cast Iron Long Sweep ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	139.81 13.37 33.33 2.23	29.74





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0035 EA 6" Bell And Spigot Cast Iron Long Sweep.....	215.23	36.62
For Work In Restricted Working Space, Add	16.47	
For Extra Heavy Fittings, Add	56.12	
For Above Ground Cast Iron Pipe Installation, Add	2.74	
22 13 16 00-0036 EA 8" Bell And Spigot Cast Iron Long Sweep.....	428.90	47.56
For Work In Restricted Working Space, Add	21.38	
For Extra Heavy Fittings, Add	125.17	
For Above Ground Cast Iron Pipe Installation, Add	3.56	
22 13 16 00-0037 EA 10" Bell And Spigot Cast Iron Long Sweep.....	587.22	58.51
For Work In Restricted Working Space, Add	26.32	
For Extra Heavy Fittings, Add	174.82	
For Above Ground Cast Iron Pipe Installation, Add	4.39	
22 13 16 00-0038 EA 12" Bell And Spigot Cast Iron Long Sweep.....	901.19	81.65
For Work In Restricted Working Space, Add	36.73	
For Extra Heavy Fittings, Add	272.56	
For Above Ground Cast Iron Pipe Installation, Add	6.12	
22 13 16 00-0039 EA 15" Bell And Spigot Cast Iron Long Sweep.....	1,676.65	113.71
For Work In Restricted Working Space, Add	51.14	
For Extra Heavy Fittings, Add	527.16	
For Above Ground Cast Iron Pipe Installation, Add	8.52	
<b>22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)</b>		
22 13 16 00-0041 EA 2" Bell And Spigot Cast Iron Short Sweep.....	52.56	17.79
For Work In Restricted Working Space, Add	7.99	
For Extra Heavy Fittings, Add	9.07	
For Above Ground Cast Iron Pipe Installation, Add	1.33	
22 13 16 00-0042 EA 3" Bell And Spigot Cast Iron Short Sweep.....	89.34	22.37
For Work In Restricted Working Space, Add	10.05	
For Extra Heavy Fittings, Add	19.55	
For Above Ground Cast Iron Pipe Installation, Add	1.67	
22 13 16 00-0043 EA 4" Bell And Spigot Cast Iron Short Sweep.....	122.27	29.74
For Work In Restricted Working Space, Add	13.37	
For Extra Heavy Fittings, Add	27.19	
For Above Ground Cast Iron Pipe Installation, Add	2.23	
22 13 16 00-0044 EA 5" Bell And Spigot Cast Iron Short Sweep.....	180.98	31.13
For Work In Restricted Working Space, Add	14.00	
For Extra Heavy Fittings, Add	47.02	
For Above Ground Cast Iron Pipe Installation, Add	2.33	
22 13 16 00-0045 EA 6" Bell And Spigot Cast Iron Short Sweep.....	218.57	36.62
For Work In Restricted Working Space, Add	16.47	
For Extra Heavy Fittings, Add	57.29	
For Above Ground Cast Iron Pipe Installation, Add	2.74	
22 13 16 00-0046 EA 8" Bell And Spigot Cast Iron Short Sweep.....	361.65	47.56
For Work In Restricted Working Space, Add	21.38	
For Extra Heavy Fittings, Add	101.63	
For Above Ground Cast Iron Pipe Installation, Add	3.56	
22 13 16 00-0047 EA 10" Bell And Spigot Cast Iron Short Sweep.....	529.85	58.51
For Work In Restricted Working Space, Add	26.32	
For Extra Heavy Fittings, Add	154.74	
For Above Ground Cast Iron Pipe Installation, Add	4.39	
22 13 16 00-0048 EA 12" Bell And Spigot Cast Iron Short Sweep.....	879.80	81.65
For Work In Restricted Working Space, Add	36.73	
For Extra Heavy Fittings, Add	265.08	
For Above Ground Cast Iron Pipe Installation, Add	6.12	
<b>22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends (22 13 16 00-0030)</b>		
22 13 16 00-0050 EA 2" Bell And Spigot Cast Iron 1/4 Bend.....	47.29	17.72
For Work In Restricted Working Space, Add	7.98	
For Extra Heavy Fittings, Add	7.25	
For Above Ground Cast Iron Pipe Installation, Add	1.33	
22 13 16 00-0051 EA 3" Bell And Spigot Cast Iron 1/4 Bend.....	71.29	19.95
For Work In Restricted Working Space, Add	8.98	
For Extra Heavy Fittings, Add	14.48	
For Above Ground Cast Iron Pipe Installation, Add	1.50	
22 13 16 00-0052 EA 4" Bell And Spigot Cast Iron 1/4 Bend.....	101.93	26.58
For Work In Restricted Working Space, Add	11.95	
For Extra Heavy Fittings, Add	21.73	
For Above Ground Cast Iron Pipe Installation, Add	1.99	
22 13 16 00-0053 EA 5" Bell And Spigot Cast Iron 1/4 Bend.....	125.04	27.80
For Work In Restricted Working Space, Add	12.50	
For Extra Heavy Fittings, Add	29.19	
For Above Ground Cast Iron Pipe Installation, Add	2.08	
22 13 16 00-0054 EA 6" Bell And Spigot Cast Iron 1/4 Bend.....	150.39	33.29
For Work In Restricted Working Space, Add	14.98	
For Extra Heavy Fittings, Add	35.16	
For Above Ground Cast Iron Pipe Installation, Add	2.50	
22 13 16 00-0055 EA 8" Bell And Spigot Cast Iron 1/4 Bend.....	314.91	43.79
For Work In Restricted Working Space, Add	19.69	
For Extra Heavy Fittings, Add	87.24	
For Above Ground Cast Iron Pipe Installation, Add	3.28	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0056 EA 10" Bell And Spigot Cast Iron 1/4 Bend .....	465.33	53.15
For Work In Restricted Working Space, Add	23.90	
For Extra Heavy Fittings, Add	134.98	
For Above Ground Cast Iron Pipe Installation, Add	3.98	
22 13 16 00-0057 EA 12" Bell And Spigot Cast Iron 1/4 Bend .....	614.09	62.73
For Work In Restricted Working Space, Add	28.22	
For Extra Heavy Fittings, Add	182.01	
For Above Ground Cast Iron Pipe Installation, Add	4.70	
22 13 16 00-0058 EA 15" Bell And Spigot Cast Iron 1/4 Bend .....	1,574.18	98.93
For Work In Restricted Working Space, Add	44.49	
For Extra Heavy Fittings, Add	499.06	
For Above Ground Cast Iron Pipe Installation, Add	7.42	
<b>22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0060 EA 2" Bell And Spigot Cast Iron 1/8 Bend .....	43.16	17.79
For Work In Restricted Working Space, Add	7.99	
For Extra Heavy Fittings, Add	5.78	
For Above Ground Cast Iron Pipe Installation, Add	1.33	
22 13 16 00-0061 EA 3" Bell And Spigot Cast Iron 1/8 Bend .....	67.59	22.37
For Work In Restricted Working Space, Add	10.05	
For Extra Heavy Fittings, Add	11.94	
For Above Ground Cast Iron Pipe Installation, Add	1.67	
22 13 16 00-0062 EA 4" Bell And Spigot Cast Iron 1/8 Bend .....	96.32	29.74
For Work In Restricted Working Space, Add	13.37	
For Extra Heavy Fittings, Add	18.11	
For Above Ground Cast Iron Pipe Installation, Add	2.23	
22 13 16 00-0063 EA 5" Bell And Spigot Cast Iron 1/8 Bend .....	117.38	34.78
For Work In Restricted Working Space, Add	15.64	
For Extra Heavy Fittings, Add	22.83	
For Above Ground Cast Iron Pipe Installation, Add	2.61	
22 13 16 00-0064 EA 6" Bell And Spigot Cast Iron 1/8 Bend .....	135.87	38.79
For Work In Restricted Working Space, Add	17.45	
For Extra Heavy Fittings, Add	27.19	
For Above Ground Cast Iron Pipe Installation, Add	2.91	
22 13 16 00-0065 EA 8" Bell And Spigot Cast Iron 1/8 Bend .....	273.03	52.46
For Work In Restricted Working Space, Add	23.60	
For Extra Heavy Fittings, Add	68.03	
For Above Ground Cast Iron Pipe Installation, Add	3.93	
22 13 16 00-0066 EA 10" Bell And Spigot Cast Iron 1/8 Bend .....	382.56	64.72
For Work In Restricted Working Space, Add	29.12	
For Extra Heavy Fittings, Add	99.93	
For Above Ground Cast Iron Pipe Installation, Add	4.85	
22 13 16 00-0067 EA 12" Bell And Spigot Cast Iron 1/8 Bend .....	619.82	83.94
For Work In Restricted Working Space, Add	37.74	
For Extra Heavy Fittings, Add	172.90	
For Above Ground Cast Iron Pipe Installation, Add	6.29	
22 13 16 00-0068 EA 15" Bell And Spigot Cast Iron 1/8 Bend .....	1,192.78	98.93
For Work In Restricted Working Space, Add	44.49	
For Extra Heavy Fittings, Add	365.57	
For Above Ground Cast Iron Pipe Installation, Add	7.42	
<b>22 13 16 00-0069 Bell And Spigot Cast Iron Wyes</b> (22 13 16 00-0030)		
22 13 16 00-0070 EA 2" Bell And Spigot Cast Iron Wye .....	75.48	39.72
For Work In Restricted Working Space, Add	17.87	
For Extra Heavy Fittings, Add	5.57	
For Above Ground Cast Iron Pipe Installation, Add	2.98	
22 13 16 00-0071 EA 3" Bell And Spigot Cast Iron Wye .....	95.00	43.50
For Work In Restricted Working Space, Add	19.57	
For Extra Heavy Fittings, Add	10.42	
For Above Ground Cast Iron Pipe Installation, Add	3.26	
22 13 16 00-0072 EA 4" Bell And Spigot Cast Iron Wye .....	125.07	57.01
For Work In Restricted Working Space, Add	25.63	
For Extra Heavy Fittings, Add	13.87	
For Above Ground Cast Iron Pipe Installation, Add	4.27	
22 13 16 00-0073 EA 5" Bell And Spigot Cast Iron Wye .....	155.81	59.87
For Work In Restricted Working Space, Add	26.93	
For Extra Heavy Fittings, Add	23.11	
For Above Ground Cast Iron Pipe Installation, Add	4.49	
22 13 16 00-0074 EA 6" Bell And Spigot Cast Iron Wye .....	195.87	70.96
For Work In Restricted Working Space, Add	31.92	
For Extra Heavy Fittings, Add	31.31	
For Above Ground Cast Iron Pipe Installation, Add	5.32	
22 13 16 00-0075 EA 8" Bell And Spigot Cast Iron Wye .....	363.02	95.80
For Work In Restricted Working Space, Add	43.09	
For Extra Heavy Fittings, Add	76.78	
For Above Ground Cast Iron Pipe Installation, Add	7.18	
22 13 16 00-0076 EA 10" Bell And Spigot Cast Iron Wye .....	511.13	108.68
For Work In Restricted Working Space, Add	48.88	
For Extra Heavy Fittings, Add	121.87	
For Above Ground Cast Iron Pipe Installation, Add	8.15	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0077	EA		12" Bell And Spigot Cast Iron Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	758.52 59.50 196.06 9.92	132.29
22 13 16 00-0078	EA		15" Bell And Spigot Cast Iron Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,181.74 66.76 335.72 11.13	148.44
<b>22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes</b> <small>(22 13 16 00-0030)</small>					
22 13 16 00-0080	EA		3" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	119.43 18.68 20.01 3.11	41.51
22 13 16 00-0081	EA		4" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	145.36 23.09 23.94 3.85	51.31
22 13 16 00-0082	EA		4" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	162.19 23.67 29.15 3.95	52.61
22 13 16 00-0083	EA		6" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	234.10 28.59 48.58 4.76	63.59
22 13 16 00-0084	EA		6" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	240.20 29.13 50.09 4.86	64.75
22 13 16 00-0085	EA		6" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	251.30 31.07 51.71 5.18	69.07
22 13 16 00-0086	EA		8" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	372.93 34.64 90.11 5.77	77.04
22 13 16 00-0087	EA		8" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	390.02 35.31 95.31 5.89	78.52
22 13 16 00-0088	EA		8" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	399.26 36.99 96.59 6.17	82.23
22 13 16 00-0089	EA		8" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	472.28 41.15 117.29 6.86	91.47
22 13 16 00-0090	EA		10" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	584.91 38.55 159.74 6.43	85.71
22 13 16 00-0091	EA		10" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	608.42 40.25 165.99 6.71	89.47
22 13 16 00-0092	EA		10" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	665.52 44.49 181.03 7.42	98.93
22 13 16 00-0093	EA		10" x 8" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	882.40 47.19 253.78 7.87	104.93
22 13 16 00-0094	EA		12" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	908.51 47.19 262.92 7.87	104.93
22 13 16 00-0095	EA		12" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	945.14 51.14 271.13 8.52	113.71
22 13 16 00-0096	EA		12" x 8" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,111.20 53.67 326.31 8.94	119.34
22 13 16 00-0097	EA		12" x 10" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,352.86 55.28 409.01 9.21	122.88

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0098 EA 15" x 4" Bell And Spigot Cast Iron Reducing Wye .....	2,245.23	115.87
For Work In Restricted Working Space, Add	52.12	
For Extra Heavy Fittings, Add	725.03	
For Above Ground Cast Iron Pipe Installation, Add	8.69	
22 13 16 00-0099 EA 15" x 6" Bell And Spigot Cast Iron Reducing Wye .....	2,342.82	125.40
For Work In Restricted Working Space, Add	56.41	
For Extra Heavy Fittings, Add	754.18	
For Above Ground Cast Iron Pipe Installation, Add	9.40	
22 13 16 00-0100 EA 15" x 8" Bell And Spigot Cast Iron Reducing Wye .....	2,390.57	130.81
For Work In Restricted Working Space, Add	58.84	
For Extra Heavy Fittings, Add	768.06	
For Above Ground Cast Iron Pipe Installation, Add	9.81	
22 13 16 00-0101 EA 15" x 10" Bell And Spigot Cast Iron Reducing Wye .....	2,446.11	135.26
For Work In Restricted Working Space, Add	60.83	
For Extra Heavy Fittings, Add	785.18	
For Above Ground Cast Iron Pipe Installation, Add	10.14	
22 13 16 00-0102 EA 15" x 12" Bell And Spigot Cast Iron Reducing Wye .....	2,507.51	143.13
For Work In Restricted Working Space, Add	64.37	
For Extra Heavy Fittings, Add	802.53	
For Above Ground Cast Iron Pipe Installation, Add	10.73	
<b>22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0030)</b>		
22 13 16 00-0104 EA 2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	82.28	39.72
For Work In Restricted Working Space, Add	17.87	
For Extra Heavy Fittings, Add	7.95	
For Above Ground Cast Iron Pipe Installation, Add	2.98	
22 13 16 00-0105 EA 3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	99.19	43.50
For Work In Restricted Working Space, Add	19.57	
For Extra Heavy Fittings, Add	11.89	
For Above Ground Cast Iron Pipe Installation, Add	3.26	
22 13 16 00-0106 EA 4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	132.37	57.01
For Work In Restricted Working Space, Add	25.63	
For Extra Heavy Fittings, Add	16.43	
For Above Ground Cast Iron Pipe Installation, Add	4.27	
22 13 16 00-0107 EA 5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	179.16	62.81
For Work In Restricted Working Space, Add	28.24	
For Extra Heavy Fittings, Add	29.76	
For Above Ground Cast Iron Pipe Installation, Add	4.71	
22 13 16 00-0108 EA 6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	224.44	77.90
For Work In Restricted Working Space, Add	35.03	
For Extra Heavy Fittings, Add	37.68	
For Above Ground Cast Iron Pipe Installation, Add	5.84	
22 13 16 00-0109 EA 8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	416.75	103.16
For Work In Restricted Working Space, Add	46.39	
For Extra Heavy Fittings, Add	91.74	
For Above Ground Cast Iron Pipe Installation, Add	7.73	
22 13 16 00-0110 EA 10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	602.64	135.26
For Work In Restricted Working Space, Add	60.83	
For Extra Heavy Fittings, Add	139.96	
For Above Ground Cast Iron Pipe Installation, Add	10.14	
22 13 16 00-0111 EA 12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend.....	808.68	173.86
For Work In Restricted Working Space, Add	78.20	
For Extra Heavy Fittings, Add	191.80	
For Above Ground Cast Iron Pipe Installation, Add	13.03	
<b>22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0030)</b>		
22 13 16 00-0113 EA 3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	87.74	41.51
For Work In Restricted Working Space, Add	18.68	
For Extra Heavy Fittings, Add	8.92	
For Above Ground Cast Iron Pipe Installation, Add	3.11	
22 13 16 00-0114 EA 4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	123.75	51.31
For Work In Restricted Working Space, Add	23.09	
For Extra Heavy Fittings, Add	16.38	
For Above Ground Cast Iron Pipe Installation, Add	3.85	
22 13 16 00-0115 EA 4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	133.67	52.61
For Work In Restricted Working Space, Add	23.67	
For Extra Heavy Fittings, Add	19.17	
For Above Ground Cast Iron Pipe Installation, Add	3.95	
22 13 16 00-0116 EA 6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	193.20	63.59
For Work In Restricted Working Space, Add	28.59	
For Extra Heavy Fittings, Add	34.27	
For Above Ground Cast Iron Pipe Installation, Add	4.76	
22 13 16 00-0117 EA 6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	201.37	64.75
For Work In Restricted Working Space, Add	29.13	
For Extra Heavy Fittings, Add	36.49	
For Above Ground Cast Iron Pipe Installation, Add	4.86	
22 13 16 00-0118 EA 6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	213.41	69.07
For Work In Restricted Working Space, Add	31.07	
For Extra Heavy Fittings, Add	38.44	
For Above Ground Cast Iron Pipe Installation, Add	5.18	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0119 EA 8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	296.96 34.64 63.52 5.77	77.04
22 13 16 00-0120 EA 8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	304.78 36.99 63.52 6.17	82.23
22 13 16 00-0121 EA 8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	386.30 41.15 87.20 6.86	91.47
<b>22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes (22 13 16 00-0030)</b>		
22 13 16 00-0123 EA 2" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	134.01 21.37 21.98 3.56	47.52
22 13 16 00-0124 EA 3" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	195.22 26.94 36.90 4.49	59.91
22 13 16 00-0125 EA 4" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	265.01 34.10 52.98 5.68	75.78
22 13 16 00-0126 EA 6" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	499.24 49.04 117.52 8.17	109.02
22 13 16 00-0127 EA 8" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,011.42 58.24 286.06 9.71	129.50
22 13 16 00-0128 EA 10" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,343.21 65.17 394.09 10.86	144.90
22 13 16 00-0129 EA 12" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	923.54 78.20 232.00 13.03	173.86
22 13 16 00-0130 EA 15" Bell And Spigot Cast Iron Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	2,637.00 82.12 827.15 13.69	182.48
<b>22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes (22 13 16 00-0030)</b>		
22 13 16 00-0132 EA 3" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	121.33 25.28 12.97 4.21	56.20
22 13 16 00-0133 EA 4" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	141.00 29.04 15.47 4.84	64.56
22 13 16 00-0134 EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	152.77 30.47 17.92 5.08	67.72
22 13 16 00-0135 EA 6" x 2" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	189.78 34.01 26.74 5.67	75.62
22 13 16 00-0136 EA 6" x 3" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	201.37 35.31 29.29 5.88	78.51
22 13 16 00-0137 EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	232.26 38.51 36.37 6.42	85.61
22 13 16 00-0138 EA 8" x 4" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	380.28 44.87 80.75 7.48	99.79
22 13 16 00-0139 EA 8" x 6" Bell And Spigot Cast Iron Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	413.19 53.13 82.64 8.85	118.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0140	EA		10" x 4" Bell And Spigot Cast Iron Reducing Double Wye .....	405.06	106.74
			<i>For Work In Restricted Working Space, Add</i>	48.02	
			<i>For Extra Heavy Fittings, Add</i>	85.75	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.00	
22 13 16 00-0141	EA		10" x 6" Bell And Spigot Cast Iron Reducing Double Wye .....	471.95	125.40
			<i>For Work In Restricted Working Space, Add</i>	56.41	
			<i>For Extra Heavy Fittings, Add</i>	99.37	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.40	
22 13 16 00-0142	EA		10" x 8" Bell And Spigot Cast Iron Reducing Double Wye .....	583.51	136.68
			<i>For Work In Restricted Working Space, Add</i>	61.48	
			<i>For Extra Heavy Fittings, Add</i>	132.50	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.25	
22 13 16 00-0143	EA		12" x 6" Bell And Spigot Cast Iron Reducing Double Wye .....	595.98	139.82
			<i>For Work In Restricted Working Space, Add</i>	62.89	
			<i>For Extra Heavy Fittings, Add</i>	135.22	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.48	
22 13 16 00-0144	EA		12" x 8" Bell And Spigot Cast Iron Reducing Double Wye .....	764.71	152.13
			<i>For Work In Restricted Working Space, Add</i>	68.43	
			<i>For Extra Heavy Fittings, Add</i>	187.82	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.40	
<b>22 13 16 00-0145</b>			<b>Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0146	EA		2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	111.51	47.52
			<i>For Work In Restricted Working Space, Add</i>	21.37	
			<i>For Extra Heavy Fittings, Add</i>	14.10	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.56	
22 13 16 00-0147	EA		3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	150.18	63.57
			<i>For Work In Restricted Working Space, Add</i>	28.60	
			<i>For Extra Heavy Fittings, Add</i>	19.20	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.77	
22 13 16 00-0148	EA		4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	196.35	79.49
			<i>For Work In Restricted Working Space, Add</i>	35.75	
			<i>For Extra Heavy Fittings, Add</i>	27.02	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.96	
22 13 16 00-0149	EA		6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	422.03	121.84
			<i>For Work In Restricted Working Space, Add</i>	54.81	
			<i>For Extra Heavy Fittings, Add</i>	83.77	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.13	
<b>22 13 16 00-0150</b>			<b>Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0151	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	149.12	57.01
			<i>For Work In Restricted Working Space, Add</i>	25.63	
			<i>For Extra Heavy Fittings, Add</i>	22.29	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.27	
22 13 16 00-0152	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	177.04	64.56
			<i>For Work In Restricted Working Space, Add</i>	29.04	
			<i>For Extra Heavy Fittings, Add</i>	28.08	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.84	
22 13 16 00-0153	EA		4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	198.78	71.88
			<i>For Work In Restricted Working Space, Add</i>	32.32	
			<i>For Extra Heavy Fittings, Add</i>	31.87	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.39	
22 13 16 00-0154	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	391.79	90.88
			<i>For Work In Restricted Working Space, Add</i>	40.88	
			<i>For Extra Heavy Fittings, Add</i>	89.43	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.81	
<b>22 13 16 00-0155</b>			<b>Bell And Spigot Cast Iron Sanitary Tees</b> (22 13 16 00-0030)		
22 13 16 00-0156	EA		2" Bell And Spigot Cast Iron Sanitary Tee .....	91.03	39.78
			<i>For Work In Restricted Working Space, Add</i>	17.89	
			<i>For Extra Heavy Fittings, Add</i>	10.99	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.98	
22 13 16 00-0157	EA		3" Bell And Spigot Cast Iron Sanitary Tee .....	103.56	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
			<i>For Extra Heavy Fittings, Add</i>	13.42	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.26	
22 13 16 00-0158	EA		4" Bell And Spigot Cast Iron Sanitary Tee .....	167.18	53.28
			<i>For Work In Restricted Working Space, Add</i>	23.98	
			<i>For Extra Heavy Fittings, Add</i>	30.54	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.00	
22 13 16 00-0159	EA		5" Bell And Spigot Cast Iron Sanitary Tee .....	238.39	55.37
			<i>For Work In Restricted Working Space, Add</i>	24.92	
			<i>For Extra Heavy Fittings, Add</i>	54.37	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.15	
22 13 16 00-0160	EA		6" Bell And Spigot Cast Iron Sanitary Tee .....	285.98	66.42
			<i>For Work In Restricted Working Space, Add</i>	29.87	
			<i>For Extra Heavy Fittings, Add</i>	65.24	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.98	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0161 EA 8" Bell And Spigot Cast Iron Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	622.02 39.37 171.77 6.56	87.53
22 13 16 00-0162 EA 10" Bell And Spigot Cast Iron Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	937.38 48.02 272.06 8.00	106.74
22 13 16 00-0163 EA 12" Bell And Spigot Cast Iron Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,402.25 56.41 424.98 9.40	125.40
<b>22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees (22 13 16 00-0030)</b>		
22 13 16 00-0165 EA 3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	122.41 18.68 21.05 3.11	41.51
22 13 16 00-0166 EA 4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	144.95 21.87 25.22 3.65	48.63
22 13 16 00-0167 EA 4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	151.89 21.87 27.65 3.65	48.63
22 13 16 00-0168 EA 6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	224.84 28.59 45.34 4.76	63.59
22 13 16 00-0169 EA 6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	234.25 29.13 48.00 4.86	64.75
22 13 16 00-0170 EA 6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	254.27 31.07 52.75 5.18	69.07
22 13 16 00-0171 EA 8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	438.59 36.99 110.35 6.17	82.23
22 13 16 00-0172 EA 8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	551.92 41.15 145.17 6.86	91.47
<b>22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees (22 13 16 00-0030)</b>		
22 13 16 00-0174 EA 2" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	77.92 17.87 6.42 2.98	39.72
22 13 16 00-0175 EA 3" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	97.15 19.57 11.18 3.26	43.50
22 13 16 00-0176 EA 4" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	128.70 25.63 15.14 4.27	57.01
22 13 16 00-0177 EA 5" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	158.67 28.24 22.59 4.71	62.81
22 13 16 00-0178 EA 6" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	199.92 35.03 29.10 5.84	77.90
22 13 16 00-0179 EA 8" Bell And Spigot Cast Iron Vent Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	348.14 46.39 67.73 7.73	103.16
<b>22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)</b>		
22 13 16 00-0181 EA 2" Bell And Spigot Cast Iron Tapped Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	80.07 17.87 7.17 2.98	39.72
22 13 16 00-0182 EA 3" Bell And Spigot Cast Iron Tapped Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	88.39 19.57 8.11 3.26	43.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0183	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Tee .....	113.99	57.01
			<i>For Work In Restricted Working Space, Add</i>	25.63	
			<i>For Extra Heavy Fittings, Add</i>	9.99	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.27	
<b>22 13 16 00-0184</b>			<b>Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)</b>		
22 13 16 00-0185	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Cross .....	81.43	39.72
			<i>For Work In Restricted Working Space, Add</i>	17.87	
			<i>For Extra Heavy Fittings, Add</i>	7.65	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.98	
22 13 16 00-0186	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Cross .....	90.96	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
			<i>For Extra Heavy Fittings, Add</i>	9.01	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.26	
22 13 16 00-0187	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Cross .....	120.47	57.01
			<i>For Work In Restricted Working Space, Add</i>	25.63	
			<i>For Extra Heavy Fittings, Add</i>	12.26	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.27	
<b>22 13 16 00-0188</b>			<b>Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)</b>		
22 13 16 00-0189	EA		3" x 2" Bell And Spigot Cast Iron Reducer .....	45.09	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Extra Heavy Fittings, Add</i>	4.06	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.67	
22 13 16 00-0190	EA		4" x 2" Bell And Spigot Cast Iron Reducer .....	56.39	29.50
			<i>For Work In Restricted Working Space, Add</i>	13.28	
			<i>For Extra Heavy Fittings, Add</i>	4.25	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.21	
22 13 16 00-0191	EA		4" x 3" Bell And Spigot Cast Iron Reducer .....	60.34	29.74
			<i>For Work In Restricted Working Space, Add</i>	13.37	
			<i>For Extra Heavy Fittings, Add</i>	5.52	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.23	
22 13 16 00-0192	EA		6" x 2" Bell And Spigot Cast Iron Reducer .....	73.34	33.62
			<i>For Work In Restricted Working Space, Add</i>	15.13	
			<i>For Extra Heavy Fittings, Add</i>	8.02	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.52	
22 13 16 00-0193	EA		6" x 3" Bell And Spigot Cast Iron Reducer .....	76.85	34.07
			<i>For Work In Restricted Working Space, Add</i>	15.33	
			<i>For Extra Heavy Fittings, Add</i>	9.01	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.56	
22 13 16 00-0194	EA		6" x 4" Bell And Spigot Cast Iron Reducer .....	79.37	34.78
			<i>For Work In Restricted Working Space, Add</i>	15.64	
			<i>For Extra Heavy Fittings, Add</i>	9.53	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.61	
22 13 16 00-0195	EA		8" x 2" Bell And Spigot Cast Iron Reducer .....	104.01	35.85
			<i>For Work In Restricted Working Space, Add</i>	16.12	
			<i>For Extra Heavy Fittings, Add</i>	17.59	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.69	
22 13 16 00-0196	EA		8" x 3" Bell And Spigot Cast Iron Reducer .....	117.40	44.42
			<i>For Work In Restricted Working Space, Add</i>	19.98	
			<i>For Extra Heavy Fittings, Add</i>	17.78	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.33	
22 13 16 00-0197	EA		8" x 4" Bell And Spigot Cast Iron Reducer .....	120.48	45.56
			<i>For Work In Restricted Working Space, Add</i>	20.50	
			<i>For Extra Heavy Fittings, Add</i>	18.25	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.42	
22 13 16 00-0198	EA		8" x 6" Bell And Spigot Cast Iron Reducer .....	124.39	47.56
			<i>For Work In Restricted Working Space, Add</i>	21.38	
			<i>For Extra Heavy Fittings, Add</i>	18.59	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.56	
22 13 16 00-0199	EA		10" x 4" Bell And Spigot Cast Iron Reducer .....	156.04	53.37
			<i>For Work In Restricted Working Space, Add</i>	24.01	
			<i>For Extra Heavy Fittings, Add</i>	26.60	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.00	
22 13 16 00-0200	EA		10" x 6" Bell And Spigot Cast Iron Reducer .....	164.54	56.05
			<i>For Work In Restricted Working Space, Add</i>	25.22	
			<i>For Extra Heavy Fittings, Add</i>	28.16	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.20	
22 13 16 00-0201	EA		10" x 8" Bell And Spigot Cast Iron Reducer .....	175.47	58.51
			<i>For Work In Restricted Working Space, Add</i>	26.32	
			<i>For Extra Heavy Fittings, Add</i>	30.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.39	
22 13 16 00-0202	EA		12" x 4" Bell And Spigot Cast Iron Reducer .....	219.13	63.41
			<i>For Work In Restricted Working Space, Add</i>	28.51	
			<i>For Extra Heavy Fittings, Add</i>	43.44	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
22 13 16 00-0203	EA		12" x 6" Bell And Spigot Cast Iron Reducer .....	243.98	74.19
			<i>For Work In Restricted Working Space, Add</i>	33.38	
			<i>For Extra Heavy Fittings, Add</i>	46.45	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.56	





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0204	EA		12" x 8" Bell And Spigot Cast Iron Reducer.....	263.38	84.50
			<i>For Work In Restricted Working Space, Add</i>	38.02	
			<i>For Extra Heavy Fittings, Add</i>	47.83	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.34	
22 13 16 00-0205	EA		12" x 10" Bell And Spigot Cast Iron Reducer.....	287.97	97.34
			<i>For Work In Restricted Working Space, Add</i>	43.78	
			<i>For Extra Heavy Fittings, Add</i>	49.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.30	
22 13 16 00-0206	EA		15" x 6" Bell And Spigot Cast Iron Reducer.....	379.88	97.34
			<i>For Work In Restricted Working Space, Add</i>	43.78	
			<i>For Extra Heavy Fittings, Add</i>	81.88	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.30	
22 13 16 00-0207	EA		15" x 8" Bell And Spigot Cast Iron Reducer.....	404.05	104.93
			<i>For Work In Restricted Working Space, Add</i>	47.19	
			<i>For Extra Heavy Fittings, Add</i>	86.36	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.87	
22 13 16 00-0208	EA		15" x 10" Bell And Spigot Cast Iron Reducer.....	420.56	110.62
			<i>For Work In Restricted Working Space, Add</i>	49.77	
			<i>For Extra Heavy Fittings, Add</i>	89.13	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.29	
22 13 16 00-0209	EA		15" x 12" Bell And Spigot Cast Iron Reducer.....	442.97	118.09
			<i>For Work In Restricted Working Space, Add</i>	53.13	
			<i>For Extra Heavy Fittings, Add</i>	93.06	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.85	
<b>22 13 16 00-0210</b>			<b>Bell And Spigot Cast Iron P-Traps</b> (22 13 16 00-0030)		
22 13 16 00-0211	EA		2" Bell And Spigot Cast Iron P-Trap.....	46.47	17.79
			<i>For Work In Restricted Working Space, Add</i>	7.99	
			<i>For Extra Heavy Fittings, Add</i>	6.94	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.33	
22 13 16 00-0212	EA		3" Bell And Spigot Cast Iron P-Trap.....	62.34	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Extra Heavy Fittings, Add</i>	10.10	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.67	
22 13 16 00-0213	EA		4" Bell And Spigot Cast Iron P-Trap.....	85.00	29.74
			<i>For Work In Restricted Working Space, Add</i>	13.37	
			<i>For Extra Heavy Fittings, Add</i>	14.15	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.23	
22 13 16 00-0214	EA		5" Bell And Spigot Cast Iron P-Trap.....	133.30	31.13
			<i>For Work In Restricted Working Space, Add</i>	14.00	
			<i>For Extra Heavy Fittings, Add</i>	30.33	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.33	
22 13 16 00-0215	EA		6" Bell And Spigot Cast Iron P-Trap.....	179.68	36.62
			<i>For Work In Restricted Working Space, Add</i>	16.47	
			<i>For Extra Heavy Fittings, Add</i>	43.68	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.74	
22 13 16 00-0216	EA		8" Bell And Spigot Cast Iron P-Trap.....	404.41	47.56
			<i>For Work In Restricted Working Space, Add</i>	21.38	
			<i>For Extra Heavy Fittings, Add</i>	116.60	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.56	
22 13 16 00-0217	EA		10" Bell And Spigot Cast Iron P-Trap.....	447.63	58.51
			<i>For Work In Restricted Working Space, Add</i>	26.32	
			<i>For Extra Heavy Fittings, Add</i>	125.97	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.39	
<b>22 13 16 00-0218</b>			<b>Bell And Spigot Cast Iron Deep Seal P-Traps</b> (22 13 16 00-0030)		
22 13 16 00-0219	EA		2" Bell And Spigot Cast Iron Deep Seal P-Trap.....	54.00	17.79
			<i>For Work In Restricted Working Space, Add</i>	7.99	
			<i>For Extra Heavy Fittings, Add</i>	9.58	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.33	
22 13 16 00-0220	EA		3" Bell And Spigot Cast Iron Deep Seal P-Trap.....	77.15	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Extra Heavy Fittings, Add</i>	15.28	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.67	
22 13 16 00-0221	EA		4" Bell And Spigot Cast Iron Deep Seal P-Trap.....	112.53	29.74
			<i>For Work In Restricted Working Space, Add</i>	13.37	
			<i>For Extra Heavy Fittings, Add</i>	23.78	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.23	
22 13 16 00-0222	EA		5" Bell And Spigot Cast Iron Deep Seal P-Trap.....	182.32	34.78
			<i>For Work In Restricted Working Space, Add</i>	15.64	
			<i>For Extra Heavy Fittings, Add</i>	45.56	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.61	
22 13 16 00-0223	EA		6" Bell And Spigot Cast Iron Deep Seal P-Trap.....	193.22	38.79
			<i>For Work In Restricted Working Space, Add</i>	17.45	
			<i>For Extra Heavy Fittings, Add</i>	47.26	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.91	
<b>22 13 16 00-0224</b>			<b>Bell And Spigot Cast Iron Running Traps With Single Vent</b> (22 13 16 00-0030)		
22 13 16 00-0225	EA		3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent.....	124.45	42.93
			<i>For Work In Restricted Working Space, Add</i>	19.57	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0226 EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	166.07 25.63 4.27	56.44
22 13 16 00-0227 EA 5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	219.71 27.40 4.57	60.42
22 13 16 00-0228 EA 6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	449.13 31.07 5.18	68.47
22 13 16 00-0229 EA 8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,495.20 36.99 6.17	81.31
22 13 16 00-0230 EA 8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,618.60 41.15 6.86	90.72
<b>22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent</b> (22 13 16 00-0030)		
22 13 16 00-0232 EA 3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	158.99 26.94 4.49	59.30
22 13 16 00-0233 EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	217.45 34.10 5.68	74.84
22 13 16 00-0234 EA 6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	499.43 38.51 6.42	84.62
22 13 16 00-0235 EA 6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	578.67 46.56 7.76	102.42
22 13 16 00-0236 EA 8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,608.94 44.87 7.48	98.59
22 13 16 00-0237 EA 8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	1,764.39 53.13 8.85	117.07
22 13 16 00-0238 EA 10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	2,349.42 61.48 10.25	135.09
22 13 16 00-0239 EA 12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	3,255.98 70.98 11.83	156.19
22 13 16 00-0240 EA 15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	6,354.92 82.15 13.69	180.65
<b>22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings</b> (22 13 16 00-0030)		
22 13 16 00-0242 EA 2" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	97.36 7.97 1.33	
22 13 16 00-0243 EA 3" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	134.58 8.96 1.49	
22 13 16 00-0244 EA 4" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	155.18 12.00 2.00	
22 13 16 00-0245 EA 5" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	191.76 13.94 2.32	
22 13 16 00-0246 EA 6" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	232.88 16.84 2.81	
22 13 16 00-0247 EA 8" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	442.64 21.29 3.55	
<b>22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe</b> (22 13 16 00-0019) Note: For use when connecting pipe to an existing in-place system.		
22 13 16 00-0249 EA 2", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.40 2.22 0.37	
22 13 16 00-0250 EA 3", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.08 2.42 0.40	
22 13 16 00-0251 EA 4", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.09 3.03 0.50	
22 13 16 00-0252 EA 6", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.12 3.64 0.61	
22 13 16 00-0253 EA 8", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	16.15 4.85 0.81	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Sanitary Sewerage	22 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0254	EA		10", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	18.84 5.65 0.94	
22 13 16 00-0255	EA		12", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	22.21 6.66 1.11	
22 13 16 00-0256	EA		15", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i>	25.58 7.67 1.28	
<b>22 13 16 00-0257</b>			<b>Joint Material</b> (22 13 16 00-0019) Note: Labor costs are included in the installation costs for fittings.		
22 13 16 00-0258	LB		Lead (1 LB/Diameter Inch) Joint Material .....	1.55	
22 13 16 00-0259	LB		Oakum (1/8 LB/Diameter Inch) Joint Material .....	6.87	
22 13 16 00-0260	EA		2" Dual Tite Rubber Gasket .....	0.68	
22 13 16 00-0261	EA		3" Dual Tite Rubber Gasket .....	0.93	
22 13 16 00-0262	EA		4" Dual Tite Rubber Gasket .....	1.16	
22 13 16 00-0263	EA		6" Dual Tite Rubber Gasket .....	1.92	
22 13 16 00-0264	EA		8" Dual Tite Rubber Gasket .....	4.24	
22 13 16 00-0265	EA		10" Dual Tite Rubber Gasket .....	6.50	
22 13 16 00-0266	EA		12" Dual Tite Rubber Gasket .....	8.28	
22 13 16 00-0267	EA		15" Dual Tite Rubber Gasket .....	9.83	
<b>22 13 16 00-0268</b>			<b>No Hub Cast Iron Soil Pipe And Fittings</b> (22 13 16) Note: Service Weight. Excludes hangers.		
<b>22 13 16 00-0269</b>			<b>No Hub Cast Iron Pipe</b> (22 13 16 00-0268) Note: Excludes couplings.		
22 13 16 00-0270	LF		1-1/2" No Hub Cast Iron Pipe .....	8.85	3.72
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.28 1.67	
22 13 16 00-0271	LF		2" No Hub Cast Iron Pipe.....	9.42	3.96
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.30 1.79	
22 13 16 00-0272	LF		3" No Hub Cast Iron Pipe.....	13.43	5.76
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.43 2.60	
22 13 16 00-0273	LF		4" No Hub Cast Iron Pipe.....	17.43	7.50
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.56 3.38	
22 13 16 00-0274	LF		5" No Hub Cast Iron Pipe.....	21.31	8.49
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.64 3.82	
22 13 16 00-0275	LF		6" No Hub Cast Iron Pipe.....	24.50	9.27
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.69 4.16	
22 13 16 00-0276	LF		8" No Hub Cast Iron Pipe.....	37.05	13.40
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.00 6.02	
22 13 16 00-0277	LF		10" No Hub Cast Iron Pipe.....	51.00	15.23
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.14 6.84	
<b>22 13 16 00-0278</b>			<b>No Hub Cast Iron Fittings</b> (22 13 16 00-0268)		
<b>22 13 16 00-0279</b>			<b>No Hub Cast Iron Long Sweeps</b> (22 13 16 00-0278)		
22 13 16 00-0280	EA		1-1/2" No Hub Cast Iron Long Sweep.....	34.55	17.59
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.32 7.91	
22 13 16 00-0281	EA		2" No Hub Cast Iron Long Sweep .....	34.76	17.59
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.32 7.91	
22 13 16 00-0282	EA		3" No Hub Cast Iron Long Sweep .....	40.73	20.14
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.51 9.07	
22 13 16 00-0283	EA		4" No Hub Cast Iron Long Sweep .....	55.64	26.64
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2.00 11.99	
22 13 16 00-0284	EA		5" No Hub Cast Iron Long Sweep .....	70.83	28.02
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2.10 12.60	
22 13 16 00-0285	EA		6" No Hub Cast Iron Long Sweep .....	84.12	33.40
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2.51 15.04	
22 13 16 00-0286	EA		8" No Hub Cast Iron Long Sweep .....	158.11	43.45
			<i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3.26 19.55	
<b>22 13 16 00-0287</b>			<b>No Hub Cast Iron Reducing Long Sweeps</b> (22 13 16 00-0278)		

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0288	EA		3" x 2" No Hub Cast Iron Reducing Long Sweep.....	49.39	20.14
			<i>For Below Ground Installation, Add</i>	1.51	
			<i>For Work In Restricted Working Space, Add</i>	9.07	
22 13 16 00-0289	EA		4" x 3" No Hub Cast Iron Reducing Long Sweep.....	72.15	26.64
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
<b>22 13 16 00-0290</b>			<b>No Hub Cast Iron Short Sweeps (22 13 16 00-0278)</b>		
22 13 16 00-0291	EA		2" No Hub Cast Iron Short Sweep.....	33.02	17.59
			<i>For Below Ground Installation, Add</i>	1.32	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 13 16 00-0292	EA		3" No Hub Cast Iron Short Sweep.....	39.35	20.14
			<i>For Below Ground Installation, Add</i>	1.51	
			<i>For Work In Restricted Working Space, Add</i>	9.07	
22 13 16 00-0293	EA		4" No Hub Cast Iron Short Sweep.....	54.92	26.64
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
22 13 16 00-0294	EA		5" No Hub Cast Iron Short Sweep.....	71.10	28.02
			<i>For Below Ground Installation, Add</i>	2.10	
			<i>For Work In Restricted Working Space, Add</i>	12.60	
22 13 16 00-0295	EA		6" No Hub Cast Iron Short Sweep.....	79.89	33.40
			<i>For Below Ground Installation, Add</i>	2.51	
			<i>For Work In Restricted Working Space, Add</i>	15.04	
22 13 16 00-0296	EA		8" No Hub Cast Iron Short Sweep.....	145.34	43.45
			<i>For Below Ground Installation, Add</i>	3.26	
			<i>For Work In Restricted Working Space, Add</i>	19.55	
22 13 16 00-0297	EA		10" No Hub Cast Iron Short Sweep.....	232.26	60.84
			<i>For Below Ground Installation, Add</i>	4.56	
			<i>For Work In Restricted Working Space, Add</i>	27.37	
<b>22 13 16 00-0298</b>			<b>No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0299	EA		1-1/2" No Hub Cast Iron 1/4 Bend.....	30.44	16.86
			<i>For Below Ground Installation, Add</i>	1.26	
			<i>For Work In Restricted Working Space, Add</i>	7.59	
22 13 16 00-0300	EA		2" No Hub Cast Iron 1/4 Bend.....	31.82	17.59
			<i>For Below Ground Installation, Add</i>	1.32	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 13 16 00-0301	EA		3" No Hub Cast Iron 1/4 Bend.....	37.41	20.14
			<i>For Below Ground Installation, Add</i>	1.51	
			<i>For Work In Restricted Working Space, Add</i>	9.07	
22 13 16 00-0302	EA		4" No Hub Cast Iron 1/4 Bend.....	50.63	26.64
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
22 13 16 00-0303	EA		5" No Hub Cast Iron 1/4 Bend.....	65.77	28.02
			<i>For Below Ground Installation, Add</i>	2.10	
			<i>For Work In Restricted Working Space, Add</i>	12.60	
22 13 16 00-0304	EA		6" No Hub Cast Iron 1/4 Bend.....	76.48	33.40
			<i>For Below Ground Installation, Add</i>	2.51	
			<i>For Work In Restricted Working Space, Add</i>	15.04	
22 13 16 00-0305	EA		8" No Hub Cast Iron 1/4 Bend.....	135.39	43.45
			<i>For Below Ground Installation, Add</i>	3.26	
			<i>For Work In Restricted Working Space, Add</i>	19.55	
<b>22 13 16 00-0306</b>			<b>No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0307	EA		1-1/2" No Hub Cast Iron 1/8 Bend.....	29.34	16.86
			<i>For Below Ground Installation, Add</i>	1.26	
			<i>For Work In Restricted Working Space, Add</i>	7.59	
22 13 16 00-0308	EA		2" No Hub Cast Iron 1/8 Bend.....	30.51	17.59
			<i>For Below Ground Installation, Add</i>	1.32	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
22 13 16 00-0309	EA		3" No Hub Cast Iron 1/8 Bend.....	36.12	20.14
			<i>For Below Ground Installation, Add</i>	1.51	
			<i>For Work In Restricted Working Space, Add</i>	9.07	
22 13 16 00-0310	EA		4" No Hub Cast Iron 1/8 Bend.....	47.73	26.64
			<i>For Below Ground Installation, Add</i>	2.00	
			<i>For Work In Restricted Working Space, Add</i>	11.99	
22 13 16 00-0311	EA		6" No Hub Cast Iron 1/8 Bend.....	76.70	39.34
			<i>For Below Ground Installation, Add</i>	2.95	
			<i>For Work In Restricted Working Space, Add</i>	17.70	
22 13 16 00-0312	EA		8" No Hub Cast Iron 1/8 Bend.....	124.56	51.67
			<i>For Below Ground Installation, Add</i>	3.87	
			<i>For Work In Restricted Working Space, Add</i>	23.24	
22 13 16 00-0313	EA		10" No Hub Cast Iron 1/8 Bend.....	184.18	63.57
			<i>For Below Ground Installation, Add</i>	4.77	
			<i>For Work In Restricted Working Space, Add</i>	28.60	
<b>22 13 16 00-0314</b>			<b>No Hub Cast Iron Wyes (22 13 16 00-0278)</b>		
22 13 16 00-0315	EA		1-1/2" No Hub Cast Iron Wye.....	46.91	26.52
			<i>For Below Ground Installation, Add</i>	1.99	
			<i>For Work In Restricted Working Space, Add</i>	11.92	



<b>Plumbing</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0316 EA 2" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.16 2.69 16.16	35.93
22 13 16 00-0317 EA 3" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.95 2.95 17.70	39.34
22 13 16 00-0318 EA 4" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.59 3.87 23.24	51.67
22 13 16 00-0319 EA 5" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.69 4.09 24.53	54.54
22 13 16 00-0320 EA 6" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.49 4.86 29.13	64.75
22 13 16 00-0321 EA 8" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	227.58 6.52 39.10	86.96
22 13 16 00-0322 EA 10" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	355.38 7.24 43.45	96.60
<b>22 13 16 00-0323 No Hub Cast Iron Reducing Wyes (22 13 16 00-0278)</b>		
22 13 16 00-0324 EA 3" x 1-1/2" No Hub Cast Iron Reducing Wye ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.26 2.57 15.43	34.33
22 13 16 00-0325 EA 3" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.84 2.95 17.70	39.34
22 13 16 00-0326 EA 4" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.26 3.26 19.57	43.50
22 13 16 00-0327 EA 4" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.92 3.62 21.74	48.33
22 13 16 00-0328 EA 6" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.95 4.13 24.79	55.10
22 13 16 00-0329 EA 6" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.47 4.32 25.89	57.59
22 13 16 00-0330 EA 6" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.43 5.04 30.26	67.31
22 13 16 00-0331 EA 8" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	158.18 5.13 30.75	68.37
22 13 16 00-0332 EA 8" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	181.39 5.63 33.79	75.16
22 13 16 00-0333 EA 10" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	265.67 6.00 36.02	80.06
22 13 16 00-0334 EA 10" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	280.85 6.43 38.55	85.71
22 13 16 00-0335 EA 10" x 8" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	320.16 6.86 41.16	91.52
<b>22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0337 EA 1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.52 2.31 13.87	30.86
22 13 16 00-0338 EA 2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.45 2.69 16.16	35.93
22 13 16 00-0339 EA 3" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.16 2.95 17.70	39.34
22 13 16 00-0340 EA 4" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.85 3.87 23.24	51.67
22 13 16 00-0341 EA 6" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.55 5.96 35.75	79.49
22 13 16 00-0342 EA 8" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	294.41 7.65 45.87	101.99
22 13 16 00-0343 EA 10" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	347.32 9.24 55.45	123.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0344			<b>No Hub Cast Iron Reducing Combination Wye And 1/8 Bends</b> (22 13 16 00-0278)		
22 13 16 00-0345	EA		2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	61.81	35.93
			<i>For Below Ground Installation, Add</i>	2.69	
			<i>For Work In Restricted Working Space, Add</i>	16.16	
22 13 16 00-0346	EA		3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	67.95	39.34
			<i>For Below Ground Installation, Add</i>	2.95	
			<i>For Work In Restricted Working Space, Add</i>	17.70	
22 13 16 00-0347	EA		4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	77.47	43.50
			<i>For Below Ground Installation, Add</i>	3.26	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
22 13 16 00-0348	EA		4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	88.07	48.33
			<i>For Below Ground Installation, Add</i>	3.62	
			<i>For Work In Restricted Working Space, Add</i>	21.74	
22 13 16 00-0349	EA		6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	111.39	55.10
			<i>For Below Ground Installation, Add</i>	4.13	
			<i>For Work In Restricted Working Space, Add</i>	24.79	
22 13 16 00-0350	EA		6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	122.73	57.59
			<i>For Below Ground Installation, Add</i>	4.32	
			<i>For Work In Restricted Working Space, Add</i>	25.89	
22 13 16 00-0351	EA		6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	138.29	67.31
			<i>For Below Ground Installation, Add</i>	5.04	
			<i>For Work In Restricted Working Space, Add</i>	30.26	
22 13 16 00-0352	EA		8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	176.61	68.37
			<i>For Below Ground Installation, Add</i>	5.13	
			<i>For Work In Restricted Working Space, Add</i>	30.75	
22 13 16 00-0353	EA		8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	223.50	75.16
			<i>For Below Ground Installation, Add</i>	5.63	
			<i>For Work In Restricted Working Space, Add</i>	33.79	
22 13 16 00-0354			<b>No Hub Cast Iron Double Wyes</b> (22 13 16 00-0278)		
22 13 16 00-0355	EA		2" No Hub Cast Iron Double Wye .....	77.13	44.67
			<i>For Below Ground Installation, Add</i>	3.35	
			<i>For Work In Restricted Working Space, Add</i>	20.09	
22 13 16 00-0356	EA		3" No Hub Cast Iron Double Wye .....	100.25	54.40
			<i>For Below Ground Installation, Add</i>	4.08	
			<i>For Work In Restricted Working Space, Add</i>	24.46	
22 13 16 00-0357	EA		4" No Hub Cast Iron Double Wye .....	127.67	59.48
			<i>For Below Ground Installation, Add</i>	4.46	
			<i>For Work In Restricted Working Space, Add</i>	26.75	
22 13 16 00-0358	EA		6" No Hub Cast Iron Double Wye .....	188.69	81.62
			<i>For Below Ground Installation, Add</i>	6.12	
			<i>For Work In Restricted Working Space, Add</i>	36.70	
22 13 16 00-0359	EA		8" No Hub Cast Iron Double Wye .....	345.62	110.62
			<i>For Below Ground Installation, Add</i>	8.29	
			<i>For Work In Restricted Working Space, Add</i>	49.77	
22 13 16 00-0360			<b>No Hub Cast Iron Reducing Double Wyes</b> (22 13 16 00-0278)		
22 13 16 00-0361	EA		3" x 2" No Hub Cast Iron Double Wye .....	90.26	49.50
			<i>For Below Ground Installation, Add</i>	3.71	
			<i>For Work In Restricted Working Space, Add</i>	22.26	
22 13 16 00-0362	EA		4" x 2" No Hub Cast Iron Double Wye .....	107.03	57.01
			<i>For Below Ground Installation, Add</i>	4.27	
			<i>For Work In Restricted Working Space, Add</i>	25.64	
22 13 16 00-0363	EA		4" x 3" No Hub Cast Iron Double Wye .....	117.49	62.14
			<i>For Below Ground Installation, Add</i>	4.66	
			<i>For Work In Restricted Working Space, Add</i>	27.95	
22 13 16 00-0364	EA		6" x 4" No Hub Cast Iron Double Wye .....	161.70	71.96
			<i>For Below Ground Installation, Add</i>	5.39	
			<i>For Work In Restricted Working Space, Add</i>	32.36	
22 13 16 00-0365			<b>No Hub Cast Iron Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0278)		
22 13 16 00-0366	EA		2" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	98.26	53.66
			<i>For Below Ground Installation, Add</i>	4.02	
			<i>For Work In Restricted Working Space, Add</i>	24.14	
22 13 16 00-0367	EA		3" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	116.70	59.48
			<i>For Below Ground Installation, Add</i>	4.46	
			<i>For Work In Restricted Working Space, Add</i>	26.75	
22 13 16 00-0368	EA		4" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	170.64	78.75
			<i>For Below Ground Installation, Add</i>	5.90	
			<i>For Work In Restricted Working Space, Add</i>	35.41	
22 13 16 00-0369	EA		6" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	243.68	121.56
			<i>For Below Ground Installation, Add</i>	9.11	
			<i>For Work In Restricted Working Space, Add</i>	54.67	
22 13 16 00-0370			<b>No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0278)		



<b>Plumbing</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0371 EA 3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.87 3.46 20.77	46.16
22 13 16 00-0372 EA 4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.25 4.02 24.14	53.66
22 13 16 00-0373 EA 4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.45 4.39 26.37	58.61
<b>22 13 16 00-0374 No Hub Cast Iron Sanitary Tees (22 13 16 00-0278)</b>		
22 13 16 00-0375 EA 1-1/2" No Hub Cast Iron Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.80 1.95 11.69	25.96
22 13 16 00-0376 EA 2" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.52 2.69 16.16	35.93
22 13 16 00-0377 EA 3" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.13 2.95 17.70	39.34
22 13 16 00-0378 EA 4" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.74 3.87 23.24	51.67
22 13 16 00-0379 EA 5" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.08 4.09 24.53	54.54
22 13 16 00-0380 EA 6" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.22 4.86 29.13	64.75
22 13 16 00-0381 EA 8" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.44 6.52 39.10	86.96
22 13 16 00-0382 EA 2" x 1-1/2" No Hub Cast Iron Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.58 2.20 13.18	29.31
22 13 16 00-0383 EA 3" x 1-1/2" No Hub Cast Iron Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.90 2.57 15.43	34.33
<b>22 13 16 00-0384 No Hub Cast Iron Reducing Sanitary Tees (22 13 16 00-0278)</b>		
22 13 16 00-0385 EA 3" x 2" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.36 2.69 16.16	35.93
22 13 16 00-0386 EA 3" x 4" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.10 2.69 16.16	35.93
22 13 16 00-0387 EA 4" x 2" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.77 3.65 21.87	48.63
22 13 16 00-0388 EA 4" x 3" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.90 3.65 21.87	48.63
22 13 16 00-0389 EA 5" x 2" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.92 3.88 23.30	51.82
22 13 16 00-0390 EA 5" x 3" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.88 3.88 23.30	51.82
22 13 16 00-0391 EA 5" x 4" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.24 3.88 23.30	51.82
22 13 16 00-0392 EA 6" x 4" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.32 4.05 24.27	53.99
22 13 16 00-0393 EA 8" x 6" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.42 5.50 32.98	73.33
<b>22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees (22 13 16 00-0278)</b>		
22 13 16 00-0395 EA 2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.03 1.32 7.91	17.59
22 13 16 00-0396 EA 3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.42 1.51 9.07	20.14
22 13 16 00-0397 EA 4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.38 2.00 11.99	26.64
<b>22 13 16 00-0398 No Hub Cast Iron Cleanout Tees (22 13 16 00-0278)</b>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0399 EA 2" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.70 1.32 7.91	17.59
22 13 16 00-0400 EA 3" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.39 1.51 9.07	20.14
22 13 16 00-0401 EA 4" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.86 2.00 11.99	26.64
22 13 16 00-0402 EA 6" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.88 2.95 17.70	39.34
<b>22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees (22 13 16 00-0278)</b>		
22 13 16 00-0404 EA 4" No Hub Cast Iron Single Two-Way Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.51 3.87 23.24	51.67
22 13 16 00-0405 EA 4" No Hub Cast Iron Double Two-Way Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.14 5.89 35.32	78.50
<b>22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs (22 13 16 00-0278)</b>		
22 13 16 00-0407 EA 2" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.06 1.32 7.91	17.59
22 13 16 00-0408 EA 3" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.45 1.51 9.07	20.14
22 13 16 00-0409 EA 4" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.00 2.00 11.99	26.64
22 13 16 00-0410 EA 6" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.99 2.95 17.70	39.34
22 13 16 00-0411 EA 8" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.04 3.87 23.24	51.67
<b>22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses (22 13 16 00-0278)</b>		
22 13 16 00-0413 EA 1-1/2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.28 2.60 15.62	34.69
22 13 16 00-0414 EA 2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.41 2.69 16.16	35.93
22 13 16 00-0415 EA 3" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.15 2.95 17.70	39.34
22 13 16 00-0416 EA 4" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.56 3.87 23.24	51.67
<b>22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses (22 13 16 00-0278)</b>		
22 13 16 00-0418 EA 3" x 2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.53 3.46 20.76	46.16
22 13 16 00-0419 EA 4" x 2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.31 3.56 21.38	47.52
22 13 16 00-0420 EA 4" x 3" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.20 3.72 22.31	49.63
<b>22 13 16 00-0421 No Hub Cast Iron Reducers (22 13 16 00-0278)</b>		
22 13 16 00-0422 EA 3" x 2" No Hub Cast Iron Reducer ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.75 2.69 16.16	35.93
22 13 16 00-0423 EA 4" x 2" No Hub Cast Iron Reducer ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.80 3.65 21.87	48.63
22 13 16 00-0424 EA 4" x 3" No Hub Cast Iron Reducer ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.98 3.65 21.87	48.63
22 13 16 00-0425 EA 5" x 2" No Hub Cast Iron Reducer ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.33 3.88 23.30	51.82
22 13 16 00-0426 EA 5" x 3" No Hub Cast Iron Reducer ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	87.53 3.88 23.30	51.82





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0427 EA 5" x 4" No Hub Cast Iron Reducer .....	88.00	51.82
For Below Ground Installation, Add	3.88	
For Work In Restricted Working Space, Add	23.30	
22 13 16 00-0428 EA 6" x 3" No Hub Cast Iron Reducer .....	101.25	57.59
For Below Ground Installation, Add	4.32	
For Work In Restricted Working Space, Add	25.89	
22 13 16 00-0429 EA 6" x 4" No Hub Cast Iron Reducer .....	101.43	57.59
For Below Ground Installation, Add	4.32	
For Work In Restricted Working Space, Add	25.89	
22 13 16 00-0430 EA 6" x 5" No Hub Cast Iron Reducer .....	101.97	57.59
For Below Ground Installation, Add	4.32	
For Work In Restricted Working Space, Add	25.89	
22 13 16 00-0431 EA 8" x 2" No Hub Cast Iron Reducer .....	141.56	81.14
For Below Ground Installation, Add	6.08	
For Work In Restricted Working Space, Add	36.50	
22 13 16 00-0432 EA 8" x 3" No Hub Cast Iron Reducer .....	142.94	81.14
For Below Ground Installation, Add	6.08	
For Work In Restricted Working Space, Add	36.50	
22 13 16 00-0433 EA 8" x 4" No Hub Cast Iron Reducer .....	145.16	81.14
For Below Ground Installation, Add	6.08	
For Work In Restricted Working Space, Add	36.50	
22 13 16 00-0434 EA 8" x 5" No Hub Cast Iron Reducer .....	147.46	81.14
For Below Ground Installation, Add	6.08	
For Work In Restricted Working Space, Add	36.50	
22 13 16 00-0435 EA 8" x 6" No Hub Cast Iron Reducer .....	147.74	81.14
For Below Ground Installation, Add	6.08	
For Work In Restricted Working Space, Add	36.50	
22 13 16 00-0436 EA 10" x 4" No Hub Cast Iron Reducer .....	171.07	85.60
For Below Ground Installation, Add	6.42	
For Work In Restricted Working Space, Add	38.49	
22 13 16 00-0437 EA 10" x 6" No Hub Cast Iron Reducer .....	181.93	89.35
For Below Ground Installation, Add	6.70	
For Work In Restricted Working Space, Add	40.20	
22 13 16 00-0438 EA 10" x 8" No Hub Cast Iron Reducer .....	202.83	96.99
For Below Ground Installation, Add	7.27	
For Work In Restricted Working Space, Add	43.62	
<b>22 13 16 00-0439 No Hub Cast Iron Blind Plugs (22 13 16 00-0278)</b>		
22 13 16 00-0440 EA 1-1/2" No Hub Cast Iron Blind Plug.....	27.51	16.86
For Below Ground Installation, Add	1.26	
For Work In Restricted Working Space, Add	7.59	
22 13 16 00-0441 EA 2" No Hub Cast Iron Blind Plug.....	28.49	17.59
For Below Ground Installation, Add	1.32	
For Work In Restricted Working Space, Add	7.91	
22 13 16 00-0442 EA 3" No Hub Cast Iron Blind Plug.....	34.00	20.14
For Below Ground Installation, Add	1.51	
For Work In Restricted Working Space, Add	9.07	
22 13 16 00-0443 EA 4" No Hub Cast Iron Blind Plug.....	45.04	26.64
For Below Ground Installation, Add	2.00	
For Work In Restricted Working Space, Add	11.99	
22 13 16 00-0444 EA 5" No Hub Cast Iron Blind Plug.....	52.12	28.85
For Below Ground Installation, Add	2.14	
For Work In Restricted Working Space, Add	12.82	
22 13 16 00-0445 EA 6" No Hub Cast Iron Blind Plug.....	59.61	33.40
For Below Ground Installation, Add	2.51	
For Work In Restricted Working Space, Add	15.04	
22 13 16 00-0446 EA 8" No Hub Cast Iron Blind Plug.....	95.11	43.45
For Below Ground Installation, Add	3.26	
For Work In Restricted Working Space, Add	19.55	
22 13 16 00-0447 EA 10" No Hub Cast Iron Blind Plug.....	113.25	46.81
For Below Ground Installation, Add	3.51	
For Work In Restricted Working Space, Add	21.06	
<b>22 13 16 00-0448 No Hub Cast Iron P-Traps (22 13 16 00-0278)</b>		
22 13 16 00-0449 EA 2" No Hub Cast Iron P-Trap.....	34.21	17.59
For Below Ground Installation, Add	1.32	
For Work In Restricted Working Space, Add	7.91	
22 13 16 00-0450 EA 3" No Hub Cast Iron P-Trap.....	48.10	20.14
For Below Ground Installation, Add	1.51	
For Work In Restricted Working Space, Add	9.07	
22 13 16 00-0451 EA 4" No Hub Cast Iron P-Trap.....	71.04	26.64
For Below Ground Installation, Add	2.00	
For Work In Restricted Working Space, Add	11.99	
22 13 16 00-0452 EA 5" No Hub Cast Iron P-Trap.....	113.38	28.24
For Below Ground Installation, Add	2.12	
For Work In Restricted Working Space, Add	12.69	
22 13 16 00-0453 EA 6" No Hub Cast Iron P-Trap.....	121.63	33.68
For Below Ground Installation, Add	2.52	
For Work In Restricted Working Space, Add	15.15	

22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps (22 13 16 00-0278)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0455	EA		2" No Hub Cast Iron Deep Seal P-Trap ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.21 1.67 10.05	22.37
22 13 16 00-0456	EA		3" No Hub Cast Iron Deep Seal P-Trap ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.44 2.23 13.37	29.74
22 13 16 00-0457	EA		4" No Hub Cast Iron Deep Seal P-Trap ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.78 2.94 17.66	39.28
<b>22 13 16 00-0458</b>			<b>No Hub Cast Iron Closet Flanges</b> (22 13 16 00-0278)		
22 13 16 00-0459	EA		4" No Hub Cast Iron Closet Flange ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.41 2.00 11.99	26.64
22 13 16 00-0460	EA		4" x 2-1/2" No Hub Cast Iron Offset Closet Flange ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.99 2.00 11.99	26.64
<b>22 13 16 00-0461</b>			<b>No Hub Cast Iron Closet Bends</b> (22 13 16 00-0278)		
22 13 16 00-0462	EA		4" x 16" No Hub Cast Iron Closet Bend ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.65 2.00 11.99	26.64
<b>22 13 16 00-0463</b>			<b>No Hub Cast Iron Threaded Adapter</b> (22 13 16 00-0278)		
22 13 16 00-0464	EA		1-1/4" No Hub Cast Iron Threaded Adapter ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.23 1.67 10.05	22.37
22 13 16 00-0465	EA		1-1/2" No Hub Cast Iron Threaded Adapter ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.31 1.67 10.05	22.37
<b>22 13 16 00-0466</b>			<b>No Hub Couplings</b> (22 13 16 00-0278) Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).		
22 13 16 00-0467	EA		1-1/2" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	5.07 1.37 0.66	
22 13 16 00-0468	EA		2" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	5.07 1.37 0.66	
22 13 16 00-0469	EA		3" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	6.02 1.63 0.78	
22 13 16 00-0470	EA		4" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	7.15 1.93 0.93	
22 13 16 00-0471	EA		5" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	16.53 4.46 2.15	
22 13 16 00-0472	EA		6" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	18.16 4.90 2.36	
22 13 16 00-0473	EA		8" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	34.21 9.24 4.45	
22 13 16 00-0474	EA		10" No Hub Coupling ..... <i>For Heavy Duty (Fernco HD-4000), Add</i> <i>For Medium Duty (Fernco MD-2000), Add</i>	47.13 12.73 6.13	
22 13 16 00-0475	EA		2" x 1-1/2" No Hub Reducing Coupling .....	6.02	
22 13 16 00-0476	EA		3" x 2" No Hub Reducing Coupling .....	9.34	
22 13 16 00-0477	EA		4" x 2" No Hub Reducing Coupling .....	13.02	
22 13 16 00-0478	EA		4" x 3" No Hub Reducing Coupling .....	11.10	
<b>22 13 16 00-0479</b>			<b>Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts</b> (22 13 16 00-0278) Note: For underground connections. See CSI section 22 13 16 00-0861 for additional FERNCO couplings.		
22 13 16 00-0480	EA		1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	14.89	
22 13 16 00-0481	EA		2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	15.37	
22 13 16 00-0482	EA		3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	16.14	
22 13 16 00-0483	EA		4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	18.83	
22 13 16 00-0484	EA		5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	35.55	
22 13 16 00-0485	EA		6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	48.80	
22 13 16 00-0486	EA		8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	85.50	
22 13 16 00-0487	EA		10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts .....	130.65	
<b>22 13 16 00-0488</b>			<b>Cut And Prepare Existing Pipe In-Place</b> (22 13 16 00-0268) Note: For use when connecting pipe to an existing in-place system.		



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0489 EA Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub.....	6.06	
For Work In Restricted Working Space, Add	1.82	
22 13 16 00-0490 EA Cut And Prepare 2" Cast Iron Pipe, No Hub.....	7.40	
For Work In Restricted Working Space, Add	2.22	
22 13 16 00-0491 EA Cut And Prepare 3" Cast Iron Pipe, No Hub.....	8.08	
For Work In Restricted Working Space, Add	2.42	
22 13 16 00-0492 EA Cut And Prepare 4" Cast Iron Pipe, No Hub.....	10.09	
For Work In Restricted Working Space, Add	3.03	
22 13 16 00-0493 EA Cut And Prepare 6" Cast Iron Pipe, No Hub.....	12.11	
For Work In Restricted Working Space, Add	3.63	
22 13 16 00-0494 EA Cut And Prepare 8" Cast Iron Pipe, No Hub.....	16.15	
For Work In Restricted Working Space, Add	4.85	
22 13 16 00-0495 EA Cut And Prepare 10" Cast Iron Pipe, No Hub.....	18.84	
For Work In Restricted Working Space, Add	5.65	
<b>22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe</b> <small>(22 13 16)</small>		
See CSI section 22 11 16 00-0413 for copper and brass fittings.		
22 13 16 00-0497 LF 1-1/4" Hard Drawn DWV Copper Tube/Pipe.....	8.20	2.91
22 13 16 00-0498 LF 1-1/2" Hard Drawn DWV Copper Tube/Pipe.....	10.12	3.25
22 13 16 00-0499 LF 2" Hard Drawn DWV Copper Tube/Pipe.....	15.50	4.01
22 13 16 00-0500 LF 3" Hard Drawn DWV Copper Tube/Pipe.....	30.69	5.56
22 13 16 00-0501 LF 4" Hard Drawn DWV Copper Tube/Pipe.....	40.74	6.27
22 13 16 00-0502 LF 5" Hard Drawn DWV Copper Tube/Pipe.....	108.86	7.20
22 13 16 00-0503 LF 6" Hard Drawn DWV Copper Tube/Pipe.....	136.41	11.16
<b>22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings</b> <small>(22 13 16)</small>		
Note: Aboveground installation. See CSI section 33 31 00 00-0019 for underground installation.		
<b>22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies</b> <small>(22 13 16 00-0504)</small>		
Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0506 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	13.13	2.60
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	3.56	
22 13 16 00-0507 LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	14.55	3.10
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	3.95	
22 13 16 00-0508 LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	18.88	4.46
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	4.90	
22 13 16 00-0509 LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	21.34	4.83
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	5.45	
22 13 16 00-0510 LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	31.84	6.19
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	7.25	
22 13 16 00-0511 LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	43.16	8.24
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	9.18	
22 13 16 00-0512 LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	59.49	11.03
Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
For Work In Restricted Working Space, Add	11.97	
<b>22 13 16 00-0513 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe</b> <small>(22 13 16 00-0504)</small>		
Note: Excludes fittings or hangers.		
<b>22 13 16 00-0514 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665)</b> <small>(22 13 16 00-0513)</small>		
Note: Excludes fittings or hangers.		
22 13 16 00-0515 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	4.39	2.60
For Work In Restricted Working Space, Add	1.16	
22 13 16 00-0516 LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	5.33	3.10
For Work In Restricted Working Space, Add	1.39	
22 13 16 00-0517 LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	8.04	4.46
For Work In Restricted Working Space, Add	2.00	
22 13 16 00-0518 LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	9.18	4.83
For Work In Restricted Working Space, Add	2.17	
22 13 16 00-0519 LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	11.76	5.55
For Work In Restricted Working Space, Add	2.49	
22 13 16 00-0520 LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	17.00	7.38
For Work In Restricted Working Space, Add	3.33	
22 13 16 00-0521 LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe.....	23.84	9.87
For Work In Restricted Working Space, Add	4.44	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 13 16 00-0522	Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) <small>(22 13 16 00-0513)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0523	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	4.28 1.16	2.60
22 13 16 00-0524	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	5.20 1.39	3.10
22 13 16 00-0525	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.81 2.00	4.46
22 13 16 00-0526	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	8.89 2.17	4.83
22 13 16 00-0527	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	11.21 2.49	5.55
22 13 16 00-0528	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	15.62 3.33	7.38
22 13 16 00-0529	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	22.34 4.44	9.87
22 13 16 00-0530	Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) <small>(22 13 16 00-0504)</small>		
22 13 16 00-0531	Polyvinyl Chloride (PVC) DWV 1/4 Bends <small>(22 13 16 00-0530)</small>		
22 13 16 00-0532	EA 1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	16.21 4.65	10.35
22 13 16 00-0533	EA 2" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	20.74 5.95	13.20
22 13 16 00-0534	EA 3" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	29.49 7.99	17.72
22 13 16 00-0535	EA 4" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	37.03 9.29	20.63
22 13 16 00-0536	EA 6" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	77.06 12.08	26.82
22 13 16 00-0537	EA 8" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	117.23 16.26	36.13
22 13 16 00-0538	EA 10" Polyvinyl Chloride (PVC) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	155.36 21.68	48.14
22 13 16 00-0539	Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <small>(22 13 16 00-0530)</small>		
22 13 16 00-0540	EA 1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	18.24 4.65	10.35
22 13 16 00-0541	EA 2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	21.90 5.95	13.20
22 13 16 00-0542	EA 3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	32.49 7.99	17.72
22 13 16 00-0543	EA 4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	42.53 9.29	20.63
22 13 16 00-0544	EA 6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	66.43 12.08	26.82
22 13 16 00-0545	EA 8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	103.26 16.26	36.13
22 13 16 00-0546	EA 10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	155.11 21.68	48.14
22 13 16 00-0547	Polyvinyl Chloride (PVC) DWV 1/8 Bends <small>(22 13 16 00-0530)</small>		
22 13 16 00-0548	EA 1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	16.38 4.65	10.35
22 13 16 00-0549	EA 2" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	20.72 5.95	13.20
22 13 16 00-0550	EA 3" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	29.24 7.99	17.72
22 13 16 00-0551	EA 4" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	35.80 9.29	20.63
22 13 16 00-0552	EA 6" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	73.95 12.08	26.82
22 13 16 00-0553	EA 8" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	109.99 16.26	36.13
22 13 16 00-0554	EA 10" Polyvinyl Chloride (PVC) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	134.08 21.68	48.14
22 13 16 00-0555	Polyvinyl Chloride (PVC) DWV Sanitary Tees <small>(22 13 16 00-0530)</small>		
22 13 16 00-0556	EA 1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	24.52 6.97	15.49
22 13 16 00-0557	EA 2" Polyvinyl Chloride (PVC) DWV Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	31.59 8.92	19.82
22 13 16 00-0558	EA 3" Polyvinyl Chloride (PVC) DWV Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	44.89 11.99	26.64
22 13 16 00-0559	EA 4" Polyvinyl Chloride (PVC) DWV Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	55.85 13.94	30.98



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0560	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	114.98 18.12	40.21
22 13 16 00-0561	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	151.86 24.40	54.15
<b>22 13 16 00-0562</b>			<b>Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees</b> (22 13 16 00-0530)		
22 13 16 00-0563	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	27.73 7.62	16.92
22 13 16 00-0564	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	30.79 8.27	18.34
22 13 16 00-0565	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	29.42 8.27	18.34
22 13 16 00-0566	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	38.16 10.32	22.93
22 13 16 00-0567	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	40.15 10.97	24.35
22 13 16 00-0568	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	43.79 11.62	25.77
22 13 16 00-0569	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	53.62 12.27	27.26
22 13 16 00-0570	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	61.59 13.29	29.50
22 13 16 00-0571	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	108.54 16.73	37.11
22 13 16 00-0572	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	253.41 20.91	46.40
22 13 16 00-0573	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	263.97 22.31	49.50
<b>22 13 16 00-0574</b>			<b>Polyvinyl Chloride (PVC) DWV Double Sanitary Tees</b> (22 13 16 00-0530)		
22 13 16 00-0575	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	34.87 9.29	20.63
22 13 16 00-0576	EA		2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	45.36 11.90	26.39
22 13 16 00-0577	EA		3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	69.26 15.98	35.50
22 13 16 00-0578	EA		4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	87.66 18.59	41.27
<b>22 13 16 00-0579</b>			<b>Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees</b> (22 13 16 00-0530)		
22 13 16 00-0580	EA		2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	40.47 10.60	23.55
22 13 16 00-0581	EA		3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	54.24 12.64	28.06
22 13 16 00-0582	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	60.81 13.94	30.98
22 13 16 00-0583	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	82.37 15.24	33.84
22 13 16 00-0584	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	90.06 17.29	38.35
<b>22 13 16 00-0585</b>			<b>Polyvinyl Chloride (PVC) DWV Reducers</b> (22 13 16 00-0530)		
22 13 16 00-0586	EA		2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	19.10 5.30	11.77
22 13 16 00-0587	EA		3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	25.67 6.32	14.00
22 13 16 00-0588	EA		3" x 2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	27.09 6.97	15.49
22 13 16 00-0589	EA		4" x 2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	33.04 7.62	16.92
22 13 16 00-0590	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	36.80 8.64	19.21
22 13 16 00-0591	EA		6" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	73.83 10.04	22.30
22 13 16 00-0592	EA		6" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	68.05 10.69	23.73
22 13 16 00-0593	EA		8" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	131.57 12.78	28.38
22 13 16 00-0594	EA		8" x 6" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	120.44 14.17	31.47
22 13 16 00-0595	EA		10" x 6" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	155.92 16.88	37.49
22 13 16 00-0596	EA		10" x 8" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	138.00 18.98	42.14
<b>22 13 16 00-0597</b>			<b>Polyvinyl Chloride (PVC) DWV P-Traps</b> (22 13 16 00-0530)		
22 13 16 00-0598	EA		1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	25.76 6.97	15.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0599	EA		2" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	33.19 8.92	19.82
22 13 16 00-0600	EA		3" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	57.13 11.99	26.64
22 13 16 00-0601	EA		4" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	87.35 13.94	30.98
22 13 16 00-0602	EA		6" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	132.68 18.12	40.21
<b>22 13 16 00-0603</b>			<b>Polyvinyl Chloride (PVC) DWV Closet Flanges (22 13 16 00-0530)</b>		
22 13 16 00-0604	EA		4" Polyvinyl Chloride (PVC) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	35.83 9.29	20.63
22 13 16 00-0605	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	32.20 8.64	19.21
<b>22 13 16 00-0606</b>			<b>Polyvinyl Chloride (PVC) DWV Wyes (22 13 16 00-0530)</b>		
22 13 16 00-0607	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	25.82 6.97	15.49
22 13 16 00-0608	EA		2" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	32.34 8.92	19.82
22 13 16 00-0609	EA		3" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	45.85 11.99	26.64
22 13 16 00-0610	EA		4" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	57.42 13.94	30.98
22 13 16 00-0611	EA		6" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	109.09 18.12	40.21
22 13 16 00-0612	EA		8" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	140.67 24.40	54.15
22 13 16 00-0613	EA		10" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	186.31 32.53	72.18
<b>22 13 16 00-0614</b>			<b>Polyvinyl Chloride (PVC) DWV Reducing Wyes (22 13 16 00-0530)</b>		
22 13 16 00-0615	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	30.01 7.62	16.92
22 13 16 00-0616	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	32.14 8.27	18.34
22 13 16 00-0617	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	41.57 10.32	22.93
22 13 16 00-0618	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	41.10 10.97	24.35
22 13 16 00-0619	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	50.14 11.62	25.77
22 13 16 00-0620	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	49.70 12.27	27.26
22 13 16 00-0621	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	54.57 13.29	29.50
22 13 16 00-0622	EA		6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	97.76 16.08	35.69
22 13 16 00-0623	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	112.24 16.73	37.11
22 13 16 00-0624	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	120.58 20.91	46.40
22 13 16 00-0625	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	140.91 22.31	49.50
22 13 16 00-0626	EA		10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	145.09 26.33	58.43
22 13 16 00-0627	EA		10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	166.77 27.73	61.53
22 13 16 00-0628	EA		10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	187.35 29.82	66.18
<b>22 13 16 00-0629</b>			<b>Polyvinyl Chloride (PVC) DWV Double Wyes (22 13 16 00-0530)</b>		
22 13 16 00-0630	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	36.48 9.29	20.63
22 13 16 00-0631	EA		2" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	46.73 11.90	26.39
22 13 16 00-0632	EA		3" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	71.56 15.98	35.50
22 13 16 00-0633	EA		4" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	99.01 18.59	41.27
22 13 16 00-0634	EA		6" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	164.47 24.17	53.66
22 13 16 00-0635	EA		8" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	203.14 32.53	72.25
22 13 16 00-0636	EA		10" Polyvinyl Chloride (PVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	295.47 43.37	96.29
<b>22 13 16 00-0637</b>			<b>Polyvinyl Chloride (PVC) DWV Reducing Double Wyes (22 13 16 00-0530)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0638 EA 2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	41.78 10.60	23.55
22 13 16 00-0639 EA 3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	58.18 12.64	28.06
22 13 16 00-0640 EA 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	60.08 13.94	30.98
22 13 16 00-0641 EA 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	73.01 15.24	33.84
22 13 16 00-0642 EA 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	86.96 17.29	38.35
22 13 16 00-0643 EA 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	119.44 21.38	47.46
22 13 16 00-0644 EA 8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	141.30 25.66	56.76
22 13 16 00-0645 EA 8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	168.25 28.34	62.95
22 13 16 00-0646 EA 10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	180.62 30.98	68.78
22 13 16 00-0647 EA 10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	216.63 33.77	74.97
22 13 16 00-0648 EA 10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	253.98 37.95	84.26
<b>22 13 16 00-0649 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends (22 13 16 00-0530)</b>		
22 13 16 00-0650 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	27.43 6.97	15.49
22 13 16 00-0651 EA 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	34.85 8.92	19.82
22 13 16 00-0652 EA 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	53.41 11.99	26.64
22 13 16 00-0653 EA 4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	74.38 13.94	30.98
<b>22 13 16 00-0654 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends (22 13 16 00-0530)</b>		
22 13 16 00-0655 EA 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	38.16 8.27	18.34
22 13 16 00-0656 EA 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	52.79 10.32	22.93
22 13 16 00-0657 EA 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	48.06 10.97	24.35
22 13 16 00-0658 EA 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	66.48 12.27	27.26
22 13 16 00-0659 EA 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	72.01 13.29	29.50
<b>22 13 16 00-0660 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends (22 13 16 00-0530)</b>		
22 13 16 00-0661 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	37.73 9.29	20.63
22 13 16 00-0662 EA 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	46.87 11.90	26.39
22 13 16 00-0663 EA 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	65.82 15.98	35.50
22 13 16 00-0664 EA 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	128.01 18.59	41.27
22 13 16 00-0665 EA 6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	320.33 24.17	53.66
<b>22 13 16 00-0666 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0530)</b>		
22 13 16 00-0667 EA 2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	57.42 10.60	23.55
22 13 16 00-0668 EA 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	83.91 13.94	30.98
22 13 16 00-0669 EA 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	120.59 15.24	33.84
22 13 16 00-0670 EA 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	118.69 17.29	38.35
22 13 16 00-0671 EA 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	227.90 21.38	47.46
<b>22 13 16 00-0672 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug (22 13 16 00-0530)</b>		
22 13 16 00-0673 EA 2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug ..... <i>For Work In Restricted Working Space, Add</i>	42.04 8.92	19.82
22 13 16 00-0674 EA 3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug ..... <i>For Work In Restricted Working Space, Add</i>	63.47 11.99	26.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0675	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug.....	87.35	30.98
			<i>For Work In Restricted Working Space, Add</i>	13.94	
22 13 16 00-0676	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug.....	179.20	40.21
			<i>For Work In Restricted Working Space, Add</i>	18.12	
22 13 16 00-0677	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug.....	229.22	54.15
			<i>For Work In Restricted Working Space, Add</i>	24.40	
22 13 16 00-0678	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug.....	304.61	72.18
			<i>For Work In Restricted Working Space, Add</i>	32.53	
<b>22 13 16 00-0679</b>			<b>Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug</b> (22 13 16 00-0530)		
22 13 16 00-0680	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	17.62	10.35
			<i>For Work In Restricted Working Space, Add</i>	4.65	
22 13 16 00-0681	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	23.25	13.20
			<i>For Work In Restricted Working Space, Add</i>	5.95	
22 13 16 00-0682	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	31.92	17.72
			<i>For Work In Restricted Working Space, Add</i>	7.99	
22 13 16 00-0683	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	43.39	20.63
			<i>For Work In Restricted Working Space, Add</i>	9.29	
22 13 16 00-0684	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	74.34	26.82
			<i>For Work In Restricted Working Space, Add</i>	12.08	
22 13 16 00-0685	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	137.28	36.13
			<i>For Work In Restricted Working Space, Add</i>	16.26	
22 13 16 00-0686	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug.....	230.27	48.14
			<i>For Work In Restricted Working Space, Add</i>	21.68	
<b>22 13 16 00-0687</b>			<b>Polyvinyl Chloride (PVC) Couplings</b> (22 13 16 00-0530)		
22 13 16 00-0688	EA		1-1/2" Polyvinyl Chloride (PVC) Couplings.....	16.12	10.35
			<i>For Work In Restricted Working Space, Add</i>	4.65	
22 13 16 00-0689	EA		2" Polyvinyl Chloride (PVC) Couplings.....	20.53	13.20
			<i>For Work In Restricted Working Space, Add</i>	5.95	
22 13 16 00-0690	EA		3" Polyvinyl Chloride (PVC) Couplings.....	28.45	17.72
			<i>For Work In Restricted Working Space, Add</i>	7.99	
22 13 16 00-0691	EA		4" Polyvinyl Chloride (PVC) Couplings.....	33.96	20.63
			<i>For Work In Restricted Working Space, Add</i>	9.29	
22 13 16 00-0692	EA		6" Polyvinyl Chloride (PVC) Couplings.....	56.70	26.82
			<i>For Work In Restricted Working Space, Add</i>	12.08	
22 13 16 00-0693	EA		8" Polyvinyl Chloride (PVC) Couplings.....	101.67	36.13
			<i>For Work In Restricted Working Space, Add</i>	16.26	
22 13 16 00-0694	EA		10" Polyvinyl Chloride (PVC) Couplings.....	145.84	48.14
			<i>For Work In Restricted Working Space, Add</i>	21.69	
<b>22 13 16 00-0695</b>			<b>Polyvinyl Chloride (PVC) Male Adapters</b> (22 13 16 00-0530)		
22 13 16 00-0696	EA		1-1/2" Polyvinyl Chloride (PVC) Male Adapters.....	8.39	5.14
			<i>For Work In Restricted Working Space, Add</i>	2.33	
22 13 16 00-0697	EA		2" Polyvinyl Chloride (PVC) Male Adapters.....	11.49	6.63
			<i>For Work In Restricted Working Space, Add</i>	2.98	
22 13 16 00-0698	EA		3" Polyvinyl Chloride (PVC) Male Adapters.....	17.68	8.86
			<i>For Work In Restricted Working Space, Add</i>	4.00	
22 13 16 00-0699	EA		4" Polyvinyl Chloride (PVC) Male Adapters.....	25.46	10.35
			<i>For Work In Restricted Working Space, Add</i>	4.65	
<b>22 13 16 00-0700</b>			<b>Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe</b> (22 13 16 00-0504)		
			Note: In place piping.		
22 13 16 00-0701	EA		1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	4.55	
22 13 16 00-0702	EA		2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	5.00	
22 13 16 00-0703	EA		3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	6.36	
22 13 16 00-0704	EA		4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	8.58	
22 13 16 00-0705	EA		6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	12.26	
22 13 16 00-0706	EA		8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	16.35	
22 13 16 00-0707	EA		10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	19.99	
<b>22 13 16 00-0708</b>			<b>Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings</b> (22 13 16)		
			Note: Aboveground installation.		
<b>22 13 16 00-0709</b>			<b>Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies</b> (22 13 16 00-0708)		
			Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0710	LF		1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly.....	13.13	2.60
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	3.56	
22 13 16 00-0711	LF		2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly.....	14.55	3.10
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	3.95	





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0712 LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	18.88 4.90	4.46
22 13 16 00-0713 LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	21.34 5.45	4.83
22 13 16 00-0714 LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	31.84 7.25	6.19
<b>22 13 16 00-0715 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) <small>(22 13 16 00-0708)</small></b> Note: Excludes fittings or hangers.		
22 13 16 00-0716 LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	4.32 1.16	2.60
22 13 16 00-0717 LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	5.25 1.39	3.10
22 13 16 00-0718 LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.92 2.00	4.46
22 13 16 00-0719 LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	9.03 2.17	4.83
22 13 16 00-0720 LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	11.97 2.49	5.55
<b>22 13 16 00-0721 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) <small>(22 13 16 00-0708)</small></b>		
<b>22 13 16 00-0722 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <small>(22 13 16 00-0721)</small></b>		
22 13 16 00-0723 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends ..... <i>For Work In Restricted Working Space, Add</i>	17.41 4.65	10.35
22 13 16 00-0724 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	22.56 5.95	13.20
22 13 16 00-0725 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	35.11 7.99	17.72
22 13 16 00-0726 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	47.57 9.29	20.63
22 13 16 00-0727 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	102.18 12.08	26.82
<b>22 13 16 00-0728 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <small>(22 13 16 00-0721)</small></b>		
22 13 16 00-0729 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	20.07 4.65	10.35
22 13 16 00-0730 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	25.16 5.95	13.20
22 13 16 00-0731 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	41.56 7.99	17.72
22 13 16 00-0732 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	60.41 9.29	20.63
<b>22 13 16 00-0733 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <small>(22 13 16 00-0721)</small></b>		
22 13 16 00-0734 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	17.77 4.65	10.35
22 13 16 00-0735 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	22.31 5.95	13.20
22 13 16 00-0736 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	33.78 7.99	17.72
22 13 16 00-0737 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	45.12 9.29	20.63
22 13 16 00-0738 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	104.75 12.08	26.82
<b>22 13 16 00-0739 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <small>(22 13 16 00-0721)</small></b>		
22 13 16 00-0740 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	26.51 6.97	15.49
22 13 16 00-0741 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	34.66 8.92	19.82
22 13 16 00-0742 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	52.51 11.99	26.64
22 13 16 00-0743 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	70.57 13.94	30.98
22 13 16 00-0744 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	191.05 18.12	40.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0745			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees</b> (22 13 16 00-0721)		
22 13 16 00-0746	EA		2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees ..... 30.62		16.92
			<i>For Work In Restricted Working Space, Add</i> ..... 7.62		
22 13 16 00-0747	EA		2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 34.90		18.34
			<i>For Work In Restricted Working Space, Add</i> ..... 8.27		
22 13 16 00-0748	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 32.29		18.34
			<i>For Work In Restricted Working Space, Add</i> ..... 8.27		
22 13 16 00-0749	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 43.97		22.93
			<i>For Work In Restricted Working Space, Add</i> ..... 10.32		
22 13 16 00-0750	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 46.23		24.35
			<i>For Work In Restricted Working Space, Add</i> ..... 10.97		
22 13 16 00-0751	EA		4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 73.47		25.77
			<i>For Work In Restricted Working Space, Add</i> ..... 11.62		
22 13 16 00-0752	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 73.33		27.26
			<i>For Work In Restricted Working Space, Add</i> ..... 12.27		
22 13 16 00-0753	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 82.32		29.50
			<i>For Work In Restricted Working Space, Add</i> ..... 13.29		
22 13 16 00-0754	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... 201.83		37.11
			<i>For Work In Restricted Working Space, Add</i> ..... 16.73		
22 13 16 00-0755			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees</b> (22 13 16 00-0721)		
22 13 16 00-0756	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 40.93		20.63
			<i>For Work In Restricted Working Space, Add</i> ..... 9.29		
22 13 16 00-0757	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 54.18		26.39
			<i>For Work In Restricted Working Space, Add</i> ..... 11.90		
22 13 16 00-0758	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 94.06		35.50
			<i>For Work In Restricted Working Space, Add</i> ..... 15.98		
22 13 16 00-0759	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 127.31		41.27
			<i>For Work In Restricted Working Space, Add</i> ..... 18.59		
22 13 16 00-0760			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees</b> (22 13 16 00-0721)		
22 13 16 00-0761	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 46.60		23.55
			<i>For Work In Restricted Working Space, Add</i> ..... 10.60		
22 13 16 00-0762	EA		3" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees..... 62.92		28.06
			<i>For Work In Restricted Working Space, Add</i> ..... 12.64		
22 13 16 00-0763	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 71.06		30.98
			<i>For Work In Restricted Working Space, Add</i> ..... 13.94		
22 13 16 00-0764	EA		4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes..... 99.66		30.30
			<i>For Work In Restricted Working Space, Add</i> ..... 13.65		
22 13 16 00-0765	EA		4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees ..... 107.25		34.34
			<i>For Work In Restricted Working Space, Add</i> ..... 15.48		
22 13 16 00-0766			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Wyes</b> (22 13 16 00-0721)		
22 13 16 00-0767	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... 29.82		15.49
			<i>For Work In Restricted Working Space, Add</i> ..... 6.97		
22 13 16 00-0768	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... 36.51		19.82
			<i>For Work In Restricted Working Space, Add</i> ..... 8.92		
22 13 16 00-0769	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... 54.95		26.64
			<i>For Work In Restricted Working Space, Add</i> ..... 11.99		
22 13 16 00-0770	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... 74.39		30.98
			<i>For Work In Restricted Working Space, Add</i> ..... 13.94		
22 13 16 00-0771	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... 162.84		40.21
			<i>For Work In Restricted Working Space, Add</i> ..... 18.12		
22 13 16 00-0772			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes</b> (22 13 16 00-0721)		
22 13 16 00-0773	EA		2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes ..... 37.16		16.92
			<i>For Work In Restricted Working Space, Add</i> ..... 7.62		
22 13 16 00-0774	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... 39.21		18.34
			<i>For Work In Restricted Working Space, Add</i> ..... 8.27		
22 13 16 00-0775	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... 48.20		24.35
			<i>For Work In Restricted Working Space, Add</i> ..... 10.97		
22 13 16 00-0776	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... 63.33		27.26
			<i>For Work In Restricted Working Space, Add</i> ..... 12.27		
22 13 16 00-0777	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... 70.50		29.50
			<i>For Work In Restricted Working Space, Add</i> ..... 13.29		
22 13 16 00-0778	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... 140.40		37.11
			<i>For Work In Restricted Working Space, Add</i> ..... 16.73		
22 13 16 00-0779			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes</b> (22 13 16 00-0721)		
22 13 16 00-0780	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes ..... 45.00		20.63
			<i>For Work In Restricted Working Space, Add</i> ..... 9.29		
22 13 16 00-0781	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes..... 57.70		26.39
			<i>For Work In Restricted Working Space, Add</i> ..... 11.90		
22 13 16 00-0782	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes..... 99.91		35.50
			<i>For Work In Restricted Working Space, Add</i> ..... 15.98		



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0783	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	156.43 18.59	41.27
<b>22 13 16 00-0784</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes</b> (22 13 16 00-0721)		
22 13 16 00-0785	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	51.80 10.60	23.55
22 13 16 00-0786	EA		3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	75.03 12.64	28.06
22 13 16 00-0787	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	81.09 13.94	30.98
22 13 16 00-0788	EA		4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	107.44 15.24	33.84
22 13 16 00-0789	EA		4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	132.43 17.29	38.35
<b>22 13 16 00-0790</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend</b> (22 13 16 00-0721)		
22 13 16 00-0791	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	33.76 6.97	15.49
22 13 16 00-0792	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	43.43 8.92	19.82
22 13 16 00-0793	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	62.52 11.99	26.64
22 13 16 00-0794	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	85.89 12.49	27.74
<b>22 13 16 00-0795</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend</b> (22 13 16 00-0721)		
22 13 16 00-0796	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	38.65 8.27	18.34
22 13 16 00-0797	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	60.64 10.32	22.93
22 13 16 00-0798	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	52.96 10.97	24.35
22 13 16 00-0799	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	77.44 12.27	27.26
22 13 16 00-0800	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	83.86 13.29	29.50
<b>22 13 16 00-0801</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend</b> (22 13 16 00-0721)		
22 13 16 00-0802	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	64.44 11.90	26.39
22 13 16 00-0803	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	110.43 15.98	35.50
<b>22 13 16 00-0804</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend</b> (22 13 16 00-0721)		
22 13 16 00-0805	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	55.26 10.60	23.55
22 13 16 00-0806	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	102.65 13.94	30.98
<b>22 13 16 00-0807</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug</b> (22 13 16 00-0721)		
22 13 16 00-0808	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	35.62 6.97	15.49
22 13 16 00-0809	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	45.28 8.92	19.82
22 13 16 00-0810	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	66.67 11.99	26.64
22 13 16 00-0811	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	96.38 13.94	30.98
<b>22 13 16 00-0812</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug</b> (22 13 16 00-0721)		
22 13 16 00-0813	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	19.74 4.65	10.35
22 13 16 00-0814	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	26.67 5.95	13.20
22 13 16 00-0815	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	37.17 7.99	17.72
22 13 16 00-0816	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	55.78 9.29	20.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0817	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	108.35 12.08	26.82
<b>22 13 16 00-0818</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Couplings</b> (22 13 16 00-0721)		
22 13 16 00-0819	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	16.95 4.65	10.35
22 13 16 00-0820	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	21.36 5.95	13.20
22 13 16 00-0821	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	30.84 7.99	17.72
22 13 16 00-0822	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	37.90 9.29	20.63
22 13 16 00-0823	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	74.48 12.08	26.82
<b>22 13 16 00-0824</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducers</b> (22 13 16 00-0721)		
22 13 16 00-0825	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	21.36 5.30	11.77
22 13 16 00-0826	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	32.82 6.32	14.00
22 13 16 00-0827	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	33.09 6.97	15.49
22 13 16 00-0828	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	44.86 7.62	16.92
22 13 16 00-0829	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	49.17 8.64	19.21
<b>22 13 16 00-0830</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps</b> (22 13 16 00-0721)		
22 13 16 00-0831	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	30.42 6.97	15.49
22 13 16 00-0832	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	41.38 8.92	19.82
22 13 16 00-0833	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	93.31 11.99	26.64
22 13 16 00-0834	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	155.74 13.94	30.98
<b>22 13 16 00-0835</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges</b> (22 13 16 00-0721)		
22 13 16 00-0836	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	41.02 9.29	20.63
22 13 16 00-0837	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	38.23 8.64	19.21
<b>22 13 16 00-0838</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters</b> (22 13 16 00-0721)		
22 13 16 00-0839	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	9.62 2.33	5.14
22 13 16 00-0840	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	13.23 2.98	6.63
22 13 16 00-0841	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	22.98 4.00	8.86
22 13 16 00-0842	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	36.83 4.65	10.35
<b>22 13 16 00-0843</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings</b> (22 13 16 00-0721)		
22 13 16 00-0844	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	19.19 5.30	11.77
22 13 16 00-0845	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	29.39 6.32	14.00
22 13 16 00-0846	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	28.52 6.97	15.49
22 13 16 00-0847	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	44.59 7.62	16.92
22 13 16 00-0848	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	39.93 8.64	19.21
22 13 16 00-0849	EA		6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	75.51 9.57	21.25
<b>22 13 16 00-0850</b>			<b>Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings</b> (22 13 16 00-0721)		
22 13 16 00-0851	EA		1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling..... <i>For Work In Restricted Working Space, Add</i>	25.91 4.65	10.35
22 13 16 00-0852	EA		2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling..... <i>For Work In Restricted Working Space, Add</i>	30.94 5.95	13.20
22 13 16 00-0853	EA		3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling..... <i>For Work In Restricted Working Space, Add</i>	38.45 7.99	17.72



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0854	EA			4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling ..... <i>For Work In Restricted Working Space, Add</i>	43.49 9.29	20.63
<b>22 13 16 00-0855</b>				<b>Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe</b> <small>(22 13 16 00-0708)</small> Note: In place piping.		
22 13 16 00-0856	EA			1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe .....	4.55	
22 13 16 00-0857	EA			2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe .....	5.00	
22 13 16 00-0858	EA			3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe .....	6.36	
22 13 16 00-0859	EA			4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe .....	8.58	
22 13 16 00-0860	EA			6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe .....	12.26	
<b>22 13 16 00-0861</b>				<b>Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings</b> <small>(22 13 16)</small>		
<b>22 13 16 00-0862</b>				<b>Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings</b> <small>(22 13 16 00-0861)</small> Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.		
22 13 16 00-0863	EA			1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	8.71 1.61	2.69
22 13 16 00-0864	EA			1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	8.76 1.72	2.86
22 13 16 00-0865	EA			2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	9.22 1.82	3.02
22 13 16 00-0866	EA			3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.66 1.92	3.20
22 13 16 00-0867	EA			4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	12.07 2.02	3.37
22 13 16 00-0868	EA			5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	15.44 2.12	3.53
22 13 16 00-0869	EA			6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	18.82 2.22	3.70
22 13 16 00-0870	EA			8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	25.65 2.42	4.04
22 13 16 00-0871	EA			10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	33.86 2.83	4.71
<b>22 13 16 00-0872</b>				<b>Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Couplings</b> <small>(22 13 16 00-0861)</small> Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.		
22 13 16 00-0873	EA			1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	9.28 1.72	2.86
22 13 16 00-0874	EA			2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	9.40 1.82	3.02
22 13 16 00-0875	EA			3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	12.63 1.92	3.20
22 13 16 00-0876	EA			3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	11.17 1.92	3.20
22 13 16 00-0877	EA			4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	15.83 2.02	3.37
22 13 16 00-0878	EA			4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	15.08 2.02	3.37
22 13 16 00-0879	EA			4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	13.70 2.02	3.37
22 13 16 00-0880	EA			5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	20.46 2.12	3.53
22 13 16 00-0881	EA			5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	18.34 2.12	3.53
22 13 16 00-0882	EA			6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	25.61 2.22	3.70
22 13 16 00-0883	EA			6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	22.45 2.22	3.70
22 13 16 00-0884	EA			6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	23.33 2.22	3.70
22 13 16 00-0885	EA			8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	46.04 4.04	6.73

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0886	EA		8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling .....	37.26	6.73
			<i>For Work In Restricted Working Space, Add</i> .....	4.04	
22 13 16 00-0887	EA		10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling .....	47.55	7.57
			<i>For Work In Restricted Working Space, Add</i> .....	4.54	
<b>22 13 16 00-0888</b>			<b>Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Caps</b> <sup>(22 13 16)</sup>		
			Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. Fernco QC.		
22 13 16 00-0889	EA		1-1/2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	30.68	18.17
22 13 16 00-0890	EA		2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	33.01	19.32
22 13 16 00-0891	EA		3" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	38.35	22.14
22 13 16 00-0892	EA		4" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	50.54	29.28
22 13 16 00-0893	EA		5" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	60.66	35.00
22 13 16 00-0894	EA		6" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	69.64	40.38
22 13 16 00-0895	EA		8" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	95.06	51.15
<b>22 13 16 00-0896</b>			<b>Cast Iron Vent Stack Flashing Sleeves With Caulking Recess</b> <sup>(22 13 16)</sup>		
			Note: Josam 26450 Series.		
22 13 16 00-0897	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	48.20	13.94
22 13 16 00-0898	EA		2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	51.30	15.49
22 13 16 00-0899	EA		3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	75.11	20.14
22 13 16 00-0900	EA		4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	87.85	23.23
22 13 16 00-0901	EA		5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	102.02	26.33
22 13 16 00-0902	EA		6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	163.37	29.43
<b>22 13 16 00-0903</b>			<b>Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess</b> <sup>(22 13 16)</sup>		
			Note: Josam 26440 Series		
22 13 16 00-0904	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	91.02	13.94
22 13 16 00-0905	EA		2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	94.12	15.49
22 13 16 00-0906	EA		3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	112.85	20.14
22 13 16 00-0907	EA		4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	140.10	23.23
22 13 16 00-0908	EA		5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	188.39	26.33
22 13 16 00-0909	EA		6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	194.58	29.43
<b>22 13 16 00-0910</b>			<b>Cast Iron Vandal Proof Hooded Vent Cap</b> <sup>(22 13 16)</sup>		
			Note: Includes counterflashing collar, deep protective hood and recessed securing screws. Josam 26700 Series.		
22 13 16 00-0911	EA		1-1/2" Cast Iron Vandal Proof Hooded Vent Cap.....	167.22	13.94
22 13 16 00-0912	EA		2" Cast Iron Vandal Proof Hooded Vent Cap.....	170.32	15.49
22 13 16 00-0913	EA		3" Cast Iron Vandal Proof Hooded Vent Cap.....	197.03	20.14
22 13 16 00-0914	EA		4" Cast Iron Vandal Proof Hooded Vent Cap.....	222.10	23.23
22 13 16 00-0915	EA		5" Cast Iron Vandal Proof Hooded Vent Cap.....	258.79	26.33
22 13 16 00-0916	EA		6" Cast Iron Vandal Proof Hooded Vent Cap.....	283.12	29.43
<b>22 13 19</b>			<b>Sanitary Waste Piping Specialties</b> <sup>(22 13)</sup>		
<b>22 13 19 13</b>			<b>Sanitary Drains</b> <sup>(22 13 19)</sup>		
<b>22 13 19 13-0001</b>			<b>Round Top Floor Drains</b> <sup>(22 13 19 13)</sup>		
22 13 19 13-0002	EA		6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top.....	241.69	66.61
			<i>For Galvanized Cast Iron Parts, Add</i> .....	40.00	
			<i>For Sediment Bucket, Add</i> .....	22.50	
			<i>For Vandal Proof Screws, Add</i> .....	11.00	
22 13 19 13-0003	EA		6" Round Top Floor Drain With 2" Outlet, Bronze Top.....	267.50	74.66
			<i>For Galvanized Cast Iron Parts, Add</i> .....	40.00	
			<i>For Sediment Bucket, Add</i> .....	22.50	
			<i>For Vandal Proof Screws, Add</i> .....	11.00	
22 13 19 13-0004	EA		6" Round Top Floor Drain With 3" Outlet, Bronze Top.....	273.73	82.59
			<i>For Galvanized Cast Iron Parts, Add</i> .....	40.00	
			<i>For Sediment Bucket, Add</i> .....	22.50	
			<i>For Vandal Proof Screws, Add</i> .....	11.00	
22 13 19 13-0005	EA		6" Round Top Floor Drain With 4" Outlet, Bronze Top.....	290.74	91.14
			<i>For Galvanized Cast Iron Parts, Add</i> .....	40.00	
			<i>For Sediment Bucket, Add</i> .....	22.50	
			<i>For Vandal Proof Screws, Add</i> .....	11.00	
22 13 19 13-0006	EA		9" Round Top Floor Drain With 2" Outlet, Cast Iron Top.....	252.80	74.66
			<i>For Galvanized Extension Collar, Each 3", Add</i> .....	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> .....	57.50	
			<i>For Bronze Dome Gate, Add</i> .....	143.00	
			<i>For Vandal Proof Screws, Add</i> .....	30.50	
			<i>For Ductile Iron Gate, Add</i> .....	48.00	
			<i>For Nikaloy Dome Gate, Add</i> .....	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i> .....	87.50	
			<i>For Cast Iron Dome Gate, Add</i> .....	17.00	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0007	EA		9" Round Top Floor Drain With 3" Outlet, Cast Iron Top.....	268.73	82.59
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0008	EA		9" Round Top Floor Drain With 4" Outlet, Cast Iron Top.....	285.74	91.14
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0009	EA		9" Round Top Floor Drain With 2" Outlet, Nikaloy Top.....	355.80	74.66
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0010	EA		9" Round Top Floor Drain With 3" Outlet, Nikaloy Top.....	371.73	82.59
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0011	EA		9" Round Top Floor Drain With 4" Outlet, Nikaloy Top.....	388.74	91.14
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0012	EA		9" Round Top Floor Drain With 2" Outlet, Bronze Top.....	340.80	74.66
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0013	EA		9" Round Top Floor Drain With 3" Outlet, Bronze Top.....	356.64	82.59
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0014	EA		9" Round Top Floor Drain With 4" Outlet, Bronze Top.....	373.74	91.14
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
22 13 19 13-0015	EA		12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top.....	364.73	74.60
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0016	EA		12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top .....	380.64	82.59
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0017	EA		12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top .....	397.74	91.14
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0018	EA		12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top .....	518.73	74.60
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0019	EA		12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top .....	534.64	82.59
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0020	EA		12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top .....	551.74	91.14
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0021	EA		12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top.....	498.23	74.60
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	
22 13 19 13-0022	EA		12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top.....	514.14	82.59
			For Cast Iron Dome Grate, Add	28.00	
			For Galvanized Cast Iron Parts, Add	132.00	
			For Primer Tap, Add	33.50	
			For Cast Iron Extension Collar, Each 2", Add	51.00	
			For Ductile Iron Grate, Add	53.00	
			For Vandal Proof Screws, Add	30.50	
			For Galvanized Extension Collar, Each 2", Add	102.50	
			For Chained Grate, Add	48.50	
			For Nikaloy Dome Grate, Add	255.00	
			For Bronze Dome Grate, Add	218.50	





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0023 EA 12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top.....	531.24	91.14
For Cast Iron Dome Grate, Add	28.00	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Ductile Iron Grate, Add	53.00	
For Vandal Proof Screws, Add	30.50	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Chained Grate, Add	48.50	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
<b>22 13 19 13-0024 Square Or Rectangular Top Drains (22 13 19 13)</b>		
22 13 19 13-0025 EA 5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	281.23	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0026 EA 5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	297.31	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0027 EA 5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	314.24	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0028 EA 6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	296.23	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0029 EA 6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	312.31	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0030 EA 6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	329.24	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0031 EA 8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	362.23	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0032 EA 8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	378.31	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0033 EA 8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	395.24	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0034 EA 5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top.....	270.23	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0035 EA 5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top.....	286.31	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0036 EA 5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top.....	303.24	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0037 EA 6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top.....	289.23	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0038 EA 6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top.....	305.31	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0039 EA 6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top.....	322.24	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0040 EA 8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top.....	342.73	74.60
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0041 EA 8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top.....	358.81	82.65
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
22 13 19 13-0042 EA 8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top.....	375.74	91.14
For Galvanized Cast Iron Parts, Add	40.00	
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0043	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top .....	744.81	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0044	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top .....	761.74	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0045	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top .....	907.81	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0046	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top .....	924.74	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0047	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top.....	888.31	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0048	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top.....	905.24	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	212.00	
			<i>For Chained Grate, Add</i>	48.50	
			<i>For No-Hub Side Outlet, Add</i>	76.00	
22 13 19 13-0049	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	366.23	74.60
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0050	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	382.31	82.65
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0051	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	399.24	91.14
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0052	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	443.73	74.60
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0053	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	459.81	82.65
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0054	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	476.74	91.14
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0055	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	461.73	74.60
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0056	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	477.81	82.65
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0057	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	494.74	91.14
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0058	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	601.23	74.60
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0059	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	617.31	82.65
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0060	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	634.24	91.14
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0061	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top.....	350.23	74.60
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0062	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top.....	366.31	82.65
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0063	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top.....	383.24	91.14
			<i>For Rough Bronze Body, Add</i>	120.94	
			<i>For Sediment Bucket, Add</i>	22.50	
			<i>For Vandal Proof Screws, Add</i>	11.00	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Sanitary Sewerage	22 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0064 EA 5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	416.23 120.94 22.50 11.00	74.60
22 13 19 13-0065 EA 5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	432.31 120.94 22.50 11.00	82.65
22 13 19 13-0066 EA 5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	449.24 120.94 22.50 11.00	91.14
22 13 19 13-0067 EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	434.23 120.94 22.50 11.00	74.60
22 13 19 13-0068 EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	450.31 120.94 22.50 11.00	82.65
22 13 19 13-0069 EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	467.24 120.94 22.50 11.00	91.14
22 13 19 13-0070 EA 5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	547.73 120.94 22.50 11.00	74.60
22 13 19 13-0071 EA 5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	563.81 120.94 22.50 11.00	82.65
22 13 19 13-0072 EA 5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	580.74 120.94 22.50 11.00	91.14
<b>22 13 19 13-0073 Funnel Type Floor Drains</b> <small>(22 13 19 13)</small>		
22 13 19 13-0074 EA 7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	340.74 -19.50 40.00 11.00	66.61
22 13 19 13-0075 EA 7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	356.73 -19.50 40.00 11.00	74.60
22 13 19 13-0076 EA 7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	372.64 -19.50 40.00 11.00	82.59
22 13 19 13-0077 EA 7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	389.74 -19.50 40.00 11.00	91.14
22 13 19 13-0078 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	469.23 -19.50 40.00 11.00	74.60
22 13 19 13-0079 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	485.14 -19.50 40.00 11.00	82.59
22 13 19 13-0080 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	502.24 -19.50 40.00 11.00	91.14
22 13 19 13-0081 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	449.73 -19.50 40.00 11.00	74.60
22 13 19 13-0082 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	465.64 -19.50 40.00 11.00	82.59
22 13 19 13-0083 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	482.74 -19.50 40.00 11.00	91.14
<b>22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet</b> <small>(22 13 19 13)</small>		

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0085	EA		12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap.....	626.69	66.61
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0086	EA		12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap.....	642.73	74.60
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0087	EA		12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap.....	658.64	82.59
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0088	EA		12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap.....	675.74	91.14
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0089	EA		12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap.....	693.37	99.94
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 13 19 13-0090	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	680.73	74.60
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0091	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	696.81	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0092	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	713.74	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0093	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	731.37	99.94
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0094	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	455.23	74.60
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0095	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	471.31	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0096	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	488.24	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0097	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	505.87	99.94
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0098	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	641.73	74.60
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0099	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	657.81	82.65
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
22 13 19 13-0100	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	674.74	91.14
			<i>For Galvanized Cast Iron Parts, Add</i>	182.50	
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0101 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate ..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Aluminum Bucket, Add</i>	692.37 182.50 29.50 31.00 77.50	99.94
<b>22 13 19 13-0102 Other Drains</b> (22 13 19 13)		
<b>22 13 19 13-0103 Shower Drains</b> (22 13 19 13-0102)		
22 13 19 13-0104 EA 4-1/4" Stainless Steel Shower Drain Strainer ..... Note: Includes two 2-5/8" screws.	27.04	6.73
22 13 19 13-0105 EA 4-1/4" Brass Shower Drain Strainer ..... Note: Includes two 2-5/8" screws.	30.01	6.73
22 13 19 13-0106 EA 4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe ..... Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	62.57	13.46
22 13 19 13-0107 EA 4" Chrome Finish, Threaded Brass Shower Drain And Gasket ..... Note: For 2" pipe. Kohler K-9132.	79.61	13.46
<b>22 13 19 13-0108 Acid Resistant Floor Drains</b> (22 13 19 13-0102)		
22 13 19 13-0109 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top ..... <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	342.69 33.50 30.50 87.50	66.61
22 13 19 13-0110 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top ..... <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	358.73 33.50 30.50 87.50	74.60
22 13 19 13-0111 EA 9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top ..... <i>For Primer Tap, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	374.64 33.50 30.50 87.50	82.59
<b>22 13 19 13-0112 Rotary And Lever Drains</b> (22 13 19 13-0102)		
22 13 19 13-0113 EA Lever Drain, 1-1/2" Drain, 3" Sink Opening.....	142.79	44.92
22 13 19 13-0114 EA Lever Drain, 2" Drain, 3" Sink Opening.....	152.07	49.57
22 13 19 13-0115 EA Lever Drain, 1-1/2" Drain, 3-1/2" Sink Opening .....	142.79	44.92
22 13 19 13-0116 EA Lever Drain, 2" Drain, 3-1/2" Sink Opening.....	152.07	49.57
22 13 19 13-0117 EA Twist Drain, 1-1/2" Drain, 3" Sink Opening .....	142.79	44.92
22 13 19 13-0118 EA Twist Drain, 2" Drain, 3" Sink Opening .....	152.07	49.57
22 13 19 13-0119 EA Twist Drain, 1-1/2" Drain, 3-1/2" Sink Opening .....	142.79	44.92
22 13 19 13-0120 EA Twist Drain, 2" Drain, 3-1/2" Sink Opening .....	152.07	49.57
22 13 19 13-0121 EA Rotary Twist Drain, 1-1/2"-2" Drain, 3-1/2" Sink Opening (Fisher 16100).....	192.92	49.57
<b>22 13 19 13-0122 Floor Receptor</b> (22 13 19 13)		
<b>22 13 19 13-0123 9" Diameter Round Shallow Receptor</b> (22 13 19 13-0122) Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0124 EA 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection ..... <i>For White Acid Resistant Bucket, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For Vandal Proof Secured Grate, Add</i>	411.33 47.00 58.50 97.00 36.00 38.00 62.50 33.50	74.66
22 13 19 13-0125 EA 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection ..... <i>For White Acid Resistant Bucket, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For Vandal Proof Secured Grate, Add</i>	427.49 47.00 58.50 97.00 36.00 38.00 62.50 33.50	82.72
22 13 19 13-0126 EA 9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection ..... <i>For White Acid Resistant Bucket, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For Vandal Proof Secured Grate, Add</i>	444.24 47.00 58.50 97.00 36.00 38.00 62.50 33.50	91.14
<b>22 13 19 13-0127 Square Top Floor Receptors</b> (22 13 19 13-0122) Note: With acid resistant coating.		

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0128 EA 8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top .....	457.24	66.61
For White Acid Resistant Bucket, Add	88.00	
For Flange With Seepage Holes And Clamp Collar, Add	69.00	
For Full Grate With 2" Square Center Opening, Add	36.00	
For Flange With Seepage Holes, Add	37.50	
For Trap Primer Connection, Add	39.50	
For Stainless Steel Liner For Bucket, Add	97.00	
For Vandal Proof Secured Grate, Add	15.50	
22 13 19 13-0129 EA 8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top.....	473.30	74.66
For White Acid Resistant Bucket, Add	88.00	
For Flange With Seepage Holes And Clamp Collar, Add	69.00	
For Full Grate With 2" Square Center Opening, Add	36.00	
For Flange With Seepage Holes, Add	37.50	
For Trap Primer Connection, Add	39.50	
For Stainless Steel Liner For Bucket, Add	97.00	
For Vandal Proof Secured Grate, Add	15.50	
22 13 19 13-0130 EA 8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top.....	489.14	82.59
For White Acid Resistant Bucket, Add	88.00	
For Flange With Seepage Holes And Clamp Collar, Add	69.00	
For Full Grate With 2" Square Center Opening, Add	36.00	
For Flange With Seepage Holes, Add	37.50	
For Trap Primer Connection, Add	39.50	
For Stainless Steel Liner For Bucket, Add	97.00	
For Vandal Proof Secured Grate, Add	15.50	
22 13 19 13-0131 EA 8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top.....	506.24	91.14
For White Acid Resistant Bucket, Add	88.00	
For Flange With Seepage Holes And Clamp Collar, Add	69.00	
For Full Grate With 2" Square Center Opening, Add	36.00	
For Flange With Seepage Holes, Add	37.50	
For Trap Primer Connection, Add	39.50	
For Stainless Steel Liner For Bucket, Add	97.00	
For Vandal Proof Secured Grate, Add	15.50	
<b>22 13 19 13-0132 Floor Drain Accessories (22 13 19 13)</b>		
22 13 19 13-0133 EA 3" Trap Guard Floor Drain Insert (ProVent TG3H).....	57.56	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0134 EA 2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22).....	47.04	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0135 EA 3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33).....	51.25	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0136 EA 3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP).....	61.76	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0137 EA 3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP).....	55.45	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0138 EA 2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) .....	78.75	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0139 EA 3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) .....	87.22	7.75
Note: Prevents emission of sewer gases.		
22 13 19 13-0140 EA 4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) .....	108.24	7.75
Note: Prevents emission of sewer gases.		
<b>22 13 19 26 Grease Removal Devices (22 13 19)</b>		
22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26)		
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.		
22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001)		
Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.		
22 13 19 26-0003 EA 7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	665.69	46.47
Note: Josam 60102H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,251.34	
22 13 19 26-0004 EA 10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	776.02	104.56
Note: Josam 60103H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,318.00	
For Flange And Clamp Device, Add	329.87	
22 13 19 26-0005 EA 15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	1,097.46	116.17
Note: Josam 60104H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,438.10	
For Flange And Clamp Device, Add	337.61	
22 13 19 26-0006 EA 20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	1,324.06	127.79
Note: Josam 60105H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,552.75	
For Flange And Clamp Device, Add	345.36	
22 13 19 26-0007 EA 25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	1,481.99	139.41
Note: Josam 60106H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,612.69	
For Flange And Clamp Device, Add	383.50	
22 13 19 26-0008 EA 35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....	1,818.91	162.65
Note: Josam 60107H.		
For Steel Enclosure Cabinet With Non Skid Cover, Add	1,768.41	
For Flange And Clamp Device, Add	410.19	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0009 EA 50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60108H. <i>For Flange And Clamp Device, Add</i>	2,369.50 <i>466.64</i> <i>1,877.08</i>	185.88
22 13 19 26-0010 EA 75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60109H. <i>For Flange And Clamp Device, Add</i>	4,639.14 <i>683.41</i>	209.11
22 13 19 26-0011 EA 100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60110H. <i>For Flange And Clamp Device, Add</i>	5,224.83 <i>767.74</i>	239.60
22 13 19 26-0012 EA 150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60213A. <i>For Flange And Clamp Device, Add</i>	6,448.10 <i>1,023.58</i>	383.37
22 13 19 26-0013 EA 200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60214A. <i>For Flange And Clamp Device, Add</i>	9,251.66 <i>1,216.75</i>	479.21
22 13 19 26-0014 EA 250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60215A. <i>For Flange And Clamp Device, Add</i>	10,792.57 <i>1,593.61</i>	575.06
22 13 19 26-0015 EA 350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60216A. <i>For Flange And Clamp Device, Add</i>	14,022.00 <i>1,895.27</i>	670.90
22 13 19 26-0016 EA 500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60217A. <i>For Flange And Clamp Device, Add</i>	18,139.11 <i>2,232.44</i>	766.74
<b>22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0001)</small> Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018 EA 20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A.	1,899.62	127.79
22 13 19 26-0019 EA 35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60117A.	2,443.53	162.65
22 13 19 26-0020 EA 50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Smith 8150.	4,020.61	185.88
<b>22 13 19 26-0021 Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
<b>22 13 19 26-0022 Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0021)</small> Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023 EA 7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60102-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,667.11 <i>1,251.34</i>	46.47
22 13 19 26-0024 EA 10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60103-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,959.84 <i>1,318.00</i>	104.56
22 13 19 26-0025 EA 15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60104-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	2,094.52 <i>1,438.10</i>	116.17
22 13 19 26-0026 EA 20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60105-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	2,554.39 <i>1,552.75</i>	127.79
22 13 19 26-0027 EA 25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60106-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	3,077.50 <i>1,612.69</i>	139.41
22 13 19 26-0028 EA 35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60107-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	3,184.42 <i>1,768.41</i>	162.65
22 13 19 26-0029 EA 50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60108-SA. <i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	3,635.08 <i>1,877.08</i>	185.88
<b>22 13 19 26-0030 Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0021)</small> Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031 EA 35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60115A-SA.	4,271.59	162.65
<b>22 13 19 26-0032 Automatic Cleaning Stainless Steel Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer.		
22 13 19 26-0033 EA 20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor ..... Note: Lowe Engineering 20 Greasestopper.	3,651.40	127.79
22 13 19 26-0034 EA 25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor ..... Note: Lowe Engineering 25 Greasestopper.	4,243.51	139.41
<b>22 13 19 26-0035 Precast Concrete Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0036	EA		1,000 Gallon Pre-Cast Grease Interceptor.....	3,180.54	205.89
22 13 19 26-0037	EA		1,250 Gallon Pre-Cast Grease Interceptor.....	3,643.39	205.89
22 13 19 26-0038	EA		1,500 Gallon Pre-Cast Grease Interceptor.....	4,134.94	235.38
22 13 19 26-0039	EA		2,000 Gallon Pre-Cast Grease Interceptor.....	4,695.84	332.41
22 13 19 26-0040	EA		2,500 Gallon Pre-Cast Grease Interceptor.....	5,276.33	447.24
22 13 19 26-0041	EA		4,000 Gallon Pre-Cast Grease Interceptor.....	7,926.20	588.42
22 13 19 26-0042	EA		5,000 Gallon Pre-Cast Grease Interceptor.....	10,144.74	964.93
<b>22 13 19 26-0043</b>			<b>Coated Steel Manual Oil Interceptor</b> (22 13 19 26)		
			Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0044	EA		10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	1,955.21	177.00
22 13 19 26-0045	EA		15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	2,617.84	210.31
22 13 19 26-0046	EA		20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	3,171.94	258.77
22 13 19 26-0047	EA		25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	3,444.93	280.30
22 13 19 26-0048	EA		35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	4,116.83	305.88
22 13 19 26-0049	EA		50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	5,389.20	336.50
22 13 19 26-0050	EA		75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	8,942.59	387.25
22 13 19 26-0051	EA		100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	9,807.10	476.48
22 13 19 26-0052	EA		150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	12,002.16	516.43
22 13 19 26-0053	EA		200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	16,737.38	619.59
22 13 19 26-0054	EA		250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	19,280.81	666.07
22 13 19 26-0055	EA		350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	24,261.96	794.33
22 13 19 26-0056	EA		400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	29,120.13	650.89
22 13 19 26-0057	EA		500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	34,498.07	774.49
<b>22 13 19 33</b>			<b>Backwater Valves</b> (22 13 19)		
<b>22 13 19 33-0001</b>			<b>Cast Iron Body Terminal Backwater Valves</b> (22 13 19 33)		
22 13 19 33-0002	EA		2" Cast Iron Body Terminal Backwater Valve .....	217.21	17.79
22 13 19 33-0003	EA		3" Cast Iron Body Terminal Backwater Valve .....	224.03	22.37
22 13 19 33-0004	EA		4" Cast Iron Body Terminal Backwater Valve .....	322.37	29.74
22 13 19 33-0005	EA		6" Cast Iron Body Terminal Backwater Valve .....	852.06	38.79
22 13 19 33-0006	EA		8" Cast Iron Body Terminal Backwater Valve .....	1,042.74	51.05
22 13 19 33-0007	EA		10" Cast Iron Body Terminal Backwater Valve .....	2,998.47	62.97
22 13 19 33-0008	EA		12" Cast Iron Body Terminal Backwater Valve .....	3,399.00	81.68
<b>22 13 19 33-0009</b>			<b>Cast Iron Backwater Sewer Line Valve</b> (22 13 19 33)		
			Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA		2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	541.28	42.40
22 13 19 33-0011	EA		3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	819.51	51.43
22 13 19 33-0012	EA		4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	1,014.89	66.30
22 13 19 33-0013	EA		6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	1,407.77	70.47
22 13 19 33-0014	EA		8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	1,946.95	83.51
<b>22 13 19 33-0015</b>			<b>Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve</b> (22 13 19 33)		
			Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA		3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	1,443.32	67.11
22 13 19 33-0017	EA		4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	1,476.53	89.22
22 13 19 33-0018	EA		5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,133.79	104.36
22 13 19 33-0019	EA		6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,151.93	116.35
<b>22 13 19 36</b>			<b>Air-Admittance Valves</b> (22 13 19)		
<b>22 13 19 36-0001</b>			<b>Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent</b> (22 13 19 36)		
22 13 19 36-0002	EA		1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent.....	85.30	8.68
22 13 19 36-0003	EA		2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent.....	101.08	8.68
<b>22 13 23</b>			<b>Sanitary Waste Interceptors</b> (22 13)		
<b>22 13 23 00-0001</b>			<b>Sediment Bucket Solids Interceptors</b> (22 13 23)		
22 13 23 00-0002	EA		1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) .....	651.94	87.74
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003	EA		1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) .....	652.74	87.74
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004	EA		1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARI0).....	913.38	87.74
			Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 23 00-0005 EA 1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO).....	913.38	87.74
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006 EA 1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) .....	972.39	87.74
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
<b>22 13 23 00-0007 Solid Interceptors, Cast Iron With Internal Deep Seal Trap (22 13 23)</b>		
22 13 23 00-0008 EA 1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	272.42	30.01
For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0009 EA 2" Inlet Cast Iron Solid Interceptor, Painted Enamel .....	276.26	31.97
For Stainless Steel Bucket, Add	175.00	
<b>22 13 23 00-0010 Sediment Strainers (22 13 23)</b>		
22 13 23 00-0011 EA 2" Strainer, Pump Suction Side .....	94.72	40.96
<b>22 13 29 Sanitary Sewerage Pumps (22 13)</b>		
Note: Includes extra set of gaskets, bearings and seals.		
<b>22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps (22 13 29)</b>		
<b>22 13 29 13-0001 Vertical Non-Clog Sewage Pumps (22 13 29 13)</b>		
<b>22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0003 EA 1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,099.53	743.27
22 13 29 13-0004 EA 3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,506.00	743.27
22 13 29 13-0005 EA 1 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,912.47	743.27
22 13 29 13-0006 EA 1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	9,300.18	743.27
<b>22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0008 EA 3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,225.14	743.27
22 13 29 13-0009 EA 1 HP, Up To 100 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,381.48	743.27
22 13 29 13-0010 EA 2 HP, Up To 200 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,490.91	743.27
22 13 29 13-0011 EA 3 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	10,241.32	743.27
22 13 29 13-0012 EA 5 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	10,976.09	743.27
22 13 29 13-0013 EA 7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM .....	12,101.71	743.27
22 13 29 13-0014 EA 10 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	13,227.32	743.27
22 13 29 13-0015 EA 15 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	14,844.65	989.13
<b>22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0017 EA 2 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,008.48	743.27
22 13 29 13-0018 EA 3 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,008.48	743.27
22 13 29 13-0019 EA 5 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,279.34	743.27
22 13 29 13-0020 EA 7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM .....	12,380.98	743.27
22 13 29 13-0021 EA 10 HP, Up To 800 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	12,749.64	743.27
22 13 29 13-0022 EA 15 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	14,974.34	989.13
22 13 29 13-0023 EA 20 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	15,912.35	989.13
<b>22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less (22 13 29 13-0001)</b>		
22 13 29 13-0025 EA 2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	519.49	
22 13 29 13-0026 EA 3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	623.75	
22 13 29 13-0027 EA 4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	697.18	
22 13 29 13-0028 EA 5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	709.88	
22 13 29 13-0029 EA 6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	796.91	
<b>22 13 29 13-0030 Float Switches (22 13 29 13-0001)</b>		
Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031 EA Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps .....	466.91	
22 13 29 13-0032 EA Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	490.48	
22 13 29 13-0033 EA Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps .....	501.36	
<b>22 13 29 13-0034 Square Or Round Steel Sump Covers (22 13 29 13-0001)</b>		
22 13 29 13-0035 EA 24" Steel Sump Covers, Square Or Round.....	435.18	24.79
22 13 29 13-0036 EA 30" Steel Sump Covers, Square Or Round.....	481.80	27.88
22 13 29 13-0037 EA 36" Steel Sump Covers, Square Or Round.....	668.45	37.17
22 13 29 13-0038 EA 40" Steel Sump Covers, Square Or Round.....	969.40	43.37
22 13 29 13-0039 EA 42" Steel Sump Covers, Square Or Round.....	1,039.15	44.92
22 13 29 13-0040 EA 48" Steel Sump Covers, Square Or Round.....	1,111.06	46.47
22 13 29 13-0041 EA 54" Steel Sump Covers, Square Or Round.....	1,415.12	55.77
22 13 29 13-0042 EA 60" Steel Sump Covers, Square Or Round.....	1,916.08	61.96
22 13 29 13-0043 EA 72" Steel Sump Covers, Square Or Round.....	2,429.81	77.45

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 13</b>	<b>Facility Sanitary Sewerage</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round.....	3,087.91	85.19
<b>22 13 29 16</b>		<b>Submersible Sewerage Pumps (22 13 29)</b>		
		Note: Includes 25' of cord with pumps unless otherwise noted.		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller (22 13 29 16)		
22 13 29 16-0002		Submersible Sewage Pumps With Cast Iron Vortex Impeller (22 13 29 16-0001)		
22 13 29 16-0003	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	458.62	45.09
22 13 29 16-0004	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	609.05	45.09
22 13 29 16-0005	EA	1 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	732.22	56.36
22 13 29 16-0006		Submersible Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001)		
22 13 29 16-0007	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	699.39	45.09
22 13 29 16-0008	EA	1 HP Submersible Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	855.11	56.36
22 13 29 16-0009	EA	1-1/2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,019.95	90.85
22 13 29 16-0010	EA	2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,111.25	111.04
22 13 29 16-0011		Submersible Sewage Pumps With Semi-Open Impeller (22 13 29 16)		
22 13 29 16-0012	EA	1 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,541.56	56.36
22 13 29 16-0013	EA	1.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,664.15	84.81
22 13 29 16-0014	EA	2 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,150.83	103.65
22 13 29 16-0015	EA	3 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,496.80	125.64
22 13 29 16-0016	EA	5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,909.45	147.62
22 13 29 16-0017	EA	7.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	3,023.13	169.61
22 13 29 16-0018		Submersible Sewage Pumps Accessories (22 13 29 16)		
22 13 29 16-0019	EA	Simplex Single Phase Plug In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewage Pump.....	267.68	51.64
		Note: Includes alarm horn, warning light, and single control float switches.		
22 13 29 16-0020	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump.....	650.42	68.86
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0021	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump.....	853.54	68.86
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0022	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump.....	948.83	86.07
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0023	EA	High-water Alarm For Submersible Sewage Pump.....	208.49	34.43
22 13 29 16-0024	EA	Float Switch For Submersible Sewage Pump.....	76.50	17.22
22 13 29 16-0025	EA	Rail System With 2" Discharge For Submersible Sewage Pump.....	397.17	51.64
<b>22 13 29 33</b>		<b>Sewerage Pump Basins And Pits (22 13 29)</b>		
22 13 29 33-0001		Sewage Sump Pump Basin (22 13 29 33)		
22 13 29 33-0002		High Density Polyethylene (HDPE) Basin (22 13 29 33-0001)		
22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	92.74	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	120.70	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	279.83	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	394.42	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	509.00	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	592.65	
22 13 29 33-0009		Fiberglass Basin (22 13 29 33-0001)		
22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	167.91	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	332.54	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	590.70	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	791.84	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	911.30	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub.....	962.55	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub.....	1,129.11	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	1,310.40	
<b>22 13 53</b>		<b>Facility Septic Tanks (22 13)</b>		



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Sanitary Sewerage</b>	<b>22 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
See CSI section 33 36 13 00-0000 for septic tanks.		
<b>22 14 Facility Storm Drainage</b> <small>(22 10)</small>		
<b>22 14 13 Facility Storm Drainage Piping</b> <small>(22 14)</small>		
See CSI section 22 13 16 00-0000 for storm drainage piping.		
<b>22 14 26 Facility Storm Drains</b> <small>(22 14)</small>		
<b>22 14 26 13 Roof Drains</b> <small>(22 14 26)</small>		
<b>22 14 26 13-0001 Cast Iron Roof Drains</b> <small>(22 14 26 13)</small>		
<b>22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome</b> <small>(22 14 26 13-0001)</small>		
Note: Dome free area is 124 square inches.		
22 14 26 13-0003 EA 15" Diameter Cast Iron Roof Drain With 2' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	352.03	103.29
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0004 EA 15" Diameter Cast Iron Roof Drain With 3' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	403.66	123.92
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0005 EA 15" Diameter Cast Iron Roof Drain With 4' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	455.30	154.90
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0006 EA 15" Diameter Cast Iron Roof Drain With 5' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	595.25	185.88
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0007 EA 15" Diameter Cast Iron Roof Drain With 6' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	621.06	206.51
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0008 EA 15" Diameter Cast Iron Roof Drain With 8' Outlet, 124 Square Inch Free Area Polypropylene Dome .....	703.77	216.86
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
22 14 26 13-0009 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	875.25	224.61
For Deck Clamp, Add	50.00	
For Drain Receiver, Add	75.50	
For Galvanized Iron Parts, Add	197.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Bronze Dome, Add	170.50	
<b>22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint</b> <small>(22 14 26 13-0001)</small>		
Note: With polypropylene dome. Dome free area is 124 square inches.		
22 14 26 13-0011 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome .....	488.03	103.29
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Drain Receiver, Add	56.00	
For Galvanized Iron Parts, Add	197.00	
For Deck Clamp, Add	50.00	
22 14 26 13-0012 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome .....	549.16	123.92
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Drain Receiver, Add	56.00	
For Galvanized Iron Parts, Add	197.00	
For Deck Clamp, Add	50.00	
22 14 26 13-0013 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome .....	619.30	154.90
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Drain Receiver, Add	56.00	
For Galvanized Iron Parts, Add	197.00	
For Deck Clamp, Add	50.00	
22 14 26 13-0014 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome .....	833.75	185.88
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Drain Receiver, Add	56.00	
For Galvanized Iron Parts, Add	197.00	
For Deck Clamp, Add	50.00	
22 14 26 13-0015 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome .....	894.06	206.51
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
For Drain Receiver, Add	56.00	
For Galvanized Iron Parts, Add	197.00	
For Deck Clamp, Add	50.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0016			<b>Cast Iron Roof Drains With Flat Bronze Promenade Top</b> (22 14 26 13-0001)		
22 14 26 13-0017	EA		14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top.....	622.03	103.29
			For Drain Receiver, Add	75.50	
			For Deck Clamp, Add	50.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Galvanized Iron Parts, Add	182.50	
22 14 26 13-0018	EA		14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top.....	673.66	123.92
			For Drain Receiver, Add	75.50	
			For Deck Clamp, Add	50.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Galvanized Iron Parts, Add	182.50	
22 14 26 13-0019	EA		14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top.....	725.30	154.90
			For Drain Receiver, Add	75.50	
			For Deck Clamp, Add	50.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Galvanized Iron Parts, Add	182.50	
22 14 26 13-0020	EA		14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top.....	861.25	185.88
			For Drain Receiver, Add	75.50	
			For Deck Clamp, Add	50.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Galvanized Iron Parts, Add	182.50	
22 14 26 13-0021	EA		14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top.....	887.06	206.51
			For Drain Receiver, Add	75.50	
			For Deck Clamp, Add	50.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Galvanized Iron Parts, Add	182.50	
22 14 26 13-0022			<b>Cast Iron Scupper Drain With L-Shaped Bronze Grate</b> (22 14 26 13-0001)		
22 14 26 13-0023	EA		Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate.....	373.61	41.33
			For Vandal Proof Grate, Add	11.00	
			For Galvanized Iron Parts, Add	49.00	
22 14 26 13-0024	EA		Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate.....	394.27	51.61
			For Vandal Proof Grate, Add	11.00	
			For Galvanized Iron Parts, Add	49.00	
22 14 26 13-0025	EA		Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate.....	403.65	56.32
			For Vandal Proof Grate, Add	11.00	
			For Galvanized Iron Parts, Add	98.00	
22 14 26 13-0026	EA		Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate.....	562.80	74.66
			For Vandal Proof Grate, Add	11.00	
			For Galvanized Iron Parts, Add	98.00	
22 14 26 13-0027	EA		Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate.....	595.74	91.14
			For Vandal Proof Grate, Add	11.00	
			For Galvanized Iron Parts, Add	98.00	
22 14 26 13-0028			<b>Cast Iron Roof Drain With Flat Cast Iron Grate</b> (22 14 26 13-0001)		
			Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA		9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top.....	375.03	103.29
			For Deck Clamp, Add	31.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
			For Bronze Grate, Add	78.50	
			For Galvanized Iron Parts, Add	55.00	
22 14 26 13-0030	EA		9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top.....	426.66	123.92
			For Deck Clamp, Add	31.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
			For Bronze Grate, Add	78.50	
			For Galvanized Iron Parts, Add	55.00	
22 14 26 13-0031	EA		9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top.....	478.30	154.90
			For Deck Clamp, Add	31.00	
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
			For Bronze Grate, Add	78.50	
			For Galvanized Iron Parts, Add	55.00	
22 14 26 13-0032			<b>Cast Iron Roof Drains With Large Cast Iron Dome</b> (22 14 26 13-0001)		
22 14 26 13-0033	EA		15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome.....	395.03	103.29
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Drain Receiver, Add	56.00	
			For Deck Clamp, Add	50.00	
			For Galvanized Iron Parts, Add	197.00	
22 14 26 13-0034	EA		15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome.....	446.66	123.92
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Drain Receiver, Add	56.00	
			For Deck Clamp, Add	50.00	
			For Galvanized Iron Parts, Add	197.00	
22 14 26 13-0035	EA		15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome.....	498.30	154.90
			For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
			For Drain Receiver, Add	56.00	
			For Deck Clamp, Add	50.00	
			For Galvanized Iron Parts, Add	197.00	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Storm Drainage</b>	<b>22 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0036 EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome ..... <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Drain Receiver, Add</i> <i>For Deck Clamp, Add</i> <i>For Galvanized Iron Parts, Add</i>	638.25 136.00 56.00 50.00 197.00	185.88
22 14 26 13-0037 EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome ..... <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Drain Receiver, Add</i> <i>For Deck Clamp, Add</i> <i>For Galvanized Iron Parts, Add</i>	664.06 136.00 56.00 50.00 197.00	206.51
22 14 26 13-0038 EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome ..... <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Drain Receiver, Add</i> <i>For Deck Clamp, Add</i> <i>For Galvanized Iron Parts, Add</i>	746.77 136.00 56.00 50.00 197.00	216.86
22 14 26 13-0039 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome ..... <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Drain Receiver, Add</i> <i>For Deck Clamp, Add</i> <i>For Galvanized Iron Parts, Add</i>	918.25 136.00 56.00 50.00 197.00	224.61
<b>22 14 26 13-0040 Aluminum Roof Drains</b> <small>(22 14 26 13)</small>		
<b>22 14 26 13-0041 Aluminum Dome Roof Drains</b> <small>(22 14 26 13-0040)</small>		
22 14 26 13-0042 EA 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	402.53 56.00 136.00 197.00 50.00	103.29
22 14 26 13-0043 EA 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	454.16 56.00 136.00 197.00 50.00	123.92
22 14 26 13-0044 EA 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	505.80 56.00 136.00 197.00 50.00	154.90
22 14 26 13-0045 EA 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	671.56 56.00 136.00 197.00 50.00	206.33
22 14 26 13-0046 EA 15" Diameter Roof Drain With 8" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	754.39 56.00 136.00 197.00 50.00	216.86
22 14 26 13-0047 EA 15" Diameter Roof Drain With 10" Outlet, Aluminum Dome..... <i>For Drain Receiver, Add</i> <i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i> <i>For Galvanized Iron Parts, Add</i> <i>For Deck Clamp, Add</i>	925.75 56.00 136.00 197.00 50.00	224.61
<b>22 14 26 13-0048 Retrofit Roof Drains</b> <small>(22 14 26 13)</small>		
<b>22 14 26 13-0049 Copolymer Retrofit Roof Drains With Copolymer Strainer Dome</b> <small>(22 14 26 13-0048)</small>		
22 14 26 13-0050 EA Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	453.06	123.92
22 14 26 13-0051 EA Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	512.19	154.90
22 14 26 13-0052 EA Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	619.63	185.88
22 14 26 13-0053 EA Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	675.42	206.33
<b>22 14 26 13-0054 Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome</b> <small>(22 14 26 13-0048)</small>		
22 14 26 13-0055 EA Copolymer Retrofit Drain, 3", With Cast Aluminum Dome .....	520.52	123.92
22 14 26 13-0056 EA Copolymer Retrofit Drain, 4", With Cast Aluminum Dome .....	576.66	154.90
22 14 26 13-0057 EA Copolymer Retrofit Drain, 5", With Cast Aluminum Dome .....	688.59	185.88
22 14 26 13-0058 EA Copolymer Retrofit Drain, 6", With Cast Aluminum Dome .....	723.39	206.33
<b>22 14 26 13-0059 Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome</b> <small>(22 14 26 13-0048)</small>		
22 14 26 13-0060 EA Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome ..... <i>For Copolymer Strainer Dome, Deduct</i>	456.05 -24.00	123.92
22 14 26 13-0061 EA Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome ..... <i>For Copolymer Strainer Dome, Deduct</i>	515.19 -24.00	154.90
22 14 26 13-0062 EA Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome ..... <i>For Copolymer Strainer Dome, Deduct</i>	622.62 -24.00	185.88
22 14 26 13-0063 EA Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome ..... <i>For Copolymer Strainer Dome, Deduct</i>	654.43 -24.00	206.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0064			<b>Bronze Downspout Nozzles</b> (22 14 26 13)		
22 14 26 13-0065	EA		2" Outlet, Bronze Roof Drain Downspout Nozzle.....	270.57	61.96
22 14 26 13-0066	EA		3" Outlet, Bronze Roof Drain Downspout Nozzle.....	270.57	61.96
22 14 26 13-0067	EA		4" Outlet, Bronze Roof Drain Downspout Nozzle.....	270.57	61.96
22 14 26 13-0068	EA		5" Outlet, Bronze Roof Drain Downspout Nozzle.....	418.94	77.45
22 14 26 13-0069	EA		6" Outlet, Bronze Roof Drain Downspout Nozzle.....	418.94	77.45
22 14 26 13-0070	EA		8" Outlet, Bronze Roof Drain Downspout Nozzle.....	541.86	77.45
<b>22 14 26 16</b>			<b>Facility Area Drains</b> (22 14 26)		
22 14 26 16-0001			<b>Area Drain</b> (22 14 26 16)		
22 14 26 16-0002	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	680.73	74.60
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0003	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	696.81	82.65
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0004	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	713.74	91.14
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0005	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	731.37	99.94
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0006	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	455.23	74.60
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0007	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	471.31	82.65
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0008	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	488.24	91.14
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0009	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	505.87	99.94
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0010	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	641.73	74.60
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0011	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	657.81	82.65
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0012	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	674.74	91.14
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	
22 14 26 16-0013	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	692.37	99.94
			For Galvanized Cast Iron Parts, Add	70.50	
			For Primer Tap, Add	36.00	
			For Vandal Proof Screws, Add	29.50	
			For Ductile Iron Grate, Add	123.50	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>Facility Storm Drainage</b>	<b>22 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0014 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,276.73	74.60
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0015 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,292.81	82.65
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0016 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,309.74	91.14
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0017 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,327.37	99.94
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0018 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	671.73	74.60
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0019 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	687.81	82.65
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0020 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	704.74	91.14
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0021 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	722.37	99.94
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0022 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,215.23	74.60
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0023 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,231.31	82.65
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0024 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,248.24	91.14
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0025 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,265.87	99.94
For Primer Tap, Add	36.00	
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
22 14 26 16-0026 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	355.73	74.60
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0027 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	371.81	82.65
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0028 EA 9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	388.74	91.14
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0029 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	252.73	74.60
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0030 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	268.81	82.65
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0031 EA 9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	285.74	91.14
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 14</b>	<b>Facility Storm Drainage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	340.73	74.60
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0033	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	356.81	82.65
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0034	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	373.74	91.14
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0035	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	882.23	74.60
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0036	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	898.31	82.65
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0037	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	915.24	91.14
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0038	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	606.73	74.60
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0039	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	622.81	82.65
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0040	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	639.74	91.14
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0041	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	834.23	74.60
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0042	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	850.31	82.65
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0043	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	867.24	91.14
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	

## 22 14 26 19 Facility Trench Drains (22 14 26)

22 14 26 19-0001			<b>Trench Drain</b> (22 14 26 19) Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	567.57	74.60
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0003	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	583.65	82.65
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0004	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	600.58	91.14
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0005	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	351.52	74.60
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	





<b>Plumbing</b>	<b>22</b>	<b>22</b>
Plumbing Piping	22 10	
Facility Storm Drainage	22 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0006	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	367.60	82.65
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0007	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	384.53	91.14
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0008	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	538.13	74.60
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0009	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	554.21	82.65
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0010	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	571.14	91.14
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0011	EA		6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	492.65	37.17
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0012	EA		6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	276.60	37.17
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0013	EA		6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	463.21	37.17
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0014	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	890.95	74.60
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0015	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	907.03	82.65
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0016	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	923.96	91.14
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0017	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	623.61	74.60
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0018	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots .....	639.69	82.65
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 14</b>	<b>Facility Storm Drainage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0019	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	656.62	91.14
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0020	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	854.38	74.60
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0021	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	870.46	82.65
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0022	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	887.39	91.14
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0023	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	748.49	74.60
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0024	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	764.57	82.65
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0025	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	781.50	91.14
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
22 14 26 19-0026	EA		12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	816.01	37.17
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0027	EA		12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	548.67	37.17
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0028	EA		12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	779.44	37.17
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0029	EA		12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	673.55	37.17
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	

## 22 14 29 Sump Pumps (22 14)

See CSI section 22 11 16 00-0000 for pipe extensions into well.

### 22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps (22 14 29)

#### 22 14 29 13-0001 Vertical Mounted Sump Pumps (22 14 29 13)

Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.

22 14 29 13-0002	EA		1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	2,886.64	186.16
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0003 EA 1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	3,070.75	225.33
22 14 29 13-0004 EA 2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	3,515.24	267.69
22 14 29 13-0005 EA 3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	3,778.69	329.32
22 14 29 13-0006 EA 5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	3,997.08	356.93
22 14 29 13-0007 EA 10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	4,743.27	428.18
22 14 29 13-0008 EA 15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head.....	5,409.42	409.83
22 14 29 13-0009 EA 20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head.....	6,557.23	500.16
22 14 29 13-0010 EA 30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head.....	7,101.62	583.32
22 14 29 13-0011 EA 50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head.....	9,494.16	700.23
22 14 29 13-0012 EA 60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head.....	13,060.04	777.76
<b>22 14 29 13-0013 Extra Column Assemblies (22 14 29 13)</b>		
22 14 29 13-0014 EA 1-1/2" Diameter x 5' Long Extra Column Assembly.....	1,200.19	
22 14 29 13-0015 EA 2" Diameter x 5' Long Extra Column Assembly.....	1,313.28	
22 14 29 13-0016 EA 2-1/2" Diameter x 5' Long Extra Column Assembly.....	519.49	
22 14 29 13-0017 EA 3" Diameter x 5' Long Extra Column Assembly.....	1,725.45	
22 14 29 13-0018 EA 4" Diameter x 5' Long Extra Column Assembly.....	1,928.59	
22 14 29 13-0019 EA 5" Diameter x 5' Long Extra Column Assembly.....	709.88	
22 14 29 13-0020 EA 6" Diameter x 5' Long Extra Column Assembly.....	2,204.46	
22 14 29 13-0021 EA 8" Diameter x 5' Long Extra Column Assembly.....	2,412.20	
<b>22 14 29 13-0022 Float Switch (22 14 29 13)</b>		
22 14 29 13-0023 EA For Float Switch Copper Coated Float, General Purpose.....	1,330.31	19.52
22 14 29 13-0024 EA For Float Switch Copper Coated Float, Weathertight.....	1,395.52	19.52
22 14 29 13-0025 EA For Float Switch Copper Coated Float, Explosion Proof.....	1,425.61	19.52
<b>22 14 29 13-0026 Support Plate (22 14 29 13)</b>		
22 14 29 13-0027 EA 24" Steel Support Plate, Round Or Square.....	435.18	24.79
22 14 29 13-0028 EA 30" Steel Support Plate, Round Or Square.....	481.80	27.88
22 14 29 13-0029 EA 36" Steel Support Plate, Round Or Square.....	668.45	37.17
22 14 29 13-0030 EA 40" Steel Support Plate, Round Or Square.....	969.40	43.37
22 14 29 13-0031 EA 42" Steel Support Plate, Round Or Square.....	1,039.15	44.92
22 14 29 13-0032 EA 48" Steel Support Plate, Round Or Square.....	1,111.00	46.47
22 14 29 13-0033 EA 54" Steel Support Plate, Round Or Square.....	1,415.12	55.77
22 14 29 13-0034 EA 60" Steel Support Plate, Round Or Square.....	1,916.08	61.96
22 14 29 13-0035 EA 72" Steel Support Plate, Round Or Square.....	2,557.97	77.45
22 14 29 13-0036 EA 84" Steel Support Plate, Round Or Square.....	3,087.91	85.19
<b>22 14 29 16 Submersible Sump Pumps (22 14 29)</b>		
Note: Includes 25' of cord with pumps unless otherwise noted.		
<b>22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller (22 14 29 16)</b>		
<b>22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller (22 14 29 16-0001)</b>		
22 14 29 16-0003 EA 1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	250.62	40.38
22 14 29 16-0004 EA 1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	279.51	40.38
22 14 29 16-0005 EA 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	413.15	42.74
22 14 29 16-0006 EA 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	446.89	42.74
<b>22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller (22 14 29 16-0001)</b>		
22 14 29 16-0008 EA 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	667.02	42.74
22 14 29 16-0009 EA 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	725.21	42.74
22 14 29 16-0010 EA 1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	761.46	47.11
22 14 29 16-0011 EA 1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	821.68	47.11
22 14 29 16-0012 EA 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	857.33	53.84
22 14 29 16-0013 EA 1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	917.56	53.84
22 14 29 16-0014 EA 2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	924.13	63.93
22 14 29 16-0015 EA 2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	973.77	63.93
<b>22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller (22 14 29 16)</b>		
22 14 29 16-0017 EA 1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	653.51	40.38
22 14 29 16-0018 EA 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	748.40	42.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0019 EA 3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller .....	894.16	45.09
22 14 29 16-0020 EA 1 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller .....	944.97	47.11
22 14 29 16-0021 EA 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller .....	1,077.91	53.84
22 14 29 16-0022 EA 2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller .....	1,255.73	63.93
<b>22 14 29 19 Sump-Pump Basins and Pits</b> <small>(22 14 29)</small> See CSI section 22 13 29 33-0000 for basins and pits.		
<b>22 15 General Service Compressed-Air Systems</b> <small>(22 10)</small>		
<b>22 15 13 General Service Compressed-Air Piping</b> <small>(22 15)</small>		
22 15 13 00-0001 Quick Disconnect, Air-Service <small>(22 15 13)</small>		
22 15 13 00-0002 Combination Steel And Brass <small>(22 15 13 00-0001)</small>		
22 15 13 00-0003 EA 1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket .....	30.08	9.43
22 15 13 00-0004 EA 3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket .....	33.26	11.44
<b>22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters</b> <small>(22 15 13)</small>		
22 15 13 00-0006 EA 3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	521.33	51.37
22 15 13 00-0007 EA 5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	595.91	52.79
22 15 13 00-0008 EA 7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	766.14	54.23
22 15 13 00-0009 EA 10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	895.08	57.08
22 15 13 00-0010 EA 15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	995.42	64.22
22 15 13 00-0011 EA 20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	1,104.40	73.06
22 15 13 00-0012 EA 30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	1,570.34	92.75
22 15 13 00-0013 EA 40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	1,764.09	108.45
22 15 13 00-0014 EA 50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	1,918.90	115.87
22 15 13 00-0015 EA 60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	2,084.20	128.43
22 15 13 00-0016 EA 75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	2,348.33	142.70
22 15 13 00-0017 EA 85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	2,614.85	156.97
22 15 13 00-0018 EA 100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	2,747.86	174.09
22 15 13 00-0019 EA 125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	3,213.67	185.51
22 15 13 00-0020 EA 175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	3,888.08	192.64
22 15 13 00-0021 EA 200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	4,606.74	199.78
22 15 13 00-0022 EA 250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	5,127.59	206.91
22 15 13 00-0023 EA 300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	5,589.60	214.05
22 15 13 00-0024 EA 400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	6,253.18	228.32
22 15 13 00-0025 EA 500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	7,297.75	285.40
22 15 13 00-0026 EA 600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	9,239.23	342.48
22 15 13 00-0027 EA 800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	10,283.80	399.56
22 15 13 00-0028 EA 1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters .....	12,106.90	456.65
<b>22 15 13 00-0029 Oil And Water Separator For Air Compressor</b> <small>(22 15 13)</small>		
22 15 13 00-0030 EA 0-60 SCFM Oil/Water Separator .....	500.49	22.31
22 15 13 00-0031 EA 85 SCFM Oil/Water Separator .....	676.55	26.15
22 15 13 00-0032 EA 190 SCFM Oil/Water Separator .....	791.15	29.63
22 15 13 00-0033 EA 245 SCFM Oil/Water Separator .....	994.15	34.86
22 15 13 00-0034 EA 320 SCFM Oil/Water Separator .....	1,181.50	41.83
22 15 13 00-0035 EA 700 SCFM Oil/Water Separator .....	2,380.73	87.15
<b>22 15 13 00-0036 Heavy Duty Industrial Pressure Regulator</b> <small>(22 15 13)</small>		
22 15 13 00-0037 EA 3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	78.50	17.12
22 15 13 00-0038 EA 1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	110.25	22.83
22 15 13 00-0039 EA 3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	194.37	28.54
22 15 13 00-0040 EA 1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	239.65	42.81
22 15 13 00-0041 EA 1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	340.67	49.94
22 15 13 00-0042 EA 1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output .....	354.94	57.08
<b>22 15 13 00-0043 Heatless Desiccant Air Dryers</b> <small>(22 15 13)</small>		
22 15 13 00-0044 EA 5 SCFM Heatless Desiccant Air Dryer .....	1,947.66	51.37
22 15 13 00-0045 EA 10 SCFM Heatless Desiccant Air Dryer .....	2,344.51	57.08
22 15 13 00-0046 EA 15 SCFM Heatless Desiccant Air Dryer .....	2,364.29	62.79
22 15 13 00-0047 EA 20 SCFM Heatless Desiccant Air Dryer .....	2,700.76	71.35
22 15 13 00-0048 EA 30 SCFM Heatless Desiccant Air Dryer .....	3,727.85	85.62
22 15 13 00-0049 EA 50 SCFM Heatless Desiccant Air Dryer .....	3,664.14	114.16
22 15 13 00-0050 EA 85 SCFM Heatless Desiccant Air Dryer .....	4,927.88	142.70
22 15 13 00-0051 EA 100 SCFM Heatless Desiccant Air Dryer .....	5,217.93	171.24
22 15 13 00-0052 EA 125 SCFM Heatless Desiccant Air Dryer .....	5,971.50	199.78
22 15 13 00-0053 EA 175 SCFM Heatless Desiccant Air Dryer .....	6,857.70	228.32
22 15 13 00-0054 EA 200 SCFM Heatless Desiccant Air Dryer .....	7,362.65	256.86
22 15 13 00-0055 EA 300 SCFM Heatless Desiccant Air Dryer .....	9,019.84	285.40
22 15 13 00-0056 EA 400 SCFM Heatless Desiccant Air Dryer .....	10,004.61	342.48



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0057 EA 500 SCFM Heatless Desiccant Air Dryer.....	11,561.02	399.56
22 15 13 00-0058 EA 600 SCFM Heatless Desiccant Air Dryer.....	13,342.27	456.65
<b>22 15 13 00-0059 Air Cooled Aftercoolers (22 15 13)</b>		
22 15 13 00-0060 EA 20 SCFM Air-Cooled Aftercooler .....	477.97	35.67
22 15 13 00-0061 EA 35 SCFM Air-Cooled Aftercooler .....	648.90	42.81
22 15 13 00-0062 EA 43 SCFM Air-Cooled Aftercooler .....	710.99	49.94
22 15 13 00-0063 EA 70 SCFM Air-Cooled Aftercooler .....	871.16	57.08
22 15 13 00-0064 EA 125 SCFM Air-Cooled Aftercooler .....	1,222.67	64.22
22 15 13 00-0065 EA 185 SCFM Air-Cooled Aftercooler .....	1,373.28	71.35
22 15 13 00-0066 EA 260 SCFM Air-Cooled Aftercooler .....	2,690.28	85.62
22 15 13 00-0067 EA 365 SCFM Air-Cooled Aftercooler .....	2,806.36	99.89
22 15 13 00-0068 EA 560 SCFM Air-Cooled Aftercooler .....	2,921.49	114.16
22 15 13 00-0069 EA 650 SCFM Air-Cooled Aftercooler .....	3,429.34	128.43
22 15 13 00-0070 EA 750 SCFM Air-Cooled Aftercooler .....	3,747.77	142.70
22 15 13 00-0071 EA 900 SCFM Air-Cooled Aftercooler .....	4,301.55	156.97
22 15 13 00-0072 EA 1,100 SCFM Air-Cooled Aftercooler .....	5,540.34	171.24
22 15 13 00-0073 EA 1,460 SCFM Air-Cooled Aftercooler .....	6,343.34	185.51
22 15 13 00-0074 EA 1,800 SCFM Air-Cooled Aftercooler .....	6,545.29	199.78
22 15 13 00-0075 EA 2,500 SCFM Air-Cooled Aftercooler .....	7,018.70	214.05
<b>22 15 13 00-0076 Compressed Air Coalescing Filters (22 15 13)</b>		
<b>22 15 13 00-0077 1.0 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0076)</b>		
22 15 13 00-0078 EA 10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	164.91	22.66
22 15 13 00-0079 EA 20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	198.40	22.66
22 15 13 00-0080 EA 50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	216.13	26.15
22 15 13 00-0081 EA 75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	248.91	29.98
22 15 13 00-0082 EA 100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	291.06	33.12
22 15 13 00-0083 EA 140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	328.92	40.08
22 15 13 00-0084 EA 175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	420.87	43.57
22 15 13 00-0085 EA 250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	429.86	52.29
22 15 13 00-0086 EA 280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	550.83	69.72
22 15 13 00-0087 EA 350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	630.45	78.43
<b>22 15 13 00-0088 0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0076)</b>		
22 15 13 00-0089 EA 16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	203.18	22.66
22 15 13 00-0090 EA 30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	219.71	26.15
22 15 13 00-0091 EA 60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	252.26	29.98
22 15 13 00-0092 EA 100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	297.76	29.63
22 15 13 00-0093 EA 140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	336.57	40.08
22 15 13 00-0094 EA 180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	382.54	43.57
22 15 13 00-0095 EA 250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	438.48	52.29
22 15 13 00-0096 EA 280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	565.18	69.72
22 15 13 00-0097 EA 350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	649.58	78.43
<b>22 15 13 00-0098 Compressed Air Storage Tanks (22 15 13)</b>		
<b>22 15 13 00-0099 Horizontal Compressed Air Storage Tanks (22 15 13 00-0098)</b>		
22 15 13 00-0100 EA 12 Gallon Horizontal Compressed Air Storage Tank, ASME .....	258.76	45.67
22 15 13 00-0101 EA 15 Gallon Horizontal Compressed Air Storage Tank, ASME .....	345.68	49.94
22 15 13 00-0102 EA 20 Gallon Horizontal Compressed Air Storage Tank, ASME .....	366.17	52.51
22 15 13 00-0103 EA 30 Gallon Horizontal Compressed Air Storage Tank, ASME .....	416.94	57.08
22 15 13 00-0104 EA 60 Gallon Horizontal Compressed Air Storage Tank, ASME .....	544.78	77.05
22 15 13 00-0105 EA 80 Gallon Horizontal Compressed Air Storage Tank, ASME .....	656.21	85.62
22 15 13 00-0106 EA 120 Gallon Horizontal Compressed Air Storage Tank, ASME .....	978.79	99.89
22 15 13 00-0107 EA 200 Gallon Horizontal Compressed Air Storage Tank, ASME .....	1,452.82	114.16
22 15 13 00-0108 EA 240 Gallon Horizontal Compressed Air Storage Tank, ASME .....	1,618.57	121.30
22 15 13 00-0109 EA 325 Gallon Horizontal Compressed Air Storage Tank, ASME .....	2,320.73	128.43
22 15 13 00-0110 EA 400 Gallon Horizontal Compressed Air Storage Tank, ASME .....	3,066.97	149.83
22 15 13 00-0111 EA 660 Gallon Horizontal Compressed Air Storage Tank, ASME .....	4,404.65	178.38
<b>22 15 13 00-0112 Vertical Compressed Air Storage Tanks (22 15 13 00-0098)</b>		
22 15 13 00-0113 EA 10 Gallon Vertical Compressed Air Storage Tank, ASME .....	321.76	45.67
22 15 13 00-0114 EA 15 Gallon Vertical Compressed Air Storage Tank, ASME .....	338.00	49.94
22 15 13 00-0115 EA 20 Gallon Vertical Compressed Air Storage Tank, ASME .....	366.17	52.51
22 15 13 00-0116 EA 30 Gallon Vertical Compressed Air Storage Tank, ASME .....	432.15	57.08
22 15 13 00-0117 EA 60 Gallon Vertical Compressed Air Storage Tank, ASME .....	590.40	77.05
22 15 13 00-0118 EA 80 Gallon Vertical Compressed Air Storage Tank, ASME .....	678.19	85.62
22 15 13 00-0119 EA 120 Gallon Vertical Compressed Air Storage Tank, ASME .....	931.01	99.89
22 15 13 00-0120 EA 200 Gallon Vertical Compressed Air Storage Tank, ASME .....	1,354.35	114.16
22 15 13 00-0121 EA 240 Gallon Vertical Compressed Air Storage Tank, ASME .....	1,493.07	121.30
22 15 13 00-0122 EA 325 Gallon Vertical Compressed Air Storage Tank, ASME .....	2,023.49	128.43
22 15 13 00-0123 EA 400 Gallon Vertical Compressed Air Storage Tank, ASME .....	2,590.15	149.83
22 15 13 00-0124 EA 500 Gallon Vertical Compressed Air Storage Tank, ASME .....	3,371.42	164.11
22 15 13 00-0125 EA 660 Gallon Vertical Compressed Air Storage Tank, ASME .....	5,586.42	185.51

<b>22</b>	<b>Plumbing</b>
<b>22 10</b>	<b>Plumbing Piping</b>
<b>22 15</b>	<b>General Service Compressed-Air Systems</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 22 15 19 General Service Packaged Air Compressors And Receivers (22 15)

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

#### 22 15 19 13 General Service Packaged Reciprocating Air Compressors (22 15 19)

##### 22 15 19 13-0001 Single Stage Compressor (22 15 19 13)

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	1,396.72	202.52
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	1,465.07	233.74
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	1,674.28	276.04
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	1,904.88	304.58
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	2,316.84	321.70
22 15 19 13-0007	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure .....	2,472.69	333.12
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure .....	2,778.44	380.72
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure .....	2,978.89	403.56
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	3,567.01	456.87

##### 22 15 19 13-0011 Two Stage Compressor (22 15 19 13)

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure.....	2,662.45	355.95
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure.....	2,867.77	418.80
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure.....	3,002.54	456.87
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure.....	3,451.19	609.16
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure.....	3,708.31	609.16
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure.....	4,009.37	761.45
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure.....	4,242.57	761.45
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure.....	5,433.27	941.83
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure.....	5,839.45	970.36
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure.....	6,305.67	1,134.07
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure.....	9,395.46	1,283.73
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure.....	10,111.30	1,450.58
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure.....	11,266.38	1,603.21
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure.....	12,259.86	1,757.05

#### 22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

##### 22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated .....	4,589.35	556.35
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated .....	5,161.22	741.80
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	6,609.68	930.04
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	7,689.32	1,185.21
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	8,801.72	1,394.36
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	10,643.64	1,568.66
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	11,675.92	1,742.96
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	13,986.65	1,952.11
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	15,357.00	2,091.55
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	17,208.37	2,253.99
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	22,208.51	2,440.14
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	24,601.35	2,579.58
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	39,065.17	2,788.73
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	48,590.98	3,015.32
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	56,362.62	3,245.38
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	73,096.56	3,485.92
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	82,971.32	3,709.01

##### 22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	5,743.62	741.80
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	6,088.04	741.80
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	6,883.54	930.04
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	7,260.25	930.04
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	7,840.01	1,185.21
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	8,238.24	1,185.21



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Piping</b>	<b>22 10</b>	
<b>General Service Compressed-Air Systems</b>	<b>22 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0026 EA 15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	8,926.10	1,394.36
22 15 19 19-0027 EA 15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	9,356.62	1,394.36
22 15 19 19-0028 EA 20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	15,178.49	1,568.66
22 15 19 19-0029 EA 25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	16,372.22	1,742.96
22 15 19 19-0030 EA 30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	17,458.34	1,952.11

**22 30 Plumbing Equipment <sup>(22)</sup>**

**22 31 Domestic Water Softeners <sup>(22 30)</sup>**

**22 31 13 Residential Domestic Water Softeners <sup>(22 31)</sup>**

See CSI section 11 30 13 13-0106 for residential water softener.

**22 31 16 Commercial Domestic Water Softeners <sup>(22 31)</sup>**

**22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16)</sup>**

**22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0001)</sup>**

**22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>**

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004 EA 30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11) .....	2,602.38	170.39
22 31 16 00-0005 EA 45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11) .....	2,720.17	178.13
22 31 16 00-0006 EA 60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11) .....	2,936.96	185.88
22 31 16 00-0007 EA 90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11) .....	3,383.65	193.63
22 31 16 00-0008 EA 120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11) .....	3,607.04	201.37

**22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>**

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010 EA 60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11) .....	3,908.26	185.88
22 31 16 00-0011 EA 90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11) .....	4,110.75	193.63
22 31 16 00-0012 EA 120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11) .....	4,335.24	201.37
22 31 16 00-0013 EA 150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11) .....	5,155.93	209.11
22 31 16 00-0014 EA 210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11) .....	5,733.52	216.86
22 31 16 00-0015 EA 300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11) .....	6,986.51	224.61

**22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>**

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017 EA 90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11) .....	5,947.75	193.63
22 31 16 00-0018 EA 120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11) .....	6,164.54	201.37
22 31 16 00-0019 EA 150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11) .....	6,987.43	209.11
22 31 16 00-0020 EA 210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11) .....	7,565.02	216.86
22 31 16 00-0021 EA 300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11) .....	8,886.21	224.61
22 31 16 00-0022 EA 450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11) .....	11,729.80	232.35
22 31 16 00-0023 EA 600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11) .....	13,726.39	240.09

**22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>**

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0025 EA 300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11) .....	14,412.61	224.61
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0026 EA 450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11).....	16,654.50	232.35
22 31 16 00-0027 EA 600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11).....	18,624.69	240.09
22 31 16 00-0028 EA 900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11).....	23,457.08	247.84
22 31 16 00-0029 EA 1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11).....	25,976.17	255.59
<b>22 31 16 00-0030 Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)</b>		
<b>22 31 16 00-0031 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0030)</b> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032 EA 90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21).....	9,765.88	290.43
22 31 16 00-0033 EA 120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21).....	10,199.41	302.05
22 31 16 00-0034 EA 150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21).....	11,618.54	313.68
22 31 16 00-0035 EA 210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21).....	12,705.47	325.29
22 31 16 00-0036 EA 300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21).....	15,518.32	336.91
22 31 16 00-0037 EA 450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21).....	20,572.95	348.52
22 31 16 00-0038 EA 600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21).....	24,221.78	360.14
<b>22 31 16 00-0039 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0030)</b> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040 EA 300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21).....	26,478.72	336.91
22 31 16 00-0041 EA 450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21).....	30,424.55	348.52
22 31 16 00-0042 EA 600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	34,195.48	360.14
22 31 16 00-0043 EA 900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21).....	43,523.61	371.76
22 31 16 00-0044 EA 1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21).....	48,599.16	383.37
<b>22 31 16 00-0045 Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)</b>		
<b>22 31 16 00-0046 1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)</b> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047 EA 30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	3,417.37	255.59
22 31 16 00-0048 EA 45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	3,645.20	267.20
22 31 16 00-0049 EA 60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	3,977.54	278.82
22 31 16 00-0050 EA 90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	4,779.58	290.43
22 31 16 00-0051 EA 120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	5,289.01	302.05
<b>22 31 16 00-0052 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)</b> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053 EA 60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	6,719.84	278.82
22 31 16 00-0054 EA 90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	7,086.28	290.43
22 31 16 00-0055 EA 120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	7,628.71	302.05
22 31 16 00-0056 EA 150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	8,736.54	313.68
22 31 16 00-0057 EA 210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	9,860.87	325.29





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Equipment</b>	<b>22 30</b>	
<b>Domestic Water Softeners</b>	<b>22 31</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0058 EA 300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	12,355.82	336.91
<b>22 31 16 00-0059 Water Deionizers</b> (22 31 16)		
22 31 16 00-0060 EA 37 kg Water Deionizer Complete With Controls And Chemical Mixing Tank.....	7,059.73	272.63
22 31 16 00-0061 EA 55 kg Water Deionizer Complete With Controls And Chemical Mixing Tank.....	7,219.30	272.63
22 31 16 00-0062 EA 73 kg Water Deionizer Complete With Controls And Chemical Mixing Tank.....	9,732.45	272.63
22 31 16 00-0063 EA 110 kg Water Deionizer Complete With Controls And Chemical Mixing Tank.....	9,841.57	272.63
<b>22 32 Domestic Water Filtration Equipment</b> (22 30)		
<b>22 32 16 Domestic-Water Freestanding Cartridge Filters</b> (22 32)		
<b>22 32 16 00-0001 Commercial Water Filters Housings</b> (22 32 16)		
<b>22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings</b> (22 32 16 00-0001)		
<b>22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings</b> (22 32 16 00-0002)		
22 32 16 00-0004 EA 25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1).....	1,354.09	113.29
22 32 16 00-0005 EA 30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1).....	1,381.41	122.01
22 32 16 00-0006 EA 60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2).....	1,470.35	130.72
22 32 16 00-0007 EA 90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3).....	1,627.47	139.44
22 32 16 00-0008 EA 120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4).....	1,676.80	148.15
22 32 16 00-0009 EA 150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4).....	2,030.83	156.87
22 32 16 00-0010 EA 250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3).....	5,684.86	165.58
22 32 16 00-0011 EA 300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4).....	6,611.99	174.29
22 32 16 00-0012 EA 500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3).....	8,391.62	183.01
22 32 16 00-0013 EA 600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4).....	9,307.75	191.73
<b>22 32 16 00-0014 Commercial Water Filter Cartridges</b> (22 32 16 00-0002)		
<b>22 32 16 00-0015 (Depth) Water Filter Cartridges</b> (22 32 16 00-0014)		
22 32 16 00-0016 EA 50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50).....	6.91	1.39
22 32 16 00-0017 EA 20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20).....	6.91	1.39
22 32 16 00-0018 EA 10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10).....	6.91	1.39
22 32 16 00-0019 EA 5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5).....	5.81	1.39
22 32 16 00-0020 EA 1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1).....	7.19	1.39
22 32 16 00-0021 EA 50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50).....	7.19	1.39
22 32 16 00-0022 EA 20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20).....	7.74	1.39
22 32 16 00-0023 EA 5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5).....	9.67	1.39
22 32 16 00-0024 EA 1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1).....	7.74	1.39
22 32 16 00-0025 EA 50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50).....	9.11	1.39
22 32 16 00-0026 EA 20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20).....	9.11	1.39
22 32 16 00-0027 EA 5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5).....	9.11	1.39
22 32 16 00-0028 EA 1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1).....	9.94	1.39
22 32 16 00-0029 EA 50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50).....	12.97	1.39
22 32 16 00-0030 EA 20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20).....	11.87	1.39
22 32 16 00-0031 EA 5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5).....	11.87	1.39
22 32 16 00-0032 EA 1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1).....	12.97	1.39
<b>22 32 16 00-0033 Pleated Water Filter Cartridges</b> (22 32 16 00-0014)		
22 32 16 00-0034 EA 50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50).....	12.14	1.39
22 32 16 00-0035 EA 20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20).....	12.14	1.39
22 32 16 00-0036 EA 5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5).....	12.41	1.39
22 32 16 00-0037 EA 1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1).....	13.24	1.39
22 32 16 00-0038 EA 1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB).....	19.84	1.39
22 32 16 00-0039 EA 50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50).....	19.01	1.39
22 32 16 00-0040 EA 20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20).....	19.01	1.39
22 32 16 00-0041 EA 5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5).....	19.01	1.39
22 32 16 00-0042 EA 1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1).....	25.07	1.39
22 32 16 00-0043 EA 1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB).....	35.51	1.39
22 32 16 00-0044 EA 50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50).....	29.74	1.39
22 32 16 00-0045 EA 20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20).....	41.29	1.39
22 32 16 00-0046 EA 5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5).....	42.94	1.39
22 32 16 00-0047 EA 1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1).....	48.44	1.39
<b>22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings</b> (22 32 16 00-0001)		

**22 Plumbing****22 30 Plumbing Equipment****22 32 Domestic Water Filtration Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings</b> (22 32 16 00-0048)		
22 32 16 00-0050 EA 150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG).....	1,067.70	104.58
<b>22 32 16 00-0051 Commercial Water Filter Cartridges</b> (22 32 16 00-0048)		
<b>22 32 16 00-0052 Carbon Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0053 EA Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5).....	345.44	1.39
<b>22 32 16 00-0054 (Depth) Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0055 EA 50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50).....	71.81	1.39
22 32 16 00-0056 EA 20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20).....	71.27	1.39
22 32 16 00-0057 EA 5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5).....	71.27	1.39
22 32 16 00-0058 EA 1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1).....	81.71	1.39
<b>22 32 16 00-0059 Pleated Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0060 EA 150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150).....	189.79	1.39
22 32 16 00-0061 EA 50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50).....	178.24	1.39
22 32 16 00-0062 EA 20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20).....	194.19	1.39
22 32 16 00-0063 EA 5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5).....	203.54	1.39
22 32 16 00-0064 EA 1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1).....	216.74	1.39
22 32 16 00-0065 EA 1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB).....	234.89	1.39
<b>22 33 Electric Domestic Water Heaters</b> (22 30)		
<b>22 33 13 Instantaneous Electric Domestic Water Heaters</b> (22 33)		
<b>22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters</b> (22 33 13)		
<b>22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters</b> (22 33 13 13)		
22 33 13 13-0002 EA 3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95).....	248.25	33.65
22 33 13 13-0003 EA 7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P).....	314.29	33.65
<b>22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters</b> (22 33 13)		
<b>22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters</b> (22 33 13 16)		
Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002 EA 3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T).....	332.06	50.47
22 33 13 16-0003 EA 12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12).....	402.37	67.30
22 33 13 16-0004 EA 17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115).....	682.07	117.78
22 33 13 16-0005 EA 26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125).....	1,028.08	134.60
22 33 13 16-0006 EA 12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus).....	658.37	67.30
22 33 13 16-0007 EA 14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus).....	903.29	100.95
22 33 13 16-0008 EA 19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus).....	1,004.91	134.60
22 33 13 16-0009 EA 24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus).....	1,041.24	134.60
22 33 13 16-0010 EA 28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus).....	1,075.55	134.60
22 33 13 16-0011 EA 36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus).....	1,126.01	134.60
<b>22 33 30 Residential, Electric Domestic Water Heaters</b> (22 33)		
<b>22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters</b> (22 33 30)		
<b>22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax)</b> (22 33 30 13)		
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002 EA 2 Gallon, Small-Capacity, Electric Domestic Water Heater.....	478.37	105.99
22 33 30 13-0003 EA 10 Gallon, Small-Capacity, Electric Domestic Water Heater.....	580.64	112.73
22 33 30 13-0004 EA 20 Gallon, Small-Capacity, Electric Domestic Water Heater.....	679.54	117.78
<b>22 33 30 16 Residential, Storage Electric Domestic Water Heaters</b> (22 33 30)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 33 30 16-0001</b>	<b>Electric Domestic Water Heaters (A.O. Smith ProMax) <small>(22 33 30 16)</small></b>	
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002 EA 30 Gallon, Electric Domestic Water Heater.....	722.95	117.78
22 33 30 16-0003 EA 40 Gallon, Electric Domestic Water Heater.....	684.05	121.14
22 33 30 16-0004 EA 50 Gallon, Electric Domestic Water Heater.....	675.24	124.50
22 33 30 16-0005 EA 55 Gallon, Electric Domestic Water Heater.....	748.83	126.19
22 33 30 16-0006 EA 66 Gallon, Electric Domestic Water Heater.....	1,067.21	129.56
22 33 30 16-0007 EA 80 Gallon, Electric Domestic Water Heater.....	1,088.41	134.60
22 33 30 16-0008 EA 120 Gallon, Electric Domestic Water Heater.....	1,434.00	143.02
<b>22 33 30 16-0009</b>	<b>Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) <small>(22 33 30 16)</small></b>	
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010 EA 30 Gallon, Low-Boy, Electric Domestic Water Heater.....	772.79	117.78
22 33 30 16-0011 EA 40 Gallon, Low-Boy, Electric Domestic Water Heater.....	739.56	121.14
22 33 30 16-0012 EA 50 Gallon, Low-Boy, Electric Domestic Water Heater.....	781.81	124.50
<b>22 33 30 16-0013</b>	<b>High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) <small>(22 33 30 16)</small></b>	
Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014 EA 40 Gallon, High Efficiency, Electric Domestic Water Heater.....	797.78	121.14
22 33 30 16-0015 EA 50 Gallon, High Efficiency, Electric Domestic Water Heater.....	868.40	124.50
22 33 30 16-0016 EA 66 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,059.39	129.56
22 33 30 16-0017 EA 80 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,149.41	134.60
<b>22 33 30 16-0018</b>	<b>Water Heater Accessories <small>(22 33 30 16)</small></b>	
22 33 30 16-0019 EA 2 Gallon, Expansion Pressure Tank For Water Heaters.....	60.14	6.73
22 33 30 16-0020 EA 4.4 Gallon, Expansion Pressure Tank For Water Heaters.....	70.55	6.73
22 33 30 16-0021 EA 7.6 Gallon, Expansion Pressure Tank For Water Heaters.....	134.90	6.73
22 33 30 16-0022 EA 14 Gallon, Expansion Pressure Tank For Water Heaters.....	180.18	6.73
22 33 30 16-0023 EA 20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan.....	38.90	5.05
22 33 30 16-0024 EA 22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan.....	42.37	5.05
22 33 30 16-0025 EA 24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan.....	44.68	5.05
22 33 30 16-0026 EA 26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan.....	52.78	5.05
22 33 30 16-0027 EA 22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	21.49	5.05
22 33 30 16-0028 EA 24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	23.34	5.05
22 33 30 16-0029 EA 26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	25.94	5.05
22 33 30 16-0030 EA 28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	29.29	5.05
<b>22 33 33</b>	<b>Light-Commercial Electric Domestic Water Heaters <small>(22 33)</small></b>	
<b>22 33 33 00-0001</b>	<b>Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) <small>(22 33 33)</small></b>	
Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0002 EA Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S).....	798.27	117.78
22 33 33 00-0003 EA Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S).....	834.47	117.78
22 33 33 00-0004 EA Up To 6 KW, 15 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-15S).....	904.32	134.60
22 33 33 00-0005 EA Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S).....	948.68	134.60
22 33 33 00-0006 EA Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D).....	1,732.14	134.60
22 33 33 00-0007 EA Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D).....	1,922.04	168.25
22 33 33 00-0008 EA Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D).....	2,160.98	201.90
22 33 33 00-0009 EA Up To 12 KW, 30 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-30D).....	1,708.37	168.25
22 33 33 00-0010 EA Up To 12 KW, 40 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-40D).....	1,848.48	168.25
22 33 33 00-0011 EA Up To 12 KW, 50 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-50D).....	2,096.76	201.90
22 33 33 00-0012 EA Up To 12 KW, 66 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-66D).....	2,464.88	269.20
22 33 33 00-0013 EA Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D).....	2,742.35	302.85
22 33 33 00-0014 EA Up To 12 KW, 119 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-120D).....	3,796.60	403.80
<b>22 33 33 00-0015</b>	<b>Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) <small>(22 33 33)</small></b>	
Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0016 EA 3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3).....	3,668.24	117.78
22 33 33 00-0017 EA 3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3).....	3,808.35	117.78
22 33 33 00-0018 EA 6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6).....	4,036.03	117.78
22 33 33 00-0019 EA 3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3).....	4,005.46	134.60
22 33 33 00-0020 EA 6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6).....	4,185.27	134.60
22 33 33 00-0021 EA 9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9).....	4,549.56	134.60
22 33 33 00-0022 EA 12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12).....	4,623.12	134.60
22 33 33 00-0023 EA 15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15).....	4,855.47	134.60
22 33 33 00-0024 EA 18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18).....	4,992.08	134.60
22 33 33 00-0025 EA 6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6).....	4,361.58	134.60
22 33 33 00-0026 EA 9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9).....	4,583.42	134.60
22 33 33 00-0027 EA 12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12).....	4,916.19	134.60
22 33 33 00-0028 EA 15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15).....	4,927.87	134.60

**22 Plumbing****22 30 Plumbing Equipment****22 33 Electric Domestic Water Heaters**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0029 EA 18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18) .....	5,159.05	134.60
22 33 33 00-0030 EA 24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24) .....	6,509.96	134.60
22 33 33 00-0031 EA 9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9) .....	4,756.98	168.25
22 33 33 00-0032 EA 12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12) .....	4,983.49	168.25
22 33 33 00-0033 EA 15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15) .....	5,187.82	168.25
22 33 33 00-0034 EA 18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18) .....	5,345.45	168.25
22 33 33 00-0035 EA 24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24) .....	6,698.69	168.25
22 33 33 00-0036 EA 30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30) .....	7,246.30	168.25
22 33 33 00-0037 EA 36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36) .....	7,814.92	168.25
22 33 33 00-0038 EA 9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9) .....	5,622.91	201.90
22 33 33 00-0039 EA 12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12) .....	5,807.39	201.90
22 33 33 00-0040 EA 15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15) .....	5,885.62	201.90
22 33 33 00-0041 EA 18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18) .....	5,955.68	201.90
22 33 33 00-0042 EA 24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24) .....	7,717.59	201.90
22 33 33 00-0043 EA 30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30) .....	8,156.61	201.90
22 33 33 00-0044 EA 36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36) .....	8,384.29	201.90
22 33 33 00-0045 EA 45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45) .....	9,849.63	201.90
22 33 33 00-0046 EA 54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54) .....	10,007.25	201.90
22 33 33 00-0047 EA 60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60) .....	11,961.81	201.90
22 33 33 00-0048 EA 75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75) .....	14,193.10	201.90
22 33 33 00-0049 EA 90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90) .....	17,491.57	201.90
22 33 33 00-0050 EA 9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9) .....	6,329.64	269.20
22 33 33 00-0051 EA 12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12) .....	6,487.26	269.20
22 33 33 00-0052 EA 15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15) .....	6,574.83	269.20
22 33 33 00-0053 EA 18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18) .....	6,665.91	269.20
22 33 33 00-0054 EA 24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24) .....	8,396.29	269.20
22 33 33 00-0055 EA 30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30) .....	8,822.46	269.20
22 33 33 00-0056 EA 36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36) .....	11,384.18	269.20
22 33 33 00-0057 EA 45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45) .....	10,457.10	269.20
22 33 33 00-0058 EA 54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54) .....	10,631.08	269.20
22 33 33 00-0059 EA 60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60) .....	11,204.37	269.20
22 33 33 00-0060 EA 75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75) .....	15,039.93	269.20
22 33 33 00-0061 EA 90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90) .....	18,309.21	269.20
22 33 33 00-0062 EA 12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12) .....	7,033.28	302.85
22 33 33 00-0063 EA 15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15) .....	7,144.20	302.85
22 33 33 00-0064 EA 18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18) .....	7,185.07	302.85
22 33 33 00-0065 EA 24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24) .....	8,843.06	302.85
22 33 33 00-0066 EA 30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30) .....	9,263.40	302.85
22 33 33 00-0067 EA 36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36) .....	9,502.75	302.85
22 33 33 00-0068 EA 45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45) .....	10,892.20	302.85
22 33 33 00-0069 EA 54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54) .....	11,026.47	302.85
22 33 33 00-0070 EA 60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60) .....	11,417.62	302.85
22 33 33 00-0071 EA 75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75) .....	15,212.32	302.85
22 33 33 00-0072 EA 90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90) .....	18,411.54	302.85
22 33 33 00-0073 EA 15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15) .....	7,865.36	336.50
22 33 33 00-0074 EA 18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18) .....	8,028.82	336.50
22 33 33 00-0075 EA 24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24) .....	9,301.51	336.50
22 33 33 00-0076 EA 30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30) .....	9,733.52	336.50
22 33 33 00-0077 EA 36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36) .....	9,943.69	336.50
22 33 33 00-0078 EA 45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45) .....	11,368.16	336.50
22 33 33 00-0079 EA 54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54) .....	11,519.95	336.50
22 33 33 00-0080 EA 60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60) .....	13,393.94	336.50
22 33 33 00-0081 EA 75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75) .....	15,536.49	336.50
22 33 33 00-0082 EA 90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90) .....	18,782.42	336.50
22 33 33 00-0083 EA 15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15) .....	8,718.03	403.80
22 33 33 00-0084 EA 18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18) .....	8,945.71	403.80
22 33 33 00-0085 EA 24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24) .....	9,815.58	403.80
22 33 33 00-0086 EA 30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30) .....	10,247.59	403.80
22 33 33 00-0087 EA 36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36) .....	10,475.27	403.80
22 33 33 00-0088 EA 45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45) .....	11,788.82	403.80
22 33 33 00-0089 EA 54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54) .....	11,923.09	403.80
22 33 33 00-0090 EA 60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60) .....	14,129.86	403.80
22 33 33 00-0091 EA 75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75) .....	16,902.91	403.80
22 33 33 00-0092 EA 90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90) .....	19,203.08	403.80

**22 33 33 00-0093 Removal And Reinstallation Of Water Heater (22 33 33)**

Note: Includes storage and cleaning.

22 33 33 00-0094 EA Remove And Reinstall Water Heater Electric, Up To 82 Gallon .....	224.34	
22 33 33 00-0095 EA Remove And Reinstall Water Heater Electric, 83 Gallon To 200 Gallon.....	673.00	

**22 34 Fuel-Fired Domestic Water Heaters (22 30)****22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34)**

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)

00-0001)

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003 EA 4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN) .....	1,003.54	134.60
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<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Equipment</b>	<b>22 30</b>	
<b>Fuel-Fired Domestic Water Heaters</b>	<b>22 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0004 EA 5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN).....	1,083.84	136.28
22 34 13 00-0005 EA 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN).....	1,188.49	139.65
22 34 13 00-0006 EA 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN).....	1,383.93	143.02
22 34 13 00-0007 EA 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN).....	1,675.02	151.42
22 34 13 00-0008 EA 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN).....	1,709.99	151.42
<b>22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)</b>		
22 34 13 00-0010 EA 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	1,080.48	134.60
22 34 13 00-0011 EA 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	1,675.02	151.42
<b>22 34 30 Residential Gas Domestic Water Heaters (22 34)</b>		
<b>22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 13)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002 EA 30 Gallon, Atmospheric, Gas Domestic Water Heater.....	758.60	129.56
22 34 30 13-0003 EA 40 Gallon, Atmospheric, Gas Domestic Water Heater.....	746.47	132.91
22 34 30 13-0004 EA 50 Gallon, Atmospheric, Gas Domestic Water Heater.....	982.98	136.28
22 34 30 13-0005 EA 65 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,061.93	139.65
22 34 30 13-0006 EA 75 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,157.41	143.02
22 34 30 13-0007 EA 100 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,697.16	151.42
<b>22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 16)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002 EA 40 Gallon, Direct-Vent, Gas Domestic Water Heater.....	1,362.19	132.91
22 34 30 16-0003 EA 50 Gallon, Direct-Vent, Gas Domestic Water Heater.....	1,549.14	136.28
22 34 30 16-0004 EA 75 Gallon, Direct-Vent, Gas Domestic Water Heater.....	2,005.76	139.65
<b>22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 19)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002 EA 40 Gallon, Power-Vent, Gas Domestic Water Heater.....	1,240.47	132.91
22 34 30 19-0003 EA 50 Gallon, Power-Vent, Gas Domestic Water Heater.....	1,291.59	136.28
<b>22 34 36 Commercial Gas Domestic Water Heaters (22 34)</b>		
<b>22 34 36 00-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (22 34 36)</b> Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 00-0002 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120).....	4,624.70	201.90
22 34 36 00-0003 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154).....	5,832.69	235.55
22 34 36 00-0004 EA 180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180).....	6,078.35	269.20
22 34 36 00-0005 EA 199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199).....	6,101.29	269.20
22 34 36 00-0006 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200).....	6,244.44	269.20
22 34 36 00-0007 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A).....	7,760.93	296.12
22 34 36 00-0008 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250).....	6,914.14	302.85
22 34 36 00-0009 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A).....	8,351.11	333.13
22 34 36 00-0010 EA 251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251).....	6,535.63	302.85
22 34 36 00-0011 EA 251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A).....	7,978.22	333.13
22 34 36 00-0012 EA 275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275).....	7,237.42	370.15
22 34 36 00-0013 EA 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A).....	8,722.84	407.17
22 34 36 00-0014 EA 305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305).....	7,364.17	370.15
22 34 36 00-0015 EA 305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A).....	8,773.76	407.17
22 34 36 00-0016 EA 365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365).....	8,245.72	403.80
22 34 36 00-0017 EA 365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A).....	9,685.79	444.18
22 34 36 00-0018 EA 390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400).....	9,983.54	403.80
22 34 36 00-0019 EA 390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A).....	11,555.40	444.18
22 34 36 00-0020 EA 500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500).....	11,197.84	437.45
22 34 36 00-0021 EA 150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151).....	5,563.72	235.55

**22 Plumbing****22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 00-0022 EA 150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A).....	6,711.95	259.10
22 34 36 00-0023 EA 199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201) .....	5,774.40	269.20
22 34 36 00-0024 EA 199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A).....	6,969.50	296.12
22 34 36 00-0025 EA Sidewall Power Vent System For BTR-120 through BTR-200.....	823.92	168.25
22 34 36 00-0026 EA Sidewall Power Vent System For BTR-250 through BTR-500.....	975.32	168.25
<b>22 34 36 00-0027 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) (22 34 36)</b>		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 00-0028 EA 80 MBH Input, 74 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-80) .....	2,898.47	201.90
22 34 36 00-0029 EA 90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100).....	3,357.27	201.90
22 34 36 00-0030 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120) ....	5,014.68	201.90
22 34 36 00-0031 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154) ....	6,165.90	235.55
22 34 36 00-0032 EA 180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180).....	6,399.51	269.20
22 34 36 00-0033 EA 199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199) .....	6,439.66	269.20
22 34 36 00-0034 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200) .....	6,588.77	269.20
22 34 36 00-0035 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A) .....	7,755.20	296.12
22 34 36 00-0036 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250) .....	7,275.45	302.85
22 34 36 00-0037 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A) .....	8,970.49	333.13
22 34 36 00-0038 EA 275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275) .....	7,610.77	370.15
22 34 36 00-0039 EA 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A) .....	9,336.48	407.17
22 34 36 00-0040 EA 310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310) ....	7,786.26	370.15
22 34 36 00-0041 EA 310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A) .....	9,439.71	407.17
22 34 36 00-0042 EA 366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366) ....	8,750.52	403.80
22 34 36 00-0043 EA 366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A) .....	10,268.47	444.18
22 34 36 00-0044 EA 390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400) ...	10,677.48	403.80
22 34 36 00-0045 EA 390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A) .....	12,237.87	444.18
<b>22 34 36 00-0046 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) (22 34 36)</b>		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 00-0047 EA 76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80) .....	2,628.92	201.90
22 34 36 00-0048 EA 100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100) .....	3,615.34	201.90
22 34 36 00-0049 EA 120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120) .....	5,112.18	201.90
22 34 36 00-0050 EA 120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A) .....	6,483.08	222.09
22 34 36 00-0051 EA 150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150) .....	6,882.77	235.55
22 34 36 00-0052 EA 150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A) .....	8,409.51	259.10
22 34 36 00-0053 EA 199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199) .....	7,102.62	269.20
22 34 36 00-0054 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A) .....	8,649.86	296.12
22 34 36 00-0055 EA 250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250) .....	8,032.47	302.85
22 34 36 00-0056 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A) .....	9,492.38	333.13
22 34 36 00-0057 EA 300 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A) .....	11,934.44	407.17
22 34 36 00-0058 EA 399.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A) .....	13,688.82	444.18
22 34 36 00-0059 EA 499.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A) .....	15,781.57	481.19
<b>22 34 36 00-0060 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters (22 34 36)</b>		
22 34 36 00-0061 EA 1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	24,950.75	805.01
22 34 36 00-0062 EA 1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	35,414.75	889.75
22 34 36 00-0063 EA 2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	38,451.60	932.11
22 34 36 00-0064 EA 2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	41,642.24	1,016.85



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Equipment</b>	<b>22 30</b>	
<b>Fuel-Fired Domestic Water Heaters</b>	<b>22 34</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 34 36 00-0065</b> Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0066 EA 1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) .....	22,063.26	805.01
22 34 36 00-0067 EA 1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) .....	24,373.85	889.75
22 34 36 00-0068 EA 2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) .....	26,674.21	932.11
22 34 36 00-0069 EA 2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos) .....	28,978.17	1,016.85
<b>22 34 36 00-0070</b> Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0071 EA 200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	5,544.71	381.32
22 34 36 00-0072 EA 300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	6,097.11	423.69
22 34 36 00-0073 EA 400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	7,153.34	508.43
22 34 36 00-0074 EA 500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	10,217.64	529.61
22 34 36 00-0075 EA 750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	11,221.02	635.53
22 34 36 00-0076 EA 1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	13,853.22	762.64
22 34 36 00-0077 EA 1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	15,790.30	805.01
22 34 36 00-0078 EA 1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	17,518.83	868.56
22 34 36 00-0079 EA 1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	19,148.93	910.93
22 34 36 00-0080 EA 2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant) .....	20,583.44	932.11
<b>22 34 36 00-0081</b> Patterson Kelly Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0082 EA 700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	18,559.53	635.53
22 34 36 00-0083 EA 1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	20,388.98	762.64
22 34 36 00-0084 EA 1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	27,373.82	868.56
22 34 36 00-0085 EA 1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	28,189.01	910.93
22 34 36 00-0086 EA 2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	29,524.15	932.11
<b>22 34 36 00-0087</b> Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0088 EA 1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire) .....	23,574.60	762.64
22 34 36 00-0089 EA 1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire) .....	28,555.31	868.56
22 34 36 00-0090 EA 2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire) .....	30,295.98	932.11
<b>22 34 36 00-0091</b> Removal And Reinstallation Of Water Heater <small>(22 34 36)</small>		
Note: Includes storage and cleaning.		
22 34 36 00-0092 EA Remove And Reinstall Water Heater Gas Fired, Up To 86 Gallon .....	305.91	
22 34 36 00-0093 EA Remove And Reinstall Water Heater Gas Fired, 87 Gallon To 200 Gallon.....	808.89	
<b>22 34 46 Oil-Fired Domestic Water Heaters <small>(22 34)</small></b>		
<b>22 34 46 00-0001</b> Oil-Fired Domestic Water Heaters (Bock) <small>(22 34 46)</small>		
Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 00-0002 EA 60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E) .....	1,599.59	129.56
22 34 46 00-0003 EA 104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E) .....	1,576.04	129.56
22 34 46 00-0004 EA 104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES).....	1,694.47	129.56
22 34 46 00-0005 EA 125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E).....	1,748.58	132.91
22 34 46 00-0006 EA 140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES).....	2,220.04	136.28
22 34 46 00-0007 EA 152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E).....	1,887.92	136.28
<b>22 34 46 00-0008</b> Oil Fired Commercial Water Heaters <small>(22 34 46)</small>		
Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 00-0009 EA 173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Boch 71E).....	2,601.77	201.90
22 34 46 00-0010 EA 199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 72E).....	2,933.20	201.90
22 34 46 00-0011 EA 242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 73E).....	3,113.19	201.90
22 34 46 00-0012 EA 190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E).....	4,507.76	269.20
22 34 46 00-0013 EA 277 MBH, 109 Gallon, Oil-Fired Commercial Water Heater (Bock 241E).....	5,195.57	302.85
22 34 46 00-0014 EA 415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E).....	6,219.68	336.50
22 34 46 00-0015 EA 623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E).....	7,887.98	370.15
<b>22 35 Domestic Water Heat Exchangers <small>(22 30)</small></b>		
<b>22 35 23 Circulating, Domestic Water heat Exchangers <small>(22 35)</small></b>		
<b>22 35 23 00-0001</b> Steam Driven Water Heaters <small>(22 35 23)</small>		

**22 Plumbing****22 30 Plumbing Equipment****22 35 Domestic Water Heat Exchangers**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 35 23 00-0002 Constant Flow</b> <small>(22 35 23 00-0001)</small>		
22 35 23 00-0003 EA 30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow .....	4,091.97	336.50
22 35 23 00-0004 EA 90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow .....	5,112.32	412.35
22 35 23 00-0005 EA 140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow .....	6,548.88	539.27
22 35 23 00-0006 EA 230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow .....	8,857.63	751.13
22 35 23 00-0007 EA 500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow .....	13,045.34	1,237.11
22 35 23 00-0008 EA 900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow .....	14,206.90	1,402.06
22 35 23 00-0009 EA 1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow .....	18,685.63	1,617.76
22 35 23 00-0010 EA 2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow .....	22,489.59	1,911.93
<b>22 35 23 00-0011 Variable Flow</b> <small>(22 35 23 00-0001)</small>		
22 35 23 00-0012 EA 30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow .....	6,135.92	656.18
22 35 23 00-0013 EA 90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow .....	6,943.36	801.21
22 35 23 00-0014 EA 140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow .....	8,854.54	1,036.01
22 35 23 00-0015 EA 230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow .....	11,595.41	1,445.47
22 35 23 00-0016 EA 500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow .....	17,253.95	2,417.42
22 35 23 00-0017 EA 900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow .....	21,051.63	2,662.18
22 35 23 00-0018 EA 1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow .....	24,379.74	3,115.72
22 35 23 00-0019 EA 2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow .....	30,915.45	3,722.36
<b>22 40 Plumbing Fixtures</b> <small>(22)</small>		
Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.		
<b>22 41 Residential Plumbing Fixtures</b> <small>(22 40)</small>		
<b>22 41 39 Residential Faucets, Supplies, And Trim</b> <small>(22 41)</small>		
<b>22 41 39 00-0001 Kitchen Faucets</b> <small>(22 41 39)</small>		
22 41 39 00-0002 EA Chrome Single Handle Kitchen Faucet (Delta 100WF) .....	116.06	30.98
22 41 39 00-0003 EA Chrome Single Handle Kitchen Faucet With Spray (Delta 400WF) .....	134.02	30.98
22 41 39 00-0004 EA Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300WF) .....	134.02	30.98
22 41 39 00-0005 EA Chrome Two Handle Kitchen Faucet, Three Hole Installation 8" Center (Delta 2102-LHP+H215) .....	129.06	30.98
22 41 39 00-0006 EA Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402-LHP+H215) .....	138.71	30.98
<b>22 41 39 00-0007 Lavatory Faucets</b> <small>(22 41 39)</small>		
22 41 39 00-0008 EA Chrome Single Acrylic Handle Bath Faucet (Delta 502WF) .....	105.96	22.30
For Faucet With Brass Pop-Up, Add .....	11.00	
22 41 39 00-0009 EA Chrome Single Lever Handle Bath Faucet (Delta 500WF) .....	105.96	22.30
For Faucet With Brass Pop-Up, Add .....	11.00	
22 41 39 00-0010 EA Chrome Two Handle Bath Faucet With Acrylic Handles (Delta 2502) .....	76.42	22.30
For Faucet With Brass Pop-Up, Add .....	16.50	
For Faucet With Plastic Pop-Up, Add .....	14.00	
<b>22 41 39 00-0011 Bath And Shower Faucets</b> <small>(22 41 39)</small>		
22 41 39 00-0012 EA Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501) .....	137.92	26.89
For Faucet With Polished Nickel Or Brass Finish, Add .....	25.00	
22 41 39 00-0013 EA Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502) .....	162.49	26.89
For Faucet With Polished Nickel Or Brass Finish, Add .....	25.00	
22 41 39 00-0014 EA Two-Knob Handle Chrome Shower Only, Ceramic Valving (American Standard 3275.301) .....	112.09	26.89
For Faucet With Polished Nickel Or Brass Finish, Add .....	14.00	
For Faucet With Lever Handles, Add .....	17.75	
22 41 39 00-0015 EA Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3275.302) .....	127.21	26.89
For Faucet With Polished Nickel Or Brass Finish, Add .....	14.00	
For Faucet With Lever Handles, Add .....	17.75	
22 41 39 00-0016 EA Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3375.302) .....	140.44	26.89
For Faucet With Polished Nickel Or Brass Finish, Add .....	14.00	
For Faucet With Lever Handles, Add .....	17.75	
22 41 39 00-0017 EA Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602) .....	156.50	16.83
<b>22 41 39 00-0018 Laundry Faucets</b> <small>(22 41 39)</small>		
22 41 39 00-0019 EA Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123) .....	91.30	19.78
<b>22 41 39 00-0020 Laundry/Wash Basin Faucets</b> <small>(22 41 39)</small>		
22 41 39 00-0021 EA Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121) .....	92.04	19.78
22 41 39 00-0022 EA Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121+RP25695) .....	131.49	21.81
<b>22 41 39 00-0023 Other Faucets</b> <small>(22 41 39)</small>		





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Residential Plumbing Fixtures</b>	<b>22 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 39 00-0024 EA Sillcock, Compact, Brass, IPS Or Copper To Hose .....	19.79	5.05
<b>22 42 Commercial Plumbing Fixtures</b> <small>(22 40)</small>		
<small>Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.</small>		
<b>22 42 13 Commercial Water Closets, Urinals, And Bidets</b> <small>(22 42)</small>		
<b>22 42 13 00-0001 Vitreous China Water Closets</b> <small>(22 42 13)</small>		
<small>Note: With a 2" ball pass.</small>		
<b>22 42 13 00-0002 Floor Mounted Elongated Vitreous China Water Closets</b> <small>(22 42 13 00-0001)</small>		
<small>Note: Includes wax seal and toilet seat. Excludes flush valve.</small>		
22 42 13 00-0003 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™) .....	439.00	64.44
22 42 13 00-0004 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado) .....	433.02	64.44
22 42 13 00-0005 EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®) .....	554.67	64.44
22 42 13 00-0006 EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™) .....	765.41	64.44
22 42 13 00-0007 EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™) .....	667.68	64.44
22 42 13 00-0008 EA 1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E) .....	473.12	64.44
<b>22 42 13 00-0009 Wall Hung Elongated Vitreous China Water Closets</b> <small>(22 42 13 00-0001)</small>		
<small>Note: Includes wax seal and toilet seat. Excludes flush valve.</small>		
22 42 13 00-0010 EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Aftwall®) .....	499.24	79.31
22 42 13 00-0011 EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Aftwall® ADA Retrofit) .....	666.10	79.31
22 42 13 00-0012 EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™) .....	894.79	79.31
22 42 13 00-0013 EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV) .....	574.82	79.31
22 42 13 00-0014 EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL) .....	455.75	79.31
22 42 13 00-0015 EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2059-A) .....	488.00	79.31
<b>22 42 13 00-0016 Floor Mounted Elongated Handicapped Water Closets</b> <small>(22 42 13 00-0001)</small>		
<small>Note: Includes wax seal and toilet seat. Excludes flush valve.</small>		
22 42 13 00-0017 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA) .....	447.20	64.44
22 42 13 00-0018 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®) .....	461.82	64.44
22 42 13 00-0019 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®) .....	526.31	64.44
22 42 13 00-0020 EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron) .....	606.08	64.44
22 42 13 00-0021 EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA) .....	602.76	64.44
22 42 13 00-0022 EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA) .....	857.37	64.44
22 42 13 00-0023 EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA) .....	697.82	64.44
22 42 13 00-0024 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN) .....	512.88	64.44
<b>22 42 13 00-0025 Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets</b> <small>(22 42 13 00-0001)</small>		
<small>Note: Includes wax seal and toilet seat. Excludes flush valve.</small>		
22 42 13 00-0026 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™) .....	479.36	64.44
22 42 13 00-0027 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) .....	454.50	64.44
22 42 13 00-0028 EA 2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) .....	558.22	64.44
<b>22 42 13 00-0029 Water Closet Flush Valves</b> <small>(22 42 13 00-0001)</small>		
22 42 13 00-0030 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-115) .....	167.41	21.12
22 42 13 00-0031 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6) .....	162.30	21.12
22 42 13 00-0032 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111) .....	188.24	21.12
22 42 13 00-0033 EA Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Royal-140) .....	259.69	21.12
22 42 13 00-0034 EA Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Royal-142) .....	288.94	21.12
22 42 13 00-0035 EA Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S) .....	529.11	21.12
22 42 13 00-0036 EA Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S) .....	529.68	21.12

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0037 EA Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	559.19	21.12
22 42 13 00-0038 EA Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	519.57	21.12
22 42 13 00-0039 EA Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115).....	229.85	12.39
Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 13 00-0040 EA Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	463.27	21.12
22 42 13 00-0041 EA Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89AM).....	256.90	21.12
22 42 13 00-0042 EA Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	225.27	21.12
22 42 13 00-0043 EA Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A).....	227.36	18.59
22 42 13 00-0044 EA Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X).....	247.24	18.59
22 42 13 00-0045 EA Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN).....	536.74	21.12
22 42 13 00-0046 EA Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32).....	588.17	21.12
22 42 13 00-0047 EA Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31).....	748.25	21.12
22 42 13 00-0048 EA Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32).....	748.25	21.12
22 42 13 00-0049 EA Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS).....	485.74	21.12
22 42 13 00-0050 EA Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV).....	481.41	21.12
22 42 13 00-0051 EA Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A).....	238.59	18.59
22 42 13 00-0052 EA 6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451).....	74.32	3.45
22 42 13 00-0053 EA Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28).....	487.56	21.12
<b>22 42 13 00-0054 Vitreous China Urinals (22 42 13)</b>		
Note: Excludes flush valve unless indicated otherwise.		
<b>22 42 13 00-0055 Wall Hung Urinals (22 42 13 00-0054)</b>		
22 42 13 00-0056 EA Washout, Wall Hung, Vitreous China Urinal (American Standard Maybrook™).....	395.29	66.30
22 42 13 00-0057 EA Washout, Wall Hung, Vitreous China Urinal (American Standard Decorum™).....	416.56	66.30
22 42 13 00-0058 EA Washout, Wall Hung, Vitreous China Urinal With Top Spud (American Standard Washbrook®).....	517.61	66.30
22 42 13 00-0059 EA Blowout, Wall Hung, Vitreous China Urinal (American Standard Lynbrook™).....	580.76	66.30
22 42 13 00-0060 EA Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™).....	515.61	66.30
22 42 13 00-0061 EA Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Allbrook™).....	412.18	66.30
22 42 13 00-0062 EA Washout, Wall Hung, Vitreous China Urinal (Toto® UT447E Or UT447EV).....	533.59	66.30
22 42 13 00-0063 EA Washout, Wall Hung, Vitreous China Urinal (Toto® UT104E Or UT104EV).....	434.73	66.30
<b>22 42 13 00-0064 Floor Mounted Urinals (22 42 13 00-0054)</b>		
22 42 13 00-0065 EA Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™).....	744.68	83.65
<b>22 42 13 00-0066 Urinal Flush Valves (22 42 13 00-0054)</b>		
22 42 13 00-0067 EA Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186 XL).....	156.35	21.12
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 13 00-0068 EA Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180).....	168.84	21.12
Note: 1.0, 1.5 or 3.5 GPF.		
22 42 13 00-0069 EA Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195).....	228.49	21.12
Note: 1.0 or 1.5 GPF.		
22 42 13 00-0070 EA Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197).....	277.63	21.12
Note: 1.0 or 1.5 GPF.		
22 42 13 00-0071 EA Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S).....	439.61	21.12
Note: 1.0 or 1.5 GPF.		
22 42 13 00-0072 EA Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-WB-ES-S).....	592.52	21.12
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 13 00-0073 EA Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-WB-ES-S).....	665.35	21.12
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 13 00-0074 EA Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1).....	432.30	21.12
Note: 1.0 GPF.		
22 42 13 00-0075 EA Exposed Infrared Urinal Flush Valve (Toto EcoPower TEU1LN).....	536.74	21.12
Note: 0.5 GPF.		
22 42 13 00-0076 EA Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12).....	584.85	21.12
Note: 0.5 GPF.		
22 42 13 00-0077 EA Concealed Infrared Urinal Flush Valve, 0.5 GPF (Toto EcoPower TEU2LN21 Or TEU3LN21).....	922.72	21.12
Note: 0.5 GPF.		
22 42 13 00-0078 EA Exposed Solar/Battery Powered Urinal Flush Valve, Top Spud (Sloan Solis 8186-0.13).....	456.59	21.12
Note: 0.13 GPF.		
<b>22 42 13 00-0079 Waterfree Urinals (22 42 13 00-0054)</b>		
22 42 13 00-0080 EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Small FloWise® Flush-Free).....	428.79	46.47
For >1, Deduct		
		-31.22
For Colored Fixtures, Add		
		66.90
22 42 13 00-0081 EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Medium FloWise® Flush-Free).....	491.28	46.47
For >1, Deduct		
		-38.35
For Colored Fixtures, Add		
		66.90
22 42 13 00-0082 EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free).....	522.53	46.47
For >1, Deduct		
		-41.91
For Colored Fixtures, Add		
		66.90
22 42 13 00-0083 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-1000).....	591.32	46.47
For >1, Deduct		
		-49.75
For Colored Fixtures, Add		
		66.90



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Commercial Plumbing Fixtures</b>	<b>22 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0084 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000) ..... 543.36 46.47 <i>For &gt;1, Deduct -44.28</i> <i>For Colored Fixtures, Add 66.90</i>		
22 42 13 00-0085 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000) ..... 421.98 46.47 <i>For &gt;1, Deduct -30.45</i> <i>For Colored Fixtures, Add 66.90</i>		
22 42 13 00-0086 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000) ..... 421.98 46.47 <i>For &gt;1, Deduct -30.45</i> <i>For Colored Fixtures, Add 66.90</i>		
22 42 13 00-0087 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000) ..... 517.32 46.47 <i>For &gt;1, Deduct -41.32</i> <i>For Colored Fixtures, Add 66.90</i>		
22 42 13 00-0088 EA Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000) ..... 772.23 46.47 <i>For &gt;1, Deduct -70.38</i>		
<b>22 42 13 00-0089 Removal And Reinstallation Of Fixtures And Trim (22 42 13)</b> Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 00-0090 EA Remove And Reinstall Wall Hung Water Closet With Tank ..... 283.65		
22 42 13 00-0091 EA Remove And Reinstall Wall Hung Water Closet With Flush Valve ..... 283.65		
22 42 13 00-0092 EA Remove And Reinstall Floor Mount Water Closet With Tank ..... 218.25		
22 42 13 00-0093 EA Remove And Reinstall Floor Mount Water Closet With Flush Valve ..... 218.25		
22 42 13 00-0094 EA Remove And Reinstall Wall Hung Urinal With Flush Valve ..... 282.26		
<b>22 42 13 00-0095 Stainless Steel Water Closets (22 42 13)</b>		
22 42 13 00-0096 EA Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS) ..... 2,445.82 139.41		
22 42 13 00-0097 EA Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS) ..... 2,580.12 139.41		
<b>22 42 13 00-0098 Stainless Steel Urinals (22 42 13)</b>		
22 42 13 00-0099 EA Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1) ..... 2,521.36 139.41		
22 42 13 00-0100 EA 5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C) ..... 3,273.04 170.39		
<b>22 42 13 00-0101 Fixture Carriers (22 42 13)</b>		
<b>22 42 13 00-0102 Water Closet Carriers (22 42 13 00-0101)</b>		
<b>22 42 13 00-0103 Pipe Grip Adaptor Type, Water Closet Carriers (22 42 13 00-0102)</b> Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 00-0104 EA Pipe Grip Adaptor Type, Water Closet Carrier ..... 343.82 32.72		
<b>22 42 13 00-0105 No-Hub, Water Closet Carriers (22 42 13 00-0102)</b> Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 00-0106 EA Vertical Close With Offset, No-Hub, Single Water Closet Carrier ..... 534.67 32.72 <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct -46.82</i> <i>For Positioning Frame, Add 30.13</i> <i>For Supply Pipe Support, Add 30.83</i> <i>For Vandal Proof Trim, Add 39.85</i> <i>For Auxiliary Inlet, Add 130.99</i> <i>For Special Duty 500 LB Carrier, Add 222.31</i>		
22 42 13 00-0107 EA Vertical Close On Stack, No-Hub, Single Water Closet Carrier ..... 534.67 32.72 <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct -46.82</i> <i>For Positioning Frame, Add 30.13</i> <i>For Supply Pipe Support, Add 30.83</i> <i>For Vandal Proof Trim, Add 39.85</i> <i>For Auxiliary Inlet, Add 130.99</i> <i>For Special Duty 500 LB Carrier, Add 222.31</i>		
22 42 13 00-0108 EA Horizontal Adjustable, No-Hub, Single Water Closet Carrier ..... 584.31 32.72 <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct -46.82</i> <i>For Positioning Frame, Add 30.13</i> <i>For Supply Pipe Support, Add 30.83</i> <i>For Vandal Proof Trim, Add 39.85</i> <i>For Auxiliary Inlet, Add 130.99</i> <i>For Horizontal No Hub Cast Long Barrel, Add 135.05</i> <i>For Carrier For Wide Chase Installations, Add 177.25</i> <i>For Special Duty 1,000 LB Carrier, Add 222.32</i>		
22 42 13 00-0109 EA Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier ..... 647.93 32.72 <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct -46.82</i> <i>For Positioning Frame, Add 30.13</i> <i>For Supply Pipe Support, Add 30.83</i> <i>For Vandal Proof Trim, Add 39.85</i> <i>For 4" Branch, Add 103.59</i> <i>For Auxiliary Inlet, Add 130.99</i> <i>For Carrier For Wide Chase Installations, Add 177.25</i> <i>For Double 4" Branches, Add 207.89</i> <i>For Special Duty 1,000 LB Carrier, Add 222.32</i>		

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0110 EA Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier.....	890.85	48.02
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-93.67	
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For Auxiliary Inlet, Add	140.28	
For Special Duty 500 LB Carrier, Add	444.62	
22 42 13 00-0111 EA Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier.....	916.02	48.02
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-93.67	
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For Auxiliary Inlet, Add	140.28	
For Special Duty 500 LB Carrier, Add	444.62	
22 42 13 00-0112 EA Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier.....	1,116.66	48.02
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-93.67	
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For 4" Branch, Add	108.24	
For Auxiliary Inlet, Add	140.28	
For Double 4" Branches, Add	217.18	
For Carrier For Wide Chase Installations, Add	382.40	
For Special Duty 1,000 LB Carrier, Add	444.63	
22 42 13 00-0113 EA Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier.....	1,050.94	48.02
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-93.67	
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For Horizontal No Hub Cast Long Barrel, Add	139.70	
For Carrier For Wide Chase Installations, Add	382.40	
For Special Duty 1,000 LB Carrier, Add	444.63	
<b>22 42 13 00-0114 Hub And Spigot, Water Closet Carriers</b> (22 42 13 00-0102)		
Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 00-0115 EA Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier.....	534.67	32.72
For Positioning Frame, Add	30.13	
For Supply Pipe Support, Add	30.83	
For Vandal Proof Trim, Add	39.85	
For Hanger Type Closet Adapter, Add	99.97	
For Auxiliary Inlet, Add	130.99	
22 42 13 00-0116 EA Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier.....	534.67	32.72
For Positioning Frame, Add	30.13	
For Supply Pipe Support, Add	30.83	
For Vandal Proof Trim, Add	39.85	
For Auxiliary Inlet, Add	130.99	
For Special Duty 500 LB Carrier, Add	222.31	
22 42 13 00-0117 EA Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier.....	671.69	32.72
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-46.82	
For Positioning Frame, Add	30.13	
For Supply Pipe Support, Add	30.83	
For Vandal Proof Trim, Add	39.85	
For 4" Branch, Add	103.59	
For Auxiliary Inlet, Add	130.99	
For Carrier For Wide Chase Installations, Add	177.25	
For Double 4" Branches, Add	207.89	
For Special Duty 1,000 LB Carrier, Add	222.32	
22 42 13 00-0118 EA Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	890.85	48.02
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For Auxiliary Inlet, Add	140.28	
For Hanger Type Closet Adapter, Add	199.94	
22 42 13 00-0119 EA Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	1,140.43	48.02
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-93.67	
For Positioning Frame, Add	64.90	
For Supply Pipe Support, Add	66.30	
For Vandal Proof Trim, Add	79.71	
For 4" Branch, Add	108.24	
For Auxiliary Inlet, Add	140.28	
For Double 4" Branches, Add	217.18	
For Carrier For Wide Chase Installations, Add	382.40	
For Special Duty 1,000 LB Carrier, Add	444.63	
<b>22 42 13 00-0120 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers</b>		
(22 42 13 00-0102)		
Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 00-0121 EA Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier.....	412.33	32.72
For Positioning Frame, Add	30.13	
For Supply Pipe Support, Add	30.83	
For Vandal Proof Trim, Add	39.85	
For Hanger Type Closet Adapter, Add	99.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 42 13 00-0122 Institutional Water Closet Carriers</b> (22 42 13 00-0102) Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 00-0123 EA Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier .....	1,464.82	48.02
<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-93.67	
<i>For Positioning Frame, Add</i>	64.90	
<i>For Supply Pipe Support, Add</i>	66.30	
<i>For Vandal Proof Trim, Add</i>	79.71	
<i>For Auxiliary Inlet, Add</i>	140.28	
<b>22 42 13 00-0124 Urinal Carriers</b> (22 42 13 00-0101)		
<b>22 42 13 00-0125 Floor Mounted, Urinal Carriers</b> (22 42 13 00-0124) Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 00-0126 EA Floor Mounted Hanger Plate Type, Single Urinal Carrier .....	300.49	23.55
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	14.68	
22 42 13 00-0127 EA Floor Mounted Bearing Plate Type, Single Urinal Carrier .....	327.05	23.55
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	14.68	
<b>22 42 13 00-0128 Wall Mounted, Urinal Carriers</b> (22 42 13 00-0124) Note: Includes wall plate and adjustable supporting rods.		
22 42 13 00-0129 EA Wall Mounted Hanger Plate Type, Single Urinal Carrier .....	134.80	23.55
<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	14.68	
<b>22 42 16 Commercial Lavatories And Sinks</b> (22 42)		
<b>22 42 16 00-0001 Lavatories</b> (22 42 16) Note: Includes trap, drain and supply valves. Excludes faucets.		
<b>22 42 16 00-0002 Wall Hung Lavatories</b> (22 42 16 00-0001)		
22 42 16 00-0003 EA 19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™) .....	405.67	41.51
22 42 16 00-0004 EA 20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™) .....	428.28	41.51
22 42 16 00-0005 EA 22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™) .....	570.99	41.51
22 42 16 00-0006 EA 18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™) .....	364.46	41.51
22 42 16 00-0007 EA 19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™) .....	301.30	41.51
22 42 16 00-0008 EA 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™) .....	375.09	41.51
22 42 16 00-0009 EA 20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®) .....	405.30	41.51
22 42 16 00-0010 EA 27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users) .....	494.09	41.51
<b>22 42 16 00-0011 Countertop Lavatories</b> (22 42 16 00-0001)		
22 42 16 00-0012 EA 21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval) .....	350.57	50.19
22 42 16 00-0013 EA 19" Diameter Enameled Steel Countertop Lavatory (American Standard Colony Round™) .....	319.32	50.19
22 42 16 00-0014 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™) .....	373.04	50.19
22 42 16 00-0015 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™) .....	397.05	50.19
22 42 16 00-0016 EA 24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®) .....	526.52	54.21
<b>22 42 16 00-0017 Pedestal Lavatories</b> (22 42 16 00-0001)		
22 42 16 00-0018 EA 19" x 21" x 34" High Vitreous China Pedestal Sink (American Standard Colony™) .....	370.61	119.27
<b>22 42 16 00-0019 Pre-Molded Culture Marble Lavatory Vanity</b> (22 42 16 00-0001) Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
22 42 16 00-0020 EA 17" x 20" Pre-Molded Culture Marble Vanity Top With Lavatory .....	171.81	38.73
<i>For Colored Fixtures, Add</i>	27.36	
22 42 16 00-0021 EA 18" x 24" Pre-Molded Culture Marble Vanity Top With Lavatory .....	210.20	46.47
<i>For Colored Fixtures, Add</i>	34.01	
22 42 16 00-0022 EA 18" x 30" Pre-Molded Culture Marble Vanity Top With Lavatory .....	231.29	49.57
<i>For Colored Fixtures, Add</i>	38.33	
22 42 16 00-0023 EA 18" x 36" Pre-Molded Culture Marble Vanity Top With Lavatory .....	248.96	52.67
<i>For Colored Fixtures, Add</i>	41.66	
22 42 16 00-0024 EA 19" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory .....	215.93	46.47
<i>For Colored Fixtures, Add</i>	35.67	
22 42 16 00-0025 EA 19" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory .....	234.72	49.57
<i>For Colored Fixtures, Add</i>	39.33	
22 42 16 00-0026 EA 19" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory .....	251.24	52.67
<i>For Colored Fixtures, Add</i>	42.32	
22 42 16 00-0027 EA 19" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory .....	282.99	54.21
<i>For Colored Fixtures, Add</i>	50.63	
22 42 16 00-0028 EA 19" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory .....	309.04	55.77
<i>For Colored Fixtures, Add</i>	57.28	
22 42 16 00-0029 EA 22" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory .....	238.86	46.47
<i>For Colored Fixtures, Add</i>	42.32	
22 42 16 00-0030 EA 22" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory .....	273.69	49.57
<i>For Colored Fixtures, Add</i>	50.63	
22 42 16 00-0031 EA 22" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory .....	291.35	52.67
<i>For Colored Fixtures, Add</i>	53.95	

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0032	EA		22" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory.....	312.79	54.21
			<i>For Colored Fixtures, Add</i>	59.27	
22 42 16 00-0033	EA		22" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory.....	331.96	55.77
			<i>For Colored Fixtures, Add</i>	63.93	
22 42 16 00-0034	EA		22" x 55" Pre-Molded Culture Marble Vanity Top With Lavatory.....	356.49	58.86
			<i>For Colored Fixtures, Add</i>	69.25	
<b>22 42 16 00-0035</b>			<b>Solid Surface Multi-Station Lavatory Systems</b> (22 42 16 00-0001)		
			Note: ADA compliant. Includes integral faucets.		
22 42 16 00-0036	EA		2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2).....	3,399.37	81.38
			<i>For Integral Photovoltaic Power Panels, Add</i>	563.00	
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
22 42 16 00-0037	EA		3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3).....	4,988.09	81.38
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i>	657.00	
22 42 16 00-0038	EA		12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12).....	229.18	27.13
22 42 16 00-0039	EA		18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18).....	284.49	27.13
22 42 16 00-0040	EA		36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36).....	566.17	27.13
<b>22 42 16 00-0041</b>			<b>Stainless Steel Lavatories</b> (22 42 16 00-0001)		
22 42 16 00-0042	EA		18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1).....	1,264.27	108.43
22 42 16 00-0043	EA		27" Diameter 2 Person Wash Fountain, Stainless Steel, Sensor Operated.....	2,351.86	170.39
<b>22 42 16 00-0044</b>			<b>Sinks</b> (22 42 16)		
			Note: Includes drain, trap and supply valves. Excludes faucets.		
<b>22 42 16 00-0045</b>			<b>Kitchen Sinks</b> (22 42 16 00-0044)		
22 42 16 00-0046	EA		25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®).....	504.94	58.24
22 42 16 00-0047	EA		22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®).....	695.26	66.30
22 42 16 00-0048	EA		15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517).....	630.57	57.01
			<i>For 18 Gauge, Add</i>	199.11	
22 42 16 00-0049	EA		17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722).....	649.31	57.01
			<i>For 18 Gauge, Add</i>	208.48	
22 42 16 00-0050	EA		22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222).....	691.49	57.01
			<i>For 18 Gauge, Add</i>	229.57	
22 42 16 00-0051	EA		25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522).....	727.04	58.24
			<i>For 18 Gauge, Add</i>	243.63	
22 42 16 00-0052	EA		31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122).....	935.04	66.30
			<i>For 18 Gauge, Add</i>	335.80	
22 42 16 00-0053	EA		33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321).....	957.57	66.30
			<i>For 18 Gauge, Add</i>	346.96	
22 42 16 00-0054	EA		15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710).....	934.41	57.01
22 42 16 00-0055	EA		17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210).....	955.50	57.01
22 42 16 00-0056	EA		22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210).....	1,008.62	57.01
22 42 16 00-0057	EA		25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210).....	1,077.75	58.24
22 42 16 00-0058	EA		31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210).....	1,317.00	66.30
<b>22 42 16 00-0059</b>			<b>Undermount Kitchen Sinks</b> (22 42 16 00-0044)		
22 42 16 00-0060	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	821.87	57.01
22 42 16 00-0061	EA		21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	819.59	57.01
22 42 16 00-0062	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99).....	829.68	57.01
22 42 16 00-0063	EA		21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99).....	882.80	57.01
<b>22 42 16 00-0064</b>			<b>Laundry Sinks</b> (22 42 16 00-0044)		
22 42 16 00-0065	EA		23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	438.17	66.30
22 42 16 00-0066	EA		40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	533.23	66.30
22 42 16 00-0067	EA		22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	436.51	66.30
22 42 16 00-0068	EA		24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	772.49	66.30
22 42 16 00-0069	EA		48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,168.44	74.35
<b>22 42 16 00-0070</b>			<b>Refinish Sink/Lavatory</b> (22 42 16 00-0044)		
22 42 16 00-0071	EA		Refinish Sink/Lavatory.....	153.35	
<b>22 42 16 00-0072</b>			<b>Service Sinks</b> (22 42 16 00-0044)		
22 42 16 00-0073	EA		22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™).....	801.70	99.76
22 42 16 00-0074	EA		24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™).....	853.55	99.76



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Commercial Plumbing Fixtures</b>	<b>22 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0075 EA 28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™).....	1,087.49	131.97
22 42 16 00-0076 EA 12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F) .....	406.20	92.94
22 42 16 00-0077 EA 24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424) .....	488.98	92.94
22 42 16 00-0078 EA 36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624) .....	530.82	111.53
22 42 16 00-0079 EA 24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010) .....	446.91	92.94
22 42 16 00-0080 EA 36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010) .....	502.15	111.53
22 42 16 00-0081 EA 24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24).....	515.27	92.94
22 42 16 00-0082 EA 36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624).....	635.41	111.53
<b>22 42 16 00-0083 Stainless Steel Sink And Drainboard</b> (22 42 16 00-0044)		
22 42 16 00-0084 EA 24" x 24" Stainless Steel Sink With One Compartment And Drainboard , 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L) .....	2,536.00	154.90
<b>22 42 16 00-0085 Soapstone Sinks</b> (22 42 16 00-0044)		
22 42 16 00-0086 EA 26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink .....	900.57	57.01
22 42 16 00-0087 SF Soapstone Sink Backsplash .....	149.00	
22 42 16 00-0088 EA 30" x 18-1/2" x 10" Single Bowl Soapstone Sink.....	1,168.81	66.30
22 42 16 00-0089 EA 36" x 18-1/2" x 10" Double Bowl Soapstone Sink .....	1,396.90	66.30
<b>22 42 16 00-0090 Fixture Carriers</b> (22 42 16)		
<b>22 42 16 00-0091 Lavatory Carriers</b> (22 42 16 00-0090)		
<b>22 42 16 00-0092 Floor Mounted, Lavatory Carriers</b> (22 42 16 00-0091)		
<b>22 42 16 00-0093 Floor Mounted Plate Type, Lavatory Carriers</b> (22 42 16 00-0092)		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 00-0094 EA Floor Mounted Hanger Plate Type, Single Lavatory Carrier .....	300.49	23.55
For Up To 4" Extension Sleeves And Hardware, Add	14.68	
For Valve Plate For Attaching To Upright, Add	51.93	
For Corner Carrier, Add	101.07	
22 42 16 00-0095 EA Floor Mounted Bearing Plate Type, Single Lavatory Carrier.....	327.05	23.55
For Up To 4" Extension Sleeves And Hardware, Add	14.68	
For Valve Plate For Attaching To Upright, Add	51.93	
22 42 16 00-0096 EA Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier .....	373.89	23.55
For Up To 4" Extension Sleeves And Hardware, Add	29.36	
For Valve Plate For Attaching To Upright, Add	103.86	
22 42 16 00-0097 EA Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier .....	427.72	23.55
For Up To 4" Extension Sleeves And Hardware, Add	29.36	
For Valve Plate For Attaching To Upright, Add	103.86	
<b>22 42 16 00-0098 Floor Mounted, Lavatory Carriers With Arms</b> (22 42 16 00-0092)		
Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 00-0099 EA Floor Mounted, Single Lavatory Carrier With Concealed Arms.....	386.27	27.88
For Up To 6-1/2" Extension Sleeves And Hardware, Add	14.68	
For Concealed Arm Carrier For Wheelchair Lavatory, Add	20.28	
For Valve Plate For Attaching To Upright, Add	53.17	
For 2" Chrome Plated Escutcheons, Add	49.64	
For 4" Or 6" Chrome Plated Escutcheons, Add	90.18	
22 42 16 00-0100 EA Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms .....	514.91	27.88
For Up To 4-1/2" Extension Sleeves And Hardware, Add	14.68	
For Vandal Proof Trim, Add	39.85	
For Valve Plate For Attaching To Upright, Add	53.17	
For Heavy Duty Carrier, Add	51.03	
22 42 16 00-0101 EA Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms .....	514.20	27.88
For Up To 6-1/2" Extension Sleeves And Hardware, Add	29.36	
For Concealed Arm Carrier For Wheelchair Lavatory, Add	40.55	
For Valve Plate For Attaching To Upright, Add	106.33	
For 2" Chrome Plated Escutcheons, Add	99.27	
For 4" Or 6" Chrome Plated Escutcheons, Add	180.37	
22 42 16 00-0102 EA Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms.....	760.29	27.88
For Up To 4-1/2" Extension Sleeves And Hardware, Add	29.36	
For Vandal Proof Trim, Add	79.71	
For Valve Plate For Attaching To Upright, Add	106.33	
For Heavy Duty Carrier, Add	102.06	
<b>22 42 16 00-0103 Wall Mounted, Lavatory Carriers</b> (22 42 16 00-0091)		
<b>22 42 16 00-0104 Wall Mounted Plate Type, Lavatory Carriers</b> (22 42 16 00-0103)		
Note: Includes wall plate and adjustable supporting rods.		
22 42 16 00-0105 EA Wall Mounted Hanger Plate Type, Single Lavatory Carrier .....	134.80	23.55
For Double Plate Carrier, Add	40.14	
<b>22 42 16 00-0106 Wall Mounted Plate Type, Lavatory Carriers With Arms</b> (22 42 16 00-0103)		
Note: Includes wall plate and leveling and securing screws.		

<b>22</b>	<b>Plumbing</b>
<b>22 40</b>	<b>Plumbing Fixtures</b>
<b>22 42</b>	<b>Commercial Plumbing Fixtures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0107	EA		Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i>	223.38 14.68 49.64	27.88
22 42 16 00-0108	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Movable Mounting Brackets, Deduct</i> <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	262.53 -37.75 14.68 49.64 90.18	27.88
22 42 16 00-0109	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	383.48 14.68 39.85	27.88
<b>22 42 16 00-0110</b>			<b>Sink Carriers</b> (22 42 16 00-0090)		
<b>22 42 16 00-0111</b>			<b>Floor Mounted, Sink Carriers</b> (22 42 16 00-0110) Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 00-0112	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling..... <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i>	436.81 39.85 51.93	23.55
22 42 16 00-0113	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting..... <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Vent, Add</i>	676.60 39.85 118.35	23.55
22 42 16 00-0114	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	847.19 30.06 39.85	23.55
<b>22 42 16 00-0115</b>			<b>Removal And Reinstallation Of Fixtures And Trim</b> (22 42 16) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 00-0116	EA		Remove And Reinstall Wall Hung Lavatory With Faucet .....	182.24	
22 42 16 00-0117	EA		Remove And Reinstall Wall Hung Service Sink With Faucet .....	249.84	
<b>22 42 19</b>			<b>Commercial Bathtubs</b> (22 42)		
<b>22 42 19 00-0001</b>			<b>Recessed Alcove Bathtubs</b> (22 42 19)		
<b>22 42 19 00-0002</b>			<b>Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)		
22 42 19 00-0003	EA		54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™).....	1,281.11	172.25
22 42 19 00-0004	EA		60" x 30" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler Villager®).....	625.86	172.25
22 42 19 00-0005	EA		60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®).....	1,076.92	172.25
22 42 19 00-0006	EA		60" x 30" x 14-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®).....	1,286.24	172.25
22 42 19 00-0007	EA		66" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®).....	1,696.90	172.25
22 42 19 00-0008	EA		66-1/4" x 32" x 16", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (American Standard Spectra™).....	1,433.02	172.25
<b>22 42 19 00-0009</b>			<b>Porcelain Enameled Steel, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)		
22 42 19 00-0010	EA		46-1/2" x 27" x 15-1/2", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Huron™).....	613.34	172.25
22 42 19 00-0011	EA		54" x 30" x 15", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Mackenzie™).....	601.37	172.25
22 42 19 00-0012	EA		60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®).....	487.03	172.25
22 42 19 00-0013	EA		60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®).....	501.65	172.25
<b>22 42 19 00-0014</b>			<b>Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)		
22 42 19 00-0015	EA		60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™).....	789.50	172.25
<b>22 42 19 00-0016</b>			<b>Acrylic, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)		
22 42 19 00-0017	EA		60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®).....	817.16	172.25
22 42 19 00-0018	EA		60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	993.94	172.25
22 42 19 00-0019	EA		66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	1,016.77	172.25
22 42 19 00-0020	EA		72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	1,002.74	172.25
22 42 19 00-0021	EA		72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®).....	1,053.22	172.25
<b>22 42 19 00-0022</b>			<b>Bathtub Refinishing</b> (22 42 19 00-0001)		
22 42 19 00-0023	EA		Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel.....	350.05	
<b>22 42 19 00-0024</b>			<b>Tub And Shower Combinations</b> (22 42 19)		
<b>22 42 19 00-0025</b>			<b>Acrylic Tub And Shower Combination</b> (22 42 19 00-0024)		
22 42 19 00-0026	EA		3 Piece, 62" x 30-1/2" x 88" Domed Acrylic Tub And Shower (Crane Plumbing A 6031.21)..... <i>For 2 Piece Enclosure, Deduct</i>	1,195.61 -250.88	58.59
22 42 19 00-0027	EA		1 Piece, 59-7/8" x 34-1/2" x 79-5/8" Acrylic Tub And Shower (Aqua Glass 626036E)..... <i>For 2 Piece Enclosure, Deduct</i>	915.94 -194.94	58.59
22 42 19 00-0028	EA		1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)..... <i>For 2 Piece Enclosure, Deduct</i>	654.03 -142.56	58.59





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Commercial Plumbing Fixtures</b>	<b>22 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 42 19 00-0029</b> <b>Fiberglass Tub And Shower Combination</b> <small>(22 42 19 00-002 4)</small>		
22 42 19 00-0030 EA 1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG).....	637.37	58.59
22 42 19 00-0031 EA 2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P).....	526.84	39.06
22 42 19 00-0032 EA 4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P) .....	1,024.15	88.43
<b>22 42 23</b> <b>Commercial Showers</b> <small>(22 42)</small>		
<b>22 42 23 00-0001</b> <b>Shower Enclosures</b> <small>(22 42 23)</small>		
Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
<b>22 42 23 00-0002</b> <b>Stainless Steel Shower Enclosure</b> <small>(22 42 23 00-0001)</small>		
22 42 23 00-0003 EA 36" x 36" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening (Crane Plumbing, Fiat S86 Commander) .....	2,765.81	99.94
22 42 23 00-0004 EA 36" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Walk Through (Crane Plumbing, Fiat S91 Commander) .....	2,765.81	99.94
22 42 23 00-0005 EA 37" x 37" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Corner Opening (Crane Plumbing, Fiat S92 Commander) .....	2,765.81	99.93
22 42 23 00-0006 EA 38"x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening Corner (Crane Plumbing, Fiat S101 Commander) .....	2,765.81	99.93
<b>22 42 23 00-0007</b> <b>Powder Coated Or Baked Enamel Steel Shower Enclosure</b> <small>(22 42 23 00-0001)</small>		
22 42 23 00-0008 EA 39" x 39" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S115 Commander).....	3,271.12	99.93
22 42 23 00-0009 EA 39" x 48" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S125 Commander) .....	4,288.62	99.93
22 42 23 00-0010 EA 32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) .....	799.87	99.93
22 42 23 00-0011 EA 36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) .....	799.87	99.93
22 42 23 00-0012 EA 40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions) .....	1,183.87	99.93
22 42 23 00-0013 EA 40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions) .....	1,297.87	99.93
<b>22 42 23 00-0014</b> <b>Solid Plastic Core High Density Polymer (HDP) Shower Enclosure</b> <small>(22 42 23 00-0001)</small>		
22 42 23 00-0015 EA 32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,285.87	99.93
22 42 23 00-0016 EA 36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,285.87	99.93
22 42 23 00-0017 EA 40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,825.87	99.93
22 42 23 00-0018 EA 40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions).....	2,035.87	99.93
<b>22 42 23 00-0019</b> <b>1 Piece Shower Units</b> <small>(22 42 23)</small>		
22 42 23 00-0020 EA 1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232).....	592.14	58.59
22 42 23 00-0021 EA 1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636).....	659.99	58.59
<b>22 42 23 00-0022</b> <b>Personnel Type Shower Receptors</b> <small>(22 42 23)</small>		
<b>22 42 23 00-0023</b> <b>Acrylic Shower Receptors</b> <small>(22 42 23 00-0022)</small>		
22 42 23 00-0024 EA 36" x 36" Acrylic Shower Receptor .....	325.11	25.24
22 42 23 00-0025 EA 42" x 42" Acrylic Shower Receptor .....	345.20	25.24
22 42 23 00-0026 EA 48" x 48" Acrylic Shower Receptor .....	385.33	25.24
22 42 23 00-0027 EA 60" x 60" Acrylic Shower Receptor .....	469.06	30.29
22 42 23 00-0028 EA 48" x 32" Acrylic Shower Receptor .....	326.05	25.24
22 42 23 00-0029 EA 48" x 36" Acrylic Shower Receptor .....	352.48	25.24
22 42 23 00-0030 EA 48" x 42" Acrylic Shower Receptor .....	401.65	25.24
22 42 23 00-0031 EA 60" x 32" Acrylic Shower Receptor .....	444.05	30.29
22 42 23 00-0032 EA 60" x 36" Acrylic Shower Receptor .....	447.45	30.29
22 42 23 00-0033 EA 60" x 42" Acrylic Shower Receptor .....	450.57	30.29
22 42 23 00-0034 EA 60" x 48" Acrylic Shower Receptor .....	499.43	30.29
22 42 23 00-0035 EA 36" x 36" Acrylic Corner Shower Receptor .....	486.20	25.24
22 42 23 00-0036 EA 42" x 42" Acrylic Corner Shower Receptor .....	562.05	25.24
<b>22 42 23 00-0037</b> <b>Molded Stone Shower Receptors</b> <small>(22 42 23 00-0022)</small>		
22 42 23 00-0038 EA 32" x 32" Molded Stone Shower Receptor (Fiat 32WL) .....	208.24	25.24
22 42 23 00-0039 EA 34" x 34" Molded Stone Shower Receptor (Fiat 34WL) .....	219.58	25.24
22 42 23 00-0040 EA 36" x 36" Molded Stone Shower Receptor (Fiat 36WL) .....	220.84	25.24
22 42 23 00-0041 EA 42" x 42" Molded Stone Shower Receptor (Fiat 4242WL) .....	276.91	25.24
22 42 23 00-0042 EA 42" x 34" Molded Stone Shower Receptor (Fiat 42WL) .....	242.89	25.24
22 42 23 00-0043 EA 48" x 32" Molded Stone Shower Receptor (Fiat 4832WL) .....	258.64	25.24
22 42 23 00-0044 EA 48" x 34" Molded Stone Shower Receptor (Fiat 48WL) .....	260.53	25.24
22 42 23 00-0045 EA 54" x 34" Molded Stone Shower Receptor (Fiat 54WL) .....	300.66	30.29
22 42 23 00-0046 EA 60" x 34" Molded Stone Shower Receptor (Fiat 60WL) .....	312.63	30.29
22 42 23 00-0047 EA 36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC).....	246.04	25.24
22 42 23 00-0048 EA 38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC).....	252.97	25.24
<b>22 42 23 00-0049</b> <b>Precast Terrazzo Shower Receptors</b> <small>(22 42 23 00-0022)</small>		
22 42 23 00-0050 EA 30" x 30" Precast Terrazzo Shower Receptor.....	413.62	25.24
22 42 23 00-0051 EA 32" x 32" Precast Terrazzo Shower Receptor.....	430.63	25.24
22 42 23 00-0052 EA 34" x 34" Precast Terrazzo Shower Receptor.....	446.38	25.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0053	EA		36" x 36" Precast Terrazzo Shower Receptor.....	448.27	25.24
22 42 23 00-0054	EA		40" x 40" Precast Terrazzo Shower Receptor.....	493.00	25.24
22 42 23 00-0055	EA		42" x 42" Precast Terrazzo Shower Receptor.....	515.68	25.24
22 42 23 00-0056	EA		48" x 48" Precast Terrazzo Shower Receptor.....	734.92	25.24
22 42 23 00-0057	EA		36" x 32" Precast Terrazzo Shower Receptor.....	442.60	25.24
22 42 23 00-0058	EA		42" x 32" Precast Terrazzo Shower Receptor.....	451.63	25.24
22 42 23 00-0059	EA		42" x 34" Precast Terrazzo Shower Receptor.....	467.80	25.24
22 42 23 00-0060	EA		42" x 36" Precast Terrazzo Shower Receptor.....	487.96	25.24
22 42 23 00-0061	EA		32" x 48" Precast Terrazzo Shower Receptor.....	489.85	25.24
22 42 23 00-0062	EA		48" x 34" Precast Terrazzo Shower Receptor.....	515.68	25.24
22 42 23 00-0063	EA		48" x 36" Precast Terrazzo Shower Receptor.....	534.58	25.24
22 42 23 00-0064	EA		54" x 32" Precast Terrazzo Shower Receptor.....	541.51	25.24
22 42 23 00-0065	EA		60" x 30" Precast Terrazzo Shower Receptor.....	735.76	30.29
22 42 23 00-0066	EA		60" x 32" Precast Terrazzo Shower Receptor.....	807.24	30.29
22 42 23 00-0067	EA		60" x 34" Precast Terrazzo Shower Receptor.....	810.75	30.29
22 42 23 00-0068	EA		60" x 36" Precast Terrazzo Shower Receptor.....	814.24	30.29
22 42 23 00-0069	EA		32" x 32" Precast Terrazzo Corner Shower Receptor.....	450.79	25.24
22 42 23 00-0070	EA		34" x 34" Precast Terrazzo Corner Shower Receptor.....	451.63	25.24
22 42 23 00-0071	EA		36" x 36" Precast Terrazzo Corner Shower Receptor.....	453.31	25.24
22 42 23 00-0072	EA		40" x 40" Precast Terrazzo Corner Shower Receptor.....	548.44	25.24
22 42 23 00-0073	EA		36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,017.79	25.24
22 42 23 00-0074	EA		60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,131.00	30.29
22 42 23 00-0075	EA		60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,180.14	30.29
<b>22 42 23 00-0076</b>			<b>Shower Receptors Accessories</b> (22 42 23 00-0022)		
22 42 23 00-0077	SF		Polyvinyl Chloride (PVC) Shower Pan Liner.....	2.48	
<b>22 42 23 00-0078</b>			<b>Removal And Reinstallation Of Fixtures And Trim</b> (22 42 23)		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0079	EA		Remove And Reinstall Shower Head.....	30.29	
<b>22 42 33</b>			<b>Wash Fountains</b> (22 42)		
<b>22 42 33 00-0001</b>			<b>Circular Wash Fountain, Deep Bowl</b> (22 42 33)		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA		36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD).....	5,979.39	94.94
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0003	EA		36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD).....	4,535.87	94.94
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0004	EA		36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,068.23	94.94
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0005	EA		54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	7,634.25	108.50
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0006	EA		54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,236.99	108.50
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0007	EA		54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	9,683.08	108.50
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
<b>22 42 33 00-0008</b>			<b>Semi-Circular Wash Fountain, Deep Bowl</b> (22 42 33)		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA		36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	5,218.60	81.38
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0010	EA		36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,157.03	81.38
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0011	EA		36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,090.25	81.38
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0012	EA		54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	6,408.69	94.94
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Commercial Plumbing Fixtures</b>	<b>22 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0013 EA 54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,025.61	94.94
For Metal Soap Dispenser, Add	100.00	
For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0014 EA 54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSE).....	7,250.29	94.94
For Metal Soap Dispenser, Add	100.00	
For Stainless Steel Pedestal Panels, Add	100.00	
<b>22 42 39 Commercial Faucets, Supplies, And Trim (22 42)</b>		
<b>22 42 39 00-0001 Kitchen Faucets (22 42 39)</b>		
22 42 39 00-0002 EA Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	125.23	30.98
22 42 39 00-0003 EA Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST) .....	141.69	30.98
22 42 39 00-0004 EA Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	150.79	30.98
22 42 39 00-0005 EA Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST).....	172.67	30.98
22 42 39 00-0006 EA Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24) .....	116.54	30.98
22 42 39 00-0007 EA Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24).....	128.14	30.98
22 42 39 00-0008 EA Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF).....	167.23	30.98
22 42 39 00-0009 EA Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF).....	118.17	30.98
22 42 39 00-0010 EA Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF).....	113.78	30.98
22 42 39 00-0011 EA Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF).....	135.25	30.98
22 42 39 00-0012 EA Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24).....	234.67	30.98
22 42 39 00-0013 EA Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24) .....	257.72	30.98
22 42 39 00-0014 EA Wall Mount Kitchen Faucet, Two Handle, 11" Long Swing Spout (Delta 28T6943).....	216.22	30.98
22 42 39 00-0015 EA Wall Mount Kitchen Faucet, 8" Center, With 14" Double Joint Spout (Delta 28T4433).....	190.82	30.98
22 42 39 00-0016 EA Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP).....	242.38	33.65
22 42 39 00-0017 EA Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP) .....	241.25	33.65
22 42 39 00-0018 EA Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	179.23	33.65
22 42 39 00-0019 EA Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR).....	418.62	30.98
22 42 39 00-0020 EA Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK).....	530.48	30.98
22 42 39 00-0021 EA Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB) .....	567.76	30.98
22 42 39 00-0022 EA Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR).....	418.62	30.98
22 42 39 00-0023 EA Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK).....	530.48	30.98
22 42 39 00-0024 EA Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB).....	567.76	30.98
<b>22 42 39 00-0025 Lavatory Faucets (22 42 39)</b>		
22 42 39 00-0026 EA Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST) .....	153.58	22.30
22 42 39 00-0027 EA 4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501-WF).....	105.96	22.30
22 42 39 00-0028 EA 4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2521-LHP+H25).....	132.01	22.30
22 42 39 00-0029 EA 4" Centerset Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 2530-LHP+H24).....	145.00	22.30
22 42 39 00-0030 EA Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3543-LHP+H24).....	178.55	22.30
22 42 39 00-0031 EA Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3530-LHP+H24).....	208.35	22.30
22 42 39 00-0032 EA Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104).....	126.41	22.30
22 42 39 00-0033 EA Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002).....	193.48	22.30
22 42 39 00-0034 EA Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665).....	138.87	22.30
22 42 39 00-0035 EA Easy-Push Metering Faucet Wash-Up Fitting (Speakman S-4123).....	121.03	22.30
22 42 39 00-0036 EA Easy-Push Metering 4" Centerset Faucet (Speakman S-4141-LD).....	196.63	22.30
22 42 39 00-0037 EA Easy-Push Metering Widespread Faucet (Speakman S-4171-LD).....	231.28	22.30
22 42 39 00-0038 EA 3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710).....	142.14	22.30
22 42 39 00-0039 EA 3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712) .....	172.06	22.30
22 42 39 00-0040 EA 4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805) .....	168.52	22.30
<b>22 42 39 00-0041 Bath And Shower Faucets (22 42 39)</b>		
<b>22 42 39 00-0042 Bath And Shower Faucets With Valve Body (22 42 39 00-0041)</b>		
22 42 39 00-0043 EA Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500).....	141.70	26.89
22 42 39 00-0044 EA Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501).....	166.27	26.89
22 42 39 00-0045 EA Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502).....	182.02	26.89
22 42 39 00-0046 EA Two Lever Handle, Chrome Tub Filler (American Standard 3275.505).....	130.99	26.89
For Faucet With Metal Cross Handles, Add	45.75	
22 42 39 00-0047 EA Two Lever Handle, Chrome Shower Only (American Standard 3275.501).....	137.29	26.89
For Faucet With Metal Cross Handles, Add	45.75	
22 42 39 00-0048 EA Two Lever Handle, Chrome Shower And Tub Filler (American Standard 3275.502).....	155.56	26.89
For Faucet With Metal Cross Handles, Add	45.75	
22 42 39 00-0049 EA Three Lever Handle, Chrome Shower And Tub Filler (American Standard 3375.502).....	176.35	26.89
For Faucet With Metal Cross Handles, Add	45.75	
<b>22 42 39 00-0050 Shower Valves And Trim (22 42 39)</b>		
See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0051 EA Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	228.43	41.82

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0052	EA		Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP) .....	516.78	41.82
22 42 39 00-0053	EA		Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP) .....	357.93	41.82
22 42 39 00-0054	EA		Senior Institutional Shower Head (Symmons® 4-150) .....	137.76	26.89
22 42 39 00-0055	EA		Universal Institutional Shower Head (Symmons® 4-151) .....	231.57	26.89
22 42 39 00-0056	EA		Fre-Flo Institutional Shower Head (Symmons® 4-295) .....	162.46	26.89
22 42 39 00-0057	EA		Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385) .....	122.01	26.89
22 42 39 00-0058	EA		Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X) .....	408.43	40.27
22 42 39 00-0059	EA		Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X) .....	424.51	46.47
22 42 39 00-0060	EA		Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X) .....	531.04	46.47
22 42 39 00-0061	EA		Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X) .....	546.59	49.57
22 42 39 00-0062	EA		Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S) .....	718.14	41.82
			<i>For Hand Spray, Hose And Wall Hooks, Add</i> .....	106.44	
			<i>For Recessed Soap Dish, Add</i> .....	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0063	EA		Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807) .....	854.85	41.82
			<i>For Hand Spray, Hose And Wall Hooks, Add</i> .....	106.44	
			<i>For Recessed Soap Dish, Add</i> .....	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0064	EA		Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S) .....	580.32	41.82
			<i>For Hand Spray, Hose And Wall Hooks, Add</i> .....	19.32	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	78.39	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0065	EA		Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS) .....	878.88	41.82
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0066	EA		Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS) .....	943.23	41.82
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0067	EA		Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931) .....	1,744.81	41.82
			<i>For Recessed Soap Dish, Add</i> .....	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	227.79	
22 42 39 00-0068	EA		Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921) .....	1,523.46	41.82
			<i>For Recessed Soap Dish, Add</i> .....	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0069	EA		Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231) .....	761.98	41.82
22 42 39 00-0070	EA		Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS) .....	1,172.62	41.82
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0071	EA		Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60) .....	760.94	41.82
22 42 39 00-0072	EA		Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS) .....	758.68	41.82
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
22 42 39 00-0073			<b>Service Sink Faucets</b> (22 42 39)		
22 42 39 00-0074	EA		2-1/4" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Knoxford®) .....	252.78	51.58
22 42 39 00-0075	EA		4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Kinlock™) .....	305.76	51.58
22 42 39 00-0076	EA		3" Spout, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.235) .....	217.94	51.58
22 42 39 00-0077	EA		3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.243) .....	234.95	51.58
22 42 39 00-0078	EA		6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012) .....	243.77	51.58
22 42 39 00-0079	EA		6" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.101) .....	318.22	72.31
22 42 39 00-0080	EA		6" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.110) .....	356.39	82.41
22 42 39 00-0081	EA		12" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.115) .....	411.83	82.41
22 42 39 00-0082	EA		44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-LCP) .....	452.39	82.41
22 42 39 00-0083			<b>Laboratory Faucets And Fittings</b> (22 42 39)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0084 EA Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927) .....	124.06	21.93
22 42 39 00-0085 EA Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929) .....	203.29	30.98
22 42 39 00-0086 EA Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930) .....	263.91	30.98
22 42 39 00-0087 EA Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933) .....	161.82	28.93
22 42 39 00-0088 EA Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940) .....	219.81	41.27
22 42 39 00-0089 EA Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP) .....	298.85	41.27
22 42 39 00-0090 EA Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946) .....	239.17	30.98
22 42 39 00-0091 EA Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942) .....	234.17	41.27
22 42 39 00-0092 EA Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP) .....	153.54	23.82
22 42 39 00-0093 EA Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP) .....	216.31	33.65
22 42 39 00-0094 EA Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802) .....	166.21	33.65
22 42 39 00-0095 EA Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP) .....	203.39	33.65
22 42 39 00-0096 EA Gas Ball Valve, Removable Nozzle, Less Index Button (Chicago Faucet 909-LESS216-28CP) .....	50.09	20.69
22 42 39 00-0097 EA Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP) .....	52.40	20.69
22 42 39 00-0098 EA Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP) .....	331.50	37.17
22 42 39 00-0099 EA Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP) .....	427.00	37.17
22 42 39 00-0100 EA Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP) .....	514.00	37.17
22 42 39 00-0101 EA Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP) .....	454.26	37.17
22 42 39 00-0102 EA Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM) .....	541.37	37.17
<b>22 42 39 00-0103 Gooseneck Faucets With Independent Eyewash (22 42 39)</b>		
22 42 39 00-0104 EA Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA) .....	528.67	23.23
22 42 39 00-0105 EA Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL) .....	580.05	21.69
22 42 39 00-0106 EA 8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8) .....	612.60	23.23
22 42 39 00-0107 EA Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST) .....	637.63	23.23
22 42 39 00-0108 EA Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW) .....	868.03	15.49
22 42 39 00-0109 EA Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP) .....	1,197.19	38.73
22 42 39 00-0110 EA Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW) .....	1,396.70	38.73
22 42 39 00-0111 EA 8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW) .....	1,480.63	38.73
<b>22 42 39 00-0112 Bubblers And Glass Fillers (22 42 39)</b>		
22 42 39 00-0113 EA Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP) .....	219.82	21.93
22 42 39 00-0114 EA Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP) .....	195.36	28.93
22 42 39 00-0115 EA 7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP) .....	216.81	21.93
22 42 39 00-0116 EA Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP) .....	132.93	31.43
22 42 39 00-0117 EA Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF) .....	257.43	23.82
22 42 39 00-0118 EA Self Closing Lever Handle Drinking Bubbler, 1/2" IPS (Haws 5057LF) .....	281.69	23.82
22 42 39 00-0119 EA Push Button Bubbler, 1/2" OD (Haws 5017LF) .....	260.89	23.82
22 42 39 00-0120 EA Push Button Bubbler, 3/8" NPT (Haws 5010-6427) .....	217.11	23.82
<b>22 42 39 00-0121 Electronic Infrared Sensor Faucets (22 42 39)</b>		
22 42 39 00-0122 EA Electronic Lavatory Faucet (American Standard 6055.205.002) .....	401.27	51.67
<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0123 EA Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002) .....	405.05	51.67
<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0124 EA Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1) .....	543.79	56.13
22 42 39 00-0125 EA Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1) .....	567.11	51.67
22 42 39 00-0126 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880) .....	843.12	56.13
22 42 39 00-0127 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT) .....	1,056.13	56.13
22 42 39 00-0128 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187) .....	986.28	56.13
22 42 39 00-0129 EA Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM) .....	687.85	51.67
22 42 39 00-0130 EA Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60) .....	824.00	51.67
<b>22 42 39 00-0131 Other Trim (22 42 39)</b>		
22 42 39 00-0132 EA Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330) .....	11.41	3.37
22 42 39 00-0133 EA 1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP) .....	67.51	10.09
22 42 39 00-0134 EA Basket Strainer Assembly (American Standard 055781-0070A) .....	28.55	8.41
22 42 39 00-0135 EA 1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP) .....	30.85	8.41
22 42 39 00-0136 EA 1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP) .....	69.81	8.41
22 42 39 00-0137 EA 1-1/4" Chrome Plated Cast P-Trap With Or Without Cleanout .....	82.15	17.59
22 42 39 00-0138 EA 1-1/2" Chrome Plated Cast P-Trap With Or Without Cleanout .....	83.66	18.59
22 42 39 00-0139 EA 1-1/2" Cast Brass P-Trap With Cleanout .....	139.70	18.59
22 42 39 00-0140 EA Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102) .....	49.83	9.29

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0141 EA Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	52.61	9.29
22 42 39 00-0142 EA Lavatory Protective Enclosure (IPS Truebro Lav Shield) .....	144.42	9.29
22 42 39 00-0143 EA 36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard) .....	180.35	9.29
22 42 39 00-0144 EA 42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard) .....	206.45	9.29
<b>22 42 39 00-0145 Removal And Reinstallation Of Fixtures And Trim (22 42 39)</b> Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0146 EA Remove And Reinstall Faucet.....	53.84	
<b>22 42 43 Flushometers (22 42)</b>		
<b>22 42 43 00-0001 Removal And Reinstallation Of Fixtures And Trim (22 42 43)</b> Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0002 EA Remove And Reinstall Flush Valve.....	84.13	
<b>22 42 43 00-0003 Plumbing Control Transformers (22 42 43)</b>		
22 42 43 00-0004 EA 6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6).....	33.85	
<b>22 42 46 Chemical Toilets (22 42)</b> Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
<b>22 42 46 00-0001 Standard Chemical Toilets (22 42 46)</b>		
<b>22 42 46 00-0002 Small Tank Chemical Toilets (22 42 46 00-0001)</b>		
22 42 46 00-0003 EA Chemical Toilet, Small Tank 7,000 Uses/Year.....	2,626.51	619.59
For Extra Urinal, Add	89.16	
<b>22 42 46 00-0004 Medium Tank Chemical Toilets (22 42 46 00-0001)</b>		
22 42 46 00-0005 EA Chemical Toilet, Medium Tank 13,000 Uses/Year.....	3,118.33	737.95
For Extra Urinal, Add	105.30	
<b>22 42 46 00-0006 Large Tank Chemical Toilets (22 42 46 00-0001)</b>		
22 42 46 00-0007 EA Chemical Toilet, Large Tank 28,000 Uses/Year .....	3,878.79	837.08
For Extra Urinal, Add	153.69	
<b>22 43 Healthcare Plumbing Fixtures (22 40)</b>		
<b>22 43 13 Healthcare Water Closets (22 43)</b>		
<b>22 43 13 00-0001 Healthcare Water Closets (22 43 13)</b>		
22 43 13 00-0002 EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA).....	616.72	64.44
22 43 13 00-0003 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA).....	461.16	64.44
<b>22 43 16 Healthcare Sinks (22 43)</b>		
<b>22 43 16 00-0001 Healthcare Sinks (22 43 16)</b> Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002 EA 25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard) .....	1,050.51	41.51
For Stainless Steel Rim Guards (Three Sides), Add	105.70	
22 43 16 00-0003 EA 29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard).....	1,094.56	119.27
For Stainless Steel Rim Guards (Three Sides), Add	105.70	
For Pedestal Base, Add	484.63	
22 43 16 00-0004 EA 28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard) .....	1,003.98	41.51
For Painted Bracket Supports, Add	160.11	
22 43 16 00-0005 EA 20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard) .....	864.37	41.51
<b>22 43 39 Healthcare Faucets (22 43)</b>		
<b>22 43 39 00-0001 Medical Faucet Spouts (22 43 39)</b>		
22 43 39 00-0002 EA Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522) .....	85.99	9.29
<b>22 43 39 00-0003 Electronic Proximity Medical Faucets (22 43 39)</b>		
22 43 39 00-0004 EA DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU).....	515.16	45.48
For Hard Wired AC Powered, Add	24.07	
<b>22 43 39 00-0005 Foot And Knee Faucet Controls (22 43 39)</b>		
22 43 39 00-0006 EA Single Supply Metering Pedal Valve (Chicago Faucet 628).....	247.80	82.65
22 43 39 00-0007 EA Double Supply Metering Pedal Valve (Chicago Faucet 625) .....	291.27	82.65



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Healthcare Plumbing Fixtures</b>	<b>22 43</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39 00-0008 EA Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP) .....	626.33	82.65
22 43 39 00-0009 EA Double Knee Actuated Metering Mixing Valve (American Standard 7676).....	570.24	82.65
<b>22 43 39 00-0010 Centerset Medical Faucets (22 43 39)</b>		
22 43 39 00-0011 EA Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04) .....	341.81	45.48
22 43 39 00-0012 EA Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04) .....	345.75	45.48
22 43 39 00-0013 EA Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04) .....	345.35	45.48
22 43 39 00-0014 EA Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04).....	307.95	45.48
22 43 39 00-0015 EA Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04).....	294.56	45.48
<b>22 43 39 00-0016 Bedpan Washers (22 43 39)</b>		
22 43 39 00-0017 EA Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675).....	813.58	82.65
22 43 39 00-0018 EA Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676) .....	772.36	82.65
22 43 39 00-0019 EA Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685).....	760.15	82.65
22 43 39 00-0020 EA Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686) .....	748.27	82.65
<b>22 43 43 Healthcare Plumbing Fixture Flushometers (22 43)</b>		
<b>22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers (22 43 43)</b>		
22 43 43 00-0002 EA Exposed Manual Service Sink Flush Valve (Sloan Royal-117).....	193.39	21.12
22 43 43 00-0003 EA Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW).....	464.94	21.12
<b>22 43 46 Patient Care Fixtures (22 43)</b>		
<b>22 43 46 00-0001 Modular Patient Care Units (22 43 46)</b>		
22 43 46 00-0002 EA 47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV) .....	9,926.37	123.92
For SDB Single Temperature Dialysis Box, Add	722.50	
For DDB Dual Temperature Dialysis Box, Add	767.38	
For BWSEV Bedpan Washer With Elevated Valve, Add	568.63	
For LOCK Flush Valve Lockout Device, Add	407.25	
22 43 46 00-0003 EA 31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB) .....	7,824.80	108.43
For SDB Single Temperature Dialysis Box, Add	722.50	
For DDB Dual Temperature Dialysis Box, Add	767.38	
For BWSEV Bedpan Washer With Elevated Valve, Add	568.63	
For LOCK Flush Valve Lockout Device, Add	407.25	
<b>22 43 46 00-0004 Patient Care Plumbing Accessories (22 43 46)</b>		
22 43 46 00-0005 EA One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920) .....	945.10	16.83
22 43 46 00-0006 EA Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919) .....	1,040.91	16.83
<b>22 45 Emergency Plumbing Fixtures (22 40)</b>		
<b>22 45 13 Emergency Showers (22 45)</b>		
<b>22 45 13 00-0001 Emergency Drench Showers (22 45 13)</b>		
<b>22 45 13 00-0002 Emergency Drench Showers (Haws) (22 45 13 00-0001)</b>		
Note: Includes one pull rod.		
22 45 13 00-0003 EA Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122) .....	445.24	108.43
22 45 13 00-0004 EA Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123) .....	516.11	108.43
22 45 13 00-0005 EA Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC).....	555.48	108.43
22 45 13 00-0006 EA Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130) .....	673.61	108.43
22 45 13 00-0007 EA Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H) .....	917.74	108.43
22 45 13 00-0008 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100) .....	712.46	123.92
22 45 13 00-0009 EA Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP).....	778.88	139.41
22 45 13 00-0010 EA Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169).....	704.07	139.41
22 45 13 00-0011 EA Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163) .....	719.82	139.41
22 45 13 00-0012 EA Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164) .....	1,015.13	139.41

<b>22</b>	<b>Plumbing</b>
<b>22 40</b>	<b>Plumbing Fixtures</b>
<b>22 45</b>	<b>Emergency Plumbing Fixtures</b>



ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 13 00-0013			<b>Emergency Drench Showers (Speakman)</b> (22 45 13 00-0001) Note: Includes one pull rod.		
22 45 13 00-0014	EA		Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220).....	368.68	108.43
22 45 13 00-0015	EA		Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227).....	372.48	108.43
22 45 13 00-0016	EA		Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253).....	608.73	123.92
<b>22 45 16</b>			<b>Eyewash Equipment</b> (22 45)		
22 45 16 00-0001			<b>Emergency Eyewash Equipment</b> (22 45 16)		
22 45 16 00-0002			<b>Emergency Eyewash Equipment (Haws)</b> (22 45 16 00-0001)		
22 45 16 00-0003	EA		Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620).....	210.94	3.10
22 45 16 00-0004	EA		Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP).....	952.13	139.41
<b>22 45 23</b>			<b>Personal Eyewash Equipment</b> (22 45)		
22 45 23 00-0001			<b>Portable Eyewash Equipment</b> (22 45 23)		
22 45 23 00-0002			<b>Portable Eyewash Equipment (Bradley)</b> (22 45 23 00-0001)		
22 45 23 00-0003	EA		Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H) .....	1,268.77	9.29
<b>22 45 26</b>			<b>Eye/Face Wash Equipment</b> (22 45)		
22 45 26 00-0001			<b>Emergency Eye/Face Wash Equipment</b> (22 45 26)		
22 45 26 00-0002			<b>Emergency Eye/Face Wash Equipment (Haws)</b> (22 45 26 00-0001)		
22 45 26 00-0003	EA		Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) .....	497.46	77.45
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324) .....	488.55	108.43
22 45 26 00-0005	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B).....	476.74	108.43
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) .....	523.20	108.43
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) .....	527.92	108.43
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) .....	583.84	108.43
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA		Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC).....	807.48	108.43
22 45 26 00-0010	EA		Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B) .....	1,555.61	108.43
22 45 26 00-0011	EA		Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271) .....	602.22	123.92
22 45 26 00-0012	EA		Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461) .....	692.78	123.92
22 45 26 00-0013	EA		Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777).....	1,606.28	123.92
22 45 26 00-0014	EA		Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611) .....	428.15	30.98
22 45 26 00-0015	EA		Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612) .....	412.40	30.98
22 45 26 00-0016	EA		Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH) .....	432.08	30.98
22 45 26 00-0017	EA		Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610).....	546.27	30.98
22 45 26 00-0018	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC) .....	1,302.05	154.90
22 45 26 00-0019	EA		Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM).....	1,598.40	123.92
22 45 26 00-0020	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC).....	1,632.80	154.90
22 45 26 00-0021	EA		Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM) .....	1,937.03	123.92
22 45 26 00-0022			<b>Emergency Eye/Face Wash Equipment (Speakman)</b> (22 45 26 00-0001)		
22 45 26 00-0023	EA		Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495).....	416.28	108.43
22 45 26 00-0024	EA		Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496) .....	508.37	123.92
<b>22 45 29</b>			<b>Hand-Held Emergency Drench Hoses</b> (22 45)		
22 45 29 00-0001			<b>Hand-Held Emergency Eye/Face/Body Wash With Hose</b> (22 45 29)		





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Emergency Plumbing Fixtures</b>	<b>22 45</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)</b>		
22 45 29 00-0003 EA Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	455.45	38.73
22 45 29 00-0004 EA Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	526.33	38.73
<b>22 45 33 Combination Emergency Fixture Units (22 45)</b>		
<b>22 45 33 00-0001 Emergency Shower With Eye/Face Wash (22 45 33)</b>		
<b>22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)</b>		
22 45 33 00-0003 EA Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	2,706.18	201.37
22 45 33 00-0004 EA Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP).....	1,808.43	201.37
Note: Includes freeze protection bury valve.		
22 45 33 00-0005 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,237.49	201.37
22 45 33 00-0006 EA Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	2,013.18	201.37
22 45 33 00-0007 EA Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	1,457.99	201.37
22 45 33 00-0008 EA Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	1,367.43	201.37
22 45 33 00-0009 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,158.74	201.37
22 45 33 00-0010 EA Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	1,942.30	201.37
22 45 33 00-0011 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	2,135.24	201.37
22 45 33 00-0012 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	2,178.55	201.37
22 45 33 00-0013 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	2,442.36	201.37
22 45 33 00-0014 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WADD).....	2,595.93	201.37
22 45 33 00-0015 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	2,552.62	201.37
22 45 33 00-0016 EA Floor Mounted, 120 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	3,851.99	201.37
22 45 33 00-0017 EA Floor Mounted, 220 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	4,064.62	201.37
22 45 33 00-0018 EA Floor Mounted, C1D1 Rated, 120 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	8,671.49	201.37
22 45 33 00-0019 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,158.74	201.37
22 45 33 00-0020 EA Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	1,320.18	201.37
<b>22 45 33 00-0021 Emergency Shower With Eye/Face Wash (Speakman) (22 45 33 00-0001)</b>		
22 45 33 00-0022 EA Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	984.28	201.37
<b>22 45 36 Emergency Fixture Water-Tempering Equipment (22 45)</b>		
<b>22 45 36 00-0001 Emergency Fixture Water-Tempering Equipment (22 45 36)</b>		
<b>22 45 36 00-0002 Emergency Fixture Water-Tempering Equipment (Haws) (22 45 36 00-0001)</b>		
22 45 36 00-0003 EA 10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW).....	483.01	38.73
22 45 36 00-0004 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE).....	715.33	38.73
22 45 36 00-0005 EA 31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E).....	1,057.89	38.73
22 45 36 00-0006 EA 78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E).....	1,250.83	38.73
22 45 36 00-0007 EA 31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H).....	1,778.45	38.73
22 45 36 00-0008 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE).....	1,876.89	38.73
22 45 36 00-0009 EA 74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE).....	3,164.45	38.73
22 45 36 00-0010 EA 78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF).....	3,806.26	38.73
22 45 36 00-0011 EA 1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B).....	542.07	38.73

<b>22</b>	<b>Plumbing</b>
<b>22 40</b>	<b>Plumbing Fixtures</b>
<b>22 45</b>	<b>Emergency Plumbing Fixtures</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 22 45 39 Emergency Plumbing Fixture Accessories (22 45)

22 45 39 00-0001	Emergency Plumbing Fixture Accessories (22 45 39)		
22 45 39 00-0002	Emergency Plumbing Fixture Accessories (Haws) (22 45 39 00-0001)		
22 45 39 00-0003	EA Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220).....	123.23	12.39
22 45 39 00-0004	EA Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W).....	174.41	12.39
22 45 39 00-0005	EA Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS).....	182.29	12.39
22 45 39 00-0006	EA Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS).....	206.17	4.65
22 45 39 00-0007	EA Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102).....	210.94	3.10
22 45 39 00-0008	EA 3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020).....	228.95	6.19
22 45 39 00-0009	EA Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK).....	388.25	46.47
22 45 39 00-0010	EA Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTXP).....	411.51	20.70
22 45 39 00-0011	EA Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT).....	616.27	20.70
22 45 39 00-0012	EA Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037).....	715.33	46.47
22 45 39 00-0013	EA Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTXP).....	1,384.08	20.70
22 45 39 00-0014	EA 1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5).....	1,516.12	68.99
22 45 39 00-0015	EA 1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001).....	1,547.62	68.99
22 45 39 00-0016	EA 1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP).....	2,894.25	68.99
22 45 39 00-0017	EA 1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1).....	5,532.38	68.99
22 45 39 00-0018	Emergency Plumbing Fixture Accessories (Speakman) (22 45 39 00-0001)		
22 45 39 00-0019	EA Privacy Curtain For Emergency Showers.....	652.13	46.48
	Note: Curtain includes stainless steel curtain rod and mounting accessories.		

### 22 47 Drinking Fountains And Water Coolers (22 40)

#### 22 47 13 Drinking Fountains (22 47)

22 47 13 00-0001	Indoor Drinking Fountains (22 47 13)		
22 47 13 00-0002	Face Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0003	EA Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S).....	1,402.50	100.69
22 47 13 00-0004	EA Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP).....	1,676.48	108.43
22 47 13 00-0005	EA Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E).....	1,589.59	100.69
22 47 13 00-0006	EA Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP).....	1,704.48	108.43
22 47 13 00-0007	EA Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS).....	916.28	100.69
22 47 13 00-0008	EA Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP).....	1,093.52	108.43
22 47 13 00-0009	EA Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE).....	994.90	100.69
22 47 13 00-0010	EA Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP).....	1,115.22	108.43
22 47 13 00-0011	Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0012	EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701).....	939.89	108.43
22 47 13 00-0013	EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Elkay/Halsey-Taylor HTHB-HAC8WF).....	1,312.69	108.43
22 47 13 00-0014	EA Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Elkay/Halsey-Taylor HTHB-HAC8BLWF).....	1,880.58	108.43
22 47 13 00-0015	Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0016	EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801).....	1,283.44	116.17
22 47 13 00-0017	EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C).....	2,847.90	116.17
22 47 13 00-0018	Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0019	EA Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400).....	1,373.06	123.92
22 47 13 00-0020	EA Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403).....	2,573.29	123.92
22 47 13 00-0021	Countertop Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0022	EA Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000).....	551.66	77.45



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Drinking Fountains And Water Coolers</b>	<b>22 47</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0023 EA Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000) .....	529.07	77.45
22 47 13 00-0024 EA Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028) .....	652.89	77.45
<b>22 47 13 00-0025 Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0026 EA Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A) .....	378.14	77.45
22 47 13 00-0027 EA Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540) .....	501.95	77.45
<b>22 47 13 00-0028 Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0029 EA Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020) .....	2,677.22	123.92
22 47 13 00-0030 EA Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030) .....	2,924.86	123.92
22 47 13 00-0031 EA Marlyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120) .....	2,230.75	123.92
22 47 13 00-0032 EA White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430) .....	1,820.43	123.92
22 47 13 00-0033 EA White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435) .....	2,338.30	123.92
22 47 13 00-0034 EA Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4) .....	2,003.74	158.08
22 47 13 00-0035 EA Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441) .....	2,730.51	123.92
22 47 13 00-0036 EA Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408) .....	2,884.05	123.92
<b>22 47 13 00-0037 Outdoor Drinking Fountains (22 47 13)</b>		
<b>22 47 13 00-0038 Face Mounted (22 47 13 00-0037)</b>		
22 47 13 00-0039 EA Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR) .....	1,518.57	123.92
22 47 13 00-0040 EA Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEFP-FR) .....	1,622.50	123.92
22 47 13 00-0041 EA Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592) .....	1,195.01	123.92
22 47 13 00-0042 EA Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR) .....	1,655.94	123.92
<b>22 47 13 00-0043 Free Standing (22 47 13 00-0037)</b>		
22 47 13 00-0044 EA Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715) .....	2,212.54	116.17
22 47 13 00-0045 EA Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR) .....	3,132.59	116.17
22 47 13 00-0046 EA Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710) .....	2,336.36	116.17
22 47 13 00-0047 EA Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR) .....	3,256.41	116.17
22 47 13 00-0048 EA Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720) .....	3,374.94	123.92
22 47 13 00-0049 EA Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR) .....	4,865.29	123.92
22 47 13 00-0050 EA Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591) .....	1,217.47	116.17
22 47 13 00-0051 EA Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590) .....	2,146.56	116.17
22 47 13 00-0052 EA Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR) .....	3,067.52	116.17
22 47 13 00-0053 EA Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595) .....	3,288.18	123.92
22 47 13 00-0054 EA Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR) .....	4,687.24	123.92
<b>22 47 16 Pressure Water Coolers (22 47)</b>		
<b>22 47 16 00-0001 Indoor Water Coolers (22 47 16)</b>		
<b>22 47 16 00-0002 Face Mounted Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0003 EA Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q) .....	2,627.51	123.92
22 47 16 00-0004 EA Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q) .....	2,806.46	123.92
<b>22 47 16 00-0005 Wall Mounted Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0006 EA Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q) .....	991.66	123.92
22 47 16 00-0007 EA Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q) .....	1,031.42	123.92
22 47 16 00-0008 EA Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q) .....	1,149.82	123.92
22 47 16 00-0009 EA Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS) .....	1,174.22	123.92
22 47 16 00-0010 EA Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA) .....	856.63	123.92
22 47 16 00-0011 EA Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS) .....	1,055.83	123.92
22 47 16 00-0012 EA Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS) .....	961.83	123.92
22 47 16 00-0013 EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS) .....	1,686.77	185.88
<b>22 47 16 00-0014 Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)</b>		

**22 Plumbing****22 40 Plumbing Fixtures****22 47 Drinking Fountains And Water Coolers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0015 EA Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q).....	1,487.84	123.92
<b>22 47 16 00-0016 Fully Recessed Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0017 EA Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q) .....	2,460.54	139.41
22 47 16 00-0018 EA Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762) .....	3,644.50	139.41
22 47 16 00-0019 EA Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700).....	4,283.48	139.41
<b>22 47 16 00-0020 Free Standing Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0021 EA Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q) .....	990.49	108.43
22 47 16 00-0022 EA Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q) .....	1,030.26	108.43
22 47 16 00-0023 EA Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q) .....	1,149.56	108.43
22 47 16 00-0024 EA Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q) .....	1,344.78	108.43
<b>22 47 16 00-0025 Bottled Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0026 EA Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water .....	396.26	61.96
22 47 16 00-0027 EA Free-Standing Bottled Water Cooler With Chilled Or Hot Water .....	483.02	61.96
<b>22 47 16 00-0028 Multi-Station Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0029 EA Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q) .....	3,644.37	185.88
22 47 16 00-0030 EA Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q).....	3,816.09	185.88
22 47 16 00-0031 EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS) .....	1,609.05	185.88
<b>22 47 16 00-0032 Outdoor Water Coolers (22 47 16)</b>		
<b>22 47 16 00-0033 Wall Mounted Outdoor Water Coolers (22 47 16 00-0032)</b>		
22 47 16 00-0034 EA Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS).....	1,316.27	77.45
22 47 16 00-0035 EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS).....	2,117.02	77.45
<b>22 47 16 00-0036 Free Standing Outdoor Water Coolers (22 47 16 00-0032)</b>		
22 47 16 00-0037 EA Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q) .....	1,771.49	116.17
22 47 16 00-0038 EA Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q).....	2,127.58	116.17
<b>22 47 16 00-0039 Removal And Reinstallation Of Fixtures And Trim (22 47 16)</b>		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0040 EA Remove And Reinstall Wall Hung Water Cooler .....	302.91	
22 47 16 00-0041 EA Remove And Reinstall Floor Mount Water Cooler .....	67.30	
<b>22 47 23 Remote Water Coolers (22 47)</b>		
<b>22 47 23 00-0001 Remote Chillers (22 47 23)</b>		
22 47 23 00-0002 EA 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q) .....	708.16	41.82
22 47 23 00-0003 EA 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q) .....	1,084.39	46.47
22 47 23 00-0004 EA 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q) .....	852.25	54.21
22 47 23 00-0005 EA 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q) .....	1,214.79	61.96
22 47 23 00-0006 EA 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q) .....	1,722.33	92.94
22 47 23 00-0007 EA 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q) .....	2,184.29	100.69
<b>22 47 26 Fixture Carriers (22 47)</b>		
<b>22 47 26 00-0001 Water Cooler Carriers (22 47 26)</b>		
<b>22 47 26 00-0002 Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)</b>		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003 EA Floor Mounted Hanger Plate Type, Single Water Cooler Carrier .....	300.49	23.55
For Up To 4" Extension Sleeves And Hardware, Add	14.68	
For Bi-Level Carrier, Add	166.98	
22 47 26 00-0004 EA Floor Mounted Bearing Plate Type, Single Water Cooler Carrier .....	327.05	23.55
For Up To 4" Extension Sleeves And Hardware, Add	14.68	
For Bi-Level Carrier, Add	166.98	

**22 50 Pool And Fountain Plumbing Systems (22)**



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Pool And Fountain Plumbing Systems</b>	<b>22 50</b>	
<b>Swimming Pool Plumbing Systems</b>	<b>22 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 51 Swimming Pool Plumbing Systems (22 50)</b>		
<b>22 51 13 Swimming Pool Piping (22 51)</b>		
<b>22 51 13 00-0001 Swimming Pool Gutters (22 51 13)</b>		
22 51 13 00-0002 LF Swimming Pool Gutters, Stainless.....	213.70	13.94
<b>22 51 13 00-0003 Pool Drains (22 51 13)</b>		
<b>22 51 13 00-0004 Cast Iron Pool Drain With Bottom Outlet (22 51 13 00-0003)</b>		
Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005 EA Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate.....	1,283.94	39.03
For Polished Bronze Top, Add	769.60	
For Chromium Plated Top, Add	805.00	
For Vandal Proof Construction, Add	57.20	
For Galvanized Top, Add	276.40	
<b>22 51 13 00-0006 Cast Iron Pool Drain With Waterproof Flange (22 51 13 00-0003)</b>		
Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007 EA Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top.....	389.30	39.03
For Polished Bronze Top, Add	133.50	
For Chromium Plated Top, Add	146.90	
For Vandal Proof Construction, Add	17.10	
For Clamp Device, Add	13.80	
For Threaded Outlet, Add	9.50	
For Galvanized Top, Add	38.10	
For Ground Screw, Add	18.30	
For Hinge Grate, Add	28.60	
For Supplementary Strainer, Add	7.00	
<b>22 51 13 00-0008 Pool Supply Fittings (22 51 13)</b>		
<b>22 51 13 00-0009 Cast Iron Pool Supply Fittings (22 51 13 00-0008)</b>		
Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		
22 51 13 00-0010 EA Cast Iron Pool Fitting For 2" Pipe.....	491.89	69.71
For Galvanized Head, Add	26.30	
For Grounding Screw, Add	18.30	
For Vandal Proof Construction, Add	11.50	
22 51 13 00-0011 EA Cast Iron Pool Fitting For 3" Pipe.....	491.89	69.71
For Galvanized Head, Add	26.30	
For Grounding Screw, Add	18.30	
For Chromium Plated Head, Add	11.50	
For Vandal Proof Construction, Add	11.50	
<b>22 51 16 Swimming Pool Pumps (22 51)</b>		
<b>22 51 16 00-0001 Variable Speed Pool Pumps (22 51 16)</b>		
22 51 16 00-0002 EA 3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017).....	1,520.51	263.33
22 51 16 00-0003 EA Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP).....	1,661.55	263.33
22 51 16 00-0004 EA Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR).....	1,850.86	263.33
<b>22 51 16 00-0005 Electric Powered Portable Vacuum Cleaner Pump (22 51 16)</b>		
Note: Includes 75' of 3 wire electric safety cord.		
22 51 16 00-0006 EA 1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord.....	273.29	30.98
22 51 16 00-0007 EA 1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord.....	533.74	30.98
<b>22 51 16 00-0008 Gasoline Driven Portable Vacuum Cleaner Pump (22 51 16)</b>		
22 51 16 00-0009 EA 3 HP Gasoline Driven Portable Vacuum Cleaner Pump.....	2,265.18	30.98
<b>22 51 19 Swimming Pool Water Treatment Equipment (22 51)</b>		
<b>22 51 19 00-0001 Condensing Pool Water Heater (22 51 19)</b>		
22 51 19 00-0002 EA 372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400).....	20,269.50	444.18
22 51 19 00-0003 EA 467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501).....	22,098.11	533.01
22 51 19 00-0004 EA 567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601).....	24,230.68	577.44
22 51 19 00-0005 EA 660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701).....	29,738.41	621.85
22 51 19 00-0006 EA 773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801).....	30,853.46	666.27
22 51 19 00-0007 EA 967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015).....	46,700.68	799.53
22 51 19 00-0008 EA 1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320).....	59,786.18	843.95
22 51 19 00-0009 EA 1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520).....	62,207.69	910.57
<b>22 51 19 00-0010 Non Condensing Pool Water Heater (22 51 19)</b>		
22 51 19 00-0011 EA 500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0502).....	11,023.43	577.44

**22 Plumbing****22 50 Pool And Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0012	EA		650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0652)	11,750.40	621.85
22 51 19 00-0013	EA		750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0752)	12,797.61	666.27
22 51 19 00-0014	EA		990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0992)	16,885.78	799.53
22 51 19 00-0015	EA		1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1262)	19,540.51	843.95
22 51 19 00-0016	EA		1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1442)	20,863.26	910.57
22 51 19 00-0017	EA		1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1802)	20,688.66	954.99
22 51 19 00-0018	EA		2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN2072)	26,730.93	977.19
<b>22 51 19 00-0019</b>			<b>Swimming Pool Heaters</b> (22 51 19) Note: Excludes wiring, external piping, base or pad. Commercial pools.		
<b>22 51 19 00-0020</b>			<b>Electric Pool Heaters</b> (22 51 19 00-0019)		
22 51 19 00-0021	EA		12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	2,738.08	123.92
22 51 19 00-0022	EA		18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	3,062.74	133.21
22 51 19 00-0023	EA		24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	3,399.28	154.90
22 51 19 00-0024	EA		30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	3,588.23	185.88
22 51 19 00-0025	EA		36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	3,921.76	260.23
22 51 19 00-0026	EA		60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	4,461.09	371.76
<b>22 51 19 00-0027</b>			<b>Gas Fired Pool Heaters</b> (22 51 19 00-0019)		
22 51 19 00-0028	EA		120 MBH Output Gas Fired Pool Heater	2,841.75	273.71
22 51 19 00-0029	EA		180 MBH Output Gas Fired Pool Heater	3,261.53	325.03
22 51 19 00-0030	EA		240 MBH Output Gas Fired Pool Heater	4,182.70	570.23
22 51 19 00-0031	EA		300 MBH Output Gas Fired Pool Heater	4,948.88	684.28
22 51 19 00-0032	EA		360 MBH Output Gas Fired Pool Heater	5,275.82	781.45
22 51 19 00-0033	EA		400 MBH Output Gas Fired Pool Heater	6,092.44	937.81
<b>22 51 19 00-0034</b>			<b>Surge Tanks</b> (22 51 19) Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0035	EA		1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	10,451.29	469.94
22 51 19 00-0036	EA		1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	11,714.12	469.94
22 51 19 00-0037	EA		2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	14,079.71	584.69
22 51 19 00-0038	EA		5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	18,646.25	943.63
<b>22 51 19 00-0039</b>			<b>Diatomite Type Filter System</b> (22 51 19)		
22 51 19 00-0040	EA		35,000 Gallon Filter System, Diatomite	8,094.93	1,597.37
22 51 19 00-0041	EA		45,000 Gallon Filter System, Diatomite	9,640.66	1,916.84
<b>22 51 19 00-0042</b>			<b>Silver Recovery System, X-Ray Film Processing</b> (22 51 19)		
22 51 19 00-0043	EA		20 Gallon/Day Capacity, Silver Recovery System	1,243.13	210.31
22 51 19 00-0044	EA		40 Gallon/Day Capacity, Silver Recovery System	1,831.96	280.44
<b>22 51 19 00-0045</b>			<b>Inline Water Filter</b> (22 51 19) Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0046	EA		2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	159.34	61.96
22 51 19 00-0047	EA		6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	298.39	92.94
<b>22 51 19 00-0048</b>			<b>Swimming Pool Chlorinators</b> (22 51 19)		
22 51 19 00-0049	EA		Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	851.29	88.60
<b>22 51 23</b>			<b>Swimming Pool Equipment Controls</b> (22 51)		
<b>22 51 23 00-0001</b>			<b>Pentair Acu Drive XS Pool Pump Variable Frequency Drive</b> (22 51 23)		
22 51 23 00-0002	EA		3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	2,509.28	132.47
22 51 23 00-0003	EA		5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	2,694.63	149.03
22 51 23 00-0004	EA		7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	3,227.90	186.29
22 51 23 00-0005	EA		10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	3,434.11	222.31
22 51 23 00-0006	EA		15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	3,676.78	258.73
22 51 23 00-0007	EA		20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	4,167.27	295.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0008 EA 3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01).....	2,512.43	132.47
22 51 23 00-0009 EA 5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01).....	2,649.41	149.03
22 51 23 00-0010 EA 7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01).....	2,857.70	186.29
22 51 23 00-0011 EA 10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01).....	3,074.43	222.31
22 51 23 00-0012 EA 15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01).....	3,625.24	258.73
22 51 23 00-0013 EA 20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01).....	4,027.39	295.58
22 51 23 00-0014 EA 3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB).....	3,239.16	132.47
22 51 23 00-0015 EA 5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB).....	3,724.25	149.03
22 51 23 00-0016 EA 7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB).....	4,140.77	186.29
22 51 23 00-0017 EA 10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB).....	4,465.83	222.31
22 51 23 00-0018 EA 15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB).....	5,257.48	258.73
22 51 23 00-0019 EA 20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB).....	5,927.82	295.58
22 51 23 00-0020 EA 3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB).....	3,477.89	132.47
22 51 23 00-0021 EA 5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB).....	3,617.19	149.03
22 51 23 00-0022 EA 7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB).....	3,822.11	186.29
22 51 23 00-0023 EA 10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB).....	4,039.89	222.31
22 51 23 00-0024 EA 15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB).....	4,610.69	258.73
22 51 23 00-0025 EA 20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB).....	5,045.44	295.58
22 51 23 00-0026 EA 1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12).....	2,388.17	132.47
22 51 23 00-0027 EA 3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12).....	2,427.81	132.47
22 51 23 00-0028 EA 1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12).....	2,452.31	132.47
22 51 23 00-0029 EA 1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12).....	2,518.30	132.47
22 51 23 00-0030 EA 2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12).....	2,617.99	132.47
22 51 23 00-0031 EA 3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12).....	2,695.32	132.47
22 51 23 00-0032 EA 5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12).....	2,885.94	149.03
22 51 23 00-0033 EA 7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12).....	3,441.26	186.29
22 51 23 00-0034 EA 10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12).....	3,682.28	222.31
22 51 23 00-0035 EA 15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12).....	3,932.35	258.73
22 51 23 00-0036 EA 20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12).....	4,467.96	295.58
22 51 23 00-0037 EA 25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12).....	5,867.49	368.43
22 51 23 00-0038 EA 30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12).....	6,477.05	405.70
22 51 23 00-0039 EA 40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12).....	7,659.35	442.95
22 51 23 00-0040 EA 50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12).....	8,911.91	517.47
22 51 23 00-0041 EA 60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12).....	9,761.90	554.72
22 51 23 00-0042 EA 1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12).....	2,437.57	132.47
22 51 23 00-0043 EA 3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12).....	2,488.78	132.47
22 51 23 00-0044 EA 1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12).....	2,553.21	132.47
22 51 23 00-0045 EA 1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12).....	2,608.59	132.47
22 51 23 00-0046 EA 2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12).....	2,665.03	132.47
22 51 23 00-0047 EA 3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12).....	2,724.58	132.47
22 51 23 00-0048 EA 5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12).....	2,866.08	149.03
22 51 23 00-0049 EA 7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12).....	3,076.57	186.29

**22 Plumbing****22 50 Pool And Fountain Plumbing Systems**

22 51 Swimming Pool Plumbing Systems


**ARLINGTON**  
 VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12).....	3,298.57	222.31
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12).....	4,008.22	258.73
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12).....	4,419.68	295.58
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12).....	4,873.29	368.43
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12).....	5,511.60	405.70
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12).....	6,221.85	442.95
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12).....	7,623.67	517.47
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12).....	8,375.06	554.72
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12).....	9,390.13	591.99
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12).....	11,122.28	627.17
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12).....	12,824.15	662.36
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12).....	13,910.52	741.02
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12).....	16,237.03	811.39
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB).....	3,445.19	132.47
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB).....	3,484.84	132.47
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB).....	3,509.33	132.47
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB).....	3,575.32	132.47
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB).....	3,675.02	132.47
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB).....	3,752.35	132.47
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB).....	3,942.96	149.03
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB).....	4,378.62	186.29
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB).....	4,741.86	222.31
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB).....	5,554.69	258.73
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB).....	6,277.59	295.58
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB).....	7,390.50	368.43
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB).....	8,136.45	405.70
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB).....	10,391.39	442.95
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB).....	13,699.27	517.47
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB).....	15,055.31	554.72
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB).....	3,430.19	132.47
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB).....	3,481.39	132.47
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB).....	3,545.82	132.47
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB).....	3,601.21	132.47
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB).....	3,657.63	132.47
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB).....	3,717.20	132.47
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB).....	3,858.70	149.03
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB).....	4,068.11	186.29
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB).....	4,290.11	222.31
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB).....	5,021.29	258.73
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB).....	5,466.07	295.58
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB).....	5,990.60	368.43
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB).....	6,751.26	405.70





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0092 EA 40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB) .....	7,993.43	442.95
22 51 23 00-0093 EA 50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB) .....	9,198.14	517.47
22 51 23 00-0094 EA 60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB) .....	10,239.69	554.72
22 51 23 00-0095 EA 75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB) .....	11,888.78	591.99
22 51 23 00-0096 EA 100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB) .....	15,673.23	627.17
22 51 23 00-0097 EA 125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB) .....	17,337.56	662.36
22 51 23 00-0098 EA 150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB) .....	21,778.73	741.02
22 51 23 00-0099 EA 200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB) .....	25,588.25	811.39
22 51 23 00-0100 EA 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136) .....	234.82	
22 51 23 00-0101 EA 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236) .....	374.72	
22 51 23 00-0102 EA 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172) .....	414.69	
22 51 23 00-0103 EA 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272) .....	704.47	
22 51 23 00-0104 EA 380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372) .....	1,343.99	
22 51 23 00-0105 EA 3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT) .....	841.44	
22 51 23 00-0106 EA 4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT) .....	879.78	
22 51 23 00-0107 EA 6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT) .....	960.14	
22 51 23 00-0108 EA 8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT) .....	1,029.83	
22 51 23 00-0109 EA 3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT) .....	1,203.88	
22 51 23 00-0110 EA 4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT) .....	1,239.89	
22 51 23 00-0111 EA 6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT) .....	1,316.56	
22 51 23 00-0112 EA 8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT) .....	1,384.08	
22 51 23 00-0113 EA 10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT) .....	1,654.36	
22 51 23 00-0114 EA 12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT) .....	1,661.08	
<b>22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options (22 51 23)</b>		
<b>22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive (22 51 23 00-0115)</b>		
22 51 23 00-0117 EA 2 HP, 480 Volt, 3 Phase, 4 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4) .....	1,997.73	110.40
For Bypass Panel, Add	463.61	
22 51 23 00-0118 EA 3 HP, 480 Volt, 3 Phase, 6 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4) .....	1,999.63	110.40
For Bypass Panel, Add	463.61	
22 51 23 00-0119 EA 5 HP, 480 Volt, 3 Phase, 8 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4) .....	2,037.32	124.19
For Bypass Panel, Add	463.61	
22 51 23 00-0120 EA 7-1/2 HP, 480 Volt, 3 Phase, 12 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4) .....	2,120.25	155.24
For Bypass Panel, Add	463.61	
22 51 23 00-0121 EA 10 HP, 480 Volt, 3 Phase, 16 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4) .....	2,297.01	185.26
For Bypass Panel, Add	463.61	
22 51 23 00-0122 EA 15 HP, 480 Volt, 3 Phase, 24 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4) .....	2,558.40	215.61
For Bypass Panel, Add	546.47	
22 51 23 00-0123 EA 20 HP, 480 Volt, 3 Phase, 30 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4) .....	3,013.55	246.31
For Bypass Panel, Add	546.47	
22 51 23 00-0124 EA 25 HP, 480 Volt, 3 Phase, 39 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4) .....	3,148.47	308.41
For Bypass Panel, Add	546.47	
22 51 23 00-0125 EA 30 HP, 480 Volt, 3 Phase, 45 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4) .....	3,759.50	339.12
For Bypass Panel, Add	546.47	
22 51 23 00-0126 EA 40 HP, 480 Volt, 3 Phase, 61 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4) .....	3,881.43	369.47
For Bypass Panel, Add	663.42	
22 51 23 00-0127 EA 1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2) .....	1,987.00	110.40
For Bypass Panel, Add	463.61	
22 51 23 00-0128 EA 1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2) .....	1,989.53	110.40
For Bypass Panel, Add	463.61	
22 51 23 00-0129 EA 1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2) .....	2,001.52	110.40
For Bypass Panel, Add	463.61	
22 51 23 00-0130 EA 5 HP, 208/230 Volt, 1 Phase, 24 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2) .....	2,047.42	124.19
For Bypass Panel, Add	546.47	

**22 Plumbing****22 50 Pool And Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0131	EA		3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2) .....	2,228.78	155.24
			<i>For Bypass Panel, Add</i>	546.47	
22 51 23 00-0132	EA		5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2) .....	2,487.58	185.26
			<i>For Bypass Panel, Add</i>	546.47	
22 51 23 00-0133	EA		7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2) .....	2,946.48	215.61
			<i>For Bypass Panel, Add</i>	663.42	
22 51 23 00-0134	EA		10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2) .....	3,019.87	246.31
			<i>For Bypass Panel, Add</i>	663.42	
22 51 23 00-0135	EA		25 HP, 208/230 Volt, 1 Phase, 88 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2) .....	3,689.26	308.41
			<i>For Bypass Panel, Add</i>	896.48	
22 51 23 00-0136	EA		15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amps Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2) .....	3,812.51	339.12
			<i>For Bypass Panel, Add</i>	1,229.24	
<b>22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options (22 51 23 00-0115)</b>					
22 51 23 00-0138	EA		0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30) .....	282.35	51.74
22 51 23 00-0139	EA		0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100) .....	282.35	51.74
22 51 23 00-0140	EA		Lightning Arrestor (H2Flow LA) .....	294.90	34.50
22 51 23 00-0141	EA		2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00) .....	326.37	15.52
22 51 23 00-0142	EA		3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00) .....	337.39	17.25
22 51 23 00-0143	EA		5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00) .....	345.89	18.98
22 51 23 00-0144	EA		7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00) .....	361.32	20.70
22 51 23 00-0145	EA		10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00) .....	368.56	22.42
22 51 23 00-0146	EA		15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00) .....	479.92	24.15
22 51 23 00-0147	EA		20 HP, 480 Volt, Load Reactor (TCI V1K27A00) .....	500.40	25.87
22 51 23 00-0148	EA		25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00) .....	522.79	27.60
22 51 23 00-0149	EA		30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00) .....	544.53	29.33
22 51 23 00-0150	EA		40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00) .....	563.76	31.05
22 51 23 00-0151	EA		25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00) .....	772.92	32.77
22 51 23 00-0152	EA		1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L) .....	102.02	17.25
22 51 23 00-0153	EA		2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L) .....	109.26	18.98
22 51 23 00-0154	EA		3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L) .....	122.16	20.70
22 51 23 00-0155	EA		5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L) .....	159.70	22.42
22 51 23 00-0156	EA		7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L) .....	178.92	24.15
22 51 23 00-0157	EA		10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L) .....	185.52	25.87
22 51 23 00-0158	EA		15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L) .....	192.13	27.60
22 51 23 00-0159	EA		20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L) .....	203.77	29.33
22 51 23 00-0160	EA		25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L) .....	256.45	31.05
22 51 23 00-0161	EA		30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L) .....	263.69	32.77
22 51 23 00-0162	EA		1 HP, 480 Volt, Line Reactor (TCI KDRA8L) .....	102.65	17.25
22 51 23 00-0163	EA		2 HP, 480 Volt, Line Reactor (TCI KDRA1L) .....	113.04	18.98
22 51 23 00-0164	EA		3 HP, 480 Volt, Line Reactor (TCI KDRA2L) .....	124.05	20.70
22 51 23 00-0165	EA		5 HP, 480 Volt, Line Reactor (TCI KDRA3L) .....	130.67	22.42
22 51 23 00-0166	EA		7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L) .....	136.64	24.15
22 51 23 00-0167	EA		10 HP, 480 Volt, Line Reactor (TCI KDRA5L) .....	170.37	25.87
22 51 23 00-0168	EA		15 HP, 480 Volt, Line Reactor (TCI KDRB2L) .....	177.62	27.60
22 51 23 00-0169	EA		20 HP, 480 Volt, Line Reactor (TCI KDRB1L) .....	186.74	29.33
22 51 23 00-0170	EA		25 HP, 480 Volt, Line Reactor (TCI KDRD1L) .....	193.35	31.05
22 51 23 00-0171	EA		30 HP, 480 Volt, Line Reactor (TCI KDRD2L) .....	232.14	32.77
22 51 23 00-0172	EA		40 HP, 480 Volt, Line Reactor (TCI KDRC1L) .....	252.62	34.50
22 51 23 00-0173	EA		Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit .....	41.33	
22 51 23 00-0174	EA		Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit .....	55.89	
22 51 23 00-0175	EA		Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit .....	69.21	
<b>22 51 23 00-0176 Pool Flow Meters (22 51 23)</b>					
22 51 23 00-0177	EA		20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15) .....	74.26	12.39
22 51 23 00-0178	EA		20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R) .....	74.26	12.39
22 51 23 00-0179	EA		20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15) .....	116.64	23.23
22 51 23 00-0180	EA		20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C) .....	99.04	24.79
<b>22 51 23 00-0181 Paddlewheel Flow Sensors (22 51 23)</b>					
22 51 23 00-0182	EA		1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-PO) .....	494.62	39.85
			Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0183	EA		1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO) .....	651.74	39.85
22 51 23 00-0184	EA		1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO) .....	651.74	39.85
22 51 23 00-0185	EA		1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO) .....	676.35	39.85
22 51 23 00-0186	EA		1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO) .....	702.86	39.85
22 51 23 00-0187	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO) .....	753.02	39.85
22 51 23 00-0188	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO) .....	753.02	39.85



<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Pool And Fountain Plumbing Systems</b>	<b>22 50</b>	
<b>Swimming Pool Plumbing Systems</b>	<b>22 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0189 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO) .....	784.26	39.85
22 51 23 00-0190 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO) .....	814.55	39.85
22 51 23 00-0191 EA >4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) .....	516.39	39.85
Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0192 EA >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1) .....	676.35	39.85
22 51 23 00-0193 EA >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1) .....	676.35	39.85
22 51 23 00-0194 EA >4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1) .....	702.86	39.85
22 51 23 00-0195 EA >4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1) .....	727.47	39.85
22 51 23 00-0196 EA >8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) .....	536.27	39.85
Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0197 EA 2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020) .....	163.54	
22 51 23 00-0198 EA 4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040) .....	226.11	
22 51 23 00-0199 EA 6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060) .....	278.28	
22 51 23 00-0200 EA 8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080) .....	341.79	
22 51 23 00-0201 EA 10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100) .....	451.70	
22 51 23 00-0202 EA 12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120) .....	458.42	
22 51 23 00-0203 EA 24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524) .....	165.00	11.04
22 51 23 00-0204 EA 24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524) .....	224.63	11.04
22 51 23 00-0205 EA 24 Volt DC, Power Supply 30 Watt, 1.3 Amp (Signet 7300-3024) .....	275.74	11.04
22 51 23 00-0206 EA 24 Volt DC, Power Supply 50 Watt, 2.1 Amp (Signet 7300-5024) .....	347.68	11.04
22 51 23 00-0207 EA 24 Volt DC, Power Supply 100 Watt, 4.2 Amp (Signet 7300-1024) .....	480.19	11.04

## 22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities <sup>(22)</sup>

### 22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities <sup>(22 60)</sup>

#### 22 66 53 Laboratory Chemical-Waste And Vent Piping <sup>(22 66)</sup>

22 66 53 00-0001	Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <sup>(22 66 53)</sup>		
22 66 53 00-0002	Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fused Fittings <sup>(22 66 53 00-0001)</sup>		
22 66 53 00-0003	Schedule 40 Polypropylene Acid Resistant DWV Pipe <sup>(22 66 53 00-0002)</sup>		
22 66 53 00-0004	LF 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe .....	8.91	3.53
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	1.60	
	For Schedule 80, Add	1.87	
	For Work In Restricted Working Space, Add	1.60	
22 66 53 00-0005	LF 2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	10.83	3.96
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	2.16	
	For Schedule 80, Add	2.52	
	For Work In Restricted Working Space, Add	1.79	
22 66 53 00-0006	LF 3" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	17.43	5.76
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	3.90	
	For Schedule 80, Add	4.56	
	For Work In Restricted Working Space, Add	2.60	
22 66 53 00-0007	LF 4" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	23.70	7.50
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	5.53	
	For Schedule 80, Add	6.46	
	For Work In Restricted Working Space, Add	3.38	
22 66 53 00-0008	LF 6" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	38.93	11.03
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	9.97	
	For Schedule 80, Add	11.65	
	For Work In Restricted Working Space, Add	4.96	
22 66 53 00-0009	Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bends <sup>(22 66 53 00-0002)</sup>		
22 66 53 00-0010	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bend.....	34.44	13.33
	For Work In Restricted Working Space, Add	5.99	
22 66 53 00-0011	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bend.....	44.33	17.59
	For Work In Restricted Working Space, Add	7.91	
22 66 53 00-0012	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bend.....	60.71	20.14
	For Work In Restricted Working Space, Add	9.07	
22 66 53 00-0013	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bend.....	88.52	26.64
	For Work In Restricted Working Space, Add	11.99	
22 66 53 00-0014	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/4 Bend.....	178.30	39.34
	For Work In Restricted Working Space, Add	17.70	
22 66 53 00-0015	Schedule 40 Polypropylene Acid Resistant DWV Fused 1/8 Bends <sup>(22 66 53 00-0002)</sup>		
22 66 53 00-0016	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fused 1/8 Bend.....	34.20	13.33
	For Work In Restricted Working Space, Add	5.99	

**22 Plumbing****22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0017	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	43.68 7.91	17.59
22 66 53 00-0018	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	61.96 9.07	20.14
22 66 53 00-0019	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	75.98 11.99	26.64
22 66 53 00-0020	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	158.86 17.70	39.34
<b>22 66 53 00-0021</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees</b> (22 66 53 00-0002)		
22 66 53 00-0022	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	60.69 12.82	28.50
22 66 53 00-0023	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	75.40 16.16	35.93
22 66 53 00-0024	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	102.05 17.70	39.34
22 66 53 00-0025	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	141.92 23.24	51.67
22 66 53 00-0026	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	252.14 37.18	82.65
<b>22 66 53 00-0027</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees</b> (22 66 53 00-0002)		
22 66 53 00-0028	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	75.37 16.16	35.93
22 66 53 00-0029	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	99.05 17.70	39.34
22 66 53 00-0030	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	96.38 17.70	39.34
22 66 53 00-0031	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	135.07 23.24	51.67
22 66 53 00-0032	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	137.65 23.24	51.67
22 66 53 00-0033	EA		6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	233.06 37.18	82.65
<b>22 66 53 00-0034</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug</b> (22 66 53 00-0002)		
22 66 53 00-0035	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug..... <i>For Work In Restricted Working Space, Add</i>	69.46 12.82	28.50
22 66 53 00-0036	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug..... <i>For Work In Restricted Working Space, Add</i>	77.52 16.16	35.93
22 66 53 00-0037	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug..... <i>For Work In Restricted Working Space, Add</i>	108.55 17.70	39.34
22 66 53 00-0038	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug..... <i>For Work In Restricted Working Space, Add</i>	144.91 23.24	51.67
22 66 53 00-0039	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug..... <i>For Work In Restricted Working Space, Add</i>	215.14 37.18	82.65
<b>22 66 53 00-0040</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes</b> (22 66 53 00-0002)		
22 66 53 00-0041	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	65.62 12.82	28.50
22 66 53 00-0042	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	79.96 16.16	35.93
22 66 53 00-0043	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	104.77 17.70	39.34
22 66 53 00-0044	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	144.17 23.24	51.67
22 66 53 00-0045	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	293.31 37.18	82.65
<b>22 66 53 00-0046</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes</b> (22 66 53 00-0002)		
22 66 53 00-0047	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	85.99 16.16	35.93
22 66 53 00-0048	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	101.68 17.70	39.34
22 66 53 00-0049	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	101.68 17.70	39.34
22 66 53 00-0050	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	141.50 23.24	51.67
22 66 53 00-0051	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	141.50 23.24	51.67
22 66 53 00-0052	EA		6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	257.85 37.18	82.65
22 66 53 00-0053	EA		6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	259.92 37.18	82.65



<b>Plumbing</b>	<b>22</b>
<b>Gas and Vacuum Systems For Laboratory And Healthcare Facilities</b>	<b>22 60</b>
<b>Chemical-Waste Systems for Laboratory and Healthcare Facilities</b>	<b>22 66</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0054 EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	233.93 37.18	82.65
<b>22 66 53 00-0055 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses (22 66 53 00-0002)</b>		
22 66 53 00-0056 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross ..... <i>For Work In Restricted Working Space, Add</i>	81.58 16.03	35.63
22 66 53 00-0057 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	101.09 20.21	44.92
22 66 53 00-0058 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	141.25 22.13	49.20
22 66 53 00-0059 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	197.88 29.04	64.56
22 66 53 00-0060 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	355.90 46.47	103.29
<b>22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends (22 66 53 00-0002)</b>		
22 66 53 00-0062 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	59.09 12.82	28.50
22 66 53 00-0063 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	77.78 16.16	35.93
22 66 53 00-0064 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	89.58 17.70	39.34
22 66 53 00-0065 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	125.01 23.24	51.67
22 66 53 00-0066 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	70.67 16.16	35.93
22 66 53 00-0067 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	86.72 17.70	39.34
22 66 53 00-0068 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	87.87 17.70	39.34
22 66 53 00-0069 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	120.75 23.24	51.67
22 66 53 00-0070 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	121.48 23.24	51.67
<b>22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps (22 66 53 00-0002)</b>		
22 66 53 00-0072 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	70.09 14.87	33.09
22 66 53 00-0073 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	93.45 19.57	43.50
22 66 53 00-0074 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	144.04 26.55	59.05
22 66 53 00-0075 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	205.96 33.80	75.16
<b>22 66 53 00-0076 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters (22 66 53 00-0002)</b>		
22 66 53 00-0077 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter..... <i>For Work In Restricted Working Space, Add</i>	33.76 5.99	13.33
22 66 53 00-0078 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	40.73 7.91	17.59
22 66 53 00-0079 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	47.99 9.07	20.14
22 66 53 00-0080 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	65.60 11.99	26.64
22 66 53 00-0081 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	97.36 17.70	39.34
<b>22 66 53 00-0082 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters (22 66 53 00-0002)</b>		
22 66 53 00-0083 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter..... <i>For Work In Restricted Working Space, Add</i>	32.03 5.99	13.33
22 66 53 00-0084 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	42.04 7.91	17.59
22 66 53 00-0085 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	50.39 9.07	20.14
22 66 53 00-0086 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	67.95 11.99	26.64
<b>22 66 53 00-0087 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings (22 66 53 00-0002)</b>		
22 66 53 00-0088 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	29.88 5.99	13.33
22 66 53 00-0089 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	38.18 7.91	17.59

**22 Plumbing****22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0090 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	44.55 9.07	20.14
22 66 53 00-0091 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	58.93 11.99	26.64
22 66 53 00-0092 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling..... <i>For Work In Restricted Working Space, Add</i>	86.55 17.70	39.34
<b>22 66 53 00-0093 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)</b> Note: Acid resistant. ASTM A518.		
<b>22 66 53 00-0094 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe (22 66 53 00-0093)</b>		
22 66 53 00-0095 LF 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	60.95	5.52
22 66 53 00-0096 LF 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	85.77	6.88
22 66 53 00-0097 LF 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	116.69	7.93
22 66 53 00-0098 LF 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	190.63	10.54
22 66 53 00-0099 LF 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	336.82	14.20
22 66 53 00-0100 LF 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	596.15	17.91
22 66 53 00-0101 LF 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	1,063.52	24.12
22 66 53 00-0102 LF 15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	1,895.30	27.66
<b>22 66 53 00-0103 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings (22 66 53 00-0093)</b>		
<b>22 66 53 00-0104 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps (22 66 53 00-0103)</b>		
22 66 53 00-0105 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	243.81	46.97
22 66 53 00-0106 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	318.63	51.67
22 66 53 00-0107 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	517.32	61.84
22 66 53 00-0108 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	764.17	69.63
22 66 53 00-0109 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	1,760.29	114.10
<b>22 66 53 00-0110 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends (22 66 53 00-0103)</b>		
22 66 53 00-0111 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	142.16	46.97
22 66 53 00-0112 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	185.09	51.67
22 66 53 00-0113 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	232.29	61.84
22 66 53 00-0114 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	606.70	69.63
22 66 53 00-0115 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	1,380.98	114.10
22 66 53 00-0116 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	2,099.48	142.16
22 66 53 00-0117 EA 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	3,085.77	170.96
<b>22 66 53 00-0118 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends (22 66 53 00-0103)</b>		
22 66 53 00-0119 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	142.16	46.97
22 66 53 00-0120 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	185.09	51.67
22 66 53 00-0121 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	232.29	61.84
22 66 53 00-0122 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	443.25	69.63
22 66 53 00-0123 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	1,169.69	114.10
22 66 53 00-0124 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	1,711.09	142.16
22 66 53 00-0125 EA 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	2,428.30	170.96
<b>22 66 53 00-0126 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends (22 66 53 00-0103)</b>		
22 66 53 00-0127 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	142.16	46.97
22 66 53 00-0128 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	185.09	51.67
22 66 53 00-0129 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	232.14	61.78
<b>22 66 53 00-0130 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps (22 66 53 00-0103)</b>		
22 66 53 00-0131 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	193.98	46.97
22 66 53 00-0132 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	342.55	51.67
22 66 53 00-0133 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	383.78	61.84
<b>22 66 53 00-0134 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees (22 66 53 00-0103)</b>		
22 66 53 00-0135 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	201.05	70.26
22 66 53 00-0136 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	252.31	77.88
22 66 53 00-0137 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	350.73	93.00
22 66 53 00-0138 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	575.47	104.64
22 66 53 00-0139 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	1,773.70	171.29
22 66 53 00-0140 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	2,520.18	213.89
<b>22 66 53 00-0141 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0103)</b>		
22 66 53 00-0142 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	188.70	67.35



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0143 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	220.05	72.31
22 66 53 00-0144 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	245.76	74.84
22 66 53 00-0145 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	281.39	82.65
22 66 53 00-0146 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	301.28	85.25
22 66 53 00-0147 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	330.92	87.80
22 66 53 00-0148 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	405.18	90.55
22 66 53 00-0149 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	450.22	92.88
22 66 53 00-0150 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	504.45	97.15
<b>22 66 53 00-0151 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0152 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	228.92	70.26
22 66 53 00-0153 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	275.93	77.70
22 66 53 00-0154 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	376.63	93.00
<b>22 66 53 00-0155 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0156 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	216.59	67.35
22 66 53 00-0157 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	270.20	75.22
22 66 53 00-0158 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	325.56	85.51
22 66 53 00-0159 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	349.23	88.05
<b>22 66 53 00-0160 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0161 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	199.18	70.38
22 66 53 00-0162 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	274.24	77.88
22 66 53 00-0163 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	350.62	92.94
22 66 53 00-0164 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	578.85	104.25
22 66 53 00-0165 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	2,223.91	171.13
<b>22 66 53 00-0166 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0167 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	204.63	67.35
22 66 53 00-0168 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	220.02	72.31
22 66 53 00-0169 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	232.46	75.28
22 66 53 00-0170 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	259.46	82.65
22 66 53 00-0171 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	269.54	85.38
22 66 53 00-0172 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	323.32	88.05
22 66 53 00-0173 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	426.96	90.66
22 66 53 00-0174 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	508.02	92.88
22 66 53 00-0175 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	530.36	97.15
22 66 53 00-0176 EA 8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,305.28	138.05
22 66 53 00-0177 EA 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,409.78	142.62
22 66 53 00-0178 EA 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,725.64	149.91
<b>22 66 53 00-0179 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0180 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	236.85	70.26
22 66 53 00-0181 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	281.91	77.70
22 66 53 00-0182 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	416.49	93.00
22 66 53 00-0183 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	630.87	104.36
<b>22 66 53 00-0184 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0185 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	196.66	67.35
22 66 53 00-0186 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	228.00	72.31
22 66 53 00-0187 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	252.26	75.22
22 66 53 00-0188 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	273.41	82.65
22 66 53 00-0189 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	315.60	85.51
22 66 53 00-0190 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	357.18	87.99
22 66 53 00-0191 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	452.83	90.66
22 66 53 00-0192 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	565.87	92.93
22 66 53 00-0193 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	620.29	97.32
<b>22 66 53 00-0194 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0195 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	122.12	44.24
22 66 53 00-0196 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	133.79	46.72
22 66 53 00-0197 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	149.47	49.20
22 66 53 00-0198 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	239.25	54.53
22 66 53 00-0199 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	250.95	57.07
22 66 53 00-0200 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	266.51	58.09
22 66 53 00-0201 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	346.90	62.53
22 66 53 00-0202 EA 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	505.01	85.60
22 66 53 00-0203 EA 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	537.82	92.83

**22 Plumbing****22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 66 53 00-0204		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaseers</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0205	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaseer .....	326.32	103.29
22 66 53 00-0206	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaseer .....	429.97	103.29
22 66 53 00-0207	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaseer .....	439.27	103.29
22 66 53 00-0208	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaseer .....	483.22	129.56
22 66 53 00-0209		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0210	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	361.41	46.97
22 66 53 00-0211	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	436.24	51.67
22 66 53 00-0212	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	531.28	61.84
22 66 53 00-0213	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	1,557.48	69.63
22 66 53 00-0214		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs</b> <small>(22 66 53 00-0103)</small>		
22 66 53 00-0215	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	180.03	46.97
22 66 53 00-0216	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	226.94	51.67
22 66 53 00-0217	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	312.02	61.84
22 66 53 00-0218	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	395.08	69.63
22 66 53 00-0219	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	771.56	97.15
22 66 53 00-0220		<b>Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0093)</small>		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0221	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	1.55	
22 66 53 00-0222	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings .....	36.54	
22 66 53 00-0223		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings</b> <small>(22 66 53)</small>		
		Note: ASTM A518.		
22 66 53 00-0224		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe</b> <small>(22 66 53 00-0223)</small>		
22 66 53 00-0225	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	48.35	4.16
22 66 53 00-0226	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	55.02	4.58
22 66 53 00-0227	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	75.89	5.76
22 66 53 00-0228	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	95.71	6.69
22 66 53 00-0229		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings</b> <small>(22 66 53 00-0223)</small>		
22 66 53 00-0230		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0231	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	178.90	32.90
22 66 53 00-0232	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	193.30	37.17
22 66 53 00-0233	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	264.78	41.02
22 66 53 00-0234	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	319.52	49.57
22 66 53 00-0235		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0236	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	101.16	32.90
22 66 53 00-0237	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	120.96	36.80
22 66 53 00-0238	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	155.36	41.14
22 66 53 00-0239	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	203.35	49.20
22 66 53 00-0240	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	117.89	34.76
22 66 53 00-0241		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0242	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	101.16	32.90
22 66 53 00-0243	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	120.96	36.80
22 66 53 00-0244	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	155.36	41.14
22 66 53 00-0245	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	203.35	49.20
22 66 53 00-0246		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0247	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	119.10	32.90
22 66 53 00-0248	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	148.86	36.80
22 66 53 00-0249	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	229.11	41.14
22 66 53 00-0250	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	257.17	49.20





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 66 53 00-0251</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0229)</small>		
22 66 53 00-0252 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend .....	115.12	32.90
22 66 53 00-0253 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	136.90	36.80
22 66 53 00-0254 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	211.17	41.14
22 66 53 00-0255 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	239.23	49.20
<b>22 66 53 00-0256</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends <small>(22 66 53 00-0229)</small>		
22 66 53 00-0257 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend.....	173.89	49.50
<b>22 66 53 00-0258</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees <small>(22 66 53 00-0229)</small>		
22 66 53 00-0259 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	142.00	49.50
22 66 53 00-0260 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	175.29	55.77
22 66 53 00-0261 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	230.70	62.14
22 66 53 00-0262 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	348.72	74.41
<b>22 66 53 00-0263</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees <small>(22 66 53 00-0229)</small>		
22 66 53 00-0264 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	164.18	53.66
22 66 53 00-0265 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	200.35	57.87
22 66 53 00-0266 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee.....	213.37	59.91
22 66 53 00-0267 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	228.64	66.11
22 66 53 00-0268 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	251.42	67.97
22 66 53 00-0269 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	272.45	70.01
<b>22 66 53 00-0270</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0229)</small>		
22 66 53 00-0271 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	142.24	49.69
22 66 53 00-0272 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	167.32	55.77
22 66 53 00-0273 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	222.73	62.14
22 66 53 00-0274 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	348.72	74.41
<b>22 66 53 00-0275</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0229)</small>		
22 66 53 00-0276 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	158.62	53.97
22 66 53 00-0277 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	194.36	57.80
22 66 53 00-0278 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	203.69	60.10
22 66 53 00-0279 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	228.95	66.30
22 66 53 00-0280 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	251.97	68.35
22 66 53 00-0281 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	266.73	70.20
<b>22 66 53 00-0282</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes <small>(22 66 53 00-0229)</small>		
22 66 53 00-0283 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	212.84	66.18
22 66 53 00-0284 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	271.07	74.48
22 66 53 00-0285 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	346.77	82.41
22 66 53 00-0286 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	451.52	99.07
22 66 53 00-0287 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	234.66	70.08
22 66 53 00-0288 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	262.77	74.23
22 66 53 00-0289 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	312.80	78.31
22 66 53 00-0290 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	345.28	86.75
22 66 53 00-0291 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	415.67	91.14
<b>22 66 53 00-0292</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses <small>(22 66 53 00-0229)</small>		
22 66 53 00-0293 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	236.70	66.18
22 66 53 00-0294 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	278.90	74.35
22 66 53 00-0295 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	399.29	82.84
22 66 53 00-0296 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	557.32	99.20
22 66 53 00-0297 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	254.55	70.08
22 66 53 00-0298 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	332.50	74.23
22 66 53 00-0299 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	350.63	78.31
22 66 53 00-0300 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	375.15	86.69
22 66 53 00-0301 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	476.98	90.77
<b>22 66 53 00-0302</b> Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0229)</small>		
22 66 53 00-0303 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	157.70	49.32
22 66 53 00-0304 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	183.26	55.77

**22 Plumbing****22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0305	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	222.73	62.14
22 66 53 00-0306	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	370.64	74.41
<b>22 66 53 00-0307</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0308	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	174.19	53.72
22 66 53 00-0309	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	194.60	58.00
22 66 53 00-0310	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	211.66	60.10
22 66 53 00-0311	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	286.76	66.30
22 66 53 00-0312	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	293.83	68.35
22 66 53 00-0313	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	328.52	70.20
<b>22 66 53 00-0314</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0315	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend .....	250.52	66.05
22 66 53 00-0316	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend .....	314.72	74.29
22 66 53 00-0317	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend .....	452.67	82.59
22 66 53 00-0318	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend .....	543.67	99.39
<b>22 66 53 00-0319</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0320	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	272.49	70.08
22 66 53 00-0321	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	326.51	74.17
22 66 53 00-0322	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	340.66	78.31
22 66 53 00-0323	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	379.14	86.69
22 66 53 00-0324	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	476.98	90.77
<b>22 66 53 00-0325</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0326	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	118.42	35.13
22 66 53 00-0327	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	133.48	37.17
22 66 53 00-0328	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	156.72	43.37
22 66 53 00-0329	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	185.36	41.20
22 66 53 00-0330	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	196.42	43.25
22 66 53 00-0331	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	207.48	45.30
<b>22 66 53 00-0332</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0333	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	109.15	28.93
22 66 53 00-0334	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	126.80	32.72
22 66 53 00-0335	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	149.19	37.05
22 66 53 00-0336	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	270.96	45.10
<b>22 66 53 00-0337</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0338	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug .....	48.60	16.48
22 66 53 00-0339	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug .....	57.49	18.40
22 66 53 00-0340	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug .....	62.73	20.57
22 66 53 00-0341	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug .....	80.75	24.59
<b>22 66 53 00-0342</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0343	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	198.55	32.72
22 66 53 00-0344	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	204.67	36.80
22 66 53 00-0345	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	253.03	41.14
22 66 53 00-0346	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	322.95	49.20
22 66 53 00-0347	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap .....	275.96	35.20
22 66 53 00-0348	EA		2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap .....	379.83	39.28
22 66 53 00-0349	EA		3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap .....	459.67	43.37
22 66 53 00-0350	EA		4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap .....	571.77	51.67
<b>22 66 53 00-0351</b>			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0352	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap .....	368.93	37.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0353 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	582.20	41.33
22 66 53 00-0354 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	384.66	37.17
22 66 53 00-0355 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	582.20	41.33
<b>22 66 53 00-0356 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0357 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	342.80	37.17
22 66 53 00-0358 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	402.81	41.33
22 66 53 00-0359 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap.....	396.62	37.17
22 66 53 00-0360 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	871.22	41.33
22 66 53 00-0361 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	518.42	41.33
<b>22 66 53 00-0362 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0363 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	143.25	33.09
22 66 53 00-0364 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	187.32	37.17
<b>22 66 53 00-0365 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0366 EA 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	73.05	24.79
22 66 53 00-0367 EA 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	133.95	26.89
22 66 53 00-0368 EA 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	98.30	30.98
<b>22 66 53 00-0369 Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0370 EA 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	136.61	35.26
22 66 53 00-0371 EA 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	149.42	37.17
22 66 53 00-0372 EA 1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	166.47	39.22
22 66 53 00-0373 EA 1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	178.49	43.25
22 66 53 00-0374 EA 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	166.50	39.28
22 66 53 00-0375 EA 2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	175.55	41.33
22 66 53 00-0376 EA 2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	189.54	45.30
22 66 53 00-0377 EA 3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	214.55	43.37
22 66 53 00-0378 EA 4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter.....	264.82	51.67
<b>22 66 53 00-0379 Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0380 EA 1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	47.84	
22 66 53 00-0381 EA 2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	55.81	
22 66 53 00-0382 EA 3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	59.80	
22 66 53 00-0383 EA 4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	65.78	
<b>22 66 53 00-0384 Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0385 EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	353.68	16.54
22 66 53 00-0386 EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper.....	133.98	8.24
22 66 53 00-0387 EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow.....	249.59	8.24
<b>22 66 53 00-0388 Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates</b> <small>(22 66 53 00-0229)</small>		
22 66 53 00-0389 EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	1,268.05	82.65
22 66 53 00-0390 EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	1,565.25	86.81
22 66 53 00-0391 EA Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain.....	1,052.86	8.24
<b>22 66 83 Chemical-Waste Tanks</b> <small>(22 66)</small>		
<b>22 66 83 16 Chemical-Waste Neutralization Tanks</b> <small>(22 66 83)</small>		
<b>22 66 83 16-0001 Acid Neutralization Tank</b> <small>(22 66 83 16)</small>		
<b>22 66 83 16-0002 Polyethylene Acid Neutralization Tank</b> <small>(22 66 83 16-0001)</small>		
22 66 83 16-0003 EA 5 Gallon Capacity Polyethylene Acid Neutralization Tank.....	305.43	126.19
22 66 83 16-0004 EA 15 Gallon Capacity Polyethylene Acid Neutralization Tank.....	549.91	174.98
22 66 83 16-0005 EA 30 Gallon Capacity Polyethylene Acid Neutralization Tank.....	686.31	252.38
22 66 83 16-0006 EA 55 Gallon Capacity Polyethylene Acid Neutralization Tank.....	881.94	336.50
22 66 83 16-0007 EA 100 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,130.55	403.80
22 66 83 16-0008 EA 150 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,542.94	504.75
22 66 83 16-0009 EA 200 Gallon Capacity Polyethylene Acid Neutralization Tank.....	1,784.36	630.94
22 66 83 16-0010 EA 275 Gallon Capacity Polyethylene Acid Neutralization Tank.....	2,312.69	757.13
22 66 83 16-0011 EA 350 Gallon Capacity Polyethylene Acid Neutralization Tank.....	2,628.90	908.55

**22 Plumbing****22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities**

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 83 16-0012			<b>Polypropylene Acid Neutralization Tank</b> <small>(22 66 83 16-0001)</small>		
22 66 83 16-0013	EA		5 Gallon Capacity Polypropylene Acid Neutralization Tank .....	497.48	126.19
22 66 83 16-0014	EA		15 Gallon Capacity Polypropylene Acid Neutralization Tank .....	853.99	174.98
22 66 83 16-0015	EA		30 Gallon Capacity Polypropylene Acid Neutralization Tank .....	1,361.70	252.38
22 66 83 16-0016	EA		55 Gallon Capacity Polypropylene Acid Neutralization Tank .....	1,794.88	336.50
22 66 83 16-0017	EA		100 Gallon Capacity Polypropylene Acid Neutralization Tank .....	2,269.49	403.80
22 66 83 16-0018	EA		150 Gallon Capacity Polypropylene Acid Neutralization Tank .....	2,578.63	504.75
22 66 83 16-0019	EA		200 Gallon Capacity Polypropylene Acid Neutralization Tank .....	2,815.48	630.94
22 66 83 16-0020	EA		275 Gallon Capacity Polypropylene Acid Neutralization Tank .....	4,113.15	757.13
22 66 83 16-0021	EA		350 Gallon Capacity Polypropylene Acid Neutralization Tank .....	4,453.37	908.55
22 66 83 16-0022			<b>Chemical Dilution Trap</b> <small>(22 66 83 16)</small>		
22 66 83 16-0023	EA		1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	269.74	42.06
			Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0024	EA		1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	278.19	42.06
			Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0025	EA		2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	286.64	42.06
			Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0026	EA		5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	314.64	50.47
			Note: 1-1/2" top inlet and side outlet with anti siphon.		

**END OF SECTION 22**

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 23 Heating, Ventilating, And Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

### 23 01 Operation and Maintenance of HVAC Systems <sup>(23)</sup>

#### 23 01 10 Operation and Maintenance of Facility Fuel Systems <sup>(23 01)</sup>

##### 23 01 10 00-0001 Purge Gas Systems <sup>(23 01 10)</sup>

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 00-0001 for refrigerant.

23 01 10 00-0002	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	321.89	
23 01 10 00-0003	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	459.75	
23 01 10 00-0004	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	482.66	
23 01 10 00-0005	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	532.24	
23 01 10 00-0006	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	963.89	
23 01 10 00-0007	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	432.57	
23 01 10 00-0008	EA	>100' To 250', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	621.36	
23 01 10 00-0009	EA	>250' To 500', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	657.27	
23 01 10 00-0010	EA	>500' To 1,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	734.51	
23 01 10 00-0011	EA	>1,000' To 2,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,334.93	
23 01 10 00-0012	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	511.52	
23 01 10 00-0013	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	751.73	
23 01 10 00-0014	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	1,609.15	
23 01 10 00-0015	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,514.36	
23 01 10 00-0016	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	4,725.71	

#### 23 01 20 Operation and Maintenance of HVAC Piping and Pumps <sup>(23 01)</sup>

##### 23 01 20 00-0001 Lock Out/Tag Out System <sup>(23 01 20)</sup>

23 01 20 00-0002	EA	Up To 1", Lock Out/Tag Out Valve.....	16.83	
23 01 20 00-0003	EA	>1" To 3", Lock Out/Tag Out Valve.....	20.19	
23 01 20 00-0004	EA	>3" To 6", Lock Out/Tag Out Valve.....	23.55	
23 01 20 00-0005	EA	>6" To 10", Lock Out/Tag Out Valve.....	26.92	
23 01 20 00-0006	EA	>10" To 14", Lock Out/Tag Out Valve.....	33.65	
23 01 20 00-0007	EA	Lock Out/Tag Out Padlock System.....	13.46	
23 01 20 00-0008	EA	Lock Out/Tag Out Tag.....	2.40	

##### 23 01 20 00-0009 Freeze Pipe Using CO2 Kit <sup>(23 01 20)</sup>

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit.....	101.52	
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##### 23 01 20 00-0011 Freeze Pipe Using Nitrogen <sup>(23 01 20)</sup>

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0012	EA	Up To 4" Pipe Freezing Using Nitrogen.....	893.19	
		Note: For each location. Includes freezing on each side of valve or fitting.		
23 01 20 00-0013	EA	>4" To 12" Pipe Freezing Using Nitrogen.....	1,786.39	
		Note: For each location. Includes freezing on each side of valve or fitting.		

##### 23 01 20 00-0014 Water/Chlorine Pipe Disinfection/Flush/Testing <sup>(23 01 20)</sup>

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 00-0015	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing.....	1.12	
23 01 20 00-0016	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing.....	1.54	
23 01 20 00-0017	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing.....	2.40	
23 01 20 00-0018	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing.....	3.31	
23 01 20 00-0019	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing.....	4.10	
23 01 20 00-0020	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing.....	5.18	
23 01 20 00-0021	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing.....	6.81	
23 01 20 00-0022	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing.....	8.18	

##### 23 01 20 00-0023 Shut Down Existing Piping System <sup>(23 01 20)</sup>

23 01 20 00-0024	EA	Shut Down Existing Interior Piping System.....	138.86	
		Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.		

##### 23 01 20 00-0025 Purge Liquid Systems <sup>(23 01 20)</sup>

Note: Includes collection and refilling/bleeding of system.

23 01 20 00-0026	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System.....	229.40	
23 01 20 00-0027	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System.....	327.62	
23 01 20 00-0028	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System.....	392.56	
23 01 20 00-0029	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System.....	414.99	
23 01 20 00-0030	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System.....	792.25	
23 01 20 00-0031	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	305.35	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 00-0032 EA >100 To 250', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	435.74	
23 01 20 00-0033 EA >250 To 500', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	518.74	
23 01 20 00-0034 EA >500 To 1,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	551.56	
23 01 20 00-0035 EA >1,000 To 2,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System.....	1,062.78	
23 01 20 00-0036 EA Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System.....	376.45	
23 01 20 00-0037 EA >100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System.....	537.95	
23 01 20 00-0038 EA >250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System.....	1,368.36	
23 01 20 00-0039 EA >1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System.....	2,171.53	
<b>23 01 20 00-0040 Add-A-Valve Emergency Shut Off Device (23 01 20)</b>		
23 01 20 00-0041 EA 1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD).....	199.01	
23 01 20 00-0042 EA 3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD).....	250.48	
23 01 20 00-0043 EA 1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD).....	346.71	
23 01 20 00-0044 EA 1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD).....	529.67	
23 01 20 00-0045 EA 1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD).....	653.71	
23 01 20 00-0046 EA 2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD).....	986.15	
<b>23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)</b>		
<b>23 01 30 51 HVAC Air-Distribution System Cleaning (23 01 30)</b>		
<b>23 01 30 51-0001 Special Cleaning Of Ductwork (23 01 30 51)</b>		
Note: Includes sealing registers, grilles, diffusers as required.		
23 01 30 51-0002 LF Up To 2 SF Cross Section, Clean Supply/Return Ductwork.....	2.12	
For Exhaust Ductwork, Add	0.53	
23 01 30 51-0003 LF >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork.....	2.65	
For Exhaust Ductwork, Add	0.66	
23 01 30 51-0004 LF >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork.....	3.55	
For Exhaust Ductwork, Add	0.89	
23 01 30 51-0005 LF >8 SF Cross Section, Clean Supply/Return Ductwork.....	5.03	
For Exhaust Ductwork, Add	1.26	
23 01 30 51-0006 SF Clean Duct Dampers.....	7.12	
23 01 30 51-0007 SF Clean Duct Fire Dampers.....	14.23	
23 01 30 51-0008 SF Clean Louver.....	5.70	
23 01 30 51-0009 EA Clean Turning Vane Set.....	17.09	
23 01 30 51-0010 EA Clean Grille/Diffuser/Register.....	17.09	
Note: Includes removal and reinstallation.		
23 01 30 51-0011 LF Clean Linear Diffuser.....	4.27	
Note: Includes removal and reinstallation.		
23 01 30 51-0012 EA Cut Access For Cleaning Duct And Install Duct Insulated Access Doors.....	60.92	
For Stainless Steel, Add	45.00	
23 01 30 51-0013 EA Clean Variable Air Volume (VAV) Unit.....	51.25	
23 01 30 51-0014 EA Clean Fan Powered Induction Unit (PIU) Unit.....	68.33	
23 01 30 51-0015 EA Clean Fan Coil Unit (FCU) Unit.....	68.33	
23 01 30 51-0016 EA Clean Supply Or Return Fan.....	136.66	
23 01 30 51-0017 EA Clean Exhaust Fan.....	119.58	
23 01 30 51-0018 EA Clean Duct Coil.....	102.49	
23 01 30 51-0019 SF Clean Air Handling Unit Interior Housing, HEPA Vacuum.....	3.42	
Note: Excluding fan and coils.		
23 01 30 51-0020 EA Clean Air Handling Unit Fan.....	136.66	
23 01 30 51-0021 EA Clean Air Handling Unit Coil.....	204.99	
23 01 30 51-0022 SF Clean Equipment Surfaces, Rust Reform And Prime.....	1.83	
23 01 30 51-0023 SF Clean Interior Equipment Surfaces, Rust Reform And Prime.....	2.16	
23 01 30 51-0024 SF HEPA Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms.....	0.36	
23 01 30 51-0025 EA Cleaning Of Ductwork Minimum Set-up Charge.....	462.34	
Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 01 30 51-0026 SF Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning.....	0.27	
<b>23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)</b>		
<b>23 01 50 00-0001 Boiler And Chiller Water Treatment (23 01 50)</b>		
Note: 3 LB chemical per 50 gallon system water.		
23 01 50 00-0002 LB Boil Out Boiler And System With Caustic Soda.....	0.84	
Note: Includes disposal after treatment.		
23 01 50 00-0003 LB Boil Out Boiler And System With Trisodium Phosphate.....	1.26	
Note: Includes disposal after treatment.		
23 01 50 00-0004 GAL Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required.....	79.04	
<b>23 01 50 00-0005 Boiler Repairs (23 01 50)</b>		
<b>23 01 50 00-0006 Setup And Maintenance (23 01 50 00-0005)</b>		
23 01 50 00-0007 EA Set-up Charge For Boiler Fire Side Maintenance.....	1,420.82	
Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.		
23 01 50 00-0008 EA Close-up Charge For Boiler Fire Side Maintenance.....	1,538.90	
Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.		
For Burner Seals, Add	542.08	
Note: Used when burner must be removed from door for maintenance.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 00-0009 EA Setup Charge For Boiler Water Side Maintenance ..... Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	1,894.43	
23 01 50 00-0010 EA Up To 100 HP, Hydrostatic Test - Boiler Maintenance ..... Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	947.22	
23 01 50 00-0011 EA >100 HP, Hydrostatic Test - Boiler Maintenance ..... Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,894.43	
23 01 50 00-0012 EA Remove And Replace Handhole.....	59.20	
23 01 50 00-0013 EA Remove And Replace Manhole.....	177.60	
23 01 50 00-0014 SF Sheet Metal Jacket Patch.....	7.76	
<b>23 01 50 00-0015 Boiler Tube Replacement (23 01 50 00-0005)</b>		
23 01 50 00-0016 EA Remove Up To 2" Boiler Tube.....	142.07	
23 01 50 00-0017 EA Remove >2" To 3" Boiler Tube.....	177.60	
23 01 50 00-0018 EA Remove >3" To 4" Boiler Tube.....	248.64	
23 01 50 00-0019 LF Place 1-1/2" Boiler Tube Into Position For Termination.....	4.78	
23 01 50 00-0020 LF Place 2" Boiler Tube Into Position For Termination.....	5.56	
23 01 50 00-0021 LF Place 2-1/2" Boiler Tube Into Position For Termination.....	6.33	
23 01 50 00-0022 LF Place 3" Boiler Tube Into Position For Termination.....	8.97	
23 01 50 00-0023 LF Place 3-1/2" Boiler Tube Into Position For Termination.....	10.48	
23 01 50 00-0024 LF Place 4" Boiler Tube Into Position For Termination.....	13.34	
23 01 50 00-0025 EA 1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	17.76	
23 01 50 00-0026 EA 2" Rolled Boiler Tube Termination (2 Per New Tube).....	26.64	
23 01 50 00-0027 EA 2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	35.52	
23 01 50 00-0028 EA 3" Rolled Boiler Tube Termination (2 Per New Tube).....	44.40	
23 01 50 00-0029 EA 3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	53.28	
23 01 50 00-0030 EA 4" Rolled Boiler Tube Termination (2 Per New Tube).....	62.16	
23 01 50 00-0031 EA 1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	53.28	
23 01 50 00-0032 EA 2" Welded Boiler Tube Termination (2 Per New Tube).....	71.04	
23 01 50 00-0033 EA 2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	88.80	
23 01 50 00-0034 EA 3" Welded Boiler Tube Termination (2 Per New Tube).....	106.57	
23 01 50 00-0035 EA 3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	124.32	
23 01 50 00-0036 EA 4" Welded Boiler Tube Termination (2 Per New Tube).....	142.07	
23 01 50 00-0037 EA Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	200.88	
<b>23 01 50 00-0038 Cast Iron Boiler Section Replacement (23 01 50 00-0005)</b>		
23 01 50 00-0039 EA Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,801.92	
23 01 50 00-0040 EA Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,305.20	
23 01 50 00-0041 EA Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,510.86	
23 01 50 00-0042 EA Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler.....	3,435.14	
23 01 50 00-0043 EA Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler.....	2,656.59	
23 01 50 00-0044 EA Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler.....	2,878.43	
23 01 50 00-0045 EA Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler.....	5,721.64	
23 01 50 00-0046 EA Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler.....	4,644.95	
23 01 50 00-0047 EA Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler.....	4,663.89	
<b>23 01 50 00-0048 Cast Iron Grate Replacement (23 01 50 00-0005)</b>		
23 01 50 00-0049 SF Replace Cast Iron Boiler Grates, Prepared From Casting Mold ..... Note: Includes support, linkages and removal of existing.	98.80	
23 01 50 00-0050 EA Prepare Cast Iron Boiler Grate Mold..... Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	1,544.88	
<b>23 01 50 00-0051 Replacement Or Conversion Of Boiler Burners (23 01 50 00-0005)</b>		
Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 00-0052 EA 700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	5,502.38	684.08
23 01 50 00-0053 EA 2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	7,915.12	846.93
23 01 50 00-0054 EA 2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	9,353.66	1,026.05
23 01 50 00-0055 EA 3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	11,014.88	1,104.03

**23 01 60 Operation and Maintenance of Central Cooling Equipment (23 01)**

**23 01 60 00-0001 Refrigerant Recovery, Reclaim And Recycling (23 01 60)**

23 01 60 00-0002 LB Recovery Of Refrigerant .....	5.46	
23 01 60 00-0003 LB Recovery And Recharging Of Refrigerant .....	10.24	
Note: Includes cleaning refrigerant gas prior to recharging.		

**23 05 Common Work Results For HVAC (23)**

**23 05 13 Common Motor Requirements For HVAC Equipment (23 05)**

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

**23 05 13 00-0001 Premium Efficient, Motors (23 05 13)**

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 13 Common Motor Requirements For HVAC Equipment**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0002			<b>Premium Efficient, Open Drip Proof Motors</b> <small>(23 05 13 00-0001)</small>		
			Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003			<b>Steel Frame, Premium Efficient, Open Drip Proof Motors</b> <small>(23 05 13 00-0002)</small>		
23 05 13 00-0004	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	404.30	
23 05 13 00-0005	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	457.79	
23 05 13 00-0006	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	536.72	
23 05 13 00-0007	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	450.78	
23 05 13 00-0008	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	478.84	
23 05 13 00-0009	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	627.93	
23 05 13 00-0010	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	529.71	
23 05 13 00-0011	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	513.04	
23 05 13 00-0012	EA		2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	641.96	
23 05 13 00-0013	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	536.72	
23 05 13 00-0014	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	553.39	
23 05 13 00-0015	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	817.36	
23 05 13 00-0016	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	585.84	
23 05 13 00-0017	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	606.01	
23 05 13 00-0018	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,070.82	
23 05 13 00-0019	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	929.62	
23 05 13 00-0020	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	891.03	
23 05 13 00-0021	EA		7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,283.93	
23 05 13 00-0022	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,062.92	
23 05 13 00-0023	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,078.71	
23 05 13 00-0024	EA		10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,670.68	
23 05 13 00-0025	EA		15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,510.19	
23 05 13 00-0026	EA		15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,527.73	
23 05 13 00-0027	EA		15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,253.01	
23 05 13 00-0028	EA		20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,774.17	
23 05 13 00-0029	EA		20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,918.00	
23 05 13 00-0030	EA		20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,742.38	
23 05 13 00-0031	EA		25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,130.23	
23 05 13 00-0032	EA		25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,338.08	
23 05 13 00-0033	EA		25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,312.43	
23 05 13 00-0034	EA		30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,513.48	
23 05 13 00-0035	EA		30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,556.46	
23 05 13 00-0036	EA		30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,455.38	
23 05 13 00-0037	EA		40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,238.76	
23 05 13 00-0038	EA		40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,335.23	
23 05 13 00-0039	EA		50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,527.29	
23 05 13 00-0040	EA		50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,680.77	
23 05 13 00-0041	EA		60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,463.05	
23 05 13 00-0042	EA		60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,634.07	
23 05 13 00-0043	EA		75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	5,854.85	
23 05 13 00-0044	EA		75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	5,688.22	
23 05 13 00-0045	EA		100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	6,258.27	
23 05 13 00-0046	EA		100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	6,617.84	
23 05 13 00-0047	EA		125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	7,854.41	
23 05 13 00-0048	EA		125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	8,118.39	
23 05 13 00-0049	EA		150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	9,689.10	
23 05 13 00-0050			<b>Cast Iron Frame, Premium Efficient, Open Drip Proof Motors</b> <small>(23 05 13 00-0002)</small>		
23 05 13 00-0051	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	4,922.60	
23 05 13 00-0052	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	5,959.22	
23 05 13 00-0053	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	7,565.88	
23 05 13 00-0054	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	8,423.58	
23 05 13 00-0055	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	9,271.64	
23 05 13 00-0056	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	10,012.71	
23 05 13 00-0057	EA		150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	9,018.19	
23 05 13 00-0058	EA		150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	11,792.14	
23 05 13 00-0059	EA		200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	10,980.04	
23 05 13 00-0060	EA		200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	11,269.45	
23 05 13 00-0061	EA		200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	15,500.98	
23 05 13 00-0062			<b>Premium Efficient, TEFC Motors</b> <small>(23 05 13 00-0001)</small>		
			Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063			<b>Steel Frame, Premium Efficient, TEFC Motors</b> <small>(23 05 13 00-0062)</small>		
23 05 13 00-0064	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor .....	472.70	
23 05 13 00-0065	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	520.94	
23 05 13 00-0066	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	620.04	
23 05 13 00-0067	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	535.85	
23 05 13 00-0068	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	541.11	
23 05 13 00-0069	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	586.71	
23 05 13 00-0070	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	561.28	
23 05 13 00-0071	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	650.73	
23 05 13 00-0072	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	620.04	
23 05 13 00-0073	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	995.40	
23 05 13 00-0074	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	721.77	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0075	EA			5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	678.80	
23 05 13 00-0076	EA			5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,124.31	
23 05 13 00-0077	EA			7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,081.34	
23 05 13 00-0078	EA			7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	978.73	
23 05 13 00-0079	EA			10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,096.25	
23 05 13 00-0080	EA			10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,105.02	
<b>23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors (23 05 13 00-0082)</b>						
23 05 13 00-0082	EA			1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	674.41	
23 05 13 00-0083	EA			1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	755.10	
23 05 13 00-0084	EA			1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	712.12	
23 05 13 00-0085	EA			1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	698.97	
23 05 13 00-0086	EA			1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	898.92	
23 05 13 00-0087	EA			2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	748.96	
23 05 13 00-0088	EA			2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	732.30	
23 05 13 00-0089	EA			2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	912.96	
23 05 13 00-0090	EA			3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	808.59	
23 05 13 00-0091	EA			3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	831.40	
23 05 13 00-0092	EA			3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,137.47	
23 05 13 00-0093	EA			5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	995.40	
23 05 13 00-0094	EA			5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	832.27	
23 05 13 00-0095	EA			5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,319.88	
23 05 13 00-0096	EA			7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,152.38	
23 05 13 00-0097	EA			7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,110.28	
23 05 13 00-0098	EA			7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,882.04	
23 05 13 00-0099	EA			10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,350.58	
23 05 13 00-0100	EA			10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,245.34	
23 05 13 00-0101	EA			10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,148.65	
23 05 13 00-0102	EA			15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,860.99	
23 05 13 00-0103	EA			15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,703.13	
23 05 13 00-0104	EA			15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,866.04	
23 05 13 00-0105	EA			20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,042.53	
23 05 13 00-0106	EA			20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,065.34	
23 05 13 00-0107	EA			20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	3,815.83	
23 05 13 00-0108	EA			25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,665.20	
23 05 13 00-0109	EA			25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	2,701.16	
23 05 13 00-0110	EA			25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,317.47	
23 05 13 00-0111	EA			30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	3,166.85	
23 05 13 00-0112	EA			30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	3,204.56	
23 05 13 00-0113	EA			30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,987.50	
23 05 13 00-0114	EA			40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,341.15	
23 05 13 00-0115	EA			40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,190.31	
23 05 13 00-0116	EA			40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	6,215.30	
23 05 13 00-0117	EA			50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,748.96	
23 05 13 00-0118	EA			50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	4,579.69	
23 05 13 00-0119	EA			50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	7,510.63	
23 05 13 00-0120	EA			60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	6,671.34	
23 05 13 00-0121	EA			60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	6,589.78	
23 05 13 00-0122	EA			60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	9,116.42	
23 05 13 00-0123	EA			75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	7,761.45	
23 05 13 00-0124	EA			75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	7,705.32	
23 05 13 00-0125	EA			75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	10,616.08	
23 05 13 00-0126	EA			100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	9,568.95	
23 05 13 00-0127	EA			125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	11,846.52	
23 05 13 00-0128	EA			150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	13,626.83	
23 05 13 00-0129	EA			200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	17,126.06	
<b>23 05 13 00-0130 Premium Efficient, Severe Duty Motors (23 05 13 00-0001)</b>						
Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.						
23 05 13 00-0131	EA			1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	700.72	
23 05 13 00-0132	EA			1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	770.01	
23 05 13 00-0133	EA			1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	850.69	
23 05 13 00-0134	EA			1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,195.35	
23 05 13 00-0135	EA			1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	797.19	
23 05 13 00-0136	EA			1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	784.92	
23 05 13 00-0137	EA			1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	995.40	
23 05 13 00-0138	EA			1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,487.39	
23 05 13 00-0139	EA			2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	834.03	
23 05 13 00-0140	EA			2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	819.12	
23 05 13 00-0141	EA			2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,008.55	
23 05 13 00-0142	EA			2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,875.90	
23 05 13 00-0143	EA			3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	986.62	
23 05 13 00-0144	EA			3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,036.61	
23 05 13 00-0145	EA			3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,455.82	
23 05 13 00-0146	EA			3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	2,034.64	
23 05 13 00-0147	EA			5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,213.77	
23 05 13 00-0148	EA			5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,055.03	
23 05 13 00-0149	EA			5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	1,475.11	
23 05 13 00-0150	EA			5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor .....	3,238.76	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 13 Common Motor Requirements For HVAC Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,583.86	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,328.66	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,110.94	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,703.57	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,686.47	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,590.88	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,742.38	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,320.10	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,157.42	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,026.75	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,144.04	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,767.15	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,516.99	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,174.08	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,271.87	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,574.87	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,024.77	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,844.99	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,463.93	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,687.78	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,378.20	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,754.87	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,066.43	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,420.08	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,172.98	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,309.36	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,188.33	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,640.42	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,705.32	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,953.73	
23 05 13 00-0181	EA	60 HP, 1,800 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,436.30	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,613.89	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,125.40	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,701.59	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,827.44	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,666.07	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	13,970.61	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,722.64	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,609.51	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	15,782.49	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,915.14	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,772.19	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,794.33	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,661.90	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,770.65	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	23,308.91	

**23 05 13 00-0197 Premium Efficient, Explosion Proof Motors (23 05 13 00-0001)**

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	934.88	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	968.21	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,055.91	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,304.98	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,447.05	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,994.30	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,035.52	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,755.53	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	3,141.41	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	4,127.16	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	4,632.31	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	6,057.44	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	6,822.18	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	9,543.51	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	11,203.68	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	13,647.87	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	17,838.18	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	20,353.42	

**23 05 13 00-0216 Motor Mounting (23 05 13)**

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting.....	108.27	55.09
23 05 13 00-0218	EA	3/4 HP Motor Mounting.....	124.75	68.86
23 05 13 00-0219	EA	1 HP Motor Mounting.....	133.45	68.86
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting.....	143.46	68.86
23 05 13 00-0221	EA	2 HP Motor Mounting.....	155.09	82.63
23 05 13 00-0222	EA	3 HP Motor Mounting.....	179.32	82.63
23 05 13 00-0223	EA	5 HP Motor Mounting.....	212.52	137.72
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting.....	273.25	137.72
23 05 13 00-0225	EA	10 HP Motor Mounting.....	358.64	241.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0226 EA 15 HP Motor Mounting.....	441.40	241.01
23 05 13 00-0227 EA 20 HP Motor Mounting.....	521.66	344.30
23 05 13 00-0228 EA 25 HP Motor Mounting.....	591.57	344.30
23 05 13 00-0229 EA 30 HP Motor Mounting.....	717.28	344.30
23 05 13 00-0230 EA 40 HP Motor Mounting.....	808.20	516.44
23 05 13 00-0231 EA 50 HP Motor Mounting.....	896.60	516.44
23 05 13 00-0232 EA 75 HP Motor Mounting.....	1,082.69	757.45
23 05 13 00-0233 EA 100 HP Motor Mounting.....	1,304.14	757.45
23 05 13 00-0234 EA 125 HP Motor Mounting.....	1,593.95	1,032.88
23 05 13 00-0235 EA 150 HP Motor Mounting.....	1,851.04	1,032.88
23 05 13 00-0236 EA 200 HP Motor Mounting.....	2,125.26	1,239.46

**23 05 16 Expansion Fittings And Loops For HVAC Piping (23 05)**

**23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints (23 05 16)**  
 Note: Includes internal sleeves and external covers.

**23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)**  
 Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003 EA 1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	135.80	56.19
<i>For 300 LB Rating, Add</i>	5.84	
23 05 16 00-0004 EA 3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	152.24	63.38
<i>For 300 LB Rating, Add</i>	6.39	
23 05 16 00-0005 EA 1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	178.60	72.65
<i>For 300 LB Rating, Add</i>	8.34	
23 05 16 00-0006 EA 1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	202.01	81.09
<i>For 300 LB Rating, Add</i>	10.01	
23 05 16 00-0007 EA 1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	218.73	87.15
<i>For 300 LB Rating, Add</i>	11.11	
23 05 16 00-0008 EA 2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	251.72	102.55
<i>For 300 LB Rating, Add</i>	11.67	

**23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)**  
 Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010 EA 1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	637.68	51.35
<i>For 300 LB Rating, Add</i>	133.75	
23 05 16 00-0011 EA 1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	673.53	51.74
<i>For 300 LB Rating, Add</i>	142.50	
23 05 16 00-0012 EA 2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	677.08	53.53
<i>For 300 LB Rating, Add</i>	142.52	
23 05 16 00-0013 EA 2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	729.04	58.36
<i>For 300 LB Rating, Add</i>	153.08	
23 05 16 00-0014 EA 3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	798.85	68.62
<i>For 300 LB Rating, Add</i>	165.42	
23 05 16 00-0015 EA 4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	986.67	136.55
<i>For 300 LB Rating, Add</i>	178.43	
23 05 16 00-0016 EA 5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,321.61	128.89
<i>For 300 LB Rating, Add</i>	266.04	
23 05 16 00-0017 EA 6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,196.77	142.70
<i>For 300 LB Rating, Add</i>	227.84	
23 05 16 00-0018 EA 8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,506.68	163.07
<i>For 300 LB Rating, Add</i>	295.33	
23 05 16 00-0019 EA 10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,926.85	199.78
<i>For 300 LB Rating, Add</i>	382.02	
23 05 16 00-0020 EA 12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,557.59	242.13
<i>For 300 LB Rating, Add</i>	518.17	
23 05 16 00-0021 EA 14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,209.46	246.59
<i>For 300 LB Rating, Add</i>	679.04	
23 05 16 00-0022 EA 16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	4,307.01	308.24
<i>For 300 LB Rating, Add</i>	923.08	

**23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)**  
 Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0024 EA 1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	583.73	77.04
<i>For 300 LB Rating, Add</i>	107.43	
23 05 16 00-0025 EA 1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	613.18	77.67
<i>For 300 LB Rating, Add</i>	114.45	
23 05 16 00-0026 EA 2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	618.54	80.25
<i>For 300 LB Rating, Add</i>	114.47	
23 05 16 00-0027 EA 2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	667.01	87.50
<i>For 300 LB Rating, Add</i>	122.95	
23 05 16 00-0028 EA 3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	738.56	102.90
<i>For 300 LB Rating, Add</i>	133.14	
23 05 16 00-0029 EA 4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	982.66	204.91
<i>For 300 LB Rating, Add</i>	143.32	
23 05 16 00-0030 EA 5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,240.40	193.33
<i>For 300 LB Rating, Add</i>	213.68	
23 05 16 00-0031 EA 6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,159.80	214.05
<i>For 300 LB Rating, Add</i>	183.00	
23 05 16 00-0032 EA 8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,437.28	244.59
<i>For 300 LB Rating, Add</i>	237.20	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0033	EA		10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	1,825.49 306.84	299.68
23 05 16 00-0034	EA		12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	2,391.22 416.19	363.26
23 05 16 00-0035	EA		14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	3,006.01 566.52	369.88
23 05 16 00-0036	EA		16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint..... <i>For 300 LB Rating, Add</i>	4,005.37 770.12	462.35
<b>23 05 19 Meters And Gages For HVAC Piping (23 05)</b>					
<b>23 05 19 00-0001 Thermometers (23 05 19)</b>					
<b>23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers (23 05 19 00-0001)</b> Note: Various ranges.					
23 05 19 00-0003	EA		2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	77.53	22.31
23 05 19 00-0004	EA		2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	93.77	22.31
23 05 19 00-0005	EA		3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	93.77	22.31
<b>23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers (23 05 19 00-0001)</b> Note: Various ranges.					
23 05 19 00-0007	EA		7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	110.01	22.31
23 05 19 00-0008	EA		9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	110.01	22.31
23 05 19 00-0009	EA		12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	143.97	22.31
23 05 19 00-0010	EA		7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	114.44	22.31
23 05 19 00-0011	EA		9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	121.82	22.31
23 05 19 00-0012	EA		12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	148.40	22.31
<b>23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers (23 05 19 00-0001)</b> Note: Various ranges. Socket connection for thermowell.					
23 05 19 00-0014	EA		7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	110.01	22.31
23 05 19 00-0015	EA		9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	110.01	22.31
23 05 19 00-0016	EA		12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	143.97	22.31
23 05 19 00-0017	EA		7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	129.21	22.31
23 05 19 00-0018	EA		9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	143.97	22.31
23 05 19 00-0019	EA		12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	147.74	22.31
<b>23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells (23 05 19 00-0001)</b>					
23 05 19 00-0021	EA		4" Long, 1" NPT, 304 Stainless Steel Thermowell .....	119.97	41.83
23 05 19 00-0022	EA		8" Long, 1" NPT, 304 Stainless Steel Thermowell .....	119.91	41.83
<b>23 05 19 00-0023 Pressure Gauges (23 05 19)</b>					
<b>23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)</b>					
23 05 19 00-0025	EA		2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	26.88	8.71
23 05 19 00-0026	EA		4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	35.59	8.71
<b>23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)</b>					
23 05 19 00-0028	EA		3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	89.88	8.71
23 05 19 00-0029	EA		4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	89.88	8.71
23 05 19 00-0030	EA		6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	114.49	8.71
23 05 19 00-0031	EA		8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	259.40	8.71
<b>23 05 19 00-0032 Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)</b> Note: Liquid filled.					
23 05 19 00-0033	EA		2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	75.95	8.71
23 05 19 00-0034	EA		4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	169.53	8.71
<b>23 05 19 00-0035 Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges (23 05 19 00-0023)</b>					
23 05 19 00-0036	EA		4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	281.72	8.71
23 05 19 00-0037	EA		6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	281.72	8.71
23 05 19 00-0038	EA		8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	281.72	8.71
<b>23 05 19 00-0039 Gauge Accessories (23 05 19 00-0023)</b>					
23 05 19 00-0040	EA		Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer).....	43.07	6.97
23 05 19 00-0041	EA		1/4" Snubber Valve .....	29.21	6.97
23 05 19 00-0042	EA		1/4" Female Pipe Thread, Brass Gauge Cock .....	18.83	10.46
23 05 19 00-0043	EA		1/4" Male Pipe Thread, Brass Gauge Cock .....	16.90	10.46
23 05 19 00-0044	EA		1/4" Pressure Pigtail Steam Siphon .....	18.42	10.46
23 05 19 00-0045	EA		1/4" x 3" Long Black Steel Nipple.....	4.07	3.49
23 05 19 00-0046	EA		1/4" Steel Thread-O-Let.....	46.04	17.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0047 EA 1/4", 300 LB, Black Steel Union.....	30.36	6.97
23 05 19 00-0048 EA 1/4", Black Steel Coupling .....	14.56	6.97
23 05 19 00-0049 EA 1/4", 300 LB, Black Steel Plug .....	8.51	4.18
23 05 19 00-0050 EA 1/4", 150 LB, Black Steel Cap.....	8.71	4.18
23 05 19 00-0051 LF 1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	4.52	
23 05 19 00-0052 LF 1/4" Schedule 80, Plain End, Black Steel Pipe .....	4.49	
23 05 19 00-0053 LF 1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	4.51	
23 05 19 00-0054 EA 1/4" Threaded, 800 LB, Forged Steel, Ball Valve .....	51.89	
 <b>23 05 19 00-0055 Valve Lock Covers</b> <small>(23 05 19)</small>		
23 05 19 00-0056 EA Valve Lock Cover.....	46.80	10.67
 <b>23 05 19 00-0057 Sight Flow Indicator</b> <small>(23 05 19)</small>		
<b>23 05 19 00-0058 Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0059 EA 1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	88.59	9.80
23 05 19 00-0060 EA 3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	92.54	10.31
23 05 19 00-0061 EA 1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	100.05	10.84
23 05 19 00-0062 EA 3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	112.28	14.61
23 05 19 00-0063 EA 1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	134.23	17.70
23 05 19 00-0064 EA 1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	152.45	22.41
23 05 19 00-0065 EA 1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	215.47	25.91
23 05 19 00-0066 EA 2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100).....	238.91	30.62
 <b>23 05 19 00-0067 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0068 EA 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	114.90	9.80
23 05 19 00-0069 EA 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	118.27	10.31
23 05 19 00-0070 EA 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	127.53	10.84
23 05 19 00-0071 EA 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	135.67	14.61
23 05 19 00-0072 EA 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	144.16	17.70
23 05 19 00-0073 EA 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	156.54	22.41
23 05 19 00-0074 EA 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	294.98	25.91
23 05 19 00-0075 EA 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300).....	316.09	30.62
 <b>23 05 19 00-0076 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0077 EA 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	165.76	9.80
23 05 19 00-0078 EA 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	174.98	10.31
23 05 19 00-0079 EA 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	190.09	10.84
23 05 19 00-0080 EA 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	206.99	14.61
23 05 19 00-0081 EA 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	237.71	17.70
23 05 19 00-0082 EA 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	251.84	22.41
23 05 19 00-0083 EA 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	505.46	25.91
23 05 19 00-0084 EA 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	532.41	30.62
 <b>23 05 19 00-0085 Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0086 EA 1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	113.14	9.80
23 05 19 00-0087 EA 3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	117.68	10.31
23 05 19 00-0088 EA 1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	124.61	10.84

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 19 Meters And Gages For HVAC Piping**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0089 EA 3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	135.08	14.61
23 05 19 00-0090 EA 1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	143.58	17.70
23 05 19 00-0091 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	156.54	22.41
23 05 19 00-0092 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	291.48	25.91
23 05 19 00-0093 EA 2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	311.41	30.62
<b>23 05 19 00-0094 Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0095 EA 1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	164.59	9.80
23 05 19 00-0096 EA 3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	177.32	10.31
23 05 19 00-0097 EA 1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	193.60	10.84
23 05 19 00-0098 EA 3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	206.99	14.61
23 05 19 00-0099 EA 1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	237.71	17.70
23 05 19 00-0100 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	254.17	22.41
23 05 19 00-0101 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	505.46	25.91
23 05 19 00-0102 EA 2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	532.41	30.62
<b>23 05 19 00-0103 Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0104 EA 1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	242.39	17.70
23 05 19 00-0105 EA 1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	272.88	22.41
23 05 19 00-0106 EA 1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	310.19	25.91
23 05 19 00-0107 EA 2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	348.83	30.62
<b>23 05 19 00-0108 Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0109 EA 1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	534.35	70.67
23 05 19 00-0110 EA 2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	597.71	89.71
23 05 19 00-0111 EA 3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	878.14	105.33
23 05 19 00-0112 EA 4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	1,326.57	176.59
23 05 19 00-0113 EA 6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	2,150.93	221.94
<b>23 05 19 00-0114 Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0115 EA 1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	409.60	50.47
23 05 19 00-0116 EA 1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	483.58	58.89
23 05 19 00-0117 EA 1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	522.36	70.67
23 05 19 00-0118 EA 2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	654.72	89.71
23 05 19 00-0119 EA 3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	948.00	105.33
23 05 19 00-0120 EA 4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	1,402.28	176.59
<b>23 05 19 00-0121 Venturi Flowmeters</b> <small>(23 05 19)</small>		
<b>23 05 19 00-0122 Threaded, Brass, Venturi Flowmeters</b> <small>(23 05 19 00-0121)</small>		
23 05 19 00-0123 EA 3/4" Threaded, Brass, Venturi Flowmeter .....	139.26	47.40
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0124 EA 1" Threaded, Brass, Venturi Flowmeter .....	155.73	56.89
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0125 EA 1-1/4" Threaded, Brass, Venturi Flowmeter .....	171.96	63.24
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0126 EA 1-1/2" Threaded, Brass, Venturi Flowmeter .....	193.76	71.11
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0127 EA 2" Threaded, Brass, Venturi Flowmeter .....	229.23	81.29
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0128 EA 2-1/2" Threaded, Brass, Venturi Flowmeter .....	303.81	101.91
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
<b>23 05 19 00-0129 Butt Weld, Carbon Steel, Venturi Flowmeters</b> <small>(23 05 19 00-0121)</small>		
23 05 19 00-0130 EA 3" Butt Weld, Carbon Steel, Venturi Flowmeter .....	557.52	97.43
<i>For Flanged Ends, Add</i>	126.93	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0131 EA 4" Butt Weld, Carbon Steel, Venturi Flowmeter .....	753.65	116.92
<i>For Flanged Ends, Add</i>	181.94	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0132 EA 5" Butt Weld, Carbon Steel, Venturi Flowmeter .....	981.36	146.14
<i>For Flanged Ends, Add</i>	241.17	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0133 EA 6" Butt Weld, Carbon Steel, Venturi Flowmeter .....	1,187.58	194.85
<i>For Flanged Ends, Add</i>	279.25	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0134 EA 8" Butt Weld, Carbon Steel, Venturi Flowmeter .....	1,688.64	233.82
<i>For Flanged Ends, Add</i>	427.35	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0135 EA 10" Butt Weld, Carbon Steel, Venturi Flowmeter .....	2,675.96	292.29
<i>For Flanged Ends, Add</i>	731.99	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0136 EA 12" Butt Weld, Carbon Steel, Venturi Flowmeter .....	3,922.66	377.68
<i>For Flanged Ends, Add</i>	1,108.56	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0137 EA 14" Butt Weld, Carbon Steel, Venturi Flowmeter .....	5,533.42	566.50
<i>For Flanged Ends, Add</i>	1,540.14	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0138 EA 16" Butt Weld, Carbon Steel, Venturi Flowmeter .....	8,089.19	629.45
<i>For Flanged Ends, Add</i>	2,390.60	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
<b>23 05 19 00-0139 Turbine Flowmeter</b> <small>(23 05 19)</small>		
23 05 19 00-0140 EA Saddle Mount Turbine Flowmeter .....	378.72	52.29
 <b>23 05 23 General-Duty Valves For HVAC Piping</b> <small>(23 05)</small>		
<b>23 05 23 00-0001 Gate Valves</b> <small>(23 05 23)</small>		
<b>23 05 23 00-0002 125 LB Threaded, Brazed Or Soldered Bronze Gate Valves</b> <small>(23 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating. 200 psi cold working pressure. Class 125 (threaded).		
23 05 23 00-0003 EA 1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	31.20	6.73
<i>For 200 LB Rating, Add</i>	1.74	
<i>For 250 LB Rating, Add</i>	2.90	
<i>For 150 LB Rating, Add</i>	1.16	
<i>For 300 LB Rating, Add</i>	4.06	
<i>For Work In Restricted Working Space, Add</i>	5.88	
23 05 23 00-0004 EA 3/8" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	32.23	6.73
<i>For 200 LB Rating, Add</i>	1.74	
<i>For 250 LB Rating, Add</i>	2.90	
<i>For 150 LB Rating, Add</i>	1.16	
<i>For 300 LB Rating, Add</i>	4.06	
<i>For Work In Restricted Working Space, Add</i>	6.19	
23 05 23 00-0005 EA 1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	33.31	6.73
<i>For 200 LB Rating, Add</i>	1.74	
<i>For 250 LB Rating, Add</i>	2.90	
<i>For 150 LB Rating, Add</i>	1.16	
<i>For 300 LB Rating, Add</i>	4.06	
<i>For Work In Restricted Working Space, Add</i>	6.51	
23 05 23 00-0006 EA 3/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	43.10	7.40
<i>For 200 LB Rating, Add</i>	2.08	
<i>For 250 LB Rating, Add</i>	3.46	
<i>For 150 LB Rating, Add</i>	1.38	
<i>For 300 LB Rating, Add</i>	4.84	
<i>For Work In Restricted Working Space, Add</i>	8.78	
23 05 23 00-0007 EA 1" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	56.33	8.41
<i>For 200 LB Rating, Add</i>	3.14	
<i>For 250 LB Rating, Add</i>	5.23	
<i>For 150 LB Rating, Add</i>	2.09	
<i>For 300 LB Rating, Add</i>	7.32	
<i>For Work In Restricted Working Space, Add</i>	10.63	
23 05 23 00-0008 EA 1-1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	73.06	8.95
<i>For 200 LB Rating, Add</i>	4.23	
<i>For 250 LB Rating, Add</i>	7.05	
<i>For 150 LB Rating, Add</i>	2.82	
<i>For 300 LB Rating, Add</i>	9.87	
<i>For Work In Restricted Working Space, Add</i>	13.46	
23 05 23 00-0009 EA 1-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	87.30	10.36
<i>For 200 LB Rating, Add</i>	5.33	
<i>For 250 LB Rating, Add</i>	8.88	
<i>For 150 LB Rating, Add</i>	3.55	
<i>For 300 LB Rating, Add</i>	12.44	
<i>For Work In Restricted Working Space, Add</i>	15.53	
23 05 23 00-0010 EA 2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	109.72	12.25
<i>For 200 LB Rating, Add</i>	7.28	
<i>For 250 LB Rating, Add</i>	12.14	
<i>For 150 LB Rating, Add</i>	4.85	
<i>For 300 LB Rating, Add</i>	16.99	
<i>For Work In Restricted Working Space, Add</i>	18.35	
23 05 23 00-0011 EA 2-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	221.05	16.54
<i>For 200 LB Rating, Add</i>	20.77	
<i>For Chain Operated Type, Add</i>	62.30	
<i>For 250 LB Rating, Add</i>	34.61	
<i>For 150 LB Rating, Add</i>	13.84	
<i>For 300 LB Rating, Add</i>	48.45	
<i>For Work In Restricted Working Space, Add</i>	24.78	
23 05 23 00-0012 EA 3" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	260.81	19.21
<i>For 200 LB Rating, Add</i>	24.82	
<i>For Chain Operated Type, Add</i>	74.47	
<i>For 250 LB Rating, Add</i>	41.37	
<i>For 150 LB Rating, Add</i>	16.55	
<i>For 300 LB Rating, Add</i>	57.92	
<i>For Work In Restricted Working Space, Add</i>	28.60	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0013	EA		4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve .....	502.67	21.69
			For 200 LB Rating, Add	59.14	
			For Chain Operated Type, Add	177.41	
			For 250 LB Rating, Add	98.56	
			For 150 LB Rating, Add	39.42	
			For 300 LB Rating, Add	137.98	
			For Work In Restricted Working Space, Add	32.53	
23 05 23 00-0014			<b>Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0015	EA		1-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	82.09	10.36
			For 150 LB Rating, Add	6.06	
			For 250 LB Rating, Add	10.61	
			For Chain Operated Type, Add	10.61	
			For Work In Restricted Working Space, Add	15.53	
23 05 23 00-0016	EA		2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	176.97	12.25
			For 150 LB Rating, Add	23.16	
			For 250 LB Rating, Add	40.53	
			For Chain Operated Type, Add	40.53	
			For Work In Restricted Working Space, Add	18.35	
23 05 23 00-0017	EA		2-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	256.75	16.54
			For 150 LB Rating, Add	34.83	
			For 250 LB Rating, Add	60.95	
			For Chain Operated Type, Add	60.95	
			For Work In Restricted Working Space, Add	24.78	
23 05 23 00-0018	EA		3" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	323.81	19.21
			For 150 LB Rating, Add	45.70	
			For 250 LB Rating, Add	79.97	
			For Chain Operated Type, Add	79.97	
			For Work In Restricted Working Space, Add	28.60	
23 05 23 00-0019	EA		4" 125 LB Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve .....	723.49	21.69
			For 150 LB Rating, Add	123.01	
			For 250 LB Rating, Add	215.27	
			For Chain Operated Type, Add	215.27	
			For Work In Restricted Working Space, Add	32.53	
23 05 23 00-0020			<b>Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0021	EA		1-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	249.21	70.67
			For 150 LB Rating, Add	46.59	
			For 250 LB Rating, Add	80.33	
			For Chain Operated Type, Add	80.33	
			For 300 LB Rating, ASTM A182, Add	204.94	
			For Work In Restricted Working Space, Add	26.57	
23 05 23 00-0022	EA		2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	280.19	89.71
			For 150 LB Rating, Add	48.73	
			For 250 LB Rating, Add	84.02	
			For Chain Operated Type, Add	84.02	
			For 300 LB Rating, ASTM A182, Add	224.11	
			For Work In Restricted Working Space, Add	33.65	
23 05 23 00-0023	EA		2-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	314.25	89.84
			For 150 LB Rating, Add	58.46	
			For 250 LB Rating, Add	100.80	
			For Chain Operated Type, Add	100.80	
			For 300 LB Rating, ASTM A182, Add	257.93	
			For Work In Restricted Working Space, Add	33.80	
23 05 23 00-0024	EA		3" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	383.82	105.33
			For 150 LB Rating, Add	73.08	
			For 250 LB Rating, Add	126.00	
			For Chain Operated Type, Add	126.00	
			For 300 LB Rating, ASTM A182, Add	317.91	
			For Work In Restricted Working Space, Add	39.55	
23 05 23 00-0025	EA		4" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	557.30	176.59
			For 150 LB Rating, Add	97.44	
			For 250 LB Rating, Add	168.01	
			For Chain Operated Type, Add	168.01	
			For 300 LB Rating, ASTM A182, Add	446.66	
			For Work In Restricted Working Space, Add	66.39	
23 05 23 00-0026	EA		5" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	687.34	199.74
			For 150 LB Rating, Add	126.66	
			For 250 LB Rating, Add	218.39	
			For Chain Operated Type, Add	218.39	
			For 300 LB Rating, ASTM A182, Add	562.06	
			For Work In Restricted Working Space, Add	75.17	
23 05 23 00-0027	EA		6" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	814.92	221.94
			For 150 LB Rating, Add	155.88	
			For 250 LB Rating, Add	268.75	
			For Chain Operated Type, Add	268.75	
			For 300 LB Rating, ASTM A182, Add	676.21	
			For Work In Restricted Working Space, Add	83.23	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0028 EA 8" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,207.42	255.23
<i>For 150 LB Rating, Add</i>	258.21	
<i>For 250 LB Rating, Add</i>	445.19	
<i>For Chain Operated Type, Add</i>	445.19	
<i>For 300 LB Rating, ASTM A182, Add</i>	1,048.90	
<i>For Work In Restricted Working Space, Add</i>	95.11	
23 05 23 00-0029 EA 10" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,564.27	310.71
<i>For 150 LB Rating, Add</i>	341.01	
<i>For 250 LB Rating, Add</i>	587.95	
<i>For Chain Operated Type, Add</i>	587.95	
<i>For 300 LB Rating, ASTM A182, Add</i>	1,370.08	
<i>For Work In Restricted Working Space, Add</i>	116.51	
23 05 23 00-0030 EA 12" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,150.70	377.29
<i>For 150 LB Rating, Add</i>	487.18	
<i>For 250 LB Rating, Add</i>	839.97	
<i>For Chain Operated Type, Add</i>	839.97	
<i>For 300 LB Rating, ASTM A182, Add</i>	1,915.32	
<i>For Work In Restricted Working Space, Add</i>	141.23	
<b>23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0032 EA 1-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	219.74	10.36
<i>For 175 LB Rating, Add</i>	83.99	
<i>For 250 LB Rating, Add</i>	125.98	
<i>For Work In Restricted Working Space, Add</i>	15.53	
23 05 23 00-0033 EA 2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	278.32	12.25
<i>For 175 LB Rating, Add</i>	108.57	
<i>For 250 LB Rating, Add</i>	162.86	
<i>For Work In Restricted Working Space, Add</i>	18.35	
23 05 23 00-0034 EA 2-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	327.46	16.54
<i>For 175 LB Rating, Add</i>	122.43	
<i>For 250 LB Rating, Add</i>	183.64	
<i>For Work In Restricted Working Space, Add</i>	24.78	
23 05 23 00-0035 EA 3" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	365.49	19.21
<i>For 175 LB Rating, Add</i>	135.09	
<i>For 250 LB Rating, Add</i>	202.63	
<i>For Work In Restricted Working Space, Add</i>	28.60	
23 05 23 00-0036 EA 4" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	481.49	21.69
<i>For 175 LB Rating, Add</i>	186.53	
<i>For 250 LB Rating, Add</i>	279.80	
<i>For Work In Restricted Working Space, Add</i>	32.53	
<b>23 05 23 00-0037 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".		
23 05 23 00-0038 EA 1-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	320.16	70.67
<i>For 175 LB Rating, Add</i>	71.80	
<i>For 250 LB Rating, Add</i>	150.55	
<i>For 150 LB Rating, Add</i>	34.74	
<i>For Chain Operated Type, Add</i>	115.81	
<i>For Work In Restricted Working Space, Add</i>	26.57	
23 05 23 00-0039 EA 2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	350.65	89.71
<i>For 175 LB Rating, Add</i>	73.93	
<i>For 250 LB Rating, Add</i>	155.02	
<i>For 150 LB Rating, Add</i>	35.77	
<i>For Chain Operated Type, Add</i>	119.25	
<i>For Work In Restricted Working Space, Add</i>	33.65	
23 05 23 00-0040 EA 2-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	358.93	89.84
<i>For 175 LB Rating, Add</i>	76.35	
<i>For 250 LB Rating, Add</i>	160.08	
<i>For 150 LB Rating, Add</i>	36.94	
<i>For Chain Operated Type, Add</i>	123.14	
<i>For Work In Restricted Working Space, Add</i>	33.80	
23 05 23 00-0041 EA 3" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	402.80	105.33
<i>For 175 LB Rating, Add</i>	84.00	
<i>For 250 LB Rating, Add</i>	176.13	
<i>For 150 LB Rating, Add</i>	40.65	
<i>For Chain Operated Type, Add</i>	135.49	
<i>For Work In Restricted Working Space, Add</i>	39.55	
23 05 23 00-0042 EA 4" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	549.90	176.59
<i>For 175 LB Rating, Add</i>	101.87	
<i>For 250 LB Rating, Add</i>	213.60	
<i>For 150 LB Rating, Add</i>	49.29	
<i>For Chain Operated Type, Add</i>	164.31	
<i>For Work In Restricted Working Space, Add</i>	66.39	
23 05 23 00-0043 EA 5" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	709.06	199.74
<i>For 175 LB Rating, Add</i>	142.13	
<i>For 250 LB Rating, Add</i>	298.02	
<i>For 150 LB Rating, Add</i>	68.77	
<i>For Chain Operated Type, Add</i>	229.25	
<i>For Work In Restricted Working Space, Add</i>	75.17	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0044 EA 6" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	801.03	221.94
For 175 LB Rating, Add	162.32	
For 250 LB Rating, Add	340.35	
For 150 LB Rating, Add	78.54	
For Chain Operated Type, Add	261.81	
For Work In Restricted Working Space, Add	83.23	
23 05 23 00-0045 EA 8" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,202.61	255.23
For 175 LB Rating, Add	274.53	
For 250 LB Rating, Add	575.62	
For 150 LB Rating, Add	132.84	
For Chain Operated Type, Add	442.79	
For Work In Restricted Working Space, Add	95.11	
23 05 23 00-0046 EA 10" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,751.27	310.71
For 175 LB Rating, Add	422.50	
For 250 LB Rating, Add	885.88	
For 150 LB Rating, Add	204.43	
For Chain Operated Type, Add	681.45	
For Work In Restricted Working Space, Add	116.51	
23 05 23 00-0047 EA 12" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,198.11	377.29
For 175 LB Rating, Add	535.48	
For 250 LB Rating, Add	1,122.77	
For 150 LB Rating, Add	259.10	
For Chain Operated Type, Add	863.67	
For Work In Restricted Working Space, Add	141.23	
23 05 23 00-0048 EA 14" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	4,280.41	447.64
For 175 LB Rating, Add	1,141.90	
For 250 LB Rating, Add	2,394.31	
For 150 LB Rating, Add	552.53	
For Work In Restricted Working Space, Add	179.06	
23 05 23 00-0049 EA 16" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	5,556.04	525.23
For 175 LB Rating, Add	1,518.84	
For 250 LB Rating, Add	3,184.67	
For 150 LB Rating, Add	734.92	
For Work In Restricted Working Space, Add	196.97	
23 05 23 00-0050 EA 18" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	7,588.86	584.92
For 175 LB Rating, Add	2,126.40	
For 250 LB Rating, Add	4,458.59	
For 150 LB Rating, Add	1,028.91	
For Work In Restricted Working Space, Add	218.85	
23 05 23 00-0051 EA 20" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	9,638.52	656.55
For 175 LB Rating, Add	2,733.53	
For 250 LB Rating, Add	5,731.60	
For 150 LB Rating, Add	1,322.68	
For Work In Restricted Working Space, Add	246.20	
23 05 23 00-0052 EA 24" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	13,174.47	805.76
For 175 LB Rating, Add	3,770.96	
For 250 LB Rating, Add	7,906.86	
For 150 LB Rating, Add	1,824.66	
For Work In Restricted Working Space, Add	303.02	
23 05 23 00-0053 EA 30" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	27,490.71	1,313.09
For 175 LB Rating, Add	8,013.30	
For 250 LB Rating, Add	16,802.08	
For 150 LB Rating, Add	3,877.40	
For Work In Restricted Working Space, Add	492.41	
23 05 23 00-0054 EA 36" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	35,032.36	1,790.58
For 175 LB Rating, Add	10,181.60	
For 250 LB Rating, Add	21,348.52	
For 150 LB Rating, Add	4,926.58	
For Work In Restricted Working Space, Add	656.54	
<b>23 05 23 00-0055 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0001)</b>		
Note: 800 psig at 850 degrees F.		
23 05 23 00-0056 EA 1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	67.74	10.84
For Work In Restricted Working Space, Add	5.88	
23 05 23 00-0057 EA 1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	69.85	10.84
For Work In Restricted Working Space, Add	6.51	
23 05 23 00-0058 EA 3/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	83.86	14.61
For Work In Restricted Working Space, Add	8.78	
23 05 23 00-0059 EA 1" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	101.76	17.70
For Work In Restricted Working Space, Add	10.63	
23 05 23 00-0060 EA 1-1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	151.90	22.41
For Work In Restricted Working Space, Add	13.46	
23 05 23 00-0061 EA 1-1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	179.16	25.91
For Work In Restricted Working Space, Add	15.53	
23 05 23 00-0062 EA 2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	223.79	30.62
For Work In Restricted Working Space, Add	18.35	
<b>23 05 23 00-0063 Ball Valves (23 05 23)</b>		
<b>23 05 23 00-0064 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0063)</b>		
Note: 125 LB WSP.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0065 EA 1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	27.09	6.73
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	6.51	
<i>For Full Port, Add</i>	2.42	
23 05 23 00-0066 EA 3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	37.53	7.40
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	8.78	
<i>For Full Port, Add</i>	3.72	
23 05 23 00-0067 EA 1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	46.59	8.41
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	10.63	
<i>For Full Port, Add</i>	5.03	
23 05 23 00-0068 EA 1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	63.62	8.95
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	13.46	
<i>For Full Port, Add</i>	8.44	
23 05 23 00-0069 EA 1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	75.72	10.36
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	15.53	
<i>For Full Port, Add</i>	10.78	
23 05 23 00-0070 EA 2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	91.18	12.25
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	18.35	
<i>For Full Port, Add</i>	13.50	
23 05 23 00-0071 EA 2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	224.19	16.54
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	24.78	
<i>For Full Port, Add</i>	63.71	
23 05 23 00-0072 EA 3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	258.68	19.21
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	28.60	
<i>For Full Port, Add</i>	73.51	
23 05 23 00-0073 EA 4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	331.14	21.69
<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
<i>For Work In Restricted Working Space, Add</i>	32.53	
<i>For Full Port, Add</i>	100.22	
<b>23 05 23 00-0074 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0063)</b>		
23 05 23 00-0075 EA 1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	29.90	6.73
<i>For Work In Restricted Working Space, Add</i>	5.88	
23 05 23 00-0076 EA 1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	32.89	6.73
<i>For Work In Restricted Working Space, Add</i>	6.51	
23 05 23 00-0077 EA 3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	45.42	7.40
<i>For Work In Restricted Working Space, Add</i>	8.78	
23 05 23 00-0078 EA 1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	57.16	8.41
<i>For Work In Restricted Working Space, Add</i>	10.63	
23 05 23 00-0079 EA 1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	82.02	8.95
<i>For Work In Restricted Working Space, Add</i>	13.46	
23 05 23 00-0080 EA 1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	98.83	10.36
<i>For Work In Restricted Working Space, Add</i>	15.53	
23 05 23 00-0081 EA 2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	125.98	12.25
<i>For Work In Restricted Working Space, Add</i>	18.35	
<b>23 05 23 00-0082 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0063)</b>		
23 05 23 00-0083 EA 4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	832.68	176.59
<i>For Work In Restricted Working Space, Add</i>	66.39	
23 05 23 00-0084 EA 6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	1,403.08	221.94
<i>For Work In Restricted Working Space, Add</i>	83.23	
23 05 23 00-0085 EA 8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	2,966.61	255.23
<i>For Work In Restricted Working Space, Add</i>	95.11	
<b>23 05 23 00-0086 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves (23 05 23 00-0063)</b>		
23 05 23 00-0087 EA 1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	24.76	6.73
<i>For True Union Socket Or Thread Type, Add</i>	2.36	
<i>For Work In Restricted Working Space, Add</i>	6.51	
23 05 23 00-0088 EA 3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	32.77	7.40
<i>For True Union Socket Or Thread Type, Add</i>	2.94	
<i>For Work In Restricted Working Space, Add</i>	8.78	
23 05 23 00-0089 EA 1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	40.31	8.41
<i>For True Union Socket Or Thread Type, Add</i>	3.82	
<i>For Work In Restricted Working Space, Add</i>	10.63	
23 05 23 00-0090 EA 1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	51.30	8.95
<i>For True Union Socket Or Thread Type, Add</i>	4.93	
<i>For Work In Restricted Working Space, Add</i>	13.46	
23 05 23 00-0091 EA 1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	62.95	10.36
<i>For True Union Socket Or Thread Type, Add</i>	7.19	
<i>For Work In Restricted Working Space, Add</i>	15.53	
23 05 23 00-0092 EA 2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	75.43	12.25
<i>For True Union Socket Or Thread Type, Add</i>	8.91	
<i>For Work In Restricted Working Space, Add</i>	18.35	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0093	EA		2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	113.28	16.54
			<i>For True Union Socket Or Thread Type, Add</i>	16.61	
			<i>For Work In Restricted Working Space, Add</i>	24.78	
23 05 23 00-0094	EA		3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	147.47	19.21
			<i>For True Union Socket Or Thread Type, Add</i>	25.86	
			<i>For Work In Restricted Working Space, Add</i>	28.60	
23 05 23 00-0095	EA		4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	208.14	21.69
			<i>For True Union Socket Or Thread Type, Add</i>	45.58	
			<i>For Work In Restricted Working Space, Add</i>	32.53	
<b>23 05 23 00-0096</b>			<b>Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves</b> <small>(23 05 23 00-0063)</small>		
23 05 23 00-0097	EA		1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	45.58	10.09
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	8.82	
23 05 23 00-0098	EA		3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	47.12	10.09
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	9.28	
23 05 23 00-0099	EA		1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	48.75	10.09
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	9.77	
23 05 23 00-0100	EA		3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	61.05	11.10
			<i>For Full Port, Add</i>	7.72	
			<i>For Work In Restricted Working Space, Add</i>	13.17	
23 05 23 00-0101	EA		1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	78.54	12.62
			<i>For Full Port, Add</i>	11.43	
			<i>For Work In Restricted Working Space, Add</i>	15.94	
23 05 23 00-0102	EA		1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	102.08	13.43
			<i>For Full Port, Add</i>	15.65	
			<i>For Work In Restricted Working Space, Add</i>	20.19	
23 05 23 00-0103	EA		1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	123.90	15.55
			<i>For Full Port, Add</i>	20.81	
			<i>For Work In Restricted Working Space, Add</i>	23.30	
23 05 23 00-0104	EA		2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	167.03	18.37
			<i>For Full Port, Add</i>	33.87	
			<i>For Work In Restricted Working Space, Add</i>	27.53	
23 05 23 00-0105	EA		2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	306.57	24.82
			<i>For Full Port, Add</i>	82.19	
			<i>For Work In Restricted Working Space, Add</i>	37.18	
23 05 23 00-0106	EA		3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	433.02	28.81
			<i>For Full Port, Add</i>	130.51	
			<i>For Work In Restricted Working Space, Add</i>	42.90	
<b>23 05 23 00-0107</b>			<b>Globe Valves</b> <small>(23 05 23)</small>		
<b>23 05 23 00-0108</b>			<b>Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves</b> <small>(23 05 23 00-0107)</small>		
23 05 23 00-0109	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve .....	34.92	6.73
			<i>For Work In Restricted Working Space, Add</i>	6.51	
			<i>For 250 LB Rating, Add</i>	5.94	
			<i>For 150 LB Rating, Add</i>	4.10	
			<i>For 200 LB Rating, Add</i>	5.02	
			<i>For 300 LB Rating, Add</i>	7.27	
23 05 23 00-0110	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve .....	32.81	6.73
			<i>For Work In Restricted Working Space, Add</i>	5.88	
			<i>For 250 LB Rating, Add</i>	5.94	
			<i>For 150 LB Rating, Add</i>	4.10	
			<i>For 200 LB Rating, Add</i>	5.02	
			<i>For 300 LB Rating, Add</i>	7.27	
23 05 23 00-0111	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve .....	40.34	6.73
			<i>For Work In Restricted Working Space, Add</i>	6.19	
			<i>For 250 LB Rating, Add</i>	8.87	
			<i>For 150 LB Rating, Add</i>	6.11	
			<i>For 200 LB Rating, Add</i>	7.49	
			<i>For 300 LB Rating, Add</i>	10.84	
23 05 23 00-0112	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve .....	41.42	6.73
			<i>For Work In Restricted Working Space, Add</i>	6.51	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	30.37	
			<i>For 250 LB Rating, Add</i>	8.87	
			<i>For 150 LB Rating, Add</i>	6.11	
			<i>For 200 LB Rating, Add</i>	7.49	
			<i>For 300 LB Rating, Add</i>	10.84	
23 05 23 00-0113	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve .....	50.63	7.07
			<i>For Work In Restricted Working Space, Add</i>	8.78	
			<i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i>	35.21	
			<i>For 250 LB Rating, Add</i>	9.62	
			<i>For 150 LB Rating, Add</i>	6.62	
			<i>For 200 LB Rating, Add</i>	8.12	
			<i>For 300 LB Rating, Add</i>	11.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0114 EA 1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	64.30 10.63 45.94 13.00 8.95 10.97 15.88	7.07
23 05 23 00-0115 EA 1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	94.75 13.46 72.82 22.45 15.46 18.95 27.43	8.95
23 05 23 00-0116 EA 1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	123.05 15.53 99.12 32.08 22.10 27.09 39.20	10.36
23 05 23 00-0117 EA 2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	144.98 18.35 116.65 37.71 25.98 31.84 46.09	12.25
23 05 23 00-0118 EA 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	167.10 24.78 38.02 26.19 32.11 46.47	16.54
23 05 23 00-0119 EA 3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	284.61 28.60 85.18 58.68 71.93 104.11	19.21
<b>23 05 23 00-0120 Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves</b> <small>(23 05 23 00-0107)</small>		
23 05 23 00-0121 EA 2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	208.41 18.35 66.25 45.64 55.95 80.98 122.94	12.25
23 05 23 00-0122 EA 2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	261.08 24.78 80.31 55.33 67.82 98.16 149.02	16.54
23 05 23 00-0123 EA 3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	309.48 28.60 96.37 66.39 81.38 117.79 178.82	19.21
23 05 23 00-0124 EA 4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For 200 LB Rating, Add</i> <i>For 300 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	393.94 32.52 128.49 88.52 108.51 157.05 238.43	21.69
<b>23 05 23 00-0125 Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves</b> <small>(23 05 23 00-0107)</small>		
23 05 23 00-0126 EA 2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	249.80 33.65 61.94 42.67 68.82	89.71
23 05 23 00-0127 EA 2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve ..... <i>For Work In Restricted Working Space, Add</i> <i>For 250 LB Rating, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i>	280.45 33.80 75.51 52.02 83.90	89.84

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0128 EA 3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	333.18	105.33
For Work In Restricted Working Space, Add	39.55	
For 250 LB Rating, Add	90.61	
For 150 LB Rating, Add	62.42	
For Chain Operated Type, Add	100.68	
23 05 23 00-0129 EA 4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	462.10	176.59
For Work In Restricted Working Space, Add	58.09	
For 250 LB Rating, Add	120.81	
For 150 LB Rating, Add	83.23	
For Chain Operated Type, Add	134.24	
23 05 23 00-0130 EA 5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	623.91	199.74
For Work In Restricted Working Space, Add	75.17	
For 250 LB Rating, Add	168.00	
For 150 LB Rating, Add	115.74	
For Chain Operated Type, Add	186.67	
23 05 23 00-0131 EA 6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	749.34	221.94
For Work In Restricted Working Space, Add	83.23	
For 250 LB Rating, Add	212.36	
For 150 LB Rating, Add	146.30	
For Chain Operated Type, Add	235.96	
23 05 23 00-0132 EA 8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	1,042.75	255.23
For Work In Restricted Working Space, Add	95.11	
For 250 LB Rating, Add	326.57	
For 150 LB Rating, Add	224.97	
For Chain Operated Type, Add	362.86	
23 05 23 00-0133 EA 10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	1,493.73	310.71
For Work In Restricted Working Space, Add	116.51	
For 250 LB Rating, Add	497.41	
For 150 LB Rating, Add	342.66	
For Chain Operated Type, Add	552.68	
23 05 23 00-0134 EA 12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve .....	2,562.39	377.29
For Work In Restricted Working Space, Add	141.23	
For 250 LB Rating, Add	941.23	
For 150 LB Rating, Add	648.40	
For Chain Operated Type, Add	1,045.81	
<b>23 05 23 00-0135 Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves</b> <small>(23 05 23 00-0107)</small>		
23 05 23 00-0136 EA 1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	31.71	6.73
For Work In Restricted Working Space, Add	6.51	
For 150 LB Rating, Add	3.10	
For 300 LB Rating, Add	5.50	
For 200 LB Rating, Add	3.80	
23 05 23 00-0137 EA 1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	29.60	6.73
For Work In Restricted Working Space, Add	5.88	
For 150 LB Rating, Add	3.10	
For 300 LB Rating, Add	5.50	
For 200 LB Rating, Add	3.80	
23 05 23 00-0138 EA 3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	30.63	6.73
For Work In Restricted Working Space, Add	6.19	
For 150 LB Rating, Add	3.10	
For 300 LB Rating, Add	5.50	
For 200 LB Rating, Add	3.80	
23 05 23 00-0139 EA 1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	32.38	6.73
For Work In Restricted Working Space, Add	6.51	
For 150 LB Rating, Add	3.31	
For 300 LB Rating, Add	5.87	
For 200 LB Rating, Add	4.05	
23 05 23 00-0140 EA 3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	44.06	7.07
For Work In Restricted Working Space, Add	8.78	
For 150 LB Rating, Add	4.59	
For 300 LB Rating, Add	8.14	
For 200 LB Rating, Add	5.62	
23 05 23 00-0141 EA 1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	54.84	7.07
For Work In Restricted Working Space, Add	10.63	
For 150 LB Rating, Add	6.02	
For 300 LB Rating, Add	10.68	
For 200 LB Rating, Add	7.38	
23 05 23 00-0142 EA 1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	73.71	8.95
For Work In Restricted Working Space, Add	13.46	
For 150 LB Rating, Add	8.94	
For 300 LB Rating, Add	15.86	
For 200 LB Rating, Add	10.96	
23 05 23 00-0143 EA 1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	85.40	10.36
For Work In Restricted Working Space, Add	15.53	
For 150 LB Rating, Add	10.43	
For 300 LB Rating, Add	18.50	
For 200 LB Rating, Add	12.78	
23 05 23 00-0144 EA 2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve .....	111.83	12.25
For Work In Restricted Working Space, Add	18.35	
For 150 LB Rating, Add	15.70	
For 300 LB Rating, Add	27.86	
For 200 LB Rating, Add	19.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0145 EA 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	181.10	17.97
<i>For Work In Restricted Working Space, Add</i>	26.92	
<i>For 150 LB Rating, Add</i>	28.32	
<i>For 300 LB Rating, Add</i>	50.25	
<i>For 200 LB Rating, Add</i>	34.72	
23 05 23 00-0146 EA 3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	258.26	20.86
<i>For Work In Restricted Working Space, Add</i>	31.06	
<i>For 150 LB Rating, Add</i>	47.97	
<i>For 300 LB Rating, Add</i>	85.10	
<i>For 200 LB Rating, Add</i>	58.80	
<b>23 05 23 00-0147 Flanged, 125 LB, Iron Body, Angle Globe Valves <small>(23 05 23 00-0107)</small></b>		
23 05 23 00-0148 EA 2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	466.30	89.71
<i>For Work In Restricted Working Space, Add</i>	33.65	
<i>For Chain Operated Type, Add</i>	138.11	
<i>For 250 LB Rating, Add</i>	212.48	
23 05 23 00-0149 EA 2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	531.48	89.84
<i>For Work In Restricted Working Space, Add</i>	33.80	
<i>For Chain Operated Type, Add</i>	163.34	
<i>For 250 LB Rating, Add</i>	251.30	
23 05 23 00-0150 EA 3" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	625.38	105.33
<i>For Work In Restricted Working Space, Add</i>	39.55	
<i>For Chain Operated Type, Add</i>	192.48	
<i>For 250 LB Rating, Add</i>	296.13	
23 05 23 00-0151 EA 4" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	926.23	176.59
<i>For Work In Restricted Working Space, Add</i>	66.39	
<i>For Chain Operated Type, Add</i>	274.93	
<i>For 250 LB Rating, Add</i>	422.96	
23 05 23 00-0152 EA 5" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,513.95	199.74
<i>For Work In Restricted Working Space, Add</i>	75.17	
<i>For Chain Operated Type, Add</i>	492.72	
<i>For 250 LB Rating, Add</i>	758.03	
23 05 23 00-0153 EA 6" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,540.80	221.94
<i>For Work In Restricted Working Space, Add</i>	83.23	
<i>For Chain Operated Type, Add</i>	492.72	
<i>For 250 LB Rating, Add</i>	758.03	
23 05 23 00-0154 EA 8" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	2,789.72	255.23
<i>For Work In Restricted Working Space, Add</i>	95.11	
<i>For Chain Operated Type, Add</i>	964.35	
<i>For 250 LB Rating, Add</i>	1,483.61	
<b>23 05 23 00-0155 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves <small>(23 05 23 00-0107)</small></b>		
<i>Note: 800 PSIG at 850 degrees F.</i>		
23 05 23 00-0156 EA 1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	83.59	10.90
<i>For Work In Restricted Working Space, Add</i>	5.88	
23 05 23 00-0157 EA 1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	85.70	10.90
<i>For Work In Restricted Working Space, Add</i>	6.51	
23 05 23 00-0158 EA 3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	102.05	14.67
<i>For Work In Restricted Working Space, Add</i>	8.78	
23 05 23 00-0159 EA 1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	125.83	17.70
<i>For Work In Restricted Working Space, Add</i>	10.63	
23 05 23 00-0160 EA 1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	199.85	22.41
<i>For Work In Restricted Working Space, Add</i>	13.46	
23 05 23 00-0161 EA 1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	239.04	25.91
<i>For Work In Restricted Working Space, Add</i>	15.53	
23 05 23 00-0162 EA 2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	302.46	30.62
<i>For Work In Restricted Working Space, Add</i>	18.35	
<b>23 05 23 00-0163 Triple Duty Valves <small>(23 05 23)</small></b>		
<i>Note: Valves function as a shut-off, check valve and calibrated balancing valve.</i>		
<b>23 05 23 00-0164 Straight Pattern, Triple Duty Valves <small>(23 05 23 00-0163)</small></b>		
<i>Note: Bell &amp; Gossett 3DX and 3DS-S Series.</i>		
23 05 23 00-0165 EA 1" Threaded, Straight Pattern, Triple Duty Valve.....	197.90	7.07
23 05 23 00-0166 EA 1-1/4" Threaded, Straight Pattern, Triple Duty Valve.....	228.80	8.95
23 05 23 00-0167 EA 1-1/2" Threaded, Straight Pattern, Triple Duty Valve.....	247.98	10.36
23 05 23 00-0168 EA 2" Flanged, Straight Pattern, Triple Duty Valve.....	625.27	18.37
23 05 23 00-0169 EA 2-1/2" Flanged, Straight Pattern, Triple Duty Valve.....	728.94	89.84
23 05 23 00-0170 EA 3" Flanged, Straight Pattern, Triple Duty Valve.....	797.18	105.33
23 05 23 00-0171 EA 4" Flanged, Straight Pattern, Triple Duty Valve.....	1,637.84	176.59
23 05 23 00-0172 EA 5" Flanged, Straight Pattern Triple Duty Valve.....	1,921.61	199.74
23 05 23 00-0173 EA 6" Flanged, Straight Pattern, Triple Duty Valve.....	2,558.61	221.94
23 05 23 00-0174 EA 8" Flanged, Straight Pattern, Triple Duty Valve.....	3,413.82	255.23
23 05 23 00-0175 EA 10" Flanged, Straight Pattern, Triple Duty Valve.....	5,502.67	310.71
<b>23 05 23 00-0176 Flanged, Angle Pattern, Triple Duty Valves <small>(23 05 23 00-0163)</small></b>		
<i>Note: Bell &amp; Gossett 3D-S Series.</i>		
23 05 23 00-0177 EA 2" Flanged, Angle Pattern, Triple Duty Valve.....	609.94	18.37
23 05 23 00-0178 EA 2-1/2" Flanged, Angle Pattern, Triple Duty Valve.....	710.54	89.84

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0179	EA		3" Flanged, Angle Pattern, Triple Duty Valve.....	781.85	105.33
23 05 23 00-0180	EA		4" Flanged, Angle Pattern, Triple Duty Valve.....	1,597.98	176.59
23 05 23 00-0181	EA		5" Flanged, Angle Pattern, Triple Duty Valve.....	1,872.55	199.74
23 05 23 00-0182	EA		6" Flanged, Angle Pattern, Triple Duty Valve.....	2,098.70	221.94
23 05 23 00-0183	EA		8" Flanged, Angle Pattern, Triple Duty Valve.....	3,196.13	255.23
23 05 23 00-0184	EA		10" Flanged, Angle Pattern, Triple Duty Valve.....	4,279.29	310.71
<b>23 05 23 00-0185</b>			<b>Balanced, Straight Pattern, Triple Duty Valves (23 05 23 00-0163)</b>		
			Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0186	EA		3" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	729.72	105.33
23 05 23 00-0187	EA		4" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,460.00	176.59
23 05 23 00-0188	EA		5" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,716.18	199.74
23 05 23 00-0189	EA		6" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,279.60	221.94
23 05 23 00-0190	EA		8" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	3,033.62	255.23
23 05 23 00-0191	EA		10" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	4,867.98	310.71
23 05 23 00-0192	EA		12" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	7,351.20	377.29
23 05 23 00-0193	EA		14" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	8,938.76	416.12
23 05 23 00-0194	EA		16" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	11,216.65	488.26
<b>23 05 23 00-0195</b>			<b>Grooved Straight Pattern, Triple Duty Valves (23 05 23 00-0163)</b>		
			Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0196	EA		2" Grooved, Straight Pattern, Triple Duty Valve.....	699.11	16.63
23 05 23 00-0197	EA		2-1/2" Grooved, Straight Pattern, Triple Duty Valve.....	833.25	19.82
23 05 23 00-0198	EA		3" Grooved, Straight Pattern, Triple Duty Valve.....	970.45	21.50
23 05 23 00-0199	EA		4" Grooved, Straight Pattern, Triple Duty Valve.....	1,614.06	23.17
23 05 23 00-0200	EA		5" Grooved, Straight Pattern, Triple Duty Valve.....	1,866.51	28.30
23 05 23 00-0201	EA		6" Grooved, Straight Pattern Triple Duty Valve.....	2,488.87	36.29
23 05 23 00-0202	EA		8" Grooved, Straight Pattern Triple Duty Valve.....	3,386.34	46.05
23 05 23 00-0203	EA		10" Grooved, Straight Pattern Triple Duty Valve.....	5,351.40	51.60
23 05 23 00-0204	EA		12" Grooved, Straight Pattern Triple Duty Valve.....	8,503.79	62.92
<b>23 05 23 00-0205</b>			<b>Plug Valves (23 05 23)</b>		
<b>23 05 23 00-0206</b>			<b>Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (23 05 23 00-0205)</b>		
			Note: Includes wrench.		
23 05 23 00-0207	EA		1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	115.30	6.73
23 05 23 00-0208	EA		3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	122.85	7.40
23 05 23 00-0209	EA		1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	154.80	8.41
23 05 23 00-0210	EA		1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	186.22	8.95
23 05 23 00-0211	EA		1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	205.53	10.36
23 05 23 00-0212	EA		2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	242.64	12.25
23 05 23 00-0213	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	360.53	16.54
23 05 23 00-0214	EA		3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	439.14	19.21
<b>23 05 23 00-0215</b>			<b>Plug Valves, Lubricated, Semisteel Flanged (23 05 23 00-0205)</b>		
			Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0216	EA		2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	259.15	89.71
23 05 23 00-0217	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	306.27	89.84
23 05 23 00-0218	EA		3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	375.12	105.33
23 05 23 00-0219	EA		4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	550.74	176.59
23 05 23 00-0220	EA		6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,156.30	221.94
23 05 23 00-0221	EA		8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,900.44	255.23
23 05 23 00-0222	EA		10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	3,027.04	310.71
23 05 23 00-0223	EA		12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	4,475.90	377.29
<b>23 05 23 00-0224</b>			<b>Plug Valves, Forged Steel, Screwed (23 05 23 00-0205)</b>		
23 05 23 00-0225	EA		1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	422.05	6.73
23 05 23 00-0226	EA		3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	499.94	7.40
23 05 23 00-0227	EA		1" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	566.02	8.41
23 05 23 00-0228	EA		1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	679.97	8.95
23 05 23 00-0229	EA		1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	791.66	10.36
23 05 23 00-0230	EA		2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,039.02	12.25
<b>23 05 23 00-0231</b>			<b>Plug Valves, Eccentric, Cast Iron Flanged (23 05 23 00-0205)</b>		
23 05 23 00-0232	EA		4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	614.03	176.59
23 05 23 00-0233	EA		6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	924.01	199.74
23 05 23 00-0234	EA		8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,255.75	255.23
23 05 23 00-0235	EA		10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,777.77	310.71
23 05 23 00-0236	EA		12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,294.09	377.29
<b>23 05 23 00-0237</b>			<b>Foot Valves (23 05 23)</b>		
<b>23 05 23 00-0238</b>			<b>Single Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0237)</b>		
23 05 23 00-0239	EA		1" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	48.71	17.43





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0240 EA 1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction .....	55.05	19.52
23 05 23 00-0241 EA 1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction .....	68.26	22.31
23 05 23 00-0242 EA 2" Single Poppet Foot Valve, Metal To Metal Seat Construction .....	86.95	25.10
23 05 23 00-0243 EA 2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction .....	186.33	41.13
23 05 23 00-0244 EA 3" Single Poppet Foot Valve, Metal To Metal Seat Construction .....	236.23	50.20
<b>23 05 23 00-0245 Double Poppet Foot Valves, Metal To Metal Seat Construction</b> <small>(23 05 23 00-0237)</small>		
23 05 23 00-0246 EA 1" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	48.71	17.43
23 05 23 00-0247 EA 1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	90.63	19.52
23 05 23 00-0248 EA 1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	88.79	22.31
23 05 23 00-0249 EA 2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	117.05	25.10
23 05 23 00-0250 EA 3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	223.64	41.13
23 05 23 00-0251 EA 4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	299.55	49.50
<b>23 05 23 00-0252 Float Valves</b> <small>(23 05 23)</small>		
<b>23 05 23 00-0253 Float Valve Assembly For Maintaining Liquid Level In Tanks</b> <small>(23 05 23 00-0252)</small>		
<b>23 05 23 00-0254 Single Seat, Bronze Construction</b> <small>(23 05 23 00-0253)</small>		
<small>Note: For storage tanks, reservoirs, cooling towers and filtration plants.</small>		
23 05 23 00-0255 EA Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve .....	92.61	14.14
23 05 23 00-0256 EA Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve .....	106.59	16.83
23 05 23 00-0257 EA Inlet Size 1", Maximum PSI 100, Single Seat Float Valve .....	135.45	18.17
23 05 23 00-0258 EA Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve .....	220.87	22.89
23 05 23 00-0259 EA Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve .....	227.60	26.24
<b>23 05 23 00-0260 Double Seat, Bronze Construction</b> <small>(23 05 23 00-0253)</small>		
<small>Note: For hot or cold water or oil to open tanks.</small>		
23 05 23 00-0261 EA Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	452.80	14.14
23 05 23 00-0262 EA Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	458.18	16.83
23 05 23 00-0263 EA Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	527.74	18.17
23 05 23 00-0264 EA Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve .....	585.40	22.89
23 05 23 00-0265 EA Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve .....	669.32	26.24
23 05 23 00-0266 EA Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	875.58	30.96
23 05 23 00-0267 EA Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve .....	1,022.17	41.51
23 05 23 00-0268 EA Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	1,228.14	47.71
<b>23 05 23 00-0269 Float Valve Single Seated Balanced For Air Oil Or Water</b> <small>(23 05 23 00-0252)</small>		
<small>Note: Includes arm, ball and bracket.</small>		
<b>23 05 23 00-0270 Brass Body Threaded Ends</b> <small>(23 05 23 00-0269)</small>		
23 05 23 00-0271 EA 1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	105.88	18.24
23 05 23 00-0272 EA 3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	119.34	20.26
23 05 23 00-0273 EA 1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	144.96	22.41
23 05 23 00-0274 EA 1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket .....	232.11	36.21
23 05 23 00-0275 EA 1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket .....	246.65	41.26
23 05 23 00-0276 EA 2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	282.61	51.15
<b>23 05 23 00-0277 Cast Iron Body Flanged</b> <small>(23 05 23 00-0269)</small>		
23 05 23 00-0278 EA 2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	2,855.38	109.05
23 05 23 00-0279 EA 3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	3,442.07	123.92
<b>23 05 23 00-0280 Float Operated Valves</b> <small>(23 05 23 00-0252)</small>		
<b>23 05 23 00-0281 For Condensate Receivers Tanks And Vessels</b> <small>(23 05 23 00-0280)</small>		
<small>Note: Cast iron body, self-contained, float in-line mount.</small>		
23 05 23 00-0282 EA 1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	333.67	31.63
<b>23 05 23 00-0283 For Condensate Receivers Tanks And Vessels</b> <small>(23 05 23 00-0280)</small>		
<small>Note: Cast iron body, external float tank mount, flanged.</small>		
23 05 23 00-0284 EA 3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	433.52	58.86
<b>23 05 23 00-0285 Needle Valves</b> <small>(23 05 23)</small>		
<b>23 05 23 00-0286 Bronze Needle Valve</b> <small>(23 05 23 00-0285)</small>		
<small>Note: For heating and cooling applications.</small>		
23 05 23 00-0287 EA 1/4" Needle Valve, Bronze.....	50.01	6.73
23 05 23 00-0288 EA 3/8" Needle Valve, Bronze.....	55.33	6.73
23 05 23 00-0289 EA 1/2" Needle Valve, Bronze.....	60.21	6.73
23 05 23 00-0290 EA 3/4" Needle Valve, Bronze.....	90.06	7.40
23 05 23 00-0291 EA 1" Needle Valve, Bronze.....	134.61	8.41
<b>23 05 23 00-0292 Eccentric Valves With Taps</b> <small>(23 05 23)</small>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0293			<b>Screwed Eccentric Valves With Taps</b> (23 05 23 00-0292)		
23 05 23 00-0294	EA		1/2" Diameter Eccentric Valves With Taps, Screwed.....	112.51	6.73
23 05 23 00-0295	EA		3/4" Diameter Eccentric Valves With Taps, Screwed.....	121.45	7.40
23 05 23 00-0296	EA		1" Diameter Eccentric Valves With Taps, Screwed.....	152.76	8.41
23 05 23 00-0297	EA		1-1/4" Diameter Eccentric Valves With Taps, Screwed.....	185.95	8.95
23 05 23 00-0298	EA		1-1/2" Diameter Eccentric Valves With Taps, Screwed.....	204.03	10.36
23 05 23 00-0299	EA		2" Diameter Eccentric Valves With Taps, Screwed.....	239.98	12.25
23 05 23 00-0300	EA		2-1/2" Diameter Eccentric Valves With Taps, Screwed.....	359.19	16.54
23 05 23 00-0301	EA		3" Diameter Eccentric Valves With Taps, Screwed.....	434.76	19.21
23 05 23 00-0302			<b>Flanged Eccentric Valves With Taps</b> (23 05 23 00-0292)		
23 05 23 00-0303	EA		2-1/2" Diameter Eccentric Valves With Taps, Flanged.....	440.92	89.84
23 05 23 00-0304	EA		3" Diameter Eccentric Valves With Taps, Flanged.....	522.96	105.33
23 05 23 00-0305	EA		4" Diameter Eccentric Valves With Taps, Flanged.....	717.18	176.59
23 05 23 00-0306	EA		5" Diameter Eccentric Valves With Taps, Flanged.....	949.01	199.74
23 05 23 00-0307	EA		6" Diameter Eccentric Valves With Taps, Flanged.....	1,185.39	221.94
23 05 23 00-0308	EA		8" Diameter Eccentric Valves With Taps, Flanged.....	1,958.37	255.23
23 05 23 00-0309	EA		10" Diameter Eccentric Valves With Taps, Flanged.....	2,728.15	310.71
23 05 23 00-0310	EA		12" Diameter Eccentric Valves With Taps, Flanged.....	4,626.49	377.29
23 05 23 00-0311			<b>Check Valves</b> (23 05 23)		
23 05 23 00-0312			<b>Iron Body Wafer Type Check Valve</b> (23 05 23 00-0311)		
23 05 23 00-0313			<b>Single Disk Type</b> (23 05 23 00-0312)		
23 05 23 00-0314	EA		2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	233.45	92.93
			For 300 LB Rating, Add	35.18	
			For 200 LB Rating, Add	29.31	
			For 150 LB Rating, Add	24.62	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	76.00	
23 05 23 00-0315	EA		2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	270.34	93.08
			For 300 LB Rating, Add	46.09	
			For 200 LB Rating, Add	38.41	
			For 150 LB Rating, Add	32.26	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	92.47	
23 05 23 00-0316	EA		3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	330.77	109.13
			For 300 LB Rating, Add	58.25	
			For 200 LB Rating, Add	48.55	
			For 150 LB Rating, Add	40.78	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	114.70	
23 05 23 00-0317	EA		4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	492.26	182.95
			For 300 LB Rating, Add	78.90	
			For 200 LB Rating, Add	65.75	
			For 150 LB Rating, Add	55.23	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	164.20	
23 05 23 00-0318	EA		6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	732.92	256.78
			For 300 LB Rating, Add	123.59	
			For 200 LB Rating, Add	102.99	
			For 150 LB Rating, Add	86.51	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	249.57	
23 05 23 00-0319	EA		8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	999.97	295.30
			For 300 LB Rating, Add	189.65	
			For 200 LB Rating, Add	158.05	
			For 150 LB Rating, Add	132.76	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	358.04	
23 05 23 00-0320	EA		10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	1,462.37	359.49
			For 300 LB Rating, Add	302.92	
			For 200 LB Rating, Add	252.43	
			For 150 LB Rating, Add	212.04	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	544.90	
23 05 23 00-0321			<b>Twin Disc Type</b> (23 05 23 00-0312)		
23 05 23 00-0322	EA		2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	247.86	92.93
			For 300 LB Rating, Add	39.50	
			For 200 LB Rating, Add	32.92	
			For 150 LB Rating, Add	27.65	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	82.49	
23 05 23 00-0323	EA		2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	274.73	93.08
			For 300 LB Rating, Add	47.40	
			For 200 LB Rating, Add	39.50	
			For 150 LB Rating, Add	33.18	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	94.45	
23 05 23 00-0324	EA		3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	320.95	109.13
			For 300 LB Rating, Add	55.31	
			For 200 LB Rating, Add	46.09	
			For 150 LB Rating, Add	38.72	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	110.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0325 EA 4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	463.39	182.95
For 300 LB Rating, Add	70.24	
For 200 LB Rating, Add	58.53	
For 150 LB Rating, Add	49.17	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	151.21	
23 05 23 00-0326 EA 6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	698.51	256.78
For 300 LB Rating, Add	113.26	
For 200 LB Rating, Add	94.39	
For 150 LB Rating, Add	79.28	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	234.09	
23 05 23 00-0327 EA 8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	943.40	295.30
For 300 LB Rating, Add	172.97	
For 200 LB Rating, Add	144.14	
For 150 LB Rating, Add	121.08	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	332.82	
23 05 23 00-0328 EA 10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,362.66	32.10
For 300 LB Rating, Add	273.93	
For 200 LB Rating, Add	228.28	
For 150 LB Rating, Add	191.75	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	500.81	
23 05 23 00-0329 EA 12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,767.39	436.53
For 300 LB Rating, Add	367.01	
For 200 LB Rating, Add	305.84	
For 150 LB Rating, Add	256.91	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	659.32	
23 05 23 00-0330 EA 14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	3,152.19	498.40
For 300 LB Rating, Add	746.30	
For 200 LB Rating, Add	621.92	
For 150 LB Rating, Add	522.41	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,252.35	
23 05 23 00-0331 EA 16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	4,242.98	584.79
For 300 LB Rating, Add	1,053.60	
For 200 LB Rating, Add	878.00	
For 150 LB Rating, Add	737.52	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,726.60	
23 05 23 00-0332 EA 18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	5,580.60	651.23
For 300 LB Rating, Add	1,430.52	
For 200 LB Rating, Add	1,192.10	
For 150 LB Rating, Add	1,001.36	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	2,308.22	
23 05 23 00-0333 EA 20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	6,616.14	730.98
For 300 LB Rating, Add	1,710.72	
For 200 LB Rating, Add	1,425.60	
For 150 LB Rating, Add	1,197.51	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	2,748.83	
23 05 23 00-0334 EA 24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	8,617.36	897.12
For 300 LB Rating, Add	2,247.83	
For 200 LB Rating, Add	1,873.20	
For 150 LB Rating, Add	1,573.48	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	3,596.67	
<b>23 05 23 00-0335 Bronze Body Swing Check Valves (23 05 23 00-0311)</b>		
<b>23 05 23 00-0336 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves (23 05 23 00-0335)</b>		
23 05 23 00-0337 EA 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	37.98	6.73
For Work In Restricted Working Space, Add	6.51	
For 300 LB Rating, Add	6.35	
23 05 23 00-0338 EA 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	35.87	6.73
For Work In Restricted Working Space, Add	5.88	
For 300 LB Rating, Add	6.35	
23 05 23 00-0339 EA 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	36.90	6.73
For Work In Restricted Working Space, Add	6.19	
For 300 LB Rating, Add	6.35	
23 05 23 00-0340 EA 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	38.62	6.73
For Work In Restricted Working Space, Add	6.51	
For 300 LB Rating, Add	6.59	
23 05 23 00-0341 EA 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	49.75	7.07
For Work In Restricted Working Space, Add	8.78	
For 300 LB Rating, Add	7.99	
23 05 23 00-0342 EA 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	63.24	7.07
For Work In Restricted Working Space, Add	10.63	
For 300 LB Rating, Add	10.85	
23 05 23 00-0343 EA 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	83.93	8.95
For Work In Restricted Working Space, Add	13.46	
For 300 LB Rating, Add	15.23	
23 05 23 00-0344 EA 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	106.46	10.36
For Work In Restricted Working Space, Add	15.53	
For 300 LB Rating, Add	21.33	
23 05 23 00-0345 EA 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	131.50	12.25
For Work In Restricted Working Space, Add	18.35	
For 300 LB Rating, Add	27.42	
23 05 23 00-0346 EA 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	244.26	16.54
For Work In Restricted Working Space, Add	24.78	
For 300 LB Rating, Add	63.04	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0347	EA		3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB ..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	325.22 28.60 89.66	19.21
23 05 23 00-0348	EA		4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB ..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	368.59 32.53 101.46	21.69
<b>23 05 23 00-0349</b>			<b>125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves</b> <small>(23 05 23 00-0311)</small>		
23 05 23 00-0350	EA		1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	208.50 19.05 98.61 188.51	50.47
23 05 23 00-0351	EA		1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	232.92 21.95 108.64 207.69	58.89
23 05 23 00-0352	EA		1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	261.82 26.57 117.82 225.25	70.67
23 05 23 00-0353	EA		2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	327.36 33.65 146.34 279.76	89.71
23 05 23 00-0354	EA		2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	363.80 33.80 170.78 326.50	89.84
23 05 23 00-0355	EA		3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	404.76 39.55 185.59 354.81	105.33
23 05 23 00-0356	EA		4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	643.08 66.39 286.82 548.33	176.59
23 05 23 00-0357	EA		5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	869.85 75.17 421.11 805.06	199.74
23 05 23 00-0358	EA		6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	995.44 83.23 488.25 933.43	221.94
23 05 23 00-0359	EA		8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	2,109.68 95.11 1,219.00 2,330.43	255.23
23 05 23 00-0360	EA		10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	2,828.55 116.51 1,659.32 3,172.22	310.71
23 05 23 00-0361	EA		12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	4,276.09 141.23 2,587.62 4,946.92	377.29
23 05 23 00-0362	EA		14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	4,905.00 179.06 2,929.54 5,600.58	447.64
23 05 23 00-0363	EA		16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	6,931.33 196.97 4,266.85 8,157.21	525.23
23 05 23 00-0364	EA		18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	10,591.68 218.85 6,706.29 12,820.85	584.92
23 05 23 00-0365	EA		20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	14,547.20 246.20 9,334.03 17,844.48	656.55
23 05 23 00-0366	EA		24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i>	20,226.33 303.02 13,067.06 24,981.14	805.76
<b>23 05 23 00-0367</b>			<b>Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves</b> <small>(23 05 23 00-0311)</small> Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0368	EA		1/2" Class 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	78.07 6.51	6.73



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0369 EA 3/4" 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	93.25 8.78	7.40
23 05 23 00-0370 EA 1" Class 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	110.56 10.63	8.41
23 05 23 00-0371 EA 1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	167.76 13.46	8.95
23 05 23 00-0372 EA 1-1/2" 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	198.53 15.53	10.36
23 05 23 00-0373 EA 2" Class 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	265.47 18.35	12.25
<b>23 05 23 00-0374 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections</b> <small>(23 05 23 00-0311)</small>		
23 05 23 00-0375 EA 1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	34.20 6.51	6.73
23 05 23 00-0376 EA 3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	41.75 8.78	7.40
23 05 23 00-0377 EA 1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	48.40 10.63	8.41
23 05 23 00-0378 EA 1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	58.39 13.46	8.95
23 05 23 00-0379 EA 1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	66.07 15.53	10.36
23 05 23 00-0380 EA 2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	83.41 18.35	12.25
23 05 23 00-0381 EA 2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	114.26 24.78	16.54
23 05 23 00-0382 EA 3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	136.39 28.60	19.21
<b>23 05 23 00-0383 Cast Iron Valves</b> <small>(23 05 23)</small>		
<b>23 05 23 00-0384 Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Valves</b> <small>(23 05 23 00-0383)</small>		
23 05 23 00-0385 EA 1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	118.47	20.14
23 05 23 00-0386 EA 3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	149.59	22.30
23 05 23 00-0387 EA 1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	164.40	27.57
23 05 23 00-0388 EA 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	259.42	41.20
23 05 23 00-0389 EA 2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	406.70	49.57
<b>23 05 23 00-0390 Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Valves</b> <small>(23 05 23 00-0383)</small>		
23 05 23 00-0391 EA 1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	149.57	30.29
23 05 23 00-0392 EA 3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	173.38	33.65
23 05 23 00-0393 EA 1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	206.83	50.47
23 05 23 00-0394 EA 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	311.51	70.67
23 05 23 00-0395 EA 2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	489.84	89.71
23 05 23 00-0396 EA 2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	619.46	89.84
23 05 23 00-0397 EA 3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	767.75	105.33
23 05 23 00-0398 EA 4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,094.25	176.59
23 05 23 00-0399 EA 6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	2,233.18	221.94
23 05 23 00-0400 EA 8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	3,418.39	255.23
<b>23 05 23 00-0401 Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Valves</b> <small>(23 05 23 00-0383)</small>		
23 05 23 00-0402 EA 1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	77.75	20.14
23 05 23 00-0403 EA 3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	99.22	22.30
23 05 23 00-0404 EA 1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	114.03	27.57
23 05 23 00-0405 EA 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	190.82	41.20
23 05 23 00-0406 EA 2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	247.00	49.57

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 23 00-0407	Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Valves <small>(23 05 23 00-0383)</small>			
23 05 23 00-0408	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	106.32	30.29
23 05 23 00-0409	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	119.92	33.65
23 05 23 00-0410	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	153.36	50.47
23 05 23 00-0411	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	238.71	70.67
23 05 23 00-0412	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	320.34	89.71
23 05 23 00-0413	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	384.07	89.84
23 05 23 00-0414	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	466.29	105.33
23 05 23 00-0415	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	738.90	176.59
23 05 23 00-0416	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	1,437.05	221.94
23 05 23 00-0417	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	2,155.67	255.23
23 05 23 00-0418	125 LB, Flanged Cast Iron Diaphragm Valves, Hand Wheel Operated <small>(23 05 23 00-0383)</small>			
23 05 23 00-0419	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	190.72	50.47
23 05 23 00-0420	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	305.60	70.67
23 05 23 00-0421	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	409.66	89.71
23 05 23 00-0422	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	576.67	89.84
23 05 23 00-0423	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	638.88	105.33
23 05 23 00-0424	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	1,005.26	176.59
23 05 23 00-0425	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	1,980.06	221.94
23 05 23 00-0426	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged .....	4,025.42	255.23
23 05 23 00-0427	Solenoid Valves <small>(23 05 23)</small>			
23 05 23 00-0428	Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure <small>(23 05 23 00-0427)</small>			
23 05 23 00-0429	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water .....	57.82	6.73
23 05 23 00-0430	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	66.78	6.73
23 05 23 00-0431	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water .....	85.94	7.40
23 05 23 00-0432	EA	1" Solenoid Valve, Bronze, 150 PSI, Water .....	124.19	8.41
23 05 23 00-0433	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	215.65	10.36
23 05 23 00-0434	EA	2" Solenoid Valve, Bronze, 150 PSI, Water .....	331.37	12.25
23 05 23 00-0435	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	451.11	16.54
23 05 23 00-0436	EA	3" Solenoid Valve, Bronze, 150 PSI, Water .....	646.64	19.21
23 05 23 00-0437	Flow Control Valves And Meters <small>(23 05 23)</small>			
23 05 23 00-0438	Conditioned Water Balancing Valves <small>(23 05 23 00-0437)</small>			
Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.				
23 05 23 00-0439	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	81.12	35.56
23 05 23 00-0440	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	99.28	47.40
23 05 23 00-0441	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	149.38	54.17
23 05 23 00-0442	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	193.95	66.93
23 05 23 00-0443	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	222.23	71.11
23 05 23 00-0444	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	294.51	81.29
23 05 23 00-0445	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	554.78	141.49
23 05 23 00-0446	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	763.31	161.70
23 05 23 00-0447	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,062.89	188.74
23 05 23 00-0448	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,211.58	195.48
23 05 23 00-0449	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,361.12	202.22
23 05 23 00-0450	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	2,284.64	231.10
23 05 23 00-0451	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	3,874.25	256.78
23 05 23 00-0452	Read Out Meters <small>(23 05 23 00-0437)</small>			
Note: For use with conditioned portable water balancing valves.				
23 05 23 00-0453	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	502.11	
23 05 23 00-0454	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	679.50	
23 05 23 00-0455	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	679.50	
23 05 23 00-0456	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	679.50	
23 05 23 00-0457	Balancing Valves <small>(23 05 23)</small>			

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**23 05 23 00-0458**

**Balancing Valves With Lever** (23 05 23 00-0457)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0459	EA			1/2" Threaded Balancing Valve With Lever .....	138.45	21.96
23 05 23 00-0460	EA			3/4" Threaded Balancing Valve With Lever .....	155.41	28.93
23 05 23 00-0461	EA			1" Threaded Balancing Valve With Lever .....	166.12	33.12
23 05 23 00-0462	EA			1-1/4" Threaded Balancing Valve With Lever .....	190.24	41.13
23 05 23 00-0463	EA			1-1/2" Threaded Balancing Valve With Lever .....	203.93	43.57
23 05 23 00-0464	EA			2" Threaded Balancing Valve With Lever .....	226.11	49.85
23 05 23 00-0465	EA			2-1/2" Flanged Balancing Valve With Lever.....	422.26	88.27
23 05 23 00-0466	EA			3" Flanged Balancing Valve With Lever.....	512.73	117.80
23 05 23 00-0467	EA			4" Flanged Balancing Valve With Lever.....	675.50	136.41
23 05 23 00-0468	EA			5" Flanged Balancing Valve With Lever.....	1,000.96	160.49
23 05 23 00-0469	EA			6" Flanged Balancing Valve With Lever.....	1,046.22	183.28
23 05 23 00-0470	EA			8" Flanged Balancing Valve With Lever.....	1,354.81	205.43

**23 05 23 00-0471**

**Balancing Valves With Nut** (23 05 23 00-0457)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0472	EA			4" Flanged Balancing Valve With Nut .....	643.87	136.41
23 05 23 00-0473	EA			5" Flanged Balancing Valve With Nut .....	960.82	160.49
23 05 23 00-0474	EA			6" Flanged Balancing Valve With Nut .....	1,006.08	183.28
23 05 23 00-0475	EA			8" Flanged Balancing Valve With Nut .....	1,298.85	205.43

**23 05 23 00-0476**

**Balancing Valves With Hand Wheel** (23 05 23 00-0457)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0477	EA			4" Flanged Balancing Valve With Hand Wheel.....	881.08	136.41
23 05 23 00-0478	EA			5" Flanged Balancing Valve With Hand Wheel.....	1,255.48	183.28
23 05 23 00-0479	EA			6" Flanged Balancing Valve With Hand Wheel.....	1,210.19	160.49
23 05 23 00-0480	EA			8" Flanged Balancing Valve With Hand Wheel.....	1,526.74	183.28
23 05 23 00-0481	EA			10" Flanged Balancing Valve With Hand Wheel.....	2,266.33	224.49
23 05 23 00-0482	EA			12" Flanged Balancing Valve With Hand Wheel.....	2,943.21	281.96
23 05 23 00-0483	EA			14" Flanged Balancing Valve With Hand Wheel.....	3,897.99	292.26

**23 05 23 00-0484**

**Balancing Valves With Chain Wheel** (23 05 23 00-0457)

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0485	EA			4" Flanged Balancing Valve With Chain Wheel .....	1,010.02	136.41
23 05 23 00-0486	EA			5" Flanged Balancing Valve With Chain Wheel .....	1,385.64	183.28
23 05 23 00-0487	EA			6" Flanged Balancing Valve With Chain Wheel .....	1,340.35	160.49
23 05 23 00-0488	EA			8" Flanged Balancing Valve With Chain Wheel .....	1,655.69	183.28
23 05 23 00-0489	EA			10" Flanged Balancing Valve With Chain Wheel.....	2,396.72	224.36
23 05 23 00-0490	EA			12" Flanged Balancing Valve With Chain Wheel.....	3,102.73	281.76
23 05 23 00-0491	EA			14" Flanged Balancing Valve With Chain Wheel.....	4,055.57	292.39

**23 05 23 00-0492**

**Calibrated Balancing Valves** (23 05 23 00-0457)

Note: Bell & Gossett CB Series.

23 05 23 00-0493	EA			1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S).....	71.55	6.97
23 05 23 00-0494	EA			3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S).....	84.27	7.67
23 05 23 00-0495	EA			1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S).....	102.93	8.71
23 05 23 00-0496	EA			1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S).....	138.46	9.28
23 05 23 00-0497	EA			1" Threaded Calibrated Balancing Valve (CB-1).....	109.67	8.71
23 05 23 00-0498	EA			1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4).....	150.11	9.28
23 05 23 00-0499	EA			1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2).....	174.44	10.74
23 05 23 00-0500	EA			2" Threaded Calibrated Balancing Valve (CB-2).....	235.08	12.69
23 05 23 00-0501	EA			2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2).....	436.34	18.62
23 05 23 00-0502	EA			3" Threaded Calibrated Balancing Valve (CB-3).....	613.13	21.61
23 05 23 00-0503	EA			2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F).....	580.55	101.09
23 05 23 00-0504	EA			3" Flanged Calibrated Balancing Valve (CB-3F).....	838.22	118.52
23 05 23 00-0505	EA			4" Flanged Calibrated Balancing Valve (CB-4F).....	1,281.80	198.70
23 05 23 00-0506	EA			5" Flanged Calibrated Balancing Valve (CB-5F).....	1,918.42	250.99
23 05 23 00-0507	EA			6" Flanged Calibrated Balancing Valve (CB-6F).....	2,510.20	278.87
23 05 23 00-0508	EA			8" Flanged Calibrated Balancing Valve (CB-8F).....	4,460.98	320.70
23 05 23 00-0509	EA			10" Flanged Calibrated Balancing Valve (CB-10F).....	6,191.00	372.13
23 05 23 00-0510	EA			12" Flanged Calibrated Balancing Valve (CB-12F).....	12,992.73	451.87
23 05 23 00-0511	EA			4" Grooved Calibrated Balancing Valve (CB-4G).....	1,537.41	23.17
23 05 23 00-0512	EA			5" Grooved Calibrated Balancing Valve (CB-5G).....	1,771.46	28.30
23 05 23 00-0513	EA			6" Grooved Calibrated Balancing Valve (CB-6G).....	2,353.96	36.29
23 05 23 00-0514	EA			8" Grooved Calibrated Balancing Valve (CB-8G).....	4,404.29	46.05
23 05 23 00-0515	EA			10" Grooved Calibrated Balancing Valve (CB-10G).....	5,919.65	51.60
23 05 23 00-0516	EA			12" Grooved Calibrated Balancing Valve (CB-12G).....	12,184.91	62.92

**23 05 23 00-0517**

**Butterfly Valves** (23 05 23)

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0518			<b>Cast Iron Body, Iron Disc, Butterfly Valves</b> <small>(23 05 23 00-0517)</small>		
			Note: With on-off handle, 150 PSI wafer type.		
23 05 23 00-0519	EA		2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	195.85	89.71
			For 200 PSI, Add	40.17	
			For Work In Restricted Working Space, Add	33.65	
23 05 23 00-0520	EA		2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	201.21	89.84
			For 200 PSI, Add	42.51	
			For Work In Restricted Working Space, Add	33.80	
23 05 23 00-0521	EA		3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	227.20	105.33
			For 200 PSI, Add	45.78	
			For Work In Restricted Working Space, Add	39.55	
23 05 23 00-0522	EA		4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	340.99	176.59
			For 200 PSI, Add	57.46	
			For Work In Restricted Working Space, Add	66.39	
23 05 23 00-0523	EA		5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	420.87	199.74
			For 200 PSI, Add	81.74	
			For Work In Restricted Working Space, Add	75.17	
23 05 23 00-0524	EA		6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	485.67	221.94
			For 200 PSI, Add	99.96	
			For Work In Restricted Working Space, Add	83.23	
23 05 23 00-0525	EA		8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	630.39	255.23
			For 200 PSI, Add	150.41	
			For Work In Restricted Working Space, Add	95.11	
23 05 23 00-0526	EA		10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	995.63	310.71
			For 200 PSI, Add	291.48	
			For Work In Restricted Working Space, Add	116.51	
23 05 23 00-0527	EA		12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,244.43	377.29
			For 200 PSI, Add	371.36	
			For Work In Restricted Working Space, Add	141.23	
23 05 23 00-0528			<b>Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Butterfly Valves</b> <small>(23 05 23 00-0517)</small>		
23 05 23 00-0529	EA		2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	341.82	89.71
			For Work In Restricted Working Space, Add	33.65	
23 05 23 00-0530	EA		2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	344.26	89.84
			For Work In Restricted Working Space, Add	33.80	
23 05 23 00-0531	EA		3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	375.12	105.33
			For Work In Restricted Working Space, Add	39.55	
23 05 23 00-0532	EA		4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	495.72	176.59
			For Work In Restricted Working Space, Add	66.39	
23 05 23 00-0533	EA		5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	592.15	199.74
			For Work In Restricted Working Space, Add	75.17	
23 05 23 00-0534	EA		6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	655.92	221.94
			For Work In Restricted Working Space, Add	83.23	
23 05 23 00-0535	EA		8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	807.51	255.23
			For Work In Restricted Working Space, Add	95.11	
23 05 23 00-0536	EA		10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,021.90	310.71
			For Work In Restricted Working Space, Add	116.51	
23 05 23 00-0537	EA		12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,391.37	377.29
			For Work In Restricted Working Space, Add	141.23	
23 05 23 00-0538			<b>Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Butterfly Valves</b> <small>(23 05 23 00-0517)</small>		
23 05 23 00-0539	EA		14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	2,240.24	447.64
			For Work In Restricted Working Space, Add	179.06	
			For 200 PSI, Add	591.62	
23 05 23 00-0540	EA		16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	2,864.41	525.23
			For Work In Restricted Working Space, Add	196.97	
			For 200 PSI, Add	794.83	
23 05 23 00-0541	EA		18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	4,009.82	584.92
			For Work In Restricted Working Space, Add	218.85	
			For 200 PSI, Add	1,180.92	
23 05 23 00-0542	EA		20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	5,159.32	656.55
			For Work In Restricted Working Space, Add	246.20	
			For 200 PSI, Add	1,561.91	
23 05 23 00-0543	EA		24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	6,934.13	805.76
			For Work In Restricted Working Space, Add	303.02	
			For 200 PSI, Add	2,132.66	
23 05 23 00-0544	EA		30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	14,475.42	1,382.03
			For Work In Restricted Working Space, Add	527.68	
			For 200 PSI, Add	4,577.93	
23 05 23 00-0545	EA		36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	18,355.82	1,884.59
			For Work In Restricted Working Space, Add	659.60	
			For 200 PSI, Add	5,816.57	
23 05 29			<b>Hangers And Supports For HVAC Piping And Equipment</b> <small>(23 05)</small>		
23 05 29 00-0001			<b>Hangers And Supports</b> <small>(23 05 29)</small>		
23 05 29 00-0002			<b>Clevis Hangers</b> <small>(23 05 29 00-0001)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100)</b> <small>(23 05 29 00-0002)</small>		
<i>Note: Type 1.</i>		
23 05 29 00-0004 EA 1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	12.62	5.58
<i>For Work In Restricted Working Space, Add</i>	<i>3.35</i>	
23 05 29 00-0005 EA 3/4" Steel Clevis Hanger (Cooper B-Line B3100).....	13.85	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.72</i>	
23 05 29 00-0006 EA 1" Steel Clevis Hanger (Cooper B-Line B3100).....	14.56	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.91</i>	
23 05 29 00-0007 EA 1-1/4" Steel Clevis Hanger (Cooper B-Line B3100).....	15.15	6.71
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0008 EA 1-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	15.34	6.71
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0009 EA 2" Steel Clevis Hanger (Cooper B-Line B3100).....	16.08	6.82
<i>For Work In Restricted Working Space, Add</i>	<i>4.13</i>	
23 05 29 00-0010 EA 2-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	17.91	7.06
<i>For Work In Restricted Working Space, Add</i>	<i>4.25</i>	
23 05 29 00-0011 EA 3" Steel Clevis Hanger (Cooper B-Line B3100).....	19.29	7.43
<i>For Work In Restricted Working Space, Add</i>	<i>4.37</i>	
23 05 29 00-0012 EA 3-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	20.07	8.17
<i>For Work In Restricted Working Space, Add</i>	<i>4.67</i>	
23 05 29 00-0013 EA 4" Steel Clevis Hanger (Cooper B-Line B3100).....	22.19	8.68
<i>For Work In Restricted Working Space, Add</i>	<i>4.96</i>	
23 05 29 00-0014 EA 5" Steel Clevis Hanger (Cooper B-Line B3100).....	28.61	10.38
<i>For Work In Restricted Working Space, Add</i>	<i>6.23</i>	
23 05 29 00-0015 EA 6" Steel Clevis Hanger (Cooper B-Line B3100).....	34.48	12.39
<i>For Work In Restricted Working Space, Add</i>	<i>7.44</i>	
23 05 29 00-0016 EA 8" Steel Clevis Hanger (Cooper B-Line B3100).....	47.03	15.49
<i>For Work In Restricted Working Space, Add</i>	<i>9.29</i>	
23 05 29 00-0017 EA 10" Steel Clevis Hanger (Cooper B-Line B3100).....	69.91	21.06
<i>For Work In Restricted Working Space, Add</i>	<i>12.39</i>	
23 05 29 00-0018 EA 12" Steel Clevis Hanger (Cooper B-Line B3100).....	82.50	23.23
<i>For Work In Restricted Working Space, Add</i>	<i>13.94</i>	
23 05 29 00-0019 EA 14" Steel Clevis Hanger (Cooper B-Line B3100).....	104.03	26.03
<i>For Work In Restricted Working Space, Add</i>	<i>15.98</i>	
23 05 29 00-0020 EA 16" Steel Clevis Hanger (Cooper B-Line B3100).....	130.85	30.98
<i>For Work In Restricted Working Space, Add</i>	<i>18.59</i>	
23 05 29 00-0021 EA 18" Steel Clevis Hanger (Cooper B-Line B3100).....	163.02	38.73
<i>For Work In Restricted Working Space, Add</i>	<i>23.24</i>	
23 05 29 00-0022 EA 20" Steel Clevis Hanger (Cooper B-Line B3100).....	272.74	46.47
<i>For Work In Restricted Working Space, Add</i>	<i>27.88</i>	
23 05 29 00-0023 EA 24" Steel Clevis Hanger (Cooper B-Line B3100).....	426.03	54.21
<i>For Work In Restricted Working Space, Add</i>	<i>32.53</i>	
<b>23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)</b> <small>(23 05 29 00-0002)</small>		
23 05 29 00-0025 EA 1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	16.50	5.58
<i>For Work In Restricted Working Space, Add</i>	<i>3.35</i>	
23 05 29 00-0026 EA 3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	17.73	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.72</i>	
23 05 29 00-0027 EA 1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	18.52	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.91</i>	
23 05 29 00-0028 EA 1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	19.19	6.71
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0029 EA 1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	19.68	6.71
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0030 EA 2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	20.18	6.82
<i>For Work In Restricted Working Space, Add</i>	<i>4.13</i>	
23 05 29 00-0031 EA 2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	22.92	7.06
<i>For Work In Restricted Working Space, Add</i>	<i>4.25</i>	
23 05 29 00-0032 EA 3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	24.13	7.43
<i>For Work In Restricted Working Space, Add</i>	<i>4.37</i>	
23 05 29 00-0033 EA 3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	27.01	8.68
<i>For Work In Restricted Working Space, Add</i>	<i>4.96</i>	
23 05 29 00-0034 EA 4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	30.28	8.68
<i>For Work In Restricted Working Space, Add</i>	<i>4.96</i>	
23 05 29 00-0035 EA 5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	51.42	10.38
<i>For Work In Restricted Working Space, Add</i>	<i>6.23</i>	
23 05 29 00-0036 EA 6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	63.98	12.39
<i>For Work In Restricted Working Space, Add</i>	<i>7.44</i>	
23 05 29 00-0037 EA 8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	75.79	15.49
<i>For Work In Restricted Working Space, Add</i>	<i>9.29</i>	
<b>23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)</b> <small>(23 05 29 00-0002)</small>		
23 05 29 00-0039 EA 1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	12.48	5.58
<i>For Work In Restricted Working Space, Add</i>	<i>3.35</i>	
23 05 29 00-0040 EA 3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	13.74	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.72</i>	
23 05 29 00-0041 EA 1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	14.53	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.91</i>	
23 05 29 00-0042 EA 1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	14.93	6.71
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0043	EA		1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	15.04	6.71
			<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0044	EA		2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	15.48	6.82
			<i>For Work In Restricted Working Space, Add</i>	4.13	
23 05 29 00-0045	EA		2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	17.12	7.06
			<i>For Work In Restricted Working Space, Add</i>	4.25	
23 05 29 00-0046	EA		3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	17.94	7.43
			<i>For Work In Restricted Working Space, Add</i>	4.37	
23 05 29 00-0047	EA		3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	20.18	8.68
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0048	EA		4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	20.95	8.68
			<i>For Work In Restricted Working Space, Add</i>	4.96	
<b>23 05 29 00-0049</b>			<b>Extended Steel Clevis Hanger (Cooper B-Line B3108) (23 05 29 00-0002)</b>		
23 05 29 00-0050	EA		3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	18.58	6.19
			<i>For Work In Restricted Working Space, Add</i>	3.72	
23 05 29 00-0051	EA		1" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	19.29	6.19
			<i>For Work In Restricted Working Space, Add</i>	3.91	
23 05 29 00-0052	EA		1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	19.66	6.71
			<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0053	EA		1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	20.43	6.71
			<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0054	EA		2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	22.08	6.82
			<i>For Work In Restricted Working Space, Add</i>	4.13	
23 05 29 00-0055	EA		2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	23.83	7.06
			<i>For Work In Restricted Working Space, Add</i>	4.25	
23 05 29 00-0056	EA		3" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	25.09	7.43
			<i>For Work In Restricted Working Space, Add</i>	4.37	
23 05 29 00-0057	EA		4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	30.39	8.68
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0058	EA		5" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	38.37	10.38
			<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0059	EA		6" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	47.58	12.39
			<i>For Work In Restricted Working Space, Add</i>	7.44	
23 05 29 00-0060	EA		8" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	68.52	15.49
			<i>For Work In Restricted Working Space, Add</i>	9.29	
23 05 29 00-0061	EA		10" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	96.82	21.06
			<i>For Work In Restricted Working Space, Add</i>	12.39	
23 05 29 00-0062	EA		12" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	108.72	23.23
			<i>For Work In Restricted Working Space, Add</i>	13.94	
<b>23 05 29 00-0063</b>			<b>Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) (23 05 29 00-0002)</b>		
23 05 29 00-0064	EA		2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	22.99	6.82
			<i>For Work In Restricted Working Space, Add</i>	4.13	
23 05 29 00-0065	EA		2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	24.68	7.06
			<i>For Work In Restricted Working Space, Add</i>	4.25	
23 05 29 00-0066	EA		3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	26.06	7.43
			<i>For Work In Restricted Working Space, Add</i>	4.37	
23 05 29 00-0067	EA		3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	28.74	8.68
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0068	EA		4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	30.67	8.68
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0069	EA		5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	38.02	10.38
			<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0070	EA		6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	44.22	12.39
			<i>For Work In Restricted Working Space, Add</i>	7.44	
23 05 29 00-0071	EA		8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	59.22	15.49
			<i>For Work In Restricted Working Space, Add</i>	9.29	
<b>23 05 29 00-0072</b>			<b>Adjustable Hangers (23 05 29 00-0001)</b>		
<b>23 05 29 00-0073</b>			<b>Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) (23 05 29 00-0072)</b>		
			Note: Type 5.		
23 05 29 00-0074	EA		1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	11.66	4.90
			<i>For Work In Restricted Working Space, Add</i>	2.94	
23 05 29 00-0075	EA		3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	12.73	5.43
			<i>For Work In Restricted Working Space, Add</i>	3.26	
23 05 29 00-0076	EA		1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	13.91	6.03
			<i>For Work In Restricted Working Space, Add</i>	3.62	
23 05 29 00-0077	EA		1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	15.34	6.70
			<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0078	EA		1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	16.12	7.04
			<i>For Work In Restricted Working Space, Add</i>	4.22	
23 05 29 00-0079	EA		2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	17.37	7.38
			<i>For Work In Restricted Working Space, Add</i>	4.43	
23 05 29 00-0080	EA		2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	20.43	7.71
			<i>For Work In Restricted Working Space, Add</i>	4.63	
23 05 29 00-0081	EA		3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	21.35	8.04
			<i>For Work In Restricted Working Space, Add</i>	4.83	
23 05 29 00-0082	EA		4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	25.75	9.05
			<i>For Work In Restricted Working Space, Add</i>	5.43	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 29 00-0083 Adjustable Swivel Steel Ring (Cooper B-Line B3170) (23 05 29 00-0072)</b>						
Note: Type 10.						
	23 05 29 00-0084	EA		1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	13.25	6.19
				<i>For Work In Restricted Working Space, Add</i>	3.72	
	23 05 29 00-0085	EA		3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	13.98	6.19
				<i>For Work In Restricted Working Space, Add</i>	3.91	
	23 05 29 00-0086	EA		1" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	14.71	6.82
				<i>For Work In Restricted Working Space, Add</i>	4.13	
	23 05 29 00-0087	EA		1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	15.63	7.43
				<i>For Work In Restricted Working Space, Add</i>	4.37	
	23 05 29 00-0088	EA		1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	17.57	8.68
				<i>For Work In Restricted Working Space, Add</i>	4.96	
	23 05 29 00-0089	EA		2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	18.80	8.68
				<i>For Work In Restricted Working Space, Add</i>	5.31	
	23 05 29 00-0090	EA		2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	20.86	9.29
				<i>For Work In Restricted Working Space, Add</i>	5.72	
	23 05 29 00-0091	EA		3" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	22.52	10.53
				<i>For Work In Restricted Working Space, Add</i>	6.20	
	23 05 29 00-0092	EA		3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	25.13	11.31
				<i>For Work In Restricted Working Space, Add</i>	6.79	
				<i>For 304 Stainless Steel, Add</i>	16.57	
				<i>For 316 Stainless Steel, Add</i>	21.34	
	23 05 29 00-0093	EA		4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	27.30	12.39
				<i>For Work In Restricted Working Space, Add</i>	7.44	
	23 05 29 00-0094	EA		5" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	33.08	13.94
				<i>For Work In Restricted Working Space, Add</i>	8.36	
				<i>For 304 Stainless Steel, Add</i>	34.32	
				<i>For 316 Stainless Steel, Add</i>	44.20	
	23 05 29 00-0095	EA		6" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	36.26	15.49
				<i>For Work In Restricted Working Space, Add</i>	9.29	
				<i>For 304 Stainless Steel, Add</i>	34.85	
				<i>For 316 Stainless Steel, Add</i>	44.88	
	23 05 29 00-0096	EA		8" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	43.44	18.59
				<i>For Work In Restricted Working Space, Add</i>	11.15	
				<i>For 304 Stainless Steel, Add</i>	41.38	
				<i>For 316 Stainless Steel, Add</i>	53.30	
<b>23 05 29 00-0097 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) (23 05 29 00-0072)</b>						
	23 05 29 00-0098	EA		1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	13.66	6.19
				<i>For Work In Restricted Working Space, Add</i>	3.72	
				<i>For 304 Stainless Steel, Add</i>	8.38	
				<i>For 316 Stainless Steel, Add</i>	10.80	
	23 05 29 00-0099	EA		3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	14.31	6.19
				<i>For Work In Restricted Working Space, Add</i>	3.91	
				<i>For 304 Stainless Steel, Add</i>	8.38	
				<i>For 316 Stainless Steel, Add</i>	10.80	
	23 05 29 00-0100	EA		1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	15.04	6.82
				<i>For Work In Restricted Working Space, Add</i>	4.13	
				<i>For 304 Stainless Steel, Add</i>	8.38	
				<i>For 316 Stainless Steel, Add</i>	10.80	
	23 05 29 00-0101	EA		1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	15.85	7.43
				<i>For Work In Restricted Working Space, Add</i>	4.37	
				<i>For 304 Stainless Steel, Add</i>	8.38	
				<i>For 316 Stainless Steel, Add</i>	10.80	
	23 05 29 00-0102	EA		1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	17.90	8.68
				<i>For Work In Restricted Working Space, Add</i>	4.96	
				<i>For 304 Stainless Steel, Add</i>	9.11	
				<i>For 316 Stainless Steel, Add</i>	11.73	
	23 05 29 00-0103	EA		2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	19.08	8.68
				<i>For Work In Restricted Working Space, Add</i>	5.31	
				<i>For 304 Stainless Steel, Add</i>	9.11	
				<i>For 316 Stainless Steel, Add</i>	11.73	
	23 05 29 00-0104	EA		2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	22.69	9.29
				<i>For Work In Restricted Working Space, Add</i>	5.72	
				<i>For 304 Stainless Steel, Add</i>	23.89	
				<i>For 316 Stainless Steel, Add</i>	30.77	
	23 05 29 00-0105	EA		3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	25.14	10.53
				<i>For Work In Restricted Working Space, Add</i>	6.20	
				<i>For 304 Stainless Steel, Add</i>	29.63	
				<i>For 316 Stainless Steel, Add</i>	38.17	
	23 05 29 00-0106	EA		3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	27.46	11.31
				<i>For Work In Restricted Working Space, Add</i>	6.79	
				<i>For 304 Stainless Steel, Add</i>	31.94	
				<i>For 316 Stainless Steel, Add</i>	41.14	
	23 05 29 00-0107	EA		4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	30.68	12.39
				<i>For Work In Restricted Working Space, Add</i>	7.44	
				<i>For 304 Stainless Steel, Add</i>	38.87	
				<i>For 316 Stainless Steel, Add</i>	50.07	
	23 05 29 00-0108	EA		5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	33.86	13.94
				<i>For Work In Restricted Working Space, Add</i>	8.36	
				<i>For 304 Stainless Steel, Add</i>	39.47	
				<i>For 316 Stainless Steel, Add</i>	50.83	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0109 EA 6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	39.63	15.49
For Work In Restricted Working Space, Add	9.29	
For 304 Stainless Steel, Add	57.09	
For 316 Stainless Steel, Add	73.53	
<b>23 05 29 00-0110 Roller Hangers (23 05 29 00-0001)</b>		
<b>23 05 29 00-0111 Single Pipe Roll (Cooper B-Line B3114) (23 05 29 00-0110)</b>		
Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112 EA 2" Single Pipe Roll (Cooper B-Line B3114).....	22.41	5.14
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	3.08	
23 05 29 00-0113 EA 2-1/2" Single Pipe Roll (Cooper B-Line B3114) .....	24.60	5.78
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	3.47	
23 05 29 00-0114 EA 3" Single Pipe Roll (Cooper B-Line B3114).....	27.24	6.74
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	4.04	
23 05 29 00-0115 EA 3-1/2" Single Pipe Roll (Cooper B-Line B3114) .....	31.37	7.70
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	4.62	
23 05 29 00-0116 EA 4" Single Pipe Roll (Cooper B-Line B3114).....	44.23	8.67
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	5.20	
23 05 29 00-0117 EA 5" Single Pipe Roll (Cooper B-Line B3114).....	38.63	9.63
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	5.78	
23 05 29 00-0118 EA 6" Single Pipe Roll (Cooper B-Line B3114).....	48.26	11.55
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	6.93	
23 05 29 00-0119 EA 8" Single Pipe Roll (Cooper B-Line B3114).....	65.99	13.48
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	8.09	
23 05 29 00-0120 EA 10" Single Pipe Roll (Cooper B-Line B3114).....	78.20	16.05
Note: Excludes rod and nuts.		
For Work In Restricted Working Space, Add	9.63	
<b>23 05 29 00-0121 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) (23 05 29 00-0110)</b>		
Note: Type 43.		
23 05 29 00-0122 EA 2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	32.93	9.07
For Work In Restricted Working Space, Add	5.23	
23 05 29 00-0123 EA 2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	34.19	9.34
For Work In Restricted Working Space, Add	5.61	
For 304 Stainless Steel, Add	102.30	
For 316 Stainless Steel, Add	131.75	
23 05 29 00-0124 EA 3" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	37.20	9.76
For Work In Restricted Working Space, Add	5.98	
23 05 29 00-0125 EA 3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	43.92	10.46
For Work In Restricted Working Space, Add	6.27	
For 304 Stainless Steel, Add	151.87	
For 316 Stainless Steel, Add	195.59	
23 05 29 00-0126 EA 4" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	46.25	11.85
For Work In Restricted Working Space, Add	6.97	
23 05 29 00-0127 EA 5" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	52.37	12.76
For Work In Restricted Working Space, Add	7.65	
For 304 Stainless Steel, Add	177.28	
For 316 Stainless Steel, Add	228.31	
23 05 29 00-0128 EA 6" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	61.25	13.95
For Work In Restricted Working Space, Add	8.37	
23 05 29 00-0129 EA 8" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	84.78	17.43
For Work In Restricted Working Space, Add	10.46	
23 05 29 00-0130 EA 10" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	105.96	23.71
For Work In Restricted Working Space, Add	13.94	
23 05 29 00-0131 EA 12" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	139.73	26.15
For Work In Restricted Working Space, Add	15.69	
23 05 29 00-0132 EA 14" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	302.26	29.98
For Work In Restricted Working Space, Add	17.99	
23 05 29 00-0133 EA 16" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	380.74	34.86
For Work In Restricted Working Space, Add	20.92	
<b>23 05 29 00-0134 Roller Chair (Cooper B-Line B3120) (23 05 29 00-0110)</b>		
23 05 29 00-0135 EA 2" Steel Roller Chair (Cooper B-Line B3120).....	31.91	9.07
For Work In Restricted Working Space, Add	5.23	
23 05 29 00-0136 EA 2-1/2" Steel Roller Chair (Cooper B-Line B3120).....	34.41	9.34
For Work In Restricted Working Space, Add	5.61	
23 05 29 00-0137 EA 3" Steel Roller Chair (Cooper B-Line B3120).....	35.99	9.76
For Work In Restricted Working Space, Add	5.98	
23 05 29 00-0138 EA 3-1/2" Steel Roller Chair (Cooper B-Line B3120).....	41.39	10.46
For Work In Restricted Working Space, Add	6.27	
23 05 29 00-0139 EA 4" Steel Roller Chair (Cooper B-Line B3120).....	46.14	11.85
For Work In Restricted Working Space, Add	6.97	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0140 EA 5" Steel Roller Chair (Cooper B-Line B3120).....	50.39	12.76
For Work In Restricted Working Space, Add	7.65	
23 05 29 00-0141 EA 6" Steel Roller Chair (Cooper B-Line B3120).....	62.54	13.95
For Work In Restricted Working Space, Add	8.37	
23 05 29 00-0142 EA 8" Steel Roller Chair (Cooper B-Line B3120).....	81.70	17.43
For Work In Restricted Working Space, Add	10.46	
23 05 29 00-0143 EA 10" Steel Roller Chair (Cooper B-Line B3120).....	105.24	23.71
For Work In Restricted Working Space, Add	13.94	
23 05 29 00-0144 EA 12" Steel Roller Chair (Cooper B-Line B3120).....	137.86	26.15
For Work In Restricted Working Space, Add	15.69	
23 05 29 00-0145 EA 14" Steel Roller Chair (Cooper B-Line B3120).....	149.71	29.98
For Work In Restricted Working Space, Add	17.99	
23 05 29 00-0146 EA 16" Steel Roller Chair (Cooper B-Line B3120).....	181.13	34.86
For Work In Restricted Working Space, Add	20.92	
23 05 29 00-0147 EA 18" Steel Roller Chair (Cooper B-Line B3120).....	245.78	43.57
For Work In Restricted Working Space, Add	26.15	
23 05 29 00-0148 EA 20" Steel Roller Chair (Cooper B-Line B3120).....	304.91	52.29
For Work In Restricted Working Space, Add	31.37	
<b>23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) (23 05 29 00-0110)</b>		
23 05 29 00-0150 EA 2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	36.67	9.07
For Work In Restricted Working Space, Add	5.23	
23 05 29 00-0151 EA 2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	41.45	9.34
For Work In Restricted Working Space, Add	5.61	
23 05 29 00-0152 EA 3" Steel Adjustable Roller Support (Cooper B-Line B3122).....	43.51	9.76
For Work In Restricted Working Space, Add	5.98	
23 05 29 00-0153 EA 3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	45.98	10.46
For Work In Restricted Working Space, Add	6.27	
23 05 29 00-0154 EA 4" Steel Adjustable Roller Support (Cooper B-Line B3122).....	55.77	11.85
For Work In Restricted Working Space, Add	6.97	
23 05 29 00-0155 EA 5" Steel Adjustable Roller Support (Cooper B-Line B3122).....	63.43	12.76
For Work In Restricted Working Space, Add	7.65	
23 05 29 00-0156 EA 6" Steel Adjustable Roller Support (Cooper B-Line B3122).....	74.32	13.95
For Work In Restricted Working Space, Add	8.37	
23 05 29 00-0157 EA 8" Steel Adjustable Roller Support (Cooper B-Line B3122).....	105.95	17.43
For Work In Restricted Working Space, Add	10.46	
23 05 29 00-0158 EA 10" Steel Adjustable Roller Support (Cooper B-Line B3122).....	131.39	23.71
For Work In Restricted Working Space, Add	13.94	
23 05 29 00-0159 EA 12" Steel Adjustable Roller Support (Cooper B-Line B3122).....	152.33	26.15
For Work In Restricted Working Space, Add	15.69	
23 05 29 00-0160 EA 14" Steel Adjustable Roller Support (Cooper B-Line B3122).....	219.01	29.98
For Work In Restricted Working Space, Add	17.99	
23 05 29 00-0161 EA 16" Steel Adjustable Roller Support (Cooper B-Line B3122).....	263.09	34.86
For Work In Restricted Working Space, Add	20.92	
23 05 29 00-0162 EA 18" Steel Adjustable Roller Support (Cooper B-Line B3122).....	296.78	43.57
For Work In Restricted Working Space, Add	26.15	
<b>23 05 29 00-0163 Adjustable Double Roller Support (Cooper B-Line B3122A) (23 05 29 00-0110)</b>		
23 05 29 00-0164 EA 2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	36.95	9.07
For Work In Restricted Working Space, Add	5.23	
23 05 29 00-0165 EA 2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	41.70	9.34
For Work In Restricted Working Space, Add	5.61	
23 05 29 00-0166 EA 3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	43.92	9.76
For Work In Restricted Working Space, Add	5.98	
23 05 29 00-0167 EA 3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	45.62	10.46
For Work In Restricted Working Space, Add	6.27	
23 05 29 00-0168 EA 4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	58.55	11.85
For Work In Restricted Working Space, Add	6.97	
23 05 29 00-0169 EA 5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	66.71	12.76
For Work In Restricted Working Space, Add	7.65	
23 05 29 00-0170 EA 6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	78.23	13.95
For Work In Restricted Working Space, Add	8.37	
23 05 29 00-0171 EA 8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	112.01	17.43
For Work In Restricted Working Space, Add	10.46	
23 05 29 00-0172 EA 10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	138.65	23.71
For Work In Restricted Working Space, Add	13.94	
23 05 29 00-0173 EA 12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	160.84	26.15
For Work In Restricted Working Space, Add	15.69	
23 05 29 00-0174 EA 14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	232.61	29.98
For Work In Restricted Working Space, Add	17.99	
<b>23 05 29 00-0175 Pipe And Riser Clamps (23 05 29 00-0001)</b>		
<b>23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) (23 05 29 00-0175)</b>		
Note: Type 4.		
23 05 29 00-0177 EA 1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	11.65	4.02
For Work In Restricted Working Space, Add	2.41	
23 05 29 00-0178 EA 3/4" Steel Pipe Clamp (Cooper B-Line B3140).....	11.79	4.09
For Work In Restricted Working Space, Add	2.45	
23 05 29 00-0179 EA 1" Steel Pipe Clamp (Cooper B-Line B3140).....	11.94	4.16
For Work In Restricted Working Space, Add	2.49	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0180 EA 1-1/4" Steel Pipe Clamp (Cooper B-Line B3140).....	13.17	4.22
For Work In Restricted Working Space, Add	2.53	
23 05 29 00-0181 EA 1-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	13.31	4.29
For Work In Restricted Working Space, Add	2.57	
23 05 29 00-0182 EA 2" Steel Pipe Clamp (Cooper B-Line B3140).....	14.28	4.36
For Work In Restricted Working Space, Add	2.62	
23 05 29 00-0183 EA 2-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	14.88	4.49
For Work In Restricted Working Space, Add	2.70	
23 05 29 00-0184 EA 3" Steel Pipe Clamp (Cooper B-Line B3140).....	15.83	4.62
For Work In Restricted Working Space, Add	2.78	
23 05 29 00-0185 EA 3-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	18.69	4.69
For Work In Restricted Working Space, Add	2.82	
23 05 29 00-0186 EA 4" Steel Pipe Clamp (Cooper B-Line B3140).....	21.37	6.03
For Work In Restricted Working Space, Add	3.62	
23 05 29 00-0187 EA 5" Steel Pipe Clamp (Cooper B-Line B3140).....	30.95	8.04
For Work In Restricted Working Space, Add	4.83	
23 05 29 00-0188 EA 6" Steel Pipe Clamp (Cooper B-Line B3140).....	42.90	10.05
For Work In Restricted Working Space, Add	6.03	
23 05 29 00-0189 EA 8" Steel Pipe Clamp (Cooper B-Line B3140).....	50.54	11.73
For Work In Restricted Working Space, Add	7.04	
23 05 29 00-0190 EA 10" Steel Pipe Clamp (Cooper B-Line B3140).....	75.64	13.41
For Work In Restricted Working Space, Add	8.05	
23 05 29 00-0191 EA 12" Steel Pipe Clamp (Cooper B-Line B3140).....	105.02	14.75
For Work In Restricted Working Space, Add	8.85	
23 05 29 00-0192 EA 14" Steel Pipe Clamp (Cooper B-Line B3140).....	173.92	16.09
For Work In Restricted Working Space, Add	9.65	
23 05 29 00-0193 EA 16" Steel Pipe Clamp (Cooper B-Line B3140).....	188.52	17.43
For Work In Restricted Working Space, Add	10.46	
23 05 29 00-0194 EA 18" Steel Pipe Clamp (Cooper B-Line B3140).....	311.28	18.78
For Work In Restricted Working Space, Add	11.27	
23 05 29 00-0195 EA 20" Steel Pipe Clamp (Cooper B-Line B3140).....	360.80	20.11
For Work In Restricted Working Space, Add	12.07	
23 05 29 00-0196 EA 24" Steel Pipe Clamp (Cooper B-Line B3140).....	472.38	22.12
For Work In Restricted Working Space, Add	13.28	
<b>23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0175)</b>		
23 05 29 00-0198 EA 3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	25.92	4.34
For Work In Restricted Working Space, Add	2.58	
23 05 29 00-0199 EA 4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	34.81	4.34
For Work In Restricted Working Space, Add	2.58	
23 05 29 00-0200 EA 5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	38.35	4.49
For Work In Restricted Working Space, Add	2.69	
23 05 29 00-0201 EA 6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	62.63	4.65
For Work In Restricted Working Space, Add	2.81	
23 05 29 00-0202 EA 8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	68.23	4.95
For Work In Restricted Working Space, Add	2.97	
23 05 29 00-0203 EA 10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	118.82	4.95
For Work In Restricted Working Space, Add	2.97	
23 05 29 00-0204 EA 12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	193.64	5.58
For Work In Restricted Working Space, Add	3.34	
23 05 29 00-0205 EA 14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	246.16	6.19
For Work In Restricted Working Space, Add	3.72	
23 05 29 00-0206 EA 16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	267.27	7.43
For Work In Restricted Working Space, Add	4.46	
23 05 29 00-0207 EA 18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	839.18	8.68
For Work In Restricted Working Space, Add	5.21	
23 05 29 00-0208 EA 20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	964.98	9.29
For Work In Restricted Working Space, Add	5.58	
23 05 29 00-0209 EA 24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142).....	1,237.13	9.92
For Work In Restricted Working Space, Add	5.95	
<b>23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0175)</b>		
Note: Type 8.		
23 05 29 00-0211 EA 1/2" Steel Riser Clamp (Cooper B-Line B3373).....	11.94	3.72
For Work In Restricted Working Space, Add	2.23	
23 05 29 00-0212 EA 3/4" Steel Riser Clamp (Cooper B-Line B3373).....	12.49	3.78
For Work In Restricted Working Space, Add	2.27	
23 05 29 00-0213 EA 1" Steel Riser Clamp (Cooper B-Line B3373).....	12.67	3.84
For Work In Restricted Working Space, Add	2.31	
23 05 29 00-0214 EA 1-1/4" Steel Riser Clamp (Cooper B-Line B3373).....	13.84	3.90
For Work In Restricted Working Space, Add	2.34	
23 05 29 00-0215 EA 1-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	14.43	3.96
For Work In Restricted Working Space, Add	2.38	
23 05 29 00-0216 EA 2" Steel Riser Clamp (Cooper B-Line B3373).....	14.79	4.03
For Work In Restricted Working Space, Add	2.42	
23 05 29 00-0217 EA 2-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	15.46	4.16
For Work In Restricted Working Space, Add	2.49	
23 05 29 00-0218 EA 3" Steel Riser Clamp (Cooper B-Line B3373).....	16.45	4.28
For Work In Restricted Working Space, Add	2.57	
23 05 29 00-0219 EA 3-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	18.29	4.34
For Work In Restricted Working Space, Add	2.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0220 EA 4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	22.04 3.35	5.58
23 05 29 00-0221 EA 5" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	28.36 4.46	7.43
23 05 29 00-0222 EA 6" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	36.04 5.58	9.29
23 05 29 00-0223 EA 8" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	50.26 6.51	10.84
23 05 29 00-0224 EA 10" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	67.06 7.44	12.39
23 05 29 00-0225 EA 12" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	81.86 8.18	13.63
23 05 29 00-0226 EA 14" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	111.89 8.92	14.87
23 05 29 00-0227 EA 16" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	219.75 9.67	16.11
<b>23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) (23 05 29 00-0175)</b>		
23 05 29 00-0229 EA 1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	22.68 2.23	3.72
23 05 29 00-0230 EA 3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	23.03 2.27	3.78
23 05 29 00-0231 EA 1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	24.04 2.31	3.84
23 05 29 00-0232 EA 1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	25.81 2.34	3.90
23 05 29 00-0233 EA 1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	29.40 2.38	3.96
23 05 29 00-0234 EA 2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	31.33 2.42	4.03
23 05 29 00-0235 EA 2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	34.03 2.49	4.16
23 05 29 00-0236 EA 3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	37.56 2.57	4.28
23 05 29 00-0237 EA 4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	50.99 3.35	5.58
<b>23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) (23 05 29 00-0175)</b>		
Note: Type 42		
23 05 29 00-0239 EA 4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	53.36 2.58	4.34
23 05 29 00-0240 EA 6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	56.58 2.81	4.65
23 05 29 00-0241 EA 8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	62.24 2.97	4.95
23 05 29 00-0242 EA 10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	66.64 2.97	4.95
23 05 29 00-0243 EA 12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	80.84 3.34	5.58
23 05 29 00-0244 EA 14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	257.43 3.72	6.19
23 05 29 00-0245 EA 16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	345.38 4.46	7.43
23 05 29 00-0246 EA 18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	411.65 5.21	8.68
23 05 29 00-0247 EA 20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	131.16 5.58	9.29
23 05 29 00-0248 EA 24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	830.81 5.95	9.92
<b>23 05 29 00-0249 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) (23 05 29 00-0175)</b>		
23 05 29 00-0250 EA 4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	49.07 2.58	4.34
23 05 29 00-0251 EA 6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	52.89 2.81	4.65
23 05 29 00-0252 EA 8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	94.29 2.97	4.95
23 05 29 00-0253 EA 10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	105.17 2.97	4.95
23 05 29 00-0254 EA 12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	151.89 3.34	5.58
23 05 29 00-0255 EA 14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	234.24 3.72	6.19
23 05 29 00-0256 EA 16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	314.72 4.46	7.43
23 05 29 00-0257 EA 18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	374.69 5.21	8.68
23 05 29 00-0258 EA 20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	549.68 5.58	9.29
23 05 29 00-0259 EA 24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	753.96 5.95	9.92

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0260 Split Pipe Clamps And Rings <small>(23 05 29 00-0001)</small>		
23 05 29 00-0261 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) <small>(23 05 29 00-0260)</small>		
Note: Type 6.		
23 05 29 00-0262 EA 3/4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	20.07	5.70
For Work In Restricted Working Space, Add	3.42	
23 05 29 00-0263 EA 1" Adjustable Swivel Ring (Cooper B-Line B3171) .....	21.25	6.03
For Work In Restricted Working Space, Add	3.62	
23 05 29 00-0264 EA 1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	23.04	6.70
For Work In Restricted Working Space, Add	4.02	
23 05 29 00-0265 EA 1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	24.92	7.04
For Work In Restricted Working Space, Add	4.22	
23 05 29 00-0266 EA 2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	27.05	7.38
For Work In Restricted Working Space, Add	4.43	
23 05 29 00-0267 EA 2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	34.16	7.71
For Work In Restricted Working Space, Add	4.63	
23 05 29 00-0268 EA 3" Adjustable Swivel Ring (Cooper B-Line B3171) .....	37.72	8.04
For Work In Restricted Working Space, Add	4.83	
23 05 29 00-0269 EA 4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	51.10	9.05
For Work In Restricted Working Space, Add	5.43	
23 05 29 00-0270 EA 5" Adjustable Swivel Ring (Cooper B-Line B3171) .....	65.05	11.40
For Work In Restricted Working Space, Add	6.84	
23 05 29 00-0271 EA 6" Adjustable Swivel Ring (Cooper B-Line B3171) .....	87.97	13.41
For Work In Restricted Working Space, Add	8.05	
23 05 29 00-0272 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) <small>(23 05 29 00-0260)</small>		
Note: Type 11.		
23 05 29 00-0273 EA 1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	12.43	4.71
For Work In Restricted Working Space, Add	2.89	
23 05 29 00-0274 EA 3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	13.12	4.71
For Work In Restricted Working Space, Add	3.01	
23 05 29 00-0275 EA 1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	14.41	6.06
For Work In Restricted Working Space, Add	3.37	
23 05 29 00-0276 EA 1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	15.77	6.06
For Work In Restricted Working Space, Add	3.54	
23 05 29 00-0277 EA 1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	17.88	6.06
For Work In Restricted Working Space, Add	3.67	
23 05 29 00-0278 EA 2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	21.14	6.73
For Work In Restricted Working Space, Add	4.04	
23 05 29 00-0279 EA 2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	29.35	6.73
For Work In Restricted Working Space, Add	4.21	
23 05 29 00-0280 EA 3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	32.90	7.40
For Work In Restricted Working Space, Add	4.39	
23 05 29 00-0281 EA 4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	34.90	8.08
For Work In Restricted Working Space, Add	4.81	
23 05 29 00-0282 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) <small>(23 05 29 00-0260)</small>		
Note: Type 12.		
23 05 29 00-0283 EA 1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	12.43	4.71
For Work In Restricted Working Space, Add	2.89	
23 05 29 00-0284 EA 3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	13.12	5.05
For Work In Restricted Working Space, Add	3.01	
23 05 29 00-0285 EA 1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	14.41	5.72
For Work In Restricted Working Space, Add	3.37	
23 05 29 00-0286 EA 1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	15.77	6.06
For Work In Restricted Working Space, Add	3.54	
23 05 29 00-0287 EA 1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	17.88	6.06
For Work In Restricted Working Space, Add	3.67	
23 05 29 00-0288 EA 2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	21.14	6.73
For Work In Restricted Working Space, Add	4.04	
23 05 29 00-0289 EA 2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	29.35	7.07
For Work In Restricted Working Space, Add	4.21	
23 05 29 00-0290 EA 3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) .....	32.90	7.40
For Work In Restricted Working Space, Add	4.39	
23 05 29 00-0291 Pipe Straps <small>(23 05 29 00-0001)</small>		
23 05 29 00-0292 Standard Two Hole Pipe Strap, Steel (Cooper B-Line B-3180) <small>(23 05 29 00-0291)</small>		
Note: Type 26.		
23 05 29 00-0293 EA 1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) .....	9.44	3.37
For Work In Restricted Working Space, Add	2.02	
23 05 29 00-0294 EA 3/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) .....	9.96	4.04
For Work In Restricted Working Space, Add	2.13	
23 05 29 00-0295 EA 1" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) .....	10.42	4.04
For Work In Restricted Working Space, Add	2.24	
23 05 29 00-0296 EA 1-1/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) .....	10.96	4.04
For Work In Restricted Working Space, Add	2.37	
23 05 29 00-0297 EA 1-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) .....	11.56	4.71
For Work In Restricted Working Space, Add	2.52	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0298 EA 2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	12.36	4.71
<i>For Work In Restricted Working Space, Add</i>	2.69	
23 05 29 00-0299 EA 2-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	19.07	4.71
<i>For Work In Restricted Working Space, Add</i>	2.89	
23 05 29 00-0300 EA 3" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	21.07	4.71
<i>For Work In Restricted Working Space, Add</i>	3.11	
23 05 29 00-0301 EA 4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	25.01	6.06
<i>For Work In Restricted Working Space, Add</i>	3.64	
23 05 29 00-0302 EA 6" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	31.24	6.73
<i>For Work In Restricted Working Space, Add</i>	4.04	
23 05 29 00-0303 EA 8" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180).....	36.03	7.40
<i>For Work In Restricted Working Space, Add</i>	4.44	
<b>23 05 29 00-0304 2-Hole Copper Straps (23 05 29 00-0291)</b>		
23 05 29 00-0305 EA 1/2" 2-Hole Copper Straps.....	3.55	
<i>For Work In Restricted Working Space, Add</i>	1.01	
23 05 29 00-0306 EA 3/4" 2-Hole Copper Straps.....	3.83	
<i>For Work In Restricted Working Space, Add</i>	1.06	
23 05 29 00-0307 EA 1" 2-Hole Copper Straps.....	1.88	
<i>For Work In Restricted Working Space, Add</i>	0.46	
<b>23 05 29 00-0308 Black Malleable Iron Clamps, 1 Hole (23 05 29 00-0291)</b>		
23 05 29 00-0309 EA 1/2" Galvanized Steel Strap, 1 Hole.....	1.72	
<i>For Work In Restricted Working Space, Add</i>	0.34	
23 05 29 00-0310 EA 3/4" Galvanized Steel Strap, 1 Hole.....	1.90	
<i>For Work In Restricted Working Space, Add</i>	0.36	
23 05 29 00-0311 EA 1" Galvanized Steel Strap, 1 Hole.....	2.36	
<i>For Work In Restricted Working Space, Add</i>	0.39	
23 05 29 00-0312 EA 1-1/4" Galvanized Steel Strap, 1 Hole.....	2.75	
<i>For Work In Restricted Working Space, Add</i>	0.42	
23 05 29 00-0313 EA 1-1/2" Galvanized Steel Strap, 1 Hole.....	3.13	
<i>For Work In Restricted Working Space, Add</i>	0.46	
23 05 29 00-0314 EA 2" Galvanized Steel Strap, 1 Hole.....	4.22	
<i>For Work In Restricted Working Space, Add</i>	0.50	
<b>23 05 29 00-0315 Pipe and Equipment Support Brackets (23 05 29 00-0001)</b>		
<b>23 05 29 00-0316 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) (23 05 29 00-0315)</b>		
Note: Up to 750# load.		
23 05 29 00-0317 EA 9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068).....	89.27	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	14.88	
23 05 29 00-0318 EA 13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068).....	90.63	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	15.15	
23 05 29 00-0319 EA 19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068).....	96.01	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	16.23	
<b>23 05 29 00-0320 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) (23 05 29 00-0315)</b>		
Note: Up to 1500# load.		
23 05 29 00-0321 EA 12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066).....	220.72	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	41.17	
23 05 29 00-0322 EA 18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066).....	259.42	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	48.91	
23 05 29 00-0323 EA 24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066).....	338.33	7.43
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Galvanized, Add</i>	64.69	
<b>23 05 29 00-0324 Sway Bracing For No Hub Pipe (23 05 29 00-0001)</b>		
23 05 29 00-0325 EA 1-1/2" Sway Bracing.....	78.82	8.18
<i>For Work In Restricted Working Space, Add</i>	4.89	
23 05 29 00-0326 EA 2" Sway Bracing.....	81.22	8.62
<i>For Work In Restricted Working Space, Add</i>	5.16	
23 05 29 00-0327 EA 3" Sway Bracing.....	84.13	9.11
<i>For Work In Restricted Working Space, Add</i>	5.47	
23 05 29 00-0328 EA 4" Sway Bracing.....	95.50	10.35
<i>For Work In Restricted Working Space, Add</i>	6.20	
23 05 29 00-0329 EA 6" Sway Bracing.....	140.13	15.49
<i>For Work In Restricted Working Space, Add</i>	9.29	
23 05 29 00-0330 EA 8" Sway Bracing.....	155.29	19.33
<i>For Work In Restricted Working Space, Add</i>	11.62	
23 05 29 00-0331 EA 10" Sway Bracing.....	175.16	25.84
<i>For Work In Restricted Working Space, Add</i>	15.49	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 29 00-0332	Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) (23 05 29 00-0001)		
Note: Heights listed is total for base and adjustable saddle			
23 05 29 00-0333	EA 23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	112.89	6.19
	For Work In Restricted Working Space, Add .....	3.72	
23 05 29 00-0334	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	115.45	6.82
	For Work In Restricted Working Space, Add .....	4.09	
23 05 29 00-0335	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	200.83	7.75
	For Work In Restricted Working Space, Add .....	4.65	
23 05 29 00-0336	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	255.63	8.68
	For Work In Restricted Working Space, Add .....	5.21	
23 05 29 00-0337	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	259.30	9.60
	For Work In Restricted Working Space, Add .....	5.76	
23 05 29 00-0338	EA 25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	281.67	10.84
	For Work In Restricted Working Space, Add .....	6.51	
23 05 29 00-0339	EA 25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	340.30	11.77
	For Work In Restricted Working Space, Add .....	7.07	
23 05 29 00-0340	EA 25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	344.54	12.70
	For Work In Restricted Working Space, Add .....	7.62	
23 05 29 00-0341	EA 26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	350.02	13.94
	For Work In Restricted Working Space, Add .....	8.36	
23 05 29 00-0342	EA 28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	363.09	15.18
	For Work In Restricted Working Space, Add .....	9.11	
23 05 29 00-0343	EA 29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	385.83	16.73
	For Work In Restricted Working Space, Add .....	10.04	
23 05 29 00-0344	EA 30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	397.26	18.59
	For Work In Restricted Working Space, Add .....	11.15	
23 05 29 00-0345	EA 32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	484.22	20.45
	For Work In Restricted Working Space, Add .....	12.27	
23 05 29 00-0346	EA 33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	522.98	22.93
	For Work In Restricted Working Space, Add .....	13.76	
23 05 29 00-0347	EA 35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	744.67	25.40
	For Work In Restricted Working Space, Add .....	15.24	
23 05 29 00-0348	EA 36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	889.67	27.88
	For Work In Restricted Working Space, Add .....	16.73	
23 05 29 00-0349	EA 39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) .....	1,043.79	30.36
	For Work In Restricted Working Space, Add .....	18.22	
23 05 29 00-0350	Rooftop Pipe Supports (23 05 29 00-0001)		
Note: Excludes pipe/conduit clamps and straps.			
23 05 29 00-0351	Rooftop Support Base (23 05 29 00-0350)		
23 05 29 00-0352	EA 4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM) .....	23.71	5.05
23 05 29 00-0353	EA 4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP) .....	34.45	6.73
23 05 29 00-0354	Rooftop Support Base With 14 Gauge Galvanized Channel (23 05 29 00-0350)		
23 05 29 00-0355	EA 5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5) .....	30.96	5.05
23 05 29 00-0356	EA 5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10) .....	45.32	6.73
23 05 29 00-0357	EA 5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20) .....	83.65	8.41
23 05 29 00-0358	EA 5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30) .....	111.80	10.09
23 05 29 00-0359	EA 5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40) .....	131.99	11.78
23 05 29 00-0360	EA 5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48) .....	155.47	13.46
23 05 29 00-0361	Rooftop Support Base With 12 Gauge Galvanized Channel (23 05 29 00-0350)		
23 05 29 00-0362	EA 6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610) .....	53.74	6.73
23 05 29 00-0363	EA 6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620) .....	100.37	8.41
23 05 29 00-0364	EA 6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630) .....	134.71	10.09
23 05 29 00-0365	EA 6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640) .....	209.76	11.78
23 05 29 00-0366	EA 6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648) .....	240.90	10.09



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 29 00-0367</b>	<b>Rooftop Bridge Support Base With 12 Gauge Galvanized Channel</b> <small>(23 05 29 00-0350)</small>			
23 05 29 00-0368	EA 5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28) .....	104.31	10.09	
23 05 29 00-0369	EA 5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36) .....	116.79	11.78	
23 05 29 00-0370	EA 5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42) .....	121.80	13.46	
23 05 29 00-0371	EA 5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50) .....	131.60	15.14	
23 05 29 00-0372	EA 5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60) .....	144.67	16.83	
<b>23 05 29 00-0373</b>	<b>Rooftop Pipe Support Base And Rod</b> <small>(23 05 29 00-0350)</small>			
23 05 29 00-0374	EA 9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT) .....	60.17	6.73	
23 05 29 00-0375	EA 9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT) .....	60.17	6.73	
23 05 29 00-0376	EA 9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT) .....	60.64	6.73	
23 05 29 00-0377	EA 10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT) .....	64.36	8.41	
23 05 29 00-0378	EA 10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT) .....	64.47	8.41	
23 05 29 00-0379	EA 10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT) .....	65.06	8.41	
<b>23 05 29 00-0380</b>	<b>Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly</b> <small>(23 05 29 00-0350)</small>			
23 05 29 00-0381	EA 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2) .....	98.99	6.73	
23 05 29 00-0382	EA 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6) .....	111.61	6.73	
23 05 29 00-0383	EA 8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10) .....	146.79	8.41	
23 05 29 00-0384	EA 9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14) .....	208.40	8.41	
23 05 29 00-0385	EA 9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20) .....	272.83	8.41	
<b>23 05 29 00-0386</b>	<b>Rooftop Support Base And Adjustable Height Roller Assembly</b> <small>(23 05 29 00-0350)</small>			
Note: Includes base, two zinc all threaded rod risers and pipe roller.				
23 05 29 00-0387	EA Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12) .....	95.31	10.09	
<b>23 05 29 00-0388</b>	<b>Rooftop Support Base And Adjustable Height Channel Assembly</b> <small>(23 05 29 00-0350)</small>			
Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.				
23 05 29 00-0389	EA Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8) .....	70.32	8.41	
23 05 29 00-0390	EA Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12) .....	89.35	10.09	
23 05 29 00-0391	EA Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16) .....	101.36	11.78	
<b>23 05 29 00-0392</b>	<b>Rooftop Support Bases With Channel Support And Risers Assembly</b> <small>(23 05 29 00-0350)</small>			
Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).				
23 05 29 00-0393	EA 23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS) .....	305.13	13.46	
23 05 29 00-0394	EA 29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS) .....	308.64	13.46	
23 05 29 00-0395	EA 41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS) .....	321.38	13.46	
23 05 29 00-0396	EA 53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS) .....	350.15	13.46	
23 05 29 00-0397	EA 23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS) .....	307.24	13.46	
23 05 29 00-0398	EA 29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS) .....	310.98	13.46	
23 05 29 00-0399	EA 41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS) .....	323.37	13.46	
23 05 29 00-0400	EA 53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS) .....	352.25	13.46	
23 05 29 00-0401	EA 23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS) .....	313.20	13.46	
23 05 29 00-0402	EA 29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS) .....	317.17	13.46	
23 05 29 00-0403	EA 41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS) .....	329.68	13.46	
23 05 29 00-0404	EA 53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS) .....	358.45	13.46	
23 05 29 00-0405	EA 23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS) .....	327.70	13.46	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0406	EA		29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS).....	331.56	13.46
23 05 29 00-0407	EA		41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS).....	343.71	13.46
23 05 29 00-0408	EA		53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS).....	372.71	13.46
<b>23 05 29 00-0409</b>			<b>Threaded Rod, Accessories And Attachments</b> (23 05 29)		
<b>23 05 29 00-0410</b>			<b>Threaded Rod And Rod Accessories</b> (23 05 29 00-0409)		
<b>23 05 29 00-0411</b>			<b>Threaded Rod</b> (23 05 29 00-0410) Note: Fully threaded.		
23 05 29 00-0412	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	2.13	0.42
			For Galvanized, Add	0.52	
			For Work In Restricted Working Space, Add	0.25	
			For Zinc Plated, Add	0.37	
23 05 29 00-0413	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	2.95	0.45
			For Galvanized, Add	0.82	
			For Work In Restricted Working Space, Add	0.27	
			For Zinc Plated, Add	0.58	
23 05 29 00-0414	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	4.14	0.48
			For Galvanized, Add	1.27	
			For Work In Restricted Working Space, Add	0.29	
			For Zinc Plated, Add	0.91	
23 05 29 00-0415	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	6.77	0.49
			For Galvanized, Add	2.31	
			For Work In Restricted Working Space, Add	0.30	
			For Zinc Plated, Add	1.65	
23 05 29 00-0416	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	7.38	0.51
			For Galvanized, Add	2.54	
			For Work In Restricted Working Space, Add	0.31	
			For Zinc Plated, Add	1.81	
23 05 29 00-0417	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	10.08	0.57
			For Galvanized, Add	3.57	
			For Work In Restricted Working Space, Add	0.35	
			For Zinc Plated, Add	2.54	
23 05 29 00-0418	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	12.54	0.65
			For Galvanized, Add	4.50	
			For Work In Restricted Working Space, Add	0.39	
			For Zinc Plated, Add	3.21	
<b>23 05 29 00-0419</b>			<b>Rod Couplings</b> (23 05 29 00-0410)		
23 05 29 00-0420	EA		3/8" Diameter, Threaded Rod Coupling Nut.....	5.02	
			For Work In Restricted Working Space, Add	1.24	
23 05 29 00-0421	EA		1/2" Diameter, Threaded Rod Coupling Nut.....	5.71	
			For Work In Restricted Working Space, Add	1.38	
23 05 29 00-0422	EA		5/8" Diameter, Threaded Rod Coupling Nut.....	7.33	
			For Work In Restricted Working Space, Add	1.61	
23 05 29 00-0423	EA		3/4" Diameter, Threaded Rod Coupling Nut.....	8.93	
			For Work In Restricted Working Space, Add	1.75	
23 05 29 00-0424	EA		7/8" Diameter, Threaded Rod Coupling Nut.....	13.08	
			For Work In Restricted Working Space, Add	1.93	
23 05 29 00-0425	EA		1" Diameter, Threaded Rod Coupling Nut.....	15.51	
			For Work In Restricted Working Space, Add	2.27	
23 05 29 00-0426	EA		1-1/8" Diameter, Threaded Rod Coupling Nut .....	29.64	
			For Work In Restricted Working Space, Add	2.57	
<b>23 05 29 00-0427</b>			<b>Flat Washers</b> (23 05 29 00-0410) Note: Zinc plated.		
23 05 29 00-0428	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.36	0.13
			For Work In Restricted Working Space, Add	0.08	
			For Galvanized, Add	0.02	
23 05 29 00-0429	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.48	0.13
			For Work In Restricted Working Space, Add	0.09	
			For Galvanized, Add	0.04	
23 05 29 00-0430	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.71	0.21
			For Work In Restricted Working Space, Add	0.11	
			For Galvanized, Add	0.08	
23 05 29 00-0431	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.96	0.21
			For Work In Restricted Working Space, Add	0.15	
			For Galvanized, Add	0.12	
23 05 29 00-0432	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.14	0.28
			For Work In Restricted Working Space, Add	0.17	
			For Galvanized, Add	0.14	
23 05 29 00-0433	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.33	0.28
			For Work In Restricted Working Space, Add	0.20	
			For Galvanized, Add	0.17	
23 05 29 00-0434	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.50	0.35
			For Work In Restricted Working Space, Add	0.22	
			For Galvanized, Add	0.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 29 00-0435 Hex Nuts</b> <small>(23 05 29 00-0410)</small>		
<i>Note: Grade 2 and zinc plated.</i>		
23 05 29 00-0436 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.44	0.17
<i>For Work In Restricted Working Space, Add</i>	<i>0.11</i>	
<i>For Galvanized, Add</i>	<i>0.02</i>	
23 05 29 00-0437 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.57	0.17
<i>For Work In Restricted Working Space, Add</i>	<i>0.13</i>	
<i>For Galvanized, Add</i>	<i>0.04</i>	
23 05 29 00-0438 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.78	0.17
<i>For Work In Restricted Working Space, Add</i>	<i>0.14</i>	
<i>For Galvanized, Add</i>	<i>0.08</i>	
23 05 29 00-0439 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.92	0.35
<i>For Work In Restricted Working Space, Add</i>	<i>0.14</i>	
<i>For Galvanized, Add</i>	<i>0.11</i>	
23 05 29 00-0440 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.33	0.35
<i>For Work In Restricted Working Space, Add</i>	<i>0.15</i>	
<i>For Galvanized, Add</i>	<i>0.21</i>	
23 05 29 00-0441 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.70	0.35
<i>For Work In Restricted Working Space, Add</i>	<i>0.17</i>	
<i>For Galvanized, Add</i>	<i>0.28</i>	
23 05 29 00-0442 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.77	0.35
<i>For Work In Restricted Working Space, Add</i>	<i>0.20</i>	
<i>For Galvanized, Add</i>	<i>0.53</i>	
<b>23 05 29 00-0443 Turnbuckle (Cooper B-Line B3202)</b> <small>(23 05 29 00-0410)</small>		
<i>Note: Type 13.</i>		
23 05 29 00-0444 EA 3/8" Turnbuckle (Cooper B-Line B3202).....	18.84	3.37
<i>For Work In Restricted Working Space, Add</i>	<i>2.02</i>	
23 05 29 00-0445 EA 1/2" Turnbuckle (Cooper B-Line B3202).....	22.54	3.70
<i>For Work In Restricted Working Space, Add</i>	<i>2.24</i>	
23 05 29 00-0446 EA 5/8" Turnbuckle (Cooper B-Line B3202).....	24.45	4.18
<i>For Work In Restricted Working Space, Add</i>	<i>2.61</i>	
23 05 29 00-0447 EA 3/4" Turnbuckle (Cooper B-Line B3202).....	31.04	4.88
<i>For Work In Restricted Working Space, Add</i>	<i>2.99</i>	
23 05 29 00-0448 EA 7/8" Turnbuckle (Cooper B-Line B3202).....	40.52	5.23
<i>For Work In Restricted Working Space, Add</i>	<i>3.49</i>	
23 05 29 00-0449 EA 1" Turnbuckle (Cooper B-Line B3202).....	50.43	5.58
<i>For Work In Restricted Working Space, Add</i>	<i>4.19</i>	
23 05 29 00-0450 EA 1-1/8" Turnbuckle (Cooper B-Line B3202).....	70.45	6.27
<i>For Work In Restricted Working Space, Add</i>	<i>5.23</i>	
<b>23 05 29 00-0451 Swivel Turnbuckle (Cooper B-Line B3224)</b> <small>(23 05 29 00-0410)</small>		
<i>Note: Type 15.</i>		
23 05 29 00-0452 EA 3/8" Swivel Turnbuckle (Cooper B-Line B3224).....	11.19	3.37
<i>For Work In Restricted Working Space, Add</i>	<i>2.02</i>	
23 05 29 00-0453 EA 1/2" Swivel Turnbuckle (Cooper B-Line B3224).....	13.04	3.77
<i>For Work In Restricted Working Space, Add</i>	<i>2.24</i>	
23 05 29 00-0454 EA 5/8" Swivel Turnbuckle (Cooper B-Line B3224).....	18.04	4.33
<i>For Work In Restricted Working Space, Add</i>	<i>2.61</i>	
23 05 29 00-0455 EA 3/4" Swivel Turnbuckle (Cooper B-Line B3224).....	21.96	4.95
<i>For Work In Restricted Working Space, Add</i>	<i>2.99</i>	
<b>23 05 29 00-0456 Forged Steel Clevis (Cooper B-Line B3201)</b> <small>(23 05 29 00-0410)</small>		
<i>Note: Type 14.</i>		
23 05 29 00-0457 EA 3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201).....	65.84	6.19
<i>For Work In Restricted Working Space, Add</i>	<i>3.72</i>	
23 05 29 00-0458 EA 4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201).....	98.72	6.51
<i>For Work In Restricted Working Space, Add</i>	<i>3.91</i>	
23 05 29 00-0459 EA 5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201).....	106.88	6.82
<i>For Work In Restricted Working Space, Add</i>	<i>4.13</i>	
23 05 29 00-0460 EA 5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201).....	111.22	7.43
<i>For Work In Restricted Working Space, Add</i>	<i>4.37</i>	
23 05 29 00-0461 EA 5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201).....	116.70	8.36
<i>For Work In Restricted Working Space, Add</i>	<i>4.96</i>	
23 05 29 00-0462 EA 6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201).....	196.25	10.84
<i>For Work In Restricted Working Space, Add</i>	<i>6.51</i>	
23 05 29 00-0463 EA 5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201).....	212.63	12.39
<i>For Work In Restricted Working Space, Add</i>	<i>7.44</i>	
23 05 29 00-0464 EA 7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201).....	250.12	15.49
<i>For Work In Restricted Working Space, Add</i>	<i>9.29</i>	
<b>23 05 29 00-0465 Welded Eye Rod (Cooper B-Line B3211)</b> <small>(23 05 29 00-0410)</small>		
23 05 29 00-0466 EA 3/8" Diameter x 8" Length Shank, Welded Eye Rod.....	18.55	3.63
<i>For Work In Restricted Working Space, Add</i>	<i>2.19</i>	
23 05 29 00-0467 EA 3/8" Diameter x 10" Length Shank, Welded Eye Rod.....	19.18	3.70
<i>For Work In Restricted Working Space, Add</i>	<i>2.23</i>	
23 05 29 00-0468 EA 3/8" Diameter x 12" Length Shank, Welded Eye Rod.....	19.80	3.77
<i>For Work In Restricted Working Space, Add</i>	<i>2.27</i>	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0469	EA		3/8" Diameter x 14" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	19.94 2.31	3.83
23 05 29 00-0470	EA		3/8" Diameter x 18" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	21.20 2.40	3.97
23 05 29 00-0471	EA		3/8" Diameter x 24" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	22.61 2.52	4.24
23 05 29 00-0472	EA		3/8" Diameter x 30" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	23.50 2.65	4.45
23 05 29 00-0473	EA		3/8" Diameter x 36" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	25.41 2.78	4.65
23 05 29 00-0474	EA		3/8" Diameter x 42" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	26.80 2.90	4.85
23 05 29 00-0475	EA		3/8" Diameter x 48" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	28.20 3.03	5.05
23 05 29 00-0476	EA		1/2" Diameter x 8" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	25.48 2.51	4.18
23 05 29 00-0477	EA		1/2" Diameter x 10" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	26.11 2.55	4.26
23 05 29 00-0478	EA		1/2" Diameter x 12" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	26.77 2.60	4.33
23 05 29 00-0479	EA		1/2" Diameter x 14" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	27.41 2.65	4.40
23 05 29 00-0480	EA		1/2" Diameter x 18" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	28.70 2.74	4.53
23 05 29 00-0481	EA		1/2" Diameter x 24" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	31.11 2.88	4.81
23 05 29 00-0482	EA		1/2" Diameter x 30" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	33.05 3.02	5.02
23 05 29 00-0483	EA		1/2" Diameter x 36" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	35.47 3.16	5.23
23 05 29 00-0484	EA		1/2" Diameter x 42" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	37.39 3.30	5.51
23 05 29 00-0485	EA		1/2" Diameter x 48" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	39.33 3.44	5.72
23 05 29 00-0486	EA		5/8" Diameter x 8" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	34.80 2.81	4.67
23 05 29 00-0487	EA		5/8" Diameter x 10" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	35.92 2.86	4.74
23 05 29 00-0488	EA		5/8" Diameter x 12" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	37.07 2.90	4.81
23 05 29 00-0489	EA		5/8" Diameter x 14" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	37.72 2.95	4.95
23 05 29 00-0490	EA		5/8" Diameter x 18" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	39.50 3.05	5.09
23 05 29 00-0491	EA		5/8" Diameter x 24" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	42.43 3.19	5.29
23 05 29 00-0492	EA		5/8" Diameter x 30" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	45.35 3.34	5.58
23 05 29 00-0493	EA		5/8" Diameter x 36" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	47.79 3.48	5.79
23 05 29 00-0494	EA		5/8" Diameter x 42" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	50.71 3.62	6.07
23 05 29 00-0495	EA		5/8" Diameter x 48" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	53.63 3.77	6.27
23 05 29 00-0496	EA		3/4" Diameter x 8" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	42.90 3.19	5.29
23 05 29 00-0497	EA		3/4" Diameter x 10" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	44.54 3.24	5.36
23 05 29 00-0498	EA		3/4" Diameter x 12" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	45.68 3.29	5.51
23 05 29 00-0499	EA		3/4" Diameter x 14" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	47.31 3.34	5.58
23 05 29 00-0500	EA		3/4" Diameter x 18" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	50.09 3.44	5.72
23 05 29 00-0501	EA		3/4" Diameter x 24" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	54.00 3.59	6.00
23 05 29 00-0502	EA		3/4" Diameter x 30" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	57.91 3.73	6.20
23 05 29 00-0503	EA		3/4" Diameter x 36" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	62.33 3.88	6.48
23 05 29 00-0504	EA		3/4" Diameter x 42" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	66.72 4.03	6.70
23 05 29 00-0505	EA		3/4" Diameter x 48" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	70.64 4.18	6.97
23 05 29 00-0506	EA		7/8" Diameter x 8" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	51.45 3.70	6.13
23 05 29 00-0507	EA		7/8" Diameter x 10" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	53.57 3.75	6.27
23 05 29 00-0508	EA		7/8" Diameter x 12" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	55.22 3.80	6.34
23 05 29 00-0509	EA		7/8" Diameter x 14" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	56.85 3.86	6.41
23 05 29 00-0510	EA		7/8" Diameter x 18" Length Shank, Welded Eye Rod ..... <i>For Work In Restricted Working Space, Add</i>	60.14 3.96	6.63



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0511 EA 7/8" Diameter x 24" Length Shank, Welded Eye Rod.....	65.53	6.84
<i>For Work In Restricted Working Space, Add</i>	4.11	
23 05 29 00-0512 EA 7/8" Diameter x 30" Length Shank, Welded Eye Rod.....	70.45	7.11
<i>For Work In Restricted Working Space, Add</i>	4.27	
23 05 29 00-0513 EA 7/8" Diameter x 36" Length Shank, Welded Eye Rod.....	75.86	7.39
<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0514 EA 7/8" Diameter x 42" Length Shank, Welded Eye Rod.....	80.78	7.60
<i>For Work In Restricted Working Space, Add</i>	4.58	
23 05 29 00-0515 EA 7/8" Diameter x 48" Length Shank, Welded Eye Rod.....	85.69	7.88
<i>For Work In Restricted Working Space, Add</i>	4.73	
23 05 29 00-0516 EA 1" Diameter x 8" Length Shank, Welded Eye Rod.....	64.59	7.39
<i>For Work In Restricted Working Space, Add</i>	4.41	
23 05 29 00-0517 EA 1" Diameter x 10" Length Shank, Welded Eye Rod.....	66.74	7.46
<i>For Work In Restricted Working Space, Add</i>	4.47	
23 05 29 00-0518 EA 1" Diameter x 12" Length Shank, Welded Eye Rod.....	68.90	7.53
<i>For Work In Restricted Working Space, Add</i>	4.53	
23 05 29 00-0519 EA 1" Diameter x 14" Length Shank, Welded Eye Rod.....	71.05	7.67
<i>For Work In Restricted Working Space, Add</i>	4.59	
23 05 29 00-0520 EA 1" Diameter x 18" Length Shank, Welded Eye Rod.....	75.33	7.88
<i>For Work In Restricted Working Space, Add</i>	4.71	
23 05 29 00-0521 EA 1" Diameter x 24" Length Shank, Welded Eye Rod.....	81.79	8.16
<i>For Work In Restricted Working Space, Add</i>	4.88	
23 05 29 00-0522 EA 1" Diameter x 30" Length Shank, Welded Eye Rod.....	88.25	8.44
<i>For Work In Restricted Working Space, Add</i>	5.06	
23 05 29 00-0523 EA 1" Diameter x 36" Length Shank, Welded Eye Rod.....	95.16	8.71
<i>For Work In Restricted Working Space, Add</i>	5.23	
23 05 29 00-0524 EA 1" Diameter x 42" Length Shank, Welded Eye Rod.....	101.61	8.99
<i>For Work In Restricted Working Space, Add</i>	5.40	
23 05 29 00-0525 EA 1" Diameter x 48" Length Shank, Welded Eye Rod.....	108.07	9.28
<i>For Work In Restricted Working Space, Add</i>	5.58	
<b>23 05 29 00-0526 Welded Linked Eye Rod (Cooper B-Line B3211X) (23 05 29 00-0410)</b>		
23 05 29 00-0527 EA 3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	40.16	4.91
<i>For Work In Restricted Working Space, Add</i>	2.96	
23 05 29 00-0528 EA 3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	41.24	5.05
<i>For Work In Restricted Working Space, Add</i>	3.05	
23 05 29 00-0529 EA 3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	42.33	5.25
<i>For Work In Restricted Working Space, Add</i>	3.13	
23 05 29 00-0530 EA 3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	42.76	5.45
<i>For Work In Restricted Working Space, Add</i>	3.26	
23 05 29 00-0531 EA 3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	44.78	5.66
<i>For Work In Restricted Working Space, Add</i>	3.38	
23 05 29 00-0532 EA 3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	47.29	6.06
<i>For Work In Restricted Working Space, Add</i>	3.64	
23 05 29 00-0533 EA 3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	48.93	6.46
<i>For Work In Restricted Working Space, Add</i>	3.89	
23 05 29 00-0534 EA 3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	52.22	6.94
<i>For Work In Restricted Working Space, Add</i>	4.14	
23 05 29 00-0535 EA 1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	52.76	5.65
<i>For Work In Restricted Working Space, Add</i>	3.39	
23 05 29 00-0536 EA 1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	53.88	5.79
<i>For Work In Restricted Working Space, Add</i>	3.48	
23 05 29 00-0537 EA 1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	55.04	5.93
<i>For Work In Restricted Working Space, Add</i>	3.58	
23 05 29 00-0538 EA 1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	56.30	6.20
<i>For Work In Restricted Working Space, Add</i>	3.71	
23 05 29 00-0539 EA 1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	58.39	6.41
<i>For Work In Restricted Working Space, Add</i>	3.86	
23 05 29 00-0540 EA 1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	62.56	6.90
<i>For Work In Restricted Working Space, Add</i>	4.13	
23 05 29 00-0541 EA 1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	65.95	7.32
<i>For Work In Restricted Working Space, Add</i>	4.41	
23 05 29 00-0542 EA 1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	70.14	7.80
<i>For Work In Restricted Working Space, Add</i>	4.69	
23 05 29 00-0543 EA 5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	71.17	6.27
<i>For Work In Restricted Working Space, Add</i>	3.79	
23 05 29 00-0544 EA 5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	73.09	6.48
<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0545 EA 5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	75.05	6.63
<i>For Work In Restricted Working Space, Add</i>	3.98	
23 05 29 00-0546 EA 5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	76.36	6.90
<i>For Work In Restricted Working Space, Add</i>	4.12	
23 05 29 00-0547 EA 5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	79.29	7.11
<i>For Work In Restricted Working Space, Add</i>	4.27	
23 05 29 00-0548 EA 5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	84.33	7.60
<i>For Work In Restricted Working Space, Add</i>	4.55	
23 05 29 00-0549 EA 5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	89.35	8.09
<i>For Work In Restricted Working Space, Add</i>	4.84	
23 05 29 00-0550 EA 5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	93.57	8.57
<i>For Work In Restricted Working Space, Add</i>	5.13	
23 05 29 00-0551 EA 3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	90.33	7.11
<i>For Work In Restricted Working Space, Add</i>	4.28	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0552	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	93.13	7.32
			<i>For Work In Restricted Working Space, Add</i>	4.38	
23 05 29 00-0553	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	95.08	7.46
			<i>For Work In Restricted Working Space, Add</i>	4.48	
23 05 29 00-0554	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	98.02	7.73
			<i>For Work In Restricted Working Space, Add</i>	4.63	
23 05 29 00-0555	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	102.59	7.95
			<i>For Work In Restricted Working Space, Add</i>	4.78	
23 05 29 00-0556	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	109.27	8.44
			<i>For Work In Restricted Working Space, Add</i>	5.08	
23 05 29 00-0557	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	115.96	8.92
			<i>For Work In Restricted Working Space, Add</i>	5.37	
23 05 29 00-0558	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	123.49	9.48
			<i>For Work In Restricted Working Space, Add</i>	5.67	
23 05 29 00-0559	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	108.64	8.23
			<i>For Work In Restricted Working Space, Add</i>	4.95	
23 05 29 00-0560	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	112.26	8.44
			<i>For Work In Restricted Working Space, Add</i>	5.06	
23 05 29 00-0561	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	115.05	8.57
			<i>For Work In Restricted Working Space, Add</i>	5.16	
23 05 29 00-0562	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	118.00	8.85
			<i>For Work In Restricted Working Space, Add</i>	5.32	
23 05 29 00-0563	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	123.42	9.14
			<i>For Work In Restricted Working Space, Add</i>	5.47	
23 05 29 00-0564	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	132.59	9.62
			<i>For Work In Restricted Working Space, Add</i>	5.78	
23 05 29 00-0565	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	140.96	10.17
			<i>For Work In Restricted Working Space, Add</i>	6.09	
23 05 29 00-0566	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	150.13	10.67
			<i>For Work In Restricted Working Space, Add</i>	6.40	
23 05 29 00-0567	EA		1" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	138.68	9.83
			<i>For Work In Restricted Working Space, Add</i>	5.90	
23 05 29 00-0568	EA		1" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	142.34	10.04
			<i>For Work In Restricted Working Space, Add</i>	6.02	
23 05 29 00-0569	EA		1" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	145.98	10.25
			<i>For Work In Restricted Working Space, Add</i>	6.14	
23 05 29 00-0570	EA		1" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	149.84	10.53
			<i>For Work In Restricted Working Space, Add</i>	6.31	
23 05 29 00-0571	EA		1" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	156.90	10.81
			<i>For Work In Restricted Working Space, Add</i>	6.48	
23 05 29 00-0572	EA		1" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	167.86	11.36
			<i>For Work In Restricted Working Space, Add</i>	6.83	
23 05 29 00-0573	EA		1" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	178.82	11.99
			<i>For Work In Restricted Working Space, Add</i>	7.18	
23 05 29 00-0574	EA		1" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	190.53	12.54
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 05 29 00-0575			<b>Attachments</b> <small>(23 05 29 00-0409)</small>		
23 05 29 00-0576			<b>Welded Beam Attachments (B-Line B-3083)</b> <small>(23 05 29 00-0575)</small>		
			Note: Type 22.		
23 05 29 00-0577	EA		3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	31.06	6.27
			<i>For Work In Restricted Working Space, Add</i>	3.76	
23 05 29 00-0578	EA		1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	33.64	6.82
			<i>For Work In Restricted Working Space, Add</i>	4.10	
23 05 29 00-0579	EA		5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	35.85	7.21
			<i>For Work In Restricted Working Space, Add</i>	4.33	
23 05 29 00-0580	EA		3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	46.30	7.67
			<i>For Work In Restricted Working Space, Add</i>	4.58	
23 05 29 00-0581	EA		7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	55.92	8.12
			<i>For Work In Restricted Working Space, Add</i>	4.87	
23 05 29 00-0582	EA		1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	79.15	9.29
			<i>For Work In Restricted Working Space, Add</i>	5.57	
23 05 29 00-0583	EA		1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	113.30	9.74
			<i>For Work In Restricted Working Space, Add</i>	5.84	
23 05 29 00-0584			<b>C-Clamp Style Beam Clamps (B-Line B-3034)</b> <small>(23 05 29 00-0575)</small>		
			Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0585	EA		3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	10.68	3.43
			<i>For Work In Restricted Working Space, Add</i>	2.52	
23 05 29 00-0586	EA		1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	13.22	4.53
			<i>For Work In Restricted Working Space, Add</i>	2.79	
23 05 29 00-0587	EA		5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	15.06	4.88
			<i>For Work In Restricted Working Space, Add</i>	2.99	
23 05 29 00-0588	EA		3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	19.58	5.23
			<i>For Work In Restricted Working Space, Add</i>	3.22	
23 05 29 00-0589	EA		7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	28.81	5.58
			<i>For Work In Restricted Working Space, Add</i>	3.49	
23 05 29 00-0590			<b>Bottom Mount I-Beam Clamps (B-Line B-3055)</b> <small>(23 05 29 00-0575)</small>		
			Note: Type 21. For attaching threaded rod centered under beam flanges.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0591 EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	31.11	4.71
<i>For Work In Restricted Working Space, Add</i>	3.37	
23 05 29 00-0592 EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	46.76	6.27
<i>For Work In Restricted Working Space, Add</i>	3.80	
23 05 29 00-0593 EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	67.23	6.97
<i>For Work In Restricted Working Space, Add</i>	4.19	
23 05 29 00-0594 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	80.59	7.67
<i>For Work In Restricted Working Space, Add</i>	4.65	
23 05 29 00-0595 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	197.17	8.37
<i>For Work In Restricted Working Space, Add</i>	5.23	
<b>23 05 29 00-0596 Steel U-Bolts (B-Line B-3188) (23 05 29 00-0575)</b>		
Note: Type 24. Includes plate and nuts.		
23 05 29 00-0597 EA 1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	8.72	1.68
<i>For Work In Restricted Working Space, Add</i>	2.02	
23 05 29 00-0598 EA 3/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	9.50	2.02
<i>For Work In Restricted Working Space, Add</i>	2.13	
23 05 29 00-0599 EA 1" Pipe Size, Steel U-Bolt (B-Line B-3188).....	10.24	2.02
<i>For Work In Restricted Working Space, Add</i>	2.24	
23 05 29 00-0600 EA 1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	11.72	2.02
<i>For Work In Restricted Working Space, Add</i>	2.37	
23 05 29 00-0601 EA 1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	12.07	2.36
<i>For Work In Restricted Working Space, Add</i>	2.52	
23 05 29 00-0602 EA 2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	12.92	2.36
<i>For Work In Restricted Working Space, Add</i>	2.69	
23 05 29 00-0603 EA 2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	19.09	2.36
<i>For Work In Restricted Working Space, Add</i>	2.89	
23 05 29 00-0604 EA 3" Pipe Size, Steel U-Bolt (B-Line B-3188).....	21.07	2.69
<i>For Work In Restricted Working Space, Add</i>	3.11	
23 05 29 00-0605 EA 4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	25.65	3.02
<i>For Work In Restricted Working Space, Add</i>	3.37	
<b>23 05 29 00-0606 Copper Standoff Brackets With Flange (23 05 29 00-0575)</b>		
Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0607 EA Clamp Size 1/2", Copper Standoff Brackets With Flange.....	21.31	9.97
<i>For Work In Restricted Working Space, Add</i>	5.98	
23 05 29 00-0608 EA Clamp Size 3/4", Copper Standoff Brackets With Flange.....	21.39	9.97
<i>For Work In Restricted Working Space, Add</i>	5.98	
23 05 29 00-0609 EA Clamp Size 1", Copper Standoff Brackets With Flange.....	21.48	9.97
<i>For Work In Restricted Working Space, Add</i>	5.98	
23 05 29 00-0610 EA Clamp Size 1 1/4", Copper Standoff Brackets With Flange.....	22.85	10.60
<i>For Work In Restricted Working Space, Add</i>	6.34	
23 05 29 00-0611 EA Clamp Size 1 1/2", Copper Standoff Brackets With Flange.....	23.02	10.60
<i>For Work In Restricted Working Space, Add</i>	6.34	
<b>23 05 29 00-0612 Malleable Iron Eye Sockets (B-Line B-3222) (23 05 29 00-0575)</b>		
Note: Type 16.		
23 05 29 00-0613 EA 3/8" Rod Size, Malleable Iron Eye Socket.....	7.13	1.05
<i>For Work In Restricted Working Space, Add</i>	0.64	
23 05 29 00-0614 EA 1/2" Rod Size, Malleable Iron Eye Socket.....	9.08	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0615 EA 5/8" Rod Size, Malleable Iron Eye Socket.....	15.72	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0616 EA 3/4" Rod Size, Malleable Iron Eye Socket.....	22.26	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0617 EA 7/8" Rod Size, Malleable Iron Eye Socket.....	24.00	1.74
<i>For Work In Restricted Working Space, Add</i>	1.05	
<b>23 05 29 00-0618 Steel Weldless Eye Nuts (B-Line B-3200) (23 05 29 00-0575)</b>		
Note: Type 17.		
23 05 29 00-0619 EA 3/8" Rod Size, Steel Weldless Eye Nut.....	23.53	1.05
<i>For Work In Restricted Working Space, Add</i>	0.64	
23 05 29 00-0620 EA 1/2" Rod Size, Steel Weldless Eye Nut.....	24.20	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0621 EA 5/8" Rod Size, Steel Weldless Eye Nut.....	24.22	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0622 EA 3/4" Rod Size, Steel Weldless Eye Nut.....	24.20	1.39
<i>For Work In Restricted Working Space, Add</i>	0.84	
23 05 29 00-0623 EA 7/8" Rod Size, Steel Weldless Eye Nut.....	47.33	1.53
<i>For Work In Restricted Working Space, Add</i>	0.94	
23 05 29 00-0624 EA 1" Rod Size, Steel Weldless Eye Nut.....	47.68	1.74
<i>For Work In Restricted Working Space, Add</i>	1.05	
<b>23 05 29 00-0625 Top Mount I-Beam Clamps (B-Line B-3042) (23 05 29 00-0575)</b>		
Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0626 EA 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	15.36	3.13
<i>For Work In Restricted Working Space, Add</i>	1.88	
23 05 29 00-0627 EA 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	18.81	3.57
<i>For Work In Restricted Working Space, Add</i>	2.15	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

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VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0628	EA		5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	22.83 2.36	3.90
23 05 29 00-0629	EA		3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	31.57 2.48	4.22
23 05 29 00-0630	EA		7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	48.66 2.92	4.87
23 05 29 00-0631	EA		3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	16.21 1.88	3.13
23 05 29 00-0632	EA		1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	20.00 2.15	3.57
23 05 29 00-0633	EA		5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	22.83 2.36	3.90
23 05 29 00-0634	EA		3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	34.70 2.48	4.22
23 05 29 00-0635	EA		7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	54.02 2.92	4.87
23 05 29 00-0636	EA		3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	18.17 1.88	3.13
23 05 29 00-0637	EA		1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	22.21 2.15	3.57
23 05 29 00-0638	EA		5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	28.00 2.36	3.90
23 05 29 00-0639	EA		3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	40.57 2.48	4.22
23 05 29 00-0640	EA		7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	65.49 2.92	4.87
<b>23 05 29 00-0641</b>			<b>Side Beam Brackets (B-Line B-3062)</b> <small>(23 05 29 00-0575)</small>		
			Note: Type 34.		
23 05 29 00-0642	EA		3/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	12.07 2.52	4.38
23 05 29 00-0643	EA		1/2" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	14.73 2.79	4.53
23 05 29 00-0644	EA		5/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	19.23 2.99	4.88
23 05 29 00-0645	EA		3/4" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	34.70 3.22	5.23
23 05 29 00-0646	EA		7/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	40.69 3.49	5.93
<b>23 05 29 00-0647</b>			<b>Hex Lag Bolts</b> <small>(23 05 29 00-0575)</small>		
			Note: Also known as coach screws.		
23 05 29 00-0648	EA		3/8" x 3-1/2" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	1.84 0.42	
23 05 29 00-0649	EA		3/8" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	1.86 0.44	
23 05 29 00-0650	EA		3/8" x 6" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.10 0.45	
23 05 29 00-0651	EA		3/8" x 8" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.54 0.47	
23 05 29 00-0652	EA		3/8" x 10" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.70 0.48	
23 05 29 00-0653	EA		3/8" x 12" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.43 0.50	
23 05 29 00-0654	EA		1/2" x 3-1/2" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.52 0.50	
23 05 29 00-0655	EA		1/2" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.55 0.53	
23 05 29 00-0656	EA		1/2" x 6" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	2.97 0.55	
23 05 29 00-0657	EA		1/2" x 8" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.46 0.58	
23 05 29 00-0658	EA		1/2" x 10" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.09 0.60	
23 05 29 00-0659	EA		1/2" x 12" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.38 0.63	
23 05 29 00-0660	EA		5/8" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.50 0.56	
23 05 29 00-0661	EA		3/4" x 5" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.12 0.58	
<b>23 05 29 00-0662</b>			<b>Shields And Saddles</b> <small>(23 05 29)</small>		
<b>23 05 29 00-0663</b>			<b>Insulation Protection Shield</b> <small>(23 05 29 00-0662)</small>		
			Note: Type 40.		
<b>23 05 29 00-0664</b>			<b>Insulation Protection Shield (Cooper B-Line B3151)</b> <small>(23 05 29 00-0663)</small>		
			Note: Type 40.		
23 05 29 00-0665	EA		1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	10.61 1.67	1.67
23 05 29 00-0666	EA		2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	10.77 1.70	1.69



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0667 EA 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	11.05 1.72	1.71
23 05 29 00-0668 EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	11.60 1.74	1.73
23 05 29 00-0669 EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	12.93 1.78	1.77
23 05 29 00-0670 EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	16.00 1.82	1.82
23 05 29 00-0671 EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length ..... <i>For Work In Restricted Working Space, Add</i>	18.76 1.86	1.87
23 05 29 00-0672 EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length ..... <i>For Work In Restricted Working Space, Add</i>	23.17 1.90	1.91
23 05 29 00-0673 EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	30.08 1.92	1.93
23 05 29 00-0674 EA 14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	32.86 1.94	1.95
23 05 29 00-0675 EA 16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	45.68 1.97	1.97
23 05 29 00-0676 EA 18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	51.47 1.99	1.99
23 05 29 00-0677 EA 20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	96.55 2.01	2.01
23 05 29 00-0678 EA 24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	105.03 2.05	2.05
23 05 29 00-0679 EA 30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length ..... <i>For Work In Restricted Working Space, Add</i>	127.18 2.09	2.09
<b>23 05 29 00-0680 Insulation Protection Shield (Cooper B-Line B3154)</b> <small>(23 05 29 00-0663)</small>		
<i>Note: Type 40.</i>		
23 05 29 00-0681 EA 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	9.23 1.67	1.67
23 05 29 00-0682 EA 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	9.36 1.70	1.69
23 05 29 00-0683 EA 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	9.58 1.72	1.71
23 05 29 00-0684 EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	10.00 1.74	1.73
23 05 29 00-0685 EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	11.00 1.78	1.77
23 05 29 00-0686 EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length ..... <i>For Work In Restricted Working Space, Add</i>	13.27 1.82	1.82
23 05 29 00-0687 EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	14.31 1.86	1.87
23 05 29 00-0688 EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	18.54 1.90	1.91
23 05 29 00-0689 EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length ..... <i>For Work In Restricted Working Space, Add</i>	22.48 1.92	1.93
<b>23 05 29 00-0690 Pipe Covering Protection Saddle</b> <small>(23 05 29 00-0662)</small>		
<i>Note: Type 39, sizes are pipe sizes.</i>		
<b>23 05 29 00-0691 Saddle, For 1" Insulation (Cooper B-Line B3160)</b> <small>(23 05 29 00-0690)</small>		
<i>Note: Type 39.</i>		
23 05 29 00-0692 EA 3/4" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	16.46 2.30	2.30
23 05 29 00-0693 EA 1" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	16.52 2.32	2.32
23 05 29 00-0694 EA 1-1/4" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	16.58 2.34	2.34
23 05 29 00-0695 EA 1-1/2" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	17.45 2.38	2.38
23 05 29 00-0696 EA 2" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	17.51 2.39	2.40
23 05 29 00-0697 EA 2-1/2" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	18.13 2.44	2.44
23 05 29 00-0698 EA 3" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	20.33 2.48	2.47
23 05 29 00-0699 EA 4" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	23.02 2.51	2.51
23 05 29 00-0700 EA 6" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	26.06 2.59	2.59
23 05 29 00-0701 EA 8" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	32.07 2.69	2.69
23 05 29 00-0702 EA 10" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	36.05 2.73	2.73
23 05 29 00-0703 EA 12" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	43.07 2.79	2.73
23 05 29 00-0704 EA 14" Pipe Saddle, Type 39 (For 1" Insulation) ..... <i>For Work In Restricted Working Space, Add</i>	47.17 2.82	2.83
<b>23 05 29 00-0705 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)</b> <small>(23 05 29 00-0690)</small>		
<i>Note: Type 39.</i>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0706	EA		3/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.80 2.30	2.30
23 05 29 00-0707	EA		1" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.86 2.32	2.32
23 05 29 00-0708	EA		1-1/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.92 2.34	2.34
23 05 29 00-0709	EA		1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	19.63 2.38	2.38
23 05 29 00-0710	EA		2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	21.32 2.39	2.40
23 05 29 00-0711	EA		2-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	23.08 2.44	2.44
23 05 29 00-0712	EA		3" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	23.47 2.48	2.47
23 05 29 00-0713	EA		4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	26.89 2.51	2.47
23 05 29 00-0714	EA		6" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	30.43 2.59	2.59
23 05 29 00-0715	EA		8" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	36.35 2.69	2.69
23 05 29 00-0716	EA		10" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	41.12 2.73	2.73
23 05 29 00-0717	EA		12" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	49.32 2.79	2.79
23 05 29 00-0718	EA		14" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	54.19 2.82	2.83
<b>23 05 29 00-0719</b>			<b>Saddle, For 2" Insulation (Cooper B-Line B3162)</b> (23 05 29 00-0690) Note: Type 39.		
23 05 29 00-0720	EA		3/4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	20.15 2.42	2.42
23 05 29 00-0721	EA		1" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	20.21 2.44	2.44
23 05 29 00-0722	EA		1-1/4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	21.37 2.46	2.45
23 05 29 00-0723	EA		1-1/2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	22.04 2.49	2.49
23 05 29 00-0724	EA		2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	22.66 2.51	2.51
23 05 29 00-0725	EA		2-1/2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	22.79 2.55	2.56
23 05 29 00-0726	EA		3" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.18 2.59	2.59
23 05 29 00-0727	EA		4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	25.56 2.63	2.63
23 05 29 00-0728	EA		6" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	33.13 2.73	2.73
23 05 29 00-0729	EA		8" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	37.77 2.82	2.83
23 05 29 00-0730	EA		10" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	39.76 2.87	2.87
23 05 29 00-0731	EA		12" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	54.45 2.92	2.92
23 05 29 00-0732	EA		14" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	60.54 2.96	2.97
23 05 29 00-0733	EA		16" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	66.76 3.04	3.04
23 05 29 00-0734	EA		18" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	72.97 3.12	3.11
23 05 29 00-0735	EA		20" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	80.22 3.20	3.20
23 05 29 00-0736	EA		24" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	92.20 3.27	3.28
<b>23 05 29 00-0737</b>			<b>Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)</b> (23 05 29 00-0690) Note: Type 39.		
23 05 29 00-0738	EA		1-1/4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	22.74 2.51	2.51
23 05 29 00-0739	EA		1-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.09 2.55	2.55
23 05 29 00-0740	EA		2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.78 2.57	2.58
23 05 29 00-0741	EA		2-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	25.51 2.61	2.61
23 05 29 00-0742	EA		3" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	25.71 2.67	2.66
23 05 29 00-0743	EA		4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	30.25 2.71	2.71
23 05 29 00-0744	EA		6" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	34.91 2.79	2.79
23 05 29 00-0745	EA		8" Pipe Saddle, Type 39 (For 2-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	40.99 2.88	2.89



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0746 EA 10" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	44.07	2.94
For Work In Restricted Working Space, Add	2.94	
23 05 29 00-0747 EA 12" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	55.87	2.99
For Work In Restricted Working Space, Add	3.00	
23 05 29 00-0748 EA 14" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	66.81	3.04
For Work In Restricted Working Space, Add	3.04	
23 05 29 00-0749 EA 16" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	77.88	3.11
For Work In Restricted Working Space, Add	3.12	
23 05 29 00-0750 EA 18" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	82.84	3.19
For Work In Restricted Working Space, Add	3.20	
23 05 29 00-0751 EA 20" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	88.37	3.28
For Work In Restricted Working Space, Add	3.27	
23 05 29 00-0752 EA 24" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	93.90	3.35
For Work In Restricted Working Space, Add	3.35	
<b>23 05 29 00-0753 Saddle, For 3" Insulation (Cooper B-Line B3164) (23 05 29 00-0690)</b>		
Note: Type 39.		
23 05 29 00-0754 EA 2" Pipe Saddle, Type 39 (For 3" Insulation).....	25.65	2.63
For Work In Restricted Working Space, Add	2.63	
23 05 29 00-0755 EA 2-1/2" Pipe Saddle, Type 39 (For 3" Insulation).....	28.17	2.69
For Work In Restricted Working Space, Add	2.69	
23 05 29 00-0756 EA 3" Pipe Saddle, Type 39 (For 3" Insulation).....	29.47	2.73
For Work In Restricted Working Space, Add	2.73	
23 05 29 00-0757 EA 4" Pipe Saddle, Type 39 (For 3" Insulation).....	30.75	2.77
For Work In Restricted Working Space, Add	2.77	
23 05 29 00-0758 EA 6" Pipe Saddle, Type 39 (For 3" Insulation).....	35.67	2.85
For Work In Restricted Working Space, Add	2.85	
23 05 29 00-0759 EA 8" Pipe Saddle, Type 39 (For 3" Insulation).....	45.35	2.95
For Work In Restricted Working Space, Add	2.96	
23 05 29 00-0760 EA 10" Pipe Saddle, Type 39 (For 3" Insulation).....	49.37	3.00
For Work In Restricted Working Space, Add	3.00	
23 05 29 00-0761 EA 12" Pipe Saddle, Type 39 (For 3" Insulation).....	65.12	3.06
For Work In Restricted Working Space, Add	3.06	
23 05 29 00-0762 EA 14" Pipe Saddle, Type 39 (For 3" Insulation).....	78.31	3.11
For Work In Restricted Working Space, Add	3.12	
23 05 29 00-0763 EA 16" Pipe Saddle, Type 39 (For 3" Insulation).....	91.51	3.19
For Work In Restricted Working Space, Add	3.18	
23 05 29 00-0764 EA 18" Pipe Saddle, Type 39 (For 3" Insulation).....	93.22	3.27
For Work In Restricted Working Space, Add	3.27	
23 05 29 00-0765 EA 20" Pipe Saddle, Type 39 (For 3" Insulation).....	94.88	3.35
For Work In Restricted Working Space, Add	3.35	
23 05 29 00-0766 EA 24" Pipe Saddle, Type 39 (For 3" Insulation).....	121.32	3.43
For Work In Restricted Working Space, Add	3.43	
<b>23 05 29 00-0767 Saddle, For 4" Insulation (Cooper B-Line B3165) (23 05 29 00-0690)</b>		
Note: Type 39.		
23 05 29 00-0768 EA 2" Pipe Saddle, Type 39 (For 4" Insulation).....	29.22	2.70
For Work In Restricted Working Space, Add	2.69	
23 05 29 00-0769 EA 2-1/2" Pipe Saddle, Type 39 (For 4" Insulation).....	32.21	2.74
For Work In Restricted Working Space, Add	2.75	
23 05 29 00-0770 EA 3" Pipe Saddle, Type 39 (For 4" Insulation).....	33.73	2.79
For Work In Restricted Working Space, Add	2.79	
23 05 29 00-0771 EA 4" Pipe Saddle, Type 39 (For 4" Insulation).....	35.32	2.83
For Work In Restricted Working Space, Add	2.82	
23 05 29 00-0772 EA 6" Pipe Saddle, Type 39 (For 4" Insulation).....	43.68	2.92
For Work In Restricted Working Space, Add	2.92	
23 05 29 00-0773 EA 8" Pipe Saddle, Type 39 (For 4" Insulation).....	52.03	3.02
For Work In Restricted Working Space, Add	3.02	
23 05 29 00-0774 EA 10" Pipe Saddle, Type 39 (For 4" Insulation).....	53.83	3.07
For Work In Restricted Working Space, Add	3.08	
23 05 29 00-0775 EA 12" Pipe Saddle, Type 39 (For 4" Insulation).....	69.70	3.13
For Work In Restricted Working Space, Add	3.14	
23 05 29 00-0776 EA 14" Pipe Saddle, Type 39 (For 4" Insulation).....	85.31	3.18
For Work In Restricted Working Space, Add	3.18	
23 05 29 00-0777 EA 16" Pipe Saddle, Type 39 (For 4" Insulation).....	101.03	3.26
For Work In Restricted Working Space, Add	3.25	
23 05 29 00-0778 EA 18" Pipe Saddle, Type 39 (For 4" Insulation).....	124.28	3.34
For Work In Restricted Working Space, Add	3.33	
23 05 29 00-0779 EA 20" Pipe Saddle, Type 39 (For 4" Insulation).....	147.40	3.42
For Work In Restricted Working Space, Add	3.43	
23 05 29 00-0780 EA 24" Pipe Saddle, Type 39 (For 4" Insulation).....	157.85	3.51
For Work In Restricted Working Space, Add	3.51	
23 05 29 00-0781 EA 30" Pipe Saddle, Type 39 (For 4" Insulation).....	166.23	3.59
For Work In Restricted Working Space, Add	3.61	
23 05 29 00-0782 EA 36" Pipe Saddle, Type 39 (For 4" Insulation).....	172.40	3.69
For Work In Restricted Working Space, Add	3.68	
<b>23 05 29 00-0783 Adjustable Pipe Saddle Support (Cooper B-Line B3096) (23 05 29 00-0662)</b>		
Note: Type 38.		
23 05 29 00-0784 EA 2" Adjustable Pipe Saddle Support, Type 38.....	66.80	8.71
23 05 29 00-0785 EA 3" Adjustable Pipe Saddle Support, Type 38.....	70.45	10.10

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0786	EA		4" Adjustable Pipe Saddle Support, Type 38 .....	85.85	11.51
23 05 29 00-0787	EA		5" Adjustable Pipe Saddle Support, Type 38 .....	89.31	12.54
23 05 29 00-0788	EA		6" Adjustable Pipe Saddle Support, Type 38 .....	99.09	13.95
23 05 29 00-0789	EA		8" Adjustable Pipe Saddle Support, Type 38 .....	111.90	17.43
23 05 29 00-0790	EA		10" Adjustable Pipe Saddle Support, Type 38 .....	146.11	23.35
23 05 29 00-0791	EA		12" Adjustable Pipe Saddle Support, Type 38 .....	177.60	34.86
<b>23 05 29 00-0792</b>			<b>Pipe Stanchion Support (Cooper B-Line B3090) (23 05 29 00-0662)</b>		
			Note: Type 37.		
23 05 29 00-0793	EA		2-1/2" Pipe Support With U-Bolt, Type 37 .....	83.68	8.71
23 05 29 00-0794	EA		3" Pipe Support With U-Bolt, Type 37 .....	86.17	10.10
23 05 29 00-0795	EA		3-1/2" Pipe Support With U-Bolt, Type 37 .....	92.26	10.81
23 05 29 00-0796	EA		4" Pipe Support With U-Bolt, Type 37 .....	93.89	11.51
23 05 29 00-0797	EA		5" Pipe Support With U-Bolt, Type 37 .....	98.56	12.54
23 05 29 00-0798	EA		6" Pipe Support With U-Bolt, Type 37 .....	104.18	13.95
23 05 29 00-0799	EA		8" Pipe Support With U-Bolt, Type 37 .....	132.43	17.43
23 05 29 00-0800	EA		10" Pipe Support With U-Bolt, Type 37 .....	178.78	23.35
23 05 29 00-0801	EA		12" Pipe Support With U-Bolt, Type 37 .....	231.69	34.86
<b>23 05 29 00-0802</b>			<b>Pipe Saddle Support (Cooper B-Line B3095) (23 05 29 00-0662)</b>		
			Note: Type 36.		
23 05 29 00-0803	EA		2-1/2" Pipe Saddle Support, Type 36 .....	40.91	8.71
23 05 29 00-0804	EA		3" Pipe Saddle Support, Type 36 .....	43.40	10.10
23 05 29 00-0805	EA		3-1/2" Pipe Saddle Support, Type 36 .....	67.46	10.81
23 05 29 00-0806	EA		4" Pipe Saddle Support, Type 36 .....	69.09	11.51
23 05 29 00-0807	EA		5" Pipe Saddle Support, Type 36 .....	76.07	12.54
23 05 29 00-0808	EA		6" Pipe Saddle Support, Type 36 .....	84.31	13.95
23 05 29 00-0809	EA		8" Pipe Saddle Support, Type 36 .....	96.01	17.43
23 05 29 00-0810	EA		10" Pipe Saddle Support, Type 36 .....	110.61	23.35
23 05 29 00-0811	EA		12" Pipe Saddle Support, Type 36 .....	137.07	34.86
<b>23 05 29 00-0812</b>			<b>360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0662)</b>		
			Note: Insert is for use as isolated protective insulation at hangers.		
<b>23 05 29 00-0813</b>			<b>1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0812)</b>		
23 05 29 00-0814	EA		1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.14	3.98
23 05 29 00-0815	EA		3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.32	3.98
23 05 29 00-0816	EA		1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.37	3.98
23 05 29 00-0817	EA		1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.56	3.98
23 05 29 00-0818	EA		1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	10.23	4.22
23 05 29 00-0819	EA		2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	10.69	4.35
23 05 29 00-0820	EA		2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.23	4.53
23 05 29 00-0821	EA		3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.84	4.71
23 05 29 00-0822	EA		4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	12.92	4.89
23 05 29 00-0823	EA		6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	14.00	4.22
23 05 29 00-0824	EA		8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	21.81	5.51
23 05 29 00-0825	EA		10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	25.78	6.49
23 05 29 00-0826	EA		12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	29.36	7.53
23 05 29 00-0827	EA		14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	33.22	7.77
<b>23 05 29 00-0828</b>			<b>1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0812)</b>		
23 05 29 00-0829	EA		1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	7.95	3.00
23 05 29 00-0830	EA		3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	8.88	3.00
23 05 29 00-0831	EA		1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.08	3.06
23 05 29 00-0832	EA		1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.41	3.12
23 05 29 00-0833	EA		1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	9.72	3.12
23 05 29 00-0834	EA		2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	10.25	3.24
23 05 29 00-0835	EA		2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	10.84	3.37
23 05 29 00-0836	EA		3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.15	3.43
23 05 29 00-0837	EA		4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	12.30	3.73
23 05 29 00-0838	EA		6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	18.08	6.43
23 05 29 00-0839	EA		8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	16.65	4.83
23 05 29 00-0840	EA		10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	20.19	5.69
23 05 29 00-0841	EA		12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	22.90	6.55
23 05 29 00-0842	EA		14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	27.01	7.89
<b>23 05 29 00-0843</b>			<b>2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0812)</b>		
23 05 29 00-0844	EA		1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.25	3.43
23 05 29 00-0845	EA		3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.40	3.43
23 05 29 00-0846	EA		1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	11.81	3.49
23 05 29 00-0847	EA		1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	12.17	3.55
23 05 29 00-0848	EA		1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	12.54	3.61



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 05 29 00-0849 EA 2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.03	3.73	
	23 05 29 00-0850 EA 2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.74	3.85	
	23 05 29 00-0851 EA 3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.41	3.98	
	23 05 29 00-0852 EA 4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.92	4.22	
	23 05 29 00-0853 EA 6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.21	4.77	
	23 05 29 00-0854 EA 8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.10	8.14	
	23 05 29 00-0855 EA 10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.61	9.42	
	23 05 29 00-0856 EA 12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.24	11.14	
	23 05 29 00-0857 EA 14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.52	12.48	
	23 05 29 00-0858 EA 16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.10	14.08	
	23 05 29 00-0859 EA 18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.43	16.52	
	23 05 29 00-0860 EA 20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	56.00	18.35	
	23 05 29 00-0861 EA 24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.25	20.81	
<b>23 05 29 00-0862</b>	<b>2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate</b> <small>(23 05 29 00-0812)</small>			
	23 05 29 00-0863 EA 1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	12.88	3.98	
	23 05 29 00-0864 EA 3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.05	3.98	
	23 05 29 00-0865 EA 1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.55	4.04	
	23 05 29 00-0866 EA 1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.92	4.10	
	23 05 29 00-0867 EA 1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.30	4.10	
	23 05 29 00-0868 EA 2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.90	4.28	
	23 05 29 00-0869 EA 2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.71	4.41	
	23 05 29 00-0870 EA 3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.46	4.59	
	23 05 29 00-0871 EA 4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.15	4.83	
	23 05 29 00-0872 EA 6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.81	5.51	
	23 05 29 00-0873 EA 8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.53	6.11	
	23 05 29 00-0874 EA 10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.83	7.03	
	23 05 29 00-0875 EA 12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.46	8.75	
	23 05 29 00-0876 EA 14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.29	9.61	
	23 05 29 00-0877 EA 16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.97	12.24	
	23 05 29 00-0878 EA 18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	53.68	12.85	
	23 05 29 00-0879 EA 20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	60.94	14.68	
	23 05 29 00-0880 EA 24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.78	17.75	
<b>23 05 29 00-0881</b>	<b>3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate</b> <small>(23 05 29 00-0812)</small>			
	23 05 29 00-0882 EA 1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.98	4.10	
	23 05 29 00-0883 EA 3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.70	4.28	
	23 05 29 00-0884 EA 1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.87	4.28	
	23 05 29 00-0885 EA 1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.62	4.41	
	23 05 29 00-0886 EA 1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.50	4.53	
	23 05 29 00-0887 EA 2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.49	4.59	
	23 05 29 00-0888 EA 2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.25	4.71	
	23 05 29 00-0889 EA 3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.79	5.01	
	23 05 29 00-0890 EA 4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	40.55	5.20	
	23 05 29 00-0891 EA 6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	46.39	6.37	
	23 05 29 00-0892 EA 8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.94	6.97	
	23 05 29 00-0893 EA 10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.29	7.35	
	23 05 29 00-0894 EA 12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	81.85	9.48	
	23 05 29 00-0895 EA 14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	92.15	10.10	
	23 05 29 00-0896 EA 16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	110.40	13.46	
	23 05 29 00-0897 EA 18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	118.84	14.68	
	23 05 29 00-0898 EA 20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	134.58	15.91	
	23 05 29 00-0899 EA 24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	158.13	19.58	
<b>23 05 29 00-0900</b>	<b>3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate</b> <small>(23 05 29 00-0812)</small>			
	23 05 29 00-0901 EA 1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	12.88	3.98	
	23 05 29 00-0902 EA 3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.56	4.83	
	23 05 29 00-0903 EA 1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.28	4.83	
	23 05 29 00-0904 EA 1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.70	4.89	
	23 05 29 00-0905 EA 1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.21	4.95	
	23 05 29 00-0906 EA 2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.84	5.14	
	23 05 29 00-0907 EA 2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.83	5.33	
	23 05 29 00-0908 EA 3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.68	5.51	
	23 05 29 00-0909 EA 4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.80	5.81	
	23 05 29 00-0910 EA 6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.95	6.61	
	23 05 29 00-0911 EA 8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.01	7.35	
	23 05 29 00-0912 EA 10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.38	8.45	
	23 05 29 00-0913 EA 12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.95	10.52	
	23 05 29 00-0914 EA 14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.76	11.50	
	23 05 29 00-0915 EA 16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.98	14.68	
	23 05 29 00-0916 EA 18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	64.41	15.42	
	23 05 29 00-0917 EA 20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	73.17	17.62	
	23 05 29 00-0918 EA 24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	86.13	21.29	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0919			<b>4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate</b> <small>(23 05 29 00-0812)</small>		
23 05 29 00-0920	EA		1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.37	5.39
23 05 29 00-0921	EA		3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.61	5.39
23 05 29 00-0922	EA		1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.29	5.45
23 05 29 00-0923	EA		1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.83	5.51
23 05 29 00-0924	EA		1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.25	5.51
23 05 29 00-0925	EA		2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.30	5.87
23 05 29 00-0926	EA		2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.17	5.93
23 05 29 00-0927	EA		3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.22	6.18
23 05 29 00-0928	EA		4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.51	6.55
23 05 29 00-0929	EA		6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.06	7.41
23 05 29 00-0930	EA		8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.67	8.01
23 05 29 00-0931	EA		10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.32	9.55
23 05 29 00-0932	EA		12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.58	11.87
23 05 29 00-0933	EA		14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	57.12	12.92
23 05 29 00-0934	EA		16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	67.50	16.52
23 05 29 00-0935	EA		18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	72.43	17.32
23 05 29 00-0936	EA		20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	81.32	19.83
23 05 29 00-0937	EA		24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	96.92	23.99
23 05 29 00-0938	EA		26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	110.36	28.21
23 05 29 00-0939	EA		28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	125.35	33.29
23 05 29 00-0940	EA		30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	141.49	39.34
23 05 29 00-0941	EA		42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	201.51	60.76
23 05 29 00-0942	EA		44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	216.76	66.88
23 05 29 00-0943	EA		46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	230.76	72.21
23 05 29 00-0944			<b>Equipment Housekeeping Pads</b> <small>(23 05 29)</small> See CSI section 03 31 13 00-0105 for Concrete Equipment Pads.		
23 05 29 00-0945			<b>Molded Plastic Condenser Pad</b> <small>(23 05 29 00-0944)</small>		
23 05 29 00-0946	EA		30" Round Molded Plastic Pad.....	47.40	8.41
23 05 29 00-0947	EA		30" Octagon Molded Plastic Pad.....	49.41	8.41
23 05 29 00-0948	EA		30" x 30" Molded Plastic Pad.....	47.40	8.41
23 05 29 00-0949	EA		36" x 36" Molded Plastic Pad.....	59.45	8.41
23 05 29 00-0950	EA		36" x 48" Molded Plastic Pad.....	82.00	8.41
23 05 29 00-0951			<b>Inertia Base</b> <small>(23 05 29 00-0944)</small> Note: Includes spring isolators.		
23 05 29 00-0952	EA		Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	732.01	
23 05 29 00-0953	EA		>12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	882.84	
23 05 29 00-0954	EA		>16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	1,011.10	
23 05 29 00-0955	EA		>20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	1,154.42	
23 05 29 00-0956			<b>Hanger Assemblies</b> <small>(23 05 29)</small> Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-0957	EA		1/2" Standard Duty Clevis Pipe Hanger Assembly.....	30.33	10.46
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	6.74	
23 05 29 00-0958	EA		3/4" Standard Duty Clevis Pipe Hanger Assembly.....	31.57	11.09
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.11	
23 05 29 00-0959	EA		1" Standard Duty Clevis Pipe Hanger Assembly.....	32.58	11.73
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.39	
23 05 29 00-0960	EA		1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	33.17	11.75
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.50	
23 05 29 00-0961	EA		1-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	33.36	11.75
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.50	
23 05 29 00-0962	EA		2" Standard Duty Clevis Pipe Hanger Assembly.....	34.10	11.84
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.61	
23 05 29 00-0963	EA		2-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	38.20	11.65
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.13	
23 05 29 00-0964	EA		3" Standard Duty Clevis Pipe Hanger Assembly.....	39.53	11.99
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.24	
23 05 29 00-0965	EA		4" Standard Duty Clevis Pipe Hanger Assembly.....	48.24	13.54
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	7.99	
23 05 29 00-0966	EA		6" Standard Duty Clevis Pipe Hanger Assembly.....	72.67	17.50
			Note: Includes hanger, rod, nuts, washers and clamp.		
			<i>For Work In Restricted Working Space, Add</i>	10.50	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0967 EA 8" Standard Duty Clevis Pipe Hanger Assembly ..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	84.63 <i>12.18</i>	20.30
23 05 29 00-0968 EA 10" Standard Duty Clevis Pipe Hanger Assembly ..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	118.52 <i>15.28</i>	25.79
23 05 29 00-0969 EA 12" Standard Duty Clevis Pipe Hanger Assembly ..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	130.61 <i>16.67</i>	27.75
<b>23 05 29 00-0970 Steel Shapes For Hanger Devices (23 05 29)</b>		
<b>23 05 29 00-0971 Angle Iron (23 05 29 00-0970)</b>		
23 05 29 00-0972 LF 1/2" x 1/2" x 1/8" Angle Iron .....	1.62	1.02
23 05 29 00-0973 LF 3/4" x 3/4" x 1/8" Angle Iron .....	2.11	1.26
23 05 29 00-0974 LF 1" x 1" x 1/8" Angle Iron .....	2.59	1.51
23 05 29 00-0975 LF 1-1/4" x 1-1/4" x 3/16" Angle Iron .....	3.56	1.89
23 05 29 00-0976 LF 1-1/2" x 1-1/2" x 3/16" Angle Iron .....	3.97	2.02
23 05 29 00-0977 LF 2" x 2" x 1/4" Angle Iron .....	5.31	2.27
23 05 29 00-0978 LF 2-1/2" x 2-1/2" x 1/4" Angle Iron .....	6.60	2.76
23 05 29 00-0979 LF 3" x 2" x 3/8" Angle Iron .....	8.53	3.25
23 05 29 00-0980 LF 3" x 3" x 3/8" Angle Iron .....	10.18	3.79
<b>23 05 29 00-0981 Channels (23 05 29 00-0970)</b>		
23 05 29 00-0982 LF C2 X 1.78 - 2" Wide (Channels) .....	4.25	2.24
23 05 29 00-0983 LF C3 X 4.1 - 3" Wide (Channels) .....	7.23	3.23
23 05 29 00-0984 LF C4 X 5.4 - 4" Wide (Channels) .....	9.02	3.88
23 05 29 00-0985 LF C5 X 6.7 - 5" Wide (Channels) .....	10.81	4.52
23 05 29 00-0986 LF C6 X 8.2 - 6" Wide (Channels) .....	13.09	5.43
23 05 29 00-0987 LF C7 X 9.8 - 7" Wide (Channels) .....	15.62	6.47
23 05 29 00-0988 LF C8 X 11.5 - 8" Wide (Channels) .....	17.69	7.12
<b>23 05 29 00-0989 Structural Bar Tees (23 05 29 00-0970)</b>		
23 05 29 00-0990 LF 3/4" x 3/4" x 1/8" Structural Bar Tee .....	4.77	3.17
23 05 29 00-0991 LF 1" x 1" x 1/8" Structural Bar Tee .....	5.73	3.73
23 05 29 00-0992 LF 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee .....	8.15	4.31
23 05 29 00-0993 LF 2" x 2" x 1/4" Structural Bar Tee .....	10.50	5.75
23 05 29 00-0994 LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee .....	14.34	6.90
23 05 29 00-0995 LF 3" x 3" x 3/8" Structural Bar Tee .....	17.99	8.91
<b>23 05 29 00-0996 Structural Zees (23 05 29 00-0970)</b>		
23 05 29 00-0997 LF 1-1/4" x 1-3/4" x 1-3/4" Structural Zee .....	8.16	4.31
23 05 29 00-0998 LF 2-11/16" x 3" x 2-11/16" Structural Zee .....	9.76	4.31
23 05 29 00-0999 LF 3-1/16" x 4" x 3-1/16" Structural Zee .....	14.26	4.31
23 05 29 00-1000 LF 3-1/4" x 5" x 3-1/4" Structural Zee .....	17.98	4.31
23 05 29 00-1001 LF 3-1/2" x 6" x 3-1/2" Structural Zee .....	21.85	4.31
<b>23 05 29 00-1002 Junior I-beams (23 05 29 00-0970)</b>		
23 05 29 00-1003 LF 3" I-beam (Junior) .....	10.21	6.32
23 05 29 00-1004 LF 4" I-beam (Junior) .....	11.71	6.90
23 05 29 00-1005 LF 5" I-beam (Junior) .....	13.50	7.47
23 05 29 00-1006 LF 6" I-beam (Junior) .....	14.75	8.34
23 05 29 00-1007 LF 7" I-beam (Junior) .....	17.48	8.91
23 05 29 00-1008 LF 8" I-beam (Junior) .....	18.92	9.49
<b>23 05 33 Heat Tracing For HVAC Piping (23 05)</b>		
See CSI section 23 83 13 00-0000 for heat tracing cables.		
<b>23 05 48 Vibration And Seismic Controls For HVAC (23 05)</b>		
<b>23 05 48 00-0001 Unhoused Stable Steel Spring Isolators (23 05 48)</b>		
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 00-0002 EA 60 LB Unhoused Steel Spring Isolator .....	78.07	18.84
23 05 48 00-0003 EA 115 LB Unhoused Steel Spring Isolator .....	84.58	18.84
23 05 48 00-0004 EA 1,130 LB Unhoused Steel Spring Isolator .....	106.18	18.84
<b>23 05 48 00-0005 Vibration Isolators (23 05 48)</b>		
<b>23 05 48 00-0006 Spring And Rubber Hanger For 1" Deflection (23 05 48 00-0005)</b>		
23 05 48 00-0007 EA 50-500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size .....	120.72	12.54
23 05 48 00-0008 EA 600-1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size .....	268.96	13.95
<b>23 05 48 00-0009 Rubber-In-Shear Isolator Hanger (23 05 48 00-0005)</b>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 48 Vibration And Seismic Controls For HVAC**

ARLINGTON  
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0010 EA 45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size .....	62.86	10.46
23 05 48 00-0011 EA 130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size .....	82.73	12.54
<b>23 05 48 00-0012 Spring Hanger For 1" Deflection (23 05 48 00-0005)</b>		
23 05 48 00-0013 EA 50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size .....	70.50	12.54
<b>23 05 48 00-0014 Rubber-In-Shear Vibration Isolator (23 05 48 00-0005)</b>		
23 05 48 00-0015 EA 45-340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection .....	129.33	23.71
23 05 48 00-0016 EA 130-700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection .....	186.98	23.71
23 05 48 00-0017 EA 550-1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection .....	384.82	23.71
<b>23 05 48 00-0018 Two-Piece Spring Type Vibration Isolator (23 05 48 00-0005)</b>		
Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 00-0019 EA 50 - 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator .....	105.04	23.71
23 05 48 00-0020 EA >1,000 - 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator .....	109.33	23.71
<b>23 05 48 00-0021 Open Double Spring Type Vibration Isolator (23 05 48 00-0005)</b>		
Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 00-0022 EA 150-450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	89.85	11.85
23 05 48 00-0023 EA 500-1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	89.85	11.85
23 05 48 00-0024 EA 1,100-1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	104.17	11.85
23 05 48 00-0025 EA 1,700-2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	104.17	11.85
23 05 48 00-0026 EA 2,500-3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	168.94	11.85
<b>23 05 48 00-0027 Isolation Pads (23 05 48 00-0005)</b>		
<b>23 05 48 00-0028 Laminated Neoprene And Cork Isolation Pad (23 05 48 00-0027)</b>		
23 05 48 00-0029 EA 2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad .....	4.62	1.74
23 05 48 00-0030 EA 3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad .....	6.35	1.82
23 05 48 00-0031 EA 4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad .....	8.35	1.89
23 05 48 00-0032 EA 12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad .....	38.59	2.16
23 05 48 00-0033 EA 18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad .....	75.68	2.44
<b>23 05 48 00-0034 Neoprene And Steel Plate Isolation Pad (23 05 48 00-0027)</b>		
23 05 48 00-0035 EA 6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad .....	35.59	1.74
23 05 48 00-0036 EA 6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad .....	39.13	1.74
<b>23 05 48 00-0037 Neoprene Isolation Pad (23 05 48 00-0027)</b>		
23 05 48 00-0038 EA 2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad .....	4.19	1.74
23 05 48 00-0039 EA 3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad .....	4.95	1.74
23 05 48 00-0040 EA 4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad .....	6.21	1.74
23 05 48 00-0041 EA 12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad .....	37.93	2.09
23 05 48 00-0042 EA 18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad .....	70.97	2.44
<b>23 05 48 00-0043 Threaded Flexible Bronze Hose Connectors (23 05 48)</b>		
Note: Includes hex threaded nipple ends.		
23 05 48 00-0044 EA 3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	59.49	11.15
23 05 48 00-0045 EA 1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	67.31	15.34
23 05 48 00-0046 EA 3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	82.94	18.83
23 05 48 00-0047 EA 1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	95.98	22.31
23 05 48 00-0048 EA 1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	109.48	29.28
23 05 48 00-0049 EA 1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	122.83	31.16
23 05 48 00-0050 EA 2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	166.66	36.95
23 05 48 00-0051 EA 2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	235.03	57.59
<b>23 05 48 00-0052 Flanged Flexible Hose Connectors (23 05 48)</b>		
<b>23 05 48 00-0053 Flanged Flexible Molded Rubber Hose Connectors (23 05 48 00-0052)</b>		
Note: With helical wire reinforcement 150 PSI.		
23 05 48 00-0054 EA 1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	179.56	52.29
23 05 48 00-0055 EA 2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	193.10	58.07
23 05 48 00-0056 EA 3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	400.13	172.56
23 05 48 00-0057 EA 4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	524.38	222.75
23 05 48 00-0058 EA 6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	685.01	214.05



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 05 48 00-0059 EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	848.06	244.48
	23 05 48 00-0060 EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	1,123.81	290.94
	23 05 48 00-0061 EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	2,413.20	363.88
<b>23 05 48 00-0062</b>	<b>Flanged Flexible Corrugated Stainless Steel Hose Connectors</b> <small>(23 05 48 00-0052)</small>	<i>Note: With braided metal wire.</i>		
	23 05 48 00-0063 EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	134.29	47.55
	23 05 48 00-0064 EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	114.90	65.39
	23 05 48 00-0065 EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	251.85	87.15
	23 05 48 00-0066 EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	312.60	130.72
	23 05 48 00-0067 EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	333.55	143.83
	23 05 48 00-0068 EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	382.08	174.16
	23 05 48 00-0069 EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	489.05	222.96
	23 05 48 00-0070 EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	873.85	299.68
	23 05 48 00-0071 EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	1,171.35	342.48
	23 05 48 00-0072 EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	1,385.63	396.03
	23 05 48 00-0073 EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	1,863.22	428.10
<b>23 05 48 00-0074</b>	<b>Flanged Flexible Molded Teflon Hose Connectors</b> <small>(23 05 48 00-0052)</small>	<i>Note: 150 PSI.</i>		
	23 05 48 00-0075 EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	955.11	143.83
	23 05 48 00-0076 EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,078.20	173.95
	23 05 48 00-0077 EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,540.86	222.96
	23 05 48 00-0078 EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,786.28	214.05
	23 05 48 00-0079 EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	2,384.51	244.48
<b>23 05 48 00-0080</b>	<b>Flexible Hose Connectors Braided Metal Hose Type, Bronze</b> <small>(23 05 48)</small>			
<b>23 05 48 00-0081</b>	<b>Braided Metal Hose Type Flexible Bronze Hose Connectors</b> <small>(23 05 48 00-0080)</small>	<i>Note: MPT connection.</i>		
	23 05 48 00-0082 EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	36.31	1.35
	23 05 48 00-0083 EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	43.78	1.35
	23 05 48 00-0084 EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	48.29	1.75
	23 05 48 00-0085 EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	59.31	1.75
	23 05 48 00-0086 EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	48.87	1.61
	23 05 48 00-0087 EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	59.54	1.61
	23 05 48 00-0088 EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	67.68	2.09
	23 05 48 00-0089 EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	84.30	2.09
	23 05 48 00-0090 EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	67.09	1.89
	23 05 48 00-0091 EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	73.64	1.89
	23 05 48 00-0092 EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	87.10	2.49
	23 05 48 00-0093 EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	111.40	2.49
	23 05 48 00-0094 EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	135.52	2.49
	23 05 48 00-0095 EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	159.71	2.49
	23 05 48 00-0096 EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	95.99	2.42
	23 05 48 00-0097 EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	106.19	2.42
	23 05 48 00-0098 EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	137.28	2.42
	23 05 48 00-0099 EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	191.09	3.22
	23 05 48 00-0100 EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	222.41	3.22
	23 05 48 00-0101 EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	264.10	3.22
	23 05 48 00-0102 EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	132.00	2.92
	23 05 48 00-0103 EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	153.32	2.92
	23 05 48 00-0104 EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	194.60	2.92
	23 05 48 00-0105 EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	259.56	3.90
	23 05 48 00-0106 EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	322.48	3.90
	23 05 48 00-0107 EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	385.34	3.90
	23 05 48 00-0108 EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	184.17	3.65
	23 05 48 00-0109 EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	210.43	3.47
	23 05 48 00-0110 EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	236.95	3.47
	23 05 48 00-0111 EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	291.67	4.65
	23 05 48 00-0112 EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	345.00	4.65
	23 05 48 00-0113 EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	396.67	4.65
	23 05 48 00-0114 EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	291.70	4.65
	23 05 48 00-0115 EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	327.12	4.65
	23 05 48 00-0116 EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	270.73	4.65
	23 05 48 00-0117 EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	326.64	6.19
	23 05 48 00-0118 EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	508.09	6.19
	23 05 48 00-0119 EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	577.80	6.19
	23 05 48 00-0120 EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	537.46	4.99
	23 05 48 00-0121 EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	578.86	4.99
	23 05 48 00-0122 EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	620.25	4.99
	23 05 48 00-0123 EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	707.39	6.66
	23 05 48 00-0124 EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	789.86	6.66
	23 05 48 00-0125 EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	874.09	6.66

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 48 Vibration And Seismic Controls For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0126		<b>Braided Stainless Steel Flexible Hose Connectors</b> <small>(23 05 48 00-0080)</small>		
		Note: Over braided carbon steel connection.		
23 05 48 00-0127	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	158.27	3.05
23 05 48 00-0128	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	192.14	3.05
23 05 48 00-0129	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	225.37	3.05
23 05 48 00-0130	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	294.90	4.09
23 05 48 00-0131	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	362.25	4.09
23 05 48 00-0132	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	429.53	4.09
23 05 48 00-0133	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	179.00	3.47
23 05 48 00-0134	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	214.39	3.47
23 05 48 00-0135	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	249.95	3.47
23 05 48 00-0136	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	323.61	4.65
23 05 48 00-0137	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	394.43	4.65
23 05 48 00-0138	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	464.27	4.65
23 05 48 00-0139	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	188.50	4.65
23 05 48 00-0140	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	229.04	4.77
23 05 48 00-0141	FT	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	270.17	4.65
23 05 48 00-0142	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	357.74	6.19
23 05 48 00-0143	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	439.55	6.19
23 05 48 00-0144	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	523.68	6.19
23 05 48 00-0145	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	381.14	9.35
23 05 48 00-0146	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	568.66	9.41
23 05 48 00-0147	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	762.92	12.41
23 05 48 00-0148	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	950.51	12.41
23 05 48 00-0149	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,138.06	12.41
23 05 48 00-0150	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	665.55	10.32
23 05 48 00-0151	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	807.42	10.32
23 05 48 00-0152	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,095.67	13.42
23 05 48 00-0153	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,377.11	13.42
23 05 48 00-0154	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,658.48	13.42
23 05 48 00-0155	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	709.71	12.90
23 05 48 00-0156	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,064.40	12.90
23 05 48 00-0157	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,426.56	16.80
23 05 48 00-0158	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,782.50	16.80
23 05 48 00-0159	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	2,136.93	16.80
23 05 48 00-0160	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,425.59	15.60
23 05 48 00-0161	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	1,868.24	15.60
23 05 48 00-0162	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	2,334.71	20.98
23 05 48 00-0163	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	2,781.25	20.98
23 05 48 00-0164	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded .....	3,229.88	20.98
23 05 48 00-0165		<b>Braided Metal Hose Type Flexible Bronze Hose Connectors</b> <small>(23 05 48 00-0080)</small>		
		Note: Flanged end connection (carbon steel ends).		
23 05 48 00-0166	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends) .....	121.43	2.92



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0167 EA 2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	171.11	2.92
23 05 48 00-0168 EA 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	223.00	3.90
23 05 48 00-0169 EA 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	272.75	3.90
23 05 48 00-0170 EA 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	322.51	3.90
23 05 48 00-0171 EA 2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	138.00	3.47
23 05 48 00-0172 EA 2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	190.43	3.47
23 05 48 00-0173 EA 2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	245.45	4.65
23 05 48 00-0174 EA 2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	297.91	4.65
23 05 48 00-0175 EA 2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	349.46	4.65
23 05 48 00-0176 EA 4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	170.79	4.65
23 05 48 00-0177 EA 4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	231.98	4.65
23 05 48 00-0178 EA 4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	297.60	6.19
23 05 48 00-0179 EA 4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	367.13	6.19
23 05 48 00-0180 EA 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	420.26	6.19
23 05 48 00-0181 EA 6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	302.89	9.41
23 05 48 00-0182 EA 6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	441.54	9.41
23 05 48 00-0183 EA 6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	586.95	12.41
23 05 48 00-0184 EA 6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	725.62	12.41
23 05 48 00-0185 EA 6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	864.27	12.41
23 05 48 00-0186 EA 8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	558.42	10.32
23 05 48 00-0187 EA 8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	663.31	10.32
23 05 48 00-0188 EA 8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	878.76	13.70
23 05 48 00-0189 EA 8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,086.80	13.70
23 05 48 00-0190 EA 8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,294.74	13.70
23 05 48 00-0191 EA 10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	983.04	12.90
23 05 48 00-0192 EA 10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,244.36	12.90
23 05 48 00-0193 EA 10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,517.00	17.20
23 05 48 00-0194 EA 10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,779.52	17.20
23 05 48 00-0195 EA 10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,991.68	17.20
23 05 48 00-0196 EA 12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,364.11	15.60
23 05 48 00-0197 EA 12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,695.72	15.60
23 05 48 00-0198 EA 12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,039.21	20.98
23 05 48 00-0199 EA 12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,370.81	20.98
23 05 48 00-0200 EA 12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,702.42	20.98

**23 05 53 Identification For HVAC Piping And Equipment** (23 05)

**23 05 53 00-0001 Systems Identification** (23 05 53)

**23 05 53 00-0002 Pipe Marker Snap-On Type Plastic** (23 05 53 00-0001)

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003 EA 1/2" Outside Diameter Snap-On Plastic Marker.....	8.18
23 05 53 00-0004 EA 3/4" Outside Diameter Snap-On Plastic Marker.....	8.34
23 05 53 00-0005 EA 1" Outside Diameter Snap-On Plastic Marker.....	8.43
23 05 53 00-0006 EA 1-1/4" Outside Diameter Snap-On Plastic Marker.....	8.57
23 05 53 00-0007 EA 1-1/2" Outside Diameter Snap-On Plastic Marker.....	9.52
23 05 53 00-0008 EA 2" Outside Diameter Snap-On Plastic Marker.....	9.82
23 05 53 00-0009 EA 2-1/2" Outside Diameter Snap-On Plastic Marker.....	13.80
23 05 53 00-0010 EA 3" Outside Diameter Snap-On Plastic Marker.....	14.04

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 53 Identification For HVAC Piping And Equipment**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0011 EA 3-1/2" Outside Diameter Snap-On Plastic Marker.....	14.30	
23 05 53 00-0012 EA 4" Outside Diameter Snap-On Plastic Marker.....	14.44	
23 05 53 00-0013 EA 4-1/2" Outside Diameter Snap-On Plastic Marker.....	14.59	
23 05 53 00-0014 EA 5" Outside Diameter Snap-On Plastic Marker.....	14.73	
23 05 53 00-0015 EA 6" Outside Diameter Snap-On Plastic Marker.....	15.34	
23 05 53 00-0016 EA 7" Outside Diameter Snap-On Plastic Marker.....	15.50	
23 05 53 00-0017 EA 8" Outside Diameter Snap-On Plastic Marker.....	18.24	
23 05 53 00-0018 EA 10" Outside Diameter Snap-On Plastic Marker.....	19.13	
23 05 53 00-0019 EA 12" Outside Diameter Snap-On Plastic Marker.....	22.26	
23 05 53 00-0020 EA 14" Outside Diameter Snap-On Plastic Marker.....	25.46	
<b>23 05 53 00-0021 Pipe Markers Pressure-Sensitive</b> (23 05 53 00-0001)		
Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.		
23 05 53 00-0022 EA 1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	7.93	
23 05 53 00-0023 EA 3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	8.27	
23 05 53 00-0024 EA 1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	8.94	
23 05 53 00-0025 EA 1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	9.08	
23 05 53 00-0026 EA 1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	9.72	
23 05 53 00-0027 EA 2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	9.92	
23 05 53 00-0028 EA 2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.25	
23 05 53 00-0029 EA 3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.52	
23 05 53 00-0030 EA 3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.72	
23 05 53 00-0031 EA 4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.93	
23 05 53 00-0032 EA 4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	12.35	
23 05 53 00-0033 EA 5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	12.80	
23 05 53 00-0034 EA 6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.20	
23 05 53 00-0035 EA 7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.59	
23 05 53 00-0036 EA 8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	14.66	
23 05 53 00-0037 EA 10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.80	
23 05 53 00-0038 EA 12" Outside Diameter Press-Sensitive Marker Stick-on.....	18.49	
<b>23 05 53 00-0039 Valve Identification Tag</b> (23 05 53 00-0001)		
Note: Includes beaded chain and/or "S" hook.		
23 05 53 00-0040 EA 2" Diameter Identification Tag, Brass.....	6.78	
23 05 53 00-0041 EA 1-1/2" Diameter Identification Tag, Plastic.....	6.41	
23 05 53 00-0042 EA 1-1/2" Diameter Identification Tag, Brass.....	6.29	
<b>23 05 93 Testing, Adjusting, And Balancing For HVAC</b> (23 05)		
Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems.		
<b>23 05 93 00-0001 Heating And Ventilating Equipment</b> (23 05 93)		
23 05 93 00-0002 EA Balancing Centrifugal Fans.....	273.31	
For Testing Of Unit Without Balancing, Deduct	-136.66	
23 05 93 00-0003 EA Balancing Heating And Ventilating Units.....	341.51	
For Testing Of Unit Without Balancing, Deduct	-170.76	
23 05 93 00-0004 EA Balancing In Line Fan.....	307.49	
For Testing Of Unit Without Balancing, Deduct	-153.75	
23 05 93 00-0005 EA Balancing Propeller And Wall Fan.....	68.33	
For Testing Of Unit Without Balancing, Deduct	-34.17	
23 05 93 00-0006 EA Balancing Roof Exhaust Fan.....	204.98	
For Testing Of Unit Without Balancing, Deduct	-102.49	
23 05 93 00-0007 EA Balancing Wall Fan.....	51.24	
For Testing Of Unit Without Balancing, Deduct	-25.62	
23 05 93 00-0008 EA Balancing Fan Section Exhaust.....	272.88	
For Testing Of Unit Without Balancing, Deduct	-136.44	
<b>23 05 93 00-0009 Air Conditioning Equipment</b> (23 05 93)		
23 05 93 00-0010 EA Balancing Constant Volume Air Handling Unit.....	513.57	
For Testing Of Unit Without Balancing, Deduct	-256.79	
23 05 93 00-0011 EA Balancing Package A/C Unit.....	192.58	
For Testing Of Unit Without Balancing, Deduct	-96.29	
23 05 93 00-0012 EA Balancing Rooftop Heat And Cool Unit.....	256.78	
For Testing Of Unit Without Balancing, Deduct	-128.39	
23 05 93 00-0013 EA Balancing Variable Volume Air Handling Unit.....	898.73	
For Testing Of Unit Without Balancing, Deduct	-449.37	
<b>23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers</b> (23 05 93)		
23 05 93 00-0015 EA Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser.....	51.25	
For Testing Of Unit Without Balancing, Deduct	-25.63	
23 05 93 00-0016 EA Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser.....	85.42	
For Testing Of Unit Without Balancing, Deduct	-42.71	
23 05 93 00-0017 EA Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser.....	44.42	
For Testing Of Unit Without Balancing, Deduct	-22.21	
23 05 93 00-0018 EA Balance Variable Air Volume Box.....	48.12	
For Testing Of Unit Without Balancing, Deduct	-24.06	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0019 EA Balance Constant Volume Box .....	48.12	
For Testing Of Unit Without Balancing, Deduct	-24.06	
23 05 93 00-0020 EA Balance Fan Powered Box .....	54.66	
For Testing Of Unit Without Balancing, Deduct	-27.33	
23 05 93 00-0021 EA Balance Lab Fume Hood .....	222.08	
For Testing Of Unit Without Balancing, Deduct	-111.04	
23 05 93 00-0022 EA Balance General Hood .....	170.82	
For Testing Of Unit Without Balancing, Deduct	-85.41	
23 05 93 00-0023 EA Balance Induction Unit.....	102.50	
For Testing Of Unit Without Balancing, Deduct	-51.25	
23 05 93 00-0024 EA Balance Moduline - Master.....	40.99	
For Testing Of Unit Without Balancing, Deduct	-20.50	
23 05 93 00-0025 EA Balance Moduline - Slave .....	20.49	
For Testing Of Unit Without Balancing, Deduct	-10.25	
23 05 93 00-0026 EA Balance Dampers .....	19.03	
For Testing Of Unit Without Balancing, Deduct	-9.52	
23 05 93 00-0027 EA Balance Regenerators .....	272.88	
For Testing Of Unit Without Balancing, Deduct	-136.44	
<b>23 05 93 00-0028 Water Balancing Of Components (23 05 93)</b>		
23 05 93 00-0029 EA Water Balance, Air Cool Condenser .....	353.10	
For Testing Of Unit Without Balancing, Deduct	-176.55	
23 05 93 00-0030 EA Water Balance, Cabinet Heater .....	44.94	
For Testing Of Unit Without Balancing, Deduct	-22.47	
23 05 93 00-0031 EA Water Balance, Chiller, Air Cooled .....	385.14	
For Testing Of Unit Without Balancing, Deduct	-192.57	
23 05 93 00-0032 EA Water Balance, Chiller, Water Cooled .....	513.57	
For Testing Of Unit Without Balancing, Deduct	-256.79	
23 05 93 00-0033 EA Water Balance, Cooling Tower .....	256.78	
For Testing Of Unit Without Balancing, Deduct	-128.39	
23 05 93 00-0034 EA Water Balance, Fan Coil And Vent .....	64.23	
For Testing Of Unit Without Balancing, Deduct	-32.12	
23 05 93 00-0035 EA Water Balance, Fin Tube And Radiant Panel .....	64.19	
For Testing Of Unit Without Balancing, Deduct	-32.10	
23 05 93 00-0036 EA Water Balance, Main And Duct Re-Heat Coil .....	70.62	
For Testing Of Unit Without Balancing, Deduct	-35.31	
23 05 93 00-0037 EA Water Balance, Pumps .....	192.59	
For Testing Of Unit Without Balancing, Deduct	-96.30	
23 05 93 00-0038 EA Water Balance, Unit Heater .....	44.94	
For Testing Of Unit Without Balancing, Deduct	-22.47	
23 05 93 00-0039 EA Water Balancing, Converter .....	192.66	
For Testing Of Unit Without Balancing, Deduct	-96.33	
23 05 93 00-0040 EA Water Balancing, Cocks And Valves .....	32.09	
For Testing Of Unit Without Balancing, Deduct	-16.05	
23 05 93 00-0041 EA Water Balance, Convactor .....	38.52	
For Testing Of Unit Without Balancing, Deduct	-19.26	
23 05 93 00-0042 EA Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves .....	48.15	
For Testing Of Unit Without Balancing, Deduct	-24.08	
23 05 93 00-0043 EA Water Balance, Boiler, Up To 500 MBH .....	417.26	
For Testing Of Unit Without Balancing, Deduct	-208.63	
23 05 93 00-0044 EA >500 To 1,000 MBH, Water Balance, Boiler .....	770.35	
For Testing Of Unit Without Balancing, Deduct	-385.18	
23 05 93 00-0045 EA >1,000 MBH, Water Balance, Boiler .....	1,412.30	
For Testing Of Unit Without Balancing, Deduct	-706.15	
<b>23 05 93 00-0046 Non Destructive Testing (23 05 93)</b>		
<b>23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing (23 05 93 00-0046)</b>		
<b>23 05 93 00-0048 X-Ray Welds Minimum Set-Up Charge (23 05 93 00-0047)</b>		
23 05 93 00-0049 EA X-Ray Welds Minimum Set-Up Charge .....	387.48	
Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
<b>23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing (23 05 93 00-0047)</b>		
23 05 93 00-0051 EA Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing .....	53.16	
23 05 93 00-0052 EA 1" Piping, X-Ray Welds, Non Destructive Testing .....	60.48	
23 05 93 00-0053 EA 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing .....	67.82	
23 05 93 00-0054 EA 2" Piping, X-Ray Welds, Non Destructive Testing .....	71.67	
23 05 93 00-0055 EA 3" Piping, X-Ray Welds, Non Destructive Testing .....	75.52	
23 05 93 00-0056 EA 4" Piping, X-Ray Welds, Non Destructive Testing .....	79.73	
23 05 93 00-0057 EA 6" Piping, X-Ray Welds, Non Destructive Testing .....	87.43	
23 05 93 00-0058 EA 8" Piping, X-Ray Welds, Non Destructive Testing .....	95.13	
23 05 93 00-0059 EA 10" Piping, X-Ray Welds, Non Destructive Testing .....	99.33	
23 05 93 00-0060 EA 12" Piping, X-Ray Welds, Non Destructive Testing .....	103.55	
<b>23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0046)</b>		
<b>23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0061)</b>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 05 Common Work Results For HVAC****23 05 93 Testing, Adjusting, And Balancing For HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0063 EA Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	64.96	
23 05 93 00-0064 EA 1" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	68.45	
23 05 93 00-0065 EA 1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	71.93	
23 05 93 00-0066 EA 2" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	73.67	
23 05 93 00-0067 EA 3" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	76.28	
23 05 93 00-0068 EA 4" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	78.91	
23 05 93 00-0069 EA 6" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	84.13	
23 05 93 00-0070 EA 8" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	89.36	
23 05 93 00-0071 EA 10" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	94.59	
23 05 93 00-0072 EA 12" Piping, Liquid Penetration Of Welds, Non Destructive Testing .....	99.82	
<b>23 05 93 00-0073 Hydrostatic Testing</b> <small>(23 05 93 00-0046)</small>		
Note: Includes flushing and restoring of system.		
<b>23 05 93 00-0074 Piping, Hydrostatic Testing</b> <small>(23 05 93 00-0073)</small>		
23 05 93 00-0075 EA Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing .....	458.67	
23 05 93 00-0076 EA >100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing .....	655.25	
23 05 93 00-0077 EA >250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing .....	785.12	
23 05 93 00-0078 EA >500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing .....	1,045.78	
23 05 93 00-0079 EA >1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing .....	1,584.51	
23 05 93 00-0080 EA Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing .....	609.85	
23 05 93 00-0081 EA >100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing .....	871.48	
23 05 93 00-0082 EA >250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing .....	1,037.47	
23 05 93 00-0083 EA >500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing .....	1,359.49	
23 05 93 00-0084 EA >1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing .....	2,056.68	
23 05 93 00-0085 EA Up To 100', >4" To 10" Piping, Hydrostatic Testing .....	794.79	
23 05 93 00-0086 EA >100' To 250', >4" To 10" Piping, Hydrostatic Testing .....	1,132.93	
23 05 93 00-0087 EA >250' To 500', >4" To 10" Piping, Hydrostatic Testing .....	1,104.50	
23 05 93 00-0088 EA >500' To 1,000', >4" To 10" Piping, Hydrostatic Testing .....	1,446.98	
23 05 93 00-0089 EA >1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing .....	2,189.02	
23 05 93 00-0090 EA Up To 100', >10" To 14" Piping, Hydrostatic Testing .....	1,031.83	
23 05 93 00-0091 EA >100' To 250', >10" To 14" Piping, Hydrostatic Testing .....	1,471.04	
23 05 93 00-0092 EA >250' To 500', >10" To 14" Piping, Hydrostatic Testing .....	1,436.13	
23 05 93 00-0093 EA >500' To 1,000', >10" To 14" Piping, Hydrostatic Testing .....	1,883.64	
23 05 93 00-0094 EA >1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing .....	2,854.01	
<b>23 05 93 00-0095 Pneumatic Testing</b> <small>(23 05 93 00-0046)</small>		
Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
<b>23 05 93 00-0096 Piping, Pneumatic Testing</b> <small>(23 05 93 00-0095)</small>		
23 05 93 00-0097 EA Up To 100', Up To 1-1/2" Piping, Pneumatic Testing .....	521.74	
Note: Includes soaping joints.		
23 05 93 00-0098 EA >100' To 250', Up To 1-1/2" Piping, Pneumatic Testing .....	744.41	
Note: Includes soaping joints.		
23 05 93 00-0099 EA >250' To 500', Up To 1-1/2" Piping, Pneumatic Testing .....	804.09	
Note: Includes soaping joints.		
23 05 93 00-0100 EA >500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing .....	1,030.11	
Note: Includes soaping joints.		
23 05 93 00-0101 EA >1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing .....	1,611.49	
Note: Includes soaping joints.		
23 05 93 00-0102 EA Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing .....	680.78	
Note: Includes soaping joints.		
23 05 93 00-0103 EA >100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing .....	966.62	
Note: Includes soaping joints.		
23 05 93 00-0104 EA >250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing .....	1,045.24	
Note: Includes soaping joints.		
23 05 93 00-0105 EA >500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing .....	1,339.39	
Note: Includes soaping joints.		
23 05 93 00-0106 EA >1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing .....	2,094.58	
Note: Includes soaping joints.		
23 05 93 00-0107 EA Up To 100', >4" To 10" Piping, Pneumatic Testing .....	819.72	
Note: Includes soaping joints.		
23 05 93 00-0108 EA >100' To 250', >4" To 10" Piping, Pneumatic Testing .....	1,156.74	
Note: Includes soaping joints.		
23 05 93 00-0109 EA >250' To 500', >4" To 10" Piping, Pneumatic Testing .....	1,209.72	
Note: Includes soaping joints.		
23 05 93 00-0110 EA >500' To 1,000', >4" To 10" Piping, Pneumatic Testing .....	1,546.09	
Note: Includes soaping joints.		
23 05 93 00-0111 EA >1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing .....	2,421.51	
Note: Includes soaping joints.		
23 05 93 00-0112 EA Up To 100', >10" To 14" Piping, Pneumatic Testing .....	1,067.37	
Note: Includes soaping joints.		
23 05 93 00-0113 EA >100' To 250', >10" To 14" Piping, Pneumatic Testing .....	1,503.89	
Note: Includes soaping joints.		
23 05 93 00-0114 EA >250' To 500', >10" To 14" Piping, Pneumatic Testing .....	1,573.15	
Note: Includes soaping joints.		
23 05 93 00-0115 EA >500' To 1,000', >10" To 14" Piping, Pneumatic Testing .....	2,010.41	
Note: Includes soaping joints.		
23 05 93 00-0116 EA >1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing .....	3,153.24	
Note: Includes soaping joints.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 93 00-0117</b> EPA Testing Of Sludge <small>(23 05 93)</small>		
23 05 93 00-0118 EA Flashpoint And Lead Test For Lead.....	518.57	
23 05 93 00-0119 EA Air Test/Combustion Gas Level.....	51.53	
23 05 93 00-0120 EA Toxicity Test For Heavy Metals.....	795.97	
23 05 93 00-0121 EA Aboveground Tank Water Settlement Test Including Water.....	603.75	
 <b>23 07 HVAC Insulation</b> <small>(23)</small>		
<b>23 07 13 Duct Insulation</b> <small>(23 07)</small>		
Note: Based on SF surface area of duct to receive insulation.		
<b>23 07 13 00-0001</b> FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.		
<b>23 07 13 00-0002</b> Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0003 SF 1" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	1.86	1.22
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.09	
	0.49	
23 07 13 00-0004 SF 1-1/2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.18	1.22
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.10	
	0.58	
23 07 13 00-0005 SF 2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.47	1.84
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.11	
	0.66	
23 07 13 00-0006 SF 3" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.90	2.14
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.14	
	0.77	
23 07 13 00-0007 SF 4" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.31	2.32
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.22	
	0.83	
 <b>23 07 13 00-0008</b> Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0009 SF 1" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.30	1.84
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.10	
	0.61	
23 07 13 00-0010 SF 1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.67	2.14
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.13	
	0.71	
23 07 13 00-0011 SF 2" Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation.....	3.16	2.45
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.15	
	0.83	
 <b>23 07 13 00-0012</b> Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0013 SF 1" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.90	2.45
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.18	
	0.74	
23 07 13 00-0014 SF 1-1/2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.58	2.75
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.31	
	0.84	
23 07 13 00-0015 SF 2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.17	3.06
For Plain Blanket, With No Facing, Deduct		
For Work In Restricted Working Space, Add		
	-0.36	
	0.98	
 <b>23 07 13 00-0016</b> 3 LB/CF FSK Rigid Fiber Glass Board Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017 SF 1", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	5.61	3.35
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add		
For Work In Restricted Working Space, Add		
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add		
For Non-Metallic Weatherproof Paste, 2 LB, Add		
	13.16	
	1.63	
	9.68	
	8.00	
23 07 13 00-0018 SF 1-1/2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	6.87	4.08
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add		
For Work In Restricted Working Space, Add		
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add		
For Non-Metallic Weatherproof Paste, 2 LB, Add		
	16.05	
	1.98	
	11.83	
	9.77	
23 07 13 00-0019 SF 2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	8.32	4.92
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add		
For Work In Restricted Working Space, Add		
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add		
For Non-Metallic Weatherproof Paste, 2 LB, Add		
	19.39	
	2.39	
	14.31	
	11.81	
 <b>23 07 13 00-0020</b> 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021 SF 1", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	6.57	3.69
For Work In Restricted Working Space, Add		
	1.79	
23 07 13 00-0022 SF 1-1/2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	8.61	4.49
For Work In Restricted Working Space, Add		
	2.18	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 07 HVAC Insulation****23 07 13 Duct Insulation**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0023 SF 2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.13 2.63	5.42
<b>23 07 13 00-0024 Sheet Flexible Elastomeric Insulation (23 07 13)</b>		
23 07 13 00-0025 SF 3/8" Thick Sheet Flexible Elastomeric Insulation .....	4.82	1.65
23 07 13 00-0026 SF 1/2" Thick Sheet Flexible Elastomeric Insulation .....	5.14	1.75
23 07 13 00-0027 SF 3/4" Thick Sheet Flexible Elastomeric Insulation .....	6.73	1.84
23 07 13 00-0028 SF 1" Thick Sheet Flexible Elastomeric Insulation .....	7.75	1.93
23 07 13 00-0029 SF 1-1/2" Thick Sheet Flexible Elastomeric Insulation .....	10.70	2.11
23 07 13 00-0030 SF 2" Thick Sheet Flexible Elastomeric Insulation .....	12.64	2.29
<b>23 07 13 00-0031 Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13)</b>		
Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective film.		
23 07 13 00-0032 SF 1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	7.09	1.75
23 07 13 00-0033 SF 3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	7.80	1.84
23 07 13 00-0034 SF 1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	8.68	1.93
23 07 13 00-0035 SF 1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	13.50	2.11
23 07 13 00-0036 SF 2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	15.98	2.29
<b>23 07 13 00-0037 Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13)</b>		
Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective film.		
23 07 13 00-0038 SF 1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	8.48	1.75
23 07 13 00-0039 SF 3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	9.19	1.84
23 07 13 00-0040 SF 1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	10.31	1.93
23 07 13 00-0041 SF 1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	15.11	2.11
<b>23 07 16 HVAC Equipment Insulation (23 07)</b>		
<b>23 07 16 00-0001 Calcium Silicate Block Insulation (23 07 16)</b>		
23 07 16 00-0002 SF 1" Calcium Silicate Block Insulation .....	10.19	4.03
<i>For Work In Restricted Working Space, Add</i>		
	2.42	
23 07 16 00-0003 SF 1-1/2" Calcium Silicate Block Insulation .....	12.26	4.53
<i>For Work In Restricted Working Space, Add</i>		
	2.72	
23 07 16 00-0004 SF 2" Calcium Silicate Block Insulation .....	14.75	5.23
<i>For Work In Restricted Working Space, Add</i>		
	3.14	
23 07 16 00-0005 SF 2-1/2" Calcium Silicate Block Insulation .....	17.61	6.13
<i>For Work In Restricted Working Space, Add</i>		
	3.68	
23 07 16 00-0006 SF 3" Calcium Silicate Block Insulation .....	21.51	7.55
<i>For Work In Restricted Working Space, Add</i>		
	4.53	
<b>23 07 19 HVAC Piping Insulation (23 07)</b>		
See CSI section 22 07 19 00-0000 for pipe insulation.		
<b>23 07 19 00-0001 Calcium Silicate Pipe Insulation (23 07 19)</b>		
Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0435 for protective jacketing.		
<b>23 07 19 00-0002 1" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0003 LF 1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	7.94	2.01
<i>For Work In Restricted Working Space, Add</i>		
	1.51	
23 07 19 00-0004 LF 3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	7.94	2.01
<i>For Work In Restricted Working Space, Add</i>		
	1.51	
23 07 19 00-0005 LF 1" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	7.89	2.04
<i>For Work In Restricted Working Space, Add</i>		
	1.53	
23 07 19 00-0006 LF 1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	8.02	2.07
<i>For Work In Restricted Working Space, Add</i>		
	1.55	
23 07 19 00-0007 LF 1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	8.11	2.10
<i>For Work In Restricted Working Space, Add</i>		
	1.58	
23 07 19 00-0008 LF 2" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	8.69	2.16
<i>For Work In Restricted Working Space, Add</i>		
	1.62	
23 07 19 00-0009 LF 2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	9.10	2.24
<i>For Work In Restricted Working Space, Add</i>		
	1.68	
23 07 19 00-0010 LF 3" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	9.50	2.30
<i>For Work In Restricted Working Space, Add</i>		
	1.73	
23 07 19 00-0011 LF 4" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	10.89	2.47
<i>For Work In Restricted Working Space, Add</i>		
	1.86	
23 07 19 00-0012 LF 6" Diameter Pipe, 1" Thick Calcium Silicate Insulation .....	12.10	2.79
<i>For Work In Restricted Working Space, Add</i>		
	2.09	
<b>23 07 19 00-0013 1-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0014 LF 1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.32 1.57	2.10
23 07 19 00-0015 LF 3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.36 1.57	2.10
23 07 19 00-0016 LF 1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	8.96 1.67	2.22
23 07 19 00-0017 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	9.33 1.70	2.26
23 07 19 00-0018 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	9.71 1.73	2.30
23 07 19 00-0019 LF 2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	10.42 1.82	2.43
23 07 19 00-0020 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	10.93 1.85	2.47
23 07 19 00-0021 LF 3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.35 1.92	2.55
23 07 19 00-0022 LF 4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.66 2.07	2.76
23 07 19 00-0023 LF 6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.67 2.42	3.23
23 07 19 00-0024 LF 8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.28 2.56	3.40
23 07 19 00-0025 LF 10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	21.79 3.06	4.08
23 07 19 00-0026 LF 12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	25.63 3.56	4.74
23 07 19 00-0027 LF 14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	28.56 3.90	5.20
23 07 19 00-0028 LF 16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	33.96 4.97	6.62
23 07 19 00-0029 LF 18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	36.63 5.21	6.95
<b>23 07 19 00-0030 2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0031 LF 1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	10.61 1.73	2.30
23 07 19 00-0032 LF 3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	10.87 1.73	2.30
23 07 19 00-0033 LF 1" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.23 1.75	2.33
23 07 19 00-0034 LF 1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.69 1.77	2.36
23 07 19 00-0035 LF 1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.01 1.79	2.39
23 07 19 00-0036 LF 2" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.54 1.86	2.47
23 07 19 00-0037 LF 2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.03 1.92	2.56
23 07 19 00-0038 LF 3" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.28 1.99	2.65
23 07 19 00-0039 LF 4" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.84 2.10	2.80
23 07 19 00-0040 LF 6" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.43 2.52	3.36
23 07 19 00-0041 LF 8" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	22.00 2.66	3.54
23 07 19 00-0042 LF 10" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	27.11 3.18	4.24
23 07 19 00-0043 LF 12" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	31.04 3.81	5.08
23 07 19 00-0044 LF 14" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	37.89 5.31	7.08
23 07 19 00-0045 LF 16" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	39.95 5.31	7.08
23 07 19 00-0046 LF 18" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	42.85 5.58	7.44
23 07 19 00-0047 LF 20" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	51.13 6.38	8.50
23 07 19 00-0048 LF 24" Diameter Pipe, 2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	59.48 7.70	10.27
<b>23 07 19 00-0049 2-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0050 LF 1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.75 1.99	2.65
23 07 19 00-0051 LF 3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.03 1.99	2.65
23 07 19 00-0052 LF 1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.25 2.02	2.69
23 07 19 00-0053 LF 1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.38 2.04	2.71
23 07 19 00-0054 LF 1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.73 2.05	2.73

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0055	LF		2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	14.31	2.86
			<i>For Work In Restricted Working Space, Add</i>	2.14	
23 07 19 00-0056	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	16.14	2.95
			<i>For Work In Restricted Working Space, Add</i>	2.21	
23 07 19 00-0057	LF		3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	16.39	3.06
			<i>For Work In Restricted Working Space, Add</i>	2.29	
23 07 19 00-0058	LF		4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	18.99	3.22
			<i>For Work In Restricted Working Space, Add</i>	2.42	
23 07 19 00-0059	LF		6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	23.70	3.66
			<i>For Work In Restricted Working Space, Add</i>	2.75	
23 07 19 00-0060	LF		8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	27.06	4.08
			<i>For Work In Restricted Working Space, Add</i>	3.06	
23 07 19 00-0061	LF		10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	32.35	4.70
			<i>For Work In Restricted Working Space, Add</i>	3.53	
23 07 19 00-0062	LF		12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	37.58	5.84
			<i>For Work In Restricted Working Space, Add</i>	4.39	
23 07 19 00-0063	LF		14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	41.58	6.39
			<i>For Work In Restricted Working Space, Add</i>	4.79	
23 07 19 00-0064	LF		16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	50.41	8.15
			<i>For Work In Restricted Working Space, Add</i>	6.12	
23 07 19 00-0065	LF		18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	53.25	8.57
			<i>For Work In Restricted Working Space, Add</i>	6.42	
23 07 19 00-0066	LF		20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	61.80	9.79
			<i>For Work In Restricted Working Space, Add</i>	7.34	
23 07 19 00-0067	LF		24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	72.57	11.83
			<i>For Work In Restricted Working Space, Add</i>	8.87	
<b>23 07 19 00-0068</b>			<b>3" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0069	LF		1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	16.16	2.94
			<i>For Work In Restricted Working Space, Add</i>	2.21	
23 07 19 00-0070	LF		3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	16.23	2.94
			<i>For Work In Restricted Working Space, Add</i>	2.21	
23 07 19 00-0071	LF		1" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	16.37	2.97
			<i>For Work In Restricted Working Space, Add</i>	2.23	
23 07 19 00-0072	LF		1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	16.53	2.99
			<i>For Work In Restricted Working Space, Add</i>	2.24	
23 07 19 00-0073	LF		1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	16.69	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
23 07 19 00-0074	LF		2" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	17.25	3.13
			<i>For Work In Restricted Working Space, Add</i>	2.35	
23 07 19 00-0075	LF		2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	19.19	3.24
			<i>For Work In Restricted Working Space, Add</i>	2.43	
23 07 19 00-0076	LF		3" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	19.57	3.36
			<i>For Work In Restricted Working Space, Add</i>	2.52	
23 07 19 00-0077	LF		4" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	23.14	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 07 19 00-0078	LF		6" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	27.47	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.02	
23 07 19 00-0079	LF		8" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	31.95	4.48
			<i>For Work In Restricted Working Space, Add</i>	3.36	
23 07 19 00-0080	LF		10" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	37.98	5.18
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 07 19 00-0081	LF		12" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	43.78	6.43
			<i>For Work In Restricted Working Space, Add</i>	4.82	
23 07 19 00-0082	LF		14" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	48.62	7.02
			<i>For Work In Restricted Working Space, Add</i>	5.27	
23 07 19 00-0083	LF		16" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	56.75	8.97
			<i>For Work In Restricted Working Space, Add</i>	6.73	
23 07 19 00-0084	LF		18" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	61.25	9.42
			<i>For Work In Restricted Working Space, Add</i>	7.07	
23 07 19 00-0085	LF		20" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	71.75	10.78
			<i>For Work In Restricted Working Space, Add</i>	8.08	
23 07 19 00-0086	LF		24" Diameter Pipe, 3" Thick Calcium Silicate Insulation .....	84.83	13.02
			<i>For Work In Restricted Working Space, Add</i>	9.76	
<b>23 07 19 00-0087</b>			<b>3-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0088	LF		1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	20.69	3.22
			<i>For Work In Restricted Working Space, Add</i>	2.42	
23 07 19 00-0089	LF		3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	21.49	3.22
			<i>For Work In Restricted Working Space, Add</i>	2.42	
23 07 19 00-0090	LF		1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	21.54	3.24
			<i>For Work In Restricted Working Space, Add</i>	2.43	
23 07 19 00-0091	LF		1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	21.59	3.26
			<i>For Work In Restricted Working Space, Add</i>	2.45	
23 07 19 00-0092	LF		1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	22.27	3.30
			<i>For Work In Restricted Working Space, Add</i>	2.48	
23 07 19 00-0093	LF		2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	23.66	3.41
			<i>For Work In Restricted Working Space, Add</i>	2.56	
23 07 19 00-0094	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	25.73	3.53
			<i>For Work In Restricted Working Space, Add</i>	2.65	
23 07 19 00-0095	LF		3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation .....	26.64	3.66
			<i>For Work In Restricted Working Space, Add</i>	2.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0096 LF 4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	30.39 2.90	3.86
23 07 19 00-0097 LF 6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	33.90 3.29	4.39
23 07 19 00-0098 LF 8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	41.37 3.67	4.89
23 07 19 00-0099 LF 10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	50.33 4.24	5.64
23 07 19 00-0100 LF 12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	60.89 5.26	7.01
23 07 19 00-0101 LF 14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	64.10 5.75	7.66
23 07 19 00-0102 LF 16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	74.59 7.34	9.79
23 07 19 00-0103 LF 18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	85.86 7.71	10.28
23 07 19 00-0104 LF 20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	92.53 8.82	11.76
<b>23 07 19 00-0105 4" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0106 LF 1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	25.92 2.68	3.57
23 07 19 00-0107 LF 3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	25.94 2.68	3.57
23 07 19 00-0108 LF 1" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	26.09 2.73	3.63
23 07 19 00-0109 LF 1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	26.82 2.76	3.68
23 07 19 00-0110 LF 1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	28.43 2.85	3.79
23 07 19 00-0111 LF 2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	29.00 2.93	3.92
23 07 19 00-0112 LF 2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	31.74 2.98	3.98
23 07 19 00-0113 LF 3" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	32.65 3.09	4.12
23 07 19 00-0114 LF 4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	37.12 3.26	4.35
23 07 19 00-0115 LF 6" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	42.95 3.70	4.93
23 07 19 00-0116 LF 8" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	51.25 4.13	5.50
23 07 19 00-0117 LF 10" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	59.01 4.77	6.36
23 07 19 00-0118 LF 12" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	67.09 5.92	7.89
23 07 19 00-0119 LF 14" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	71.30 6.47	8.63
23 07 19 00-0120 LF 16" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	84.28 8.27	11.02
23 07 19 00-0121 LF 18" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	89.67 8.66	11.55
23 07 19 00-0122 LF 20" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	99.16 9.92	13.22
<b>23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0124 SF 1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET) ..... <i>For Work In Restricted Working Space, Add</i>	3.08 0.57	
<b>23 08 Commissioning Of HVAC (23)</b>		
See CSI section 23 05 93 00-0000 for testing and balancing.		
<b>23 09 Instrumentation And Control For HVAC (23)</b>		
<b>23 09 13 Instrumentation And Control Devices For HVAC (23 09)</b>		
<b>23 09 13 56 Pneumatic Tubing (23 09 13)</b>		
<b>23 09 13 56-0001 Polyurethane Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0002 LF 1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing .....	1.39	0.55
23 09 13 56-0003 LF 5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	1.73	0.57
23 09 13 56-0004 LF 3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	2.24	0.58
23 09 13 56-0005 LF 1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	2.80	0.60
<b>23 09 13 56-0006 Fire Resistant Polyethylene Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0007 LF 1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	1.25	0.55
23 09 13 56-0008 LF 5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	1.34	0.57
23 09 13 56-0009 LF 3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	1.53	0.58

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 13 Instrumentation And Control Devices For HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 13 56-0010 LF 1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing.....	1.87	0.60
<b>23 09 13 56-0011 Nylon Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0012 LF 1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing .....	1.46	0.53
23 09 13 56-0013 LF 1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing .....	1.90	0.55
23 09 13 56-0014 LF 3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing .....	2.81	0.58
23 09 13 56-0015 LF 1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing .....	3.57	0.60
<b>23 09 13 56-0016 Flexible Vinyl Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0017 LF 1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	1.43	0.55
23 09 13 56-0018 LF 3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	2.25	0.58
23 09 13 56-0019 LF 1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	2.69	0.60
23 09 13 56-0020 LF 5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	3.24	0.63
23 09 13 56-0021 LF 3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	3.66	0.64
23 09 13 56-0022 LF 1" Outside Diameter Flexible Vinyl Pneumatic Tubing.....	4.96	0.66
<b>23 09 13 56-0023 Braided Vinyl Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0024 LF 5/8" Outside Diameter Braided Vinyl Pneumatic Tubing.....	1.91	0.63
23 09 13 56-0025 LF 3/4" Outside Diameter Braided Vinyl Pneumatic Tubing.....	2.20	0.64
23 09 13 56-0026 LF 1" Outside Diameter Braided Vinyl Pneumatic Tubing.....	2.72	0.66
<b>23 09 13 56-0027 Copper Pneumatic Tubing (23 09 13 56)</b>		
23 09 13 56-0028 LF 1/4" Outside Diameter Copper Pneumatic Tubing.....	3.55	1.20
23 09 13 56-0029 LF 3/8" Outside Diameter Copper Pneumatic Tubing.....	4.02	1.38
23 09 13 56-0030 LF 1/2" Outside Diameter Copper Pneumatic Tubing.....	5.05	1.59
23 09 13 56-0031 LF 5/8" Outside Diameter Copper Pneumatic Tubing.....	6.02	1.83
23 09 13 56-0032 LF 3/4" Outside Diameter Copper Pneumatic Tubing.....	7.49	2.18
<b>23 09 13 56-0033 Brass Couplings (23 09 13 56)</b>		
<b>23 09 13 56-0034 Straight Brass Couplings (23 09 13 56-0033)</b>		
Note: Barb x Barb		
23 09 13 56-0035 EA 1/4" x 1/4" Straight Brass Coupling .....	6.37	3.02
23 09 13 56-0036 EA 3/8" x 1/4" Straight Brass Coupling.....	6.42	3.02
23 09 13 56-0037 EA 3/8" x 3/8" Straight Brass Coupling.....	6.47	3.02
<b>23 09 13 56-0038 Elbow Brass Couplings (23 09 13 56-0033)</b>		
Note: Barb x Barb		
23 09 13 56-0039 EA 1/4" x 1/4" Elbow Brass Coupling.....	6.65	3.02
23 09 13 56-0040 EA 3/8" x 3/8" Elbow Brass Coupling.....	6.82	3.02
<b>23 09 13 56-0041 Tee Brass Couplings (23 09 13 56-0033)</b>		
Note: Barb x Barb		
23 09 13 56-0042 EA 1/4" x 1/4" x 1/4" Tee Brass Coupling .....	10.21	4.71
23 09 13 56-0043 EA 3/8" x 3/8" x 1/4" Tee Brass Coupling .....	11.47	5.05
23 09 13 56-0044 EA 3/8" x 3/8" x 3/8" Tee Brass Coupling .....	11.29	5.05
<b>23 09 23 Direct-Digital Control System For HVAC (23 09)</b>		
<b>23 09 23 00-0001 EMCS General Costs (23 09 23)</b>		
<b>23 09 23 00-0002 EMCS System Design Engineering (23 09 23 00-0001)</b>		
Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 00-0003 HR EMCS Site Inspection Of Existing Facilities.....	170.77	
23 09 23 00-0004 HR EMCS Engineering Project Management .....	170.77	
23 09 23 00-0005 HR EMCS System Engineering, Schematic Design And Layout.....	181.12	
23 09 23 00-0006 HR EMCS System Software Programming And Graphics Programming.....	181.12	
23 09 23 00-0007 HR EMCS Graphics Picture Creation.....	116.46	
23 09 23 00-0008 HR EMCS System Controls Training .....	170.77	
23 09 23 00-0009 HR EMCS On Site System Diagnostics Field Technician .....	170.77	
23 09 23 00-0010 HR EMCS Remote Technical Support Using Phone Or Internet.....	142.34	
23 09 23 00-0011 HR EMCS Travel Time (All Personnel) .....	147.51	
<b>23 09 23 00-0012 Post Warranty Field Tests, Checkout And Commissioning (23 09 23 00-0001)</b>		
Note: Tasks used for building commissioning of other contractors' work or post warranty service work. A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0013 PNT EMCS Field Test.....	90.59	
Note: Priced per point. Task used after warranty period only.		
23 09 23 00-0014 PNT EMCS Field Checkout And Startup.....	90.59	
Note: Priced per point. Task used after warranty period only.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0015 PNT EMCS Field Commissioning ..... Note: Priced per point. Used when the owner requires an independent commissioning firm.	90.59	
23 09 23 00-0016 EA EMCS Field Balance Support ..... Note: Priced per controller. Task used after warranty period only.	77.62	
<b>23 09 23 00-0017 EMCS System Engineering/Submittal Design And Layout (23 09 23 00-0001)</b> Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0018 PNT EMCS System Engineering/Submittal Design And Layout ..... Note: Priced per point.	30.22	
<b>23 09 23 00-0019 Install EMCS Field Devices And Controllers (Labor Only) (23 09 23 00-0001)</b> Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
23 09 23 00-0020 EA Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall .....	156.55	25.87
23 09 23 00-0021 EA Install AHU Power Supply In A Control Enclosure .....	113.84	51.74
23 09 23 00-0022 EA Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall .....	156.55	25.87
23 09 23 00-0023 EA Install And Wire Room Sensor .....	42.71	25.87
23 09 23 00-0024 EA Install And Wire Duct Sensor .....	56.93	25.87
23 09 23 00-0025 EA Install And Wire AHU Averaging Sensor .....	184.97	129.36
23 09 23 00-0026 EA Install And Wire AHU Humidity Sensor .....	99.63	38.84
23 09 23 00-0027 EA Install And Wire AHU CO2 Sensor .....	142.34	38.84
23 09 23 00-0028 EA Install And Wire Fan Or Filter DP Switch .....	142.34	38.84
23 09 23 00-0029 EA Install And Wire Float Switch .....	113.84	25.87
23 09 23 00-0030 EA Install And Wire Freezestat .....	184.97	129.36
23 09 23 00-0031 EA Install And Wire Duct Static Pressure Sensor .....	99.63	51.74
23 09 23 00-0032 EA Install And Wire Duct High Static Sensor .....	56.93	25.87
23 09 23 00-0033 EA Install And Wire Emergency Stop Switch For AHU Or Other Equipment .....	56.93	25.87
23 09 23 00-0034 EA Install And Wire Emergency Stop Switch For AHU .....	170.77	51.74
23 09 23 00-0035 EA Install And Wire AHU Connection To Starter .....	170.77	129.36
23 09 23 00-0036 EA Install And Wire Connection To VFD .....	313.10	129.36
23 09 23 00-0037 EA Install And Wire AHU Valve Actuator .....	85.42	25.87
23 09 23 00-0038 EA Install And Wire AHU Damper Actuator .....	170.77	51.74
23 09 23 00-0039 EA Install And Wire AHU Smoke Detector Or Fire Alarm Relay .....	99.63	38.84
23 09 23 00-0040 EA Install And Wire AHU Electropneumatic Transducer .....	71.13	25.87
23 09 23 00-0041 EA Install And Wire Electric Heat Or Sequencer .....	170.77	51.74
23 09 23 00-0042 EA Install And Wire Connection To Outdoor Compressor .....	398.45	38.84
23 09 23 00-0043 EA Install And Wire AHU Magnahelic .....	142.34	25.87
23 09 23 00-0044 EA Install And Wire AHU Wireway For Control Enclosure .....	170.77	51.74
23 09 23 00-0045 EA Wire And Assemble AHU Control Enclosure .....	313.10	
Note: Includes installing all panel devices for a medium size panel.		
23 09 23 00-0046 EA Field Install And Wire VAV Controller .....	113.84	51.74
Note: Use when VAV box is previously installed.		
23 09 23 00-0047 EA Shop Install And Wire VAV Controller .....	99.63	
23 09 23 00-0048 EA Install And Wire VAV Power Supply .....	42.71	25.87
23 09 23 00-0049 EA Wire VAV Fan In Parallel Or Series Fan Box .....	56.93	25.87
23 09 23 00-0050 EA Install And Wire Fan Coil Unit Controller .....	284.61	77.62
23 09 23 00-0051 EA Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller .....	85.42	
23 09 23 00-0052 EA Install And Wire Central Plant Controller .....	398.45	232.86
Note: For programmable DDC controller.		
23 09 23 00-0053 EA Mount Central Plant Enclosure For DDC Control Enclosure .....	156.55	25.87
Note: For programmable DDC controller.		
23 09 23 00-0054 EA Install Central Plant Power Supply For DDC Programmable Controller .....	113.84	51.74
23 09 23 00-0055 EA Install Central Plant Wireway For Programmable Controller .....	170.77	51.74
23 09 23 00-0056 EA Install And Wire Chiller Controls For Enable And Setpoint Controls .....	341.53	77.62
23 09 23 00-0057 EA Install And Wire Chiller Flow Switch .....	341.53	155.24
23 09 23 00-0058 EA Install And Wire Chiller DP Transmitter .....	1,280.78	77.62
Note: Includes installing copper tubing connection to water piping.		
23 09 23 00-0059 EA Install And Wire Boiler Controls For Enable And Alarm .....	256.18	77.62
23 09 23 00-0060 EA Install And Wire Boiler Safeties .....	256.18	77.62
Note: For high water, low water and flame safeguard.		
23 09 23 00-0061 EA Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall .....	569.21	323.45
23 09 23 00-0062 EA Wire And Terminate Combustion Air Damper .....	711.56	51.74
23 09 23 00-0063 EA Wire Oil Tank Interlock For Oil Boiler .....	355.74	51.74
23 09 23 00-0064 EA Install And Wire Boiler Emergency Stop Switch .....	711.56	155.24
23 09 23 00-0065 EA Wire And Terminate Temperature Well Sensor .....	71.13	38.84
Note: Excludes well.		
23 09 23 00-0066 EA Install And Wire Strap On Sensor .....	170.77	38.84
23 09 23 00-0067 EA Install And Wire CO2 Sensor For Room Or Space .....	142.34	38.84
Note: Excludes stub-up.		
23 09 23 00-0068 EA Install And Wire Valve Actuator .....	142.34	103.49
23 09 23 00-0069 EA Install And Wire Outside Air Temperature Sensor .....	256.18	77.62
23 09 23 00-0070 EA Install And Wire Outside Air Humidity Sensor .....	128.06	77.62
23 09 23 00-0071 EA Install And Wire Flow Sensor .....	313.10	155.24
23 09 23 00-0072 EA Install And Wire Pressure Sensor For Pump Or Building .....	313.10	155.24
23 09 23 00-0073 EA Install And Wire Pump Starter .....	170.77	38.84
23 09 23 00-0074 EA Install And Wire Pump VFD .....	313.10	77.62
23 09 23 00-0075 EA Install And Wire Pump DP Switch .....	426.95	155.24
Note: Includes installing copper tubing connection to water piping.		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0076 EA Install And Wire System DP Transmitter.....	1,423.11	155.24
Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.		
23 09 23 00-0077 EA Mount Starter Sized Up To 100 HP.....	113.84	77.62
23 09 23 00-0078 EA Mount VFD Sized Up To 100 HP.....	284.61	258.73
23 09 23 00-0079 EA Install And Wire Cooling Tower Control Enclosure.....	512.30	155.24
23 09 23 00-0080 EA Install And Wire Vibration Switch For Cooling Tower.....	313.10	155.24
23 09 23 00-0081 EA Install And Wire Cooling Tower Basin Heater.....	170.77	155.24
23 09 23 00-0082 EA Install And Wire Basin Water Temperature Switch.....	170.77	77.62
23 09 23 00-0083 EA Install And Wire Cooling Tower Make-Up Water Valve.....	170.77	155.24
23 09 23 00-0084 EA Install And Wire Cooling Tower Make-Up Water Valve.....	170.77	155.24
23 09 23 00-0085 EA Install And Wire Refrigerant Monitor Panel.....	853.89	323.45
23 09 23 00-0086 EA Install And Wire Break Glass Switch.....	170.77	77.62
23 09 23 00-0087 EA Install And Wire Horn/Strobe For Refrigerant Monitor.....	128.06	51.74
23 09 23 00-0088 EA Install And Wire Damper Actuator.....	170.77	51.74
23 09 23 00-0089 EA Install And Wire Chemical Feed System.....	1,423.11	323.45
23 09 23 00-0090 EA Wire And Assemble Control Enclosure.....	341.53	
Note: Includes installing all panel devices in large size panel.		
23 09 23 00-0091 EA Install And Wire Exhaust Fan DDC Control.....	355.74	64.72
Note: Start or stop and status.		
23 09 23 00-0092 EA Install And Wire Exhaust Fan Thermostat Control.....	113.84	38.84
23 09 23 00-0093 EA Wire Lighting Contactor (Contactor Installed By Others).....	355.74	51.74
23 09 23 00-0094 EA Wire And Terminate Unit Heater.....	113.84	38.84
23 09 23 00-0095 EA Wire Domestic Water Heater For Enable Or Disable.....	355.74	51.74
23 09 23 00-0096 EA Wire And Install Current Transformer KWH Meter (With Power Off).....	1,138.50	310.48
23 09 23 00-0097 EA Wire Water Meter (Meter Installed By Others).....	1,138.50	77.62
23 09 23 00-0098 EA Wire Gas Meter (Meter Installed By Others).....	1,138.50	77.62
23 09 23 00-0099 EA Install Wireless Receiver And Wire To DDC Controls.....	142.34	51.74
23 09 23 00-0100 EA Install Wireless Sensor.....	28.49	12.97
23 09 23 00-0101 EA Wire Split System AC Thermostat.....	569.21	38.84
23 09 23 00-0102 EA Wire Sump Pump Monitor Status Switch.....	426.95	77.62
23 09 23 00-0103 EA Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor.....	20.70	10.35
23 09 23 00-0104 EA Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor.....	384.24	155.24
<b>23 09 23 00-0105 Honeywell Controls (23 09 23)</b>		
<b>23 09 23 00-0106 EMCS Central Equipment And Controllers (23 09 23 00-0105)</b>		
<b>23 09 23 00-0107 EMCS Network Area Controllers (BACnet Or Lon) (23 09 23 00-0106)</b>		
Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 00-0108 EA Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004).....	6,484.62	336.35
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.		
23 09 23 00-0109 EA Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022).....	4,478.77	336.35
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).		
23 09 23 00-0110 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201).....	3,461.91	336.35
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.		
23 09 23 00-0111 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ).....	4,271.09	336.35
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.		
23 09 23 00-0112 EA Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN).....	3,434.05	336.35
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.		
23 09 23 00-0113 EA Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU).....	3,434.05	336.35
Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.		
23 09 23 00-0114 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B).....	3,713.91	336.35
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0115 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU).....	4,007.69	336.35
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0116 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N).....	3,713.91	336.35
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0117 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	4,007.69	336.35
Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0118 EA 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B).....	4,010.23	336.35
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0119 EA 34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.).....	4,304.01	336.35
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 00-0120 EA 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) .....	4,010.23	336.35
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0121 EA 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) .....	4,304.01	336.35
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 00-0122 EA Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX).....	4,257.16	336.35
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 00-0123 EA Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only).....	5,238.56	336.35
Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 00-0124 EA Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) .....	5,541.21	336.35
Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 00-0125 EA Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ).....	6,522.61	336.35
Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 00-0126 EA Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX).....	5,555.14	336.35
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.		
23 09 23 00-0127 EA Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) .....	7,425.49	336.35
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.		
<b>23 09 23 00-0128</b>	<b>EMCS Network Interfaces <small>(23 09 23 00-0106)</small></b>	
Note: Includes installation, start-up and tech labor.		
23 09 23 00-0129 EA Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) .....	924.85	93.15
Note: For desktop computer.		
23 09 23 00-0130 EA Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009).....	788.72	62.10
Note: For laptop computer.		
23 09 23 00-0131 EA FTT-10 To FTT-10 Router (Honeywell Q7751A2010) .....	1,008.79	116.46
23 09 23 00-0132 EA 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002) .....	1,534.94	168.22
23 09 23 00-0133 EA Two Way Lon Repeater (Honeywell Q7740A1008) .....	801.74	168.22
23 09 23 00-0134 EA FTT Termination Module For Network Bus (Honeywell 209541B).....	59.73	20.70
<b>23 09 23 00-0135</b>	<b>DDC Application Specific Controller Assemblies <small>(23 09 23 00-0106)</small></b>	
Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 00-0136 EA Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies .....	1,503.09	481.25
23 09 23 00-0137 EA >10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,244.35	284.95
23 09 23 00-0138 EA Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies .....	1,611.76	481.25
23 09 23 00-0139 EA >10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies .....	1,353.03	313.24
23 09 23 00-0140 EA Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies .....	1,777.81	535.61
23 09 23 00-0141 EA >10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies .....	1,583.73	401.56
23 09 23 00-0142 EA Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies .....	2,158.12	535.61
23 09 23 00-0143 EA >10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies .....	1,886.49	409.84
23 09 23 00-0144 EA Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies .....	1,336.16	535.61
23 09 23 00-0145 EA >10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,077.42	316.69
23 09 23 00-0146 EA Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies .....	1,478.50	535.61
23 09 23 00-0147 EA >10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,219.70	356.71
23 09 23 00-0148 EA Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies .....	1,767.85	535.61
23 09 23 00-0149 EA >10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies .....	1,503.95	316.00
23 09 23 00-0150 EA Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,910.19	535.61
23 09 23 00-0151 EA >10 Field Installed Application Specific Fan Coil Unit Controller Assemblies .....	1,646.21	356.01
23 09 23 00-0152 EA Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	2,221.10	535.61
23 09 23 00-0153 EA >10 Factory Installed Application Specific Unit Ventilator Controller Assemblies .....	1,985.69	342.22
23 09 23 00-0154 EA Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,505.78	535.61
23 09 23 00-0155 EA >10 Field Installed Application Specific Unit Ventilator Controller Assemblies .....	2,270.30	400.86

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 09 23 00-0156 DDC Programmable Controller Assemblies</b> <small>(23 09 23 00-0106)</small>		
Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 00-0163 for additional components.		
23 09 23 00-0157 EA 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,535.46	411.42
23 09 23 00-0158 EA Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,775.57	411.42
23 09 23 00-0159 EA 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	2,368.45	483.87
23 09 23 00-0160 EA Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	2,608.56	483.87
23 09 23 00-0161 EA 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,286.79	566.66
23 09 23 00-0162 EA Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,564.35	566.66
<b>23 09 23 00-0163 EMCS Optional DDC Controller Hardware</b> <small>(23 09 23 00-0106)</small>		
Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 00-0164 EA 6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005).....	288.72	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 00-0165 EA 6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	333.68	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 00-0166 EA 3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001).....	349.50	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 00-0167 EA VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	329.88	
23 09 23 00-0168 EA VAV Controller With Internally Wired Subbase (Honeywell W7751D2016).....	334.94	
23 09 23 00-0169 EA VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	327.34	
23 09 23 00-0170 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	281.76	
23 09 23 00-0171 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004).....	245.03	
23 09 23 00-0172 EA Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002).....	359.00	
23 09 23 00-0173 EA Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000).....	321.01	
23 09 23 00-0174 EA Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	354.57	
23 09 23 00-0175 EA Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	752.83	
23 09 23 00-0176 EA Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	936.44	
23 09 23 00-0177 EA Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	467.91	
23 09 23 00-0178 EA Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010).....	460.94	
23 09 23 00-0179 EA Hydronic Controller Without Wall Module (Honeywell W7762B1027).....	226.04	
23 09 23 00-0180 EA Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	257.06	
23 09 23 00-0181 EA IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001).....	474.87	
23 09 23 00-0182 EA IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001).....	507.79	
23 09 23 00-0183 EA AI Module (Honeywell XFL521B).....	317.85	
23 09 23 00-0184 EA AO Module (Honeywell XFL522B).....	317.85	
23 09 23 00-0185 EA DI Module (Honeywell XFL523B).....	317.85	
23 09 23 00-0186 EA DO Module (Honeywell XFL524B).....	317.85	
23 09 23 00-0187 EA Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511).....	56.35	
23 09 23 00-0188 EA Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513).....	106.37	
23 09 23 00-0189 EA Distributed IO, Terminal Block For DO Modules (Honeywell XSL514).....	104.47	
23 09 23 00-0190 EA Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI).....	319.75	
23 09 23 00-0191 EA Lon Hub (Honeywell XIO-HUB).....	47.49	
23 09 23 00-0192 EA Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	319.75	
23 09 23 00-0193 EA Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI).....	294.42	
23 09 23 00-0194 EA Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	294.42	
23 09 23 00-0195 EA Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	310.25	
23 09 23 00-0196 EA Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000).....	310.25	
23 09 23 00-0197 EA Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI).....	446.38	
23 09 23 00-0198 EA 16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	526.79	
Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
23 09 23 00-0199 EA 34 Point IO Module For Network Area Controllers (Honeywell W7750A2005).....	1,119.43	
Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		
<b>23 09 23 00-0200 EMCS Software</b> <small>(23 09 23 00-0105)</small>		
<b>23 09 23 00-0201 Software Packages And License</b> <small>(23 09 23 00-0200)</small>		
Note: Includes installation on equipment.		
23 09 23 00-0202 EA On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....	357.10	
Note: Requires UI services to be installed on NAC.		
23 09 23 00-0203 EA Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....	1,371.22	
Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 00-0204 EA WEBStation-AX Software For Windows (Honeywell WEB-S-AX).....	3,988.91	
Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
23 09 23 00-0205 EA Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....	2,374.35	
Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
23 09 23 00-0206 EA Upgrade Small Building To Large Building Software.....	2,700.86	
Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
23 09 23 00-0207 EA Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W).....	1,897.83	
Note: One copy is included with WEB-S-AX and WEBStation-AX.		
23 09 23 00-0208 EA WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX).....	3,382.59	
Note: Includes license for 10 points of E <sup>2</sup> Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E <sup>2</sup> Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0209 EA Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E <sup>2</sup> Profiler Points (Honeywell WES-CP-AX) ..... 441.57 Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	441.57	
23 09 23 00-0210 EA Perpetual License For One Point Of E <sup>2</sup> Profiler (Honeywell WES-E2-AX) ..... 292.77 Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	292.77	
23 09 23 00-0211 EA Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters ..... 18,327.70 Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	18,327.70	
23 09 23 00-0212 EA Annual Maintenance For Enterprise WEBS-AX Energy Suite (Honeywell WES-M1-ENT-AX) ..... 16,720.89 Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	16,720.89	
23 09 23 00-0213 EA Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX) ..... 6,360.73	6,360.73	
23 09 23 00-0214 EA Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS) ..... 4,746.17	4,746.17	
23 09 23 00-0215 EA Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500) ..... 1,372.06	1,372.06	
23 09 23 00-0216 EA Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500) ..... 1,372.06	1,372.06	
23 09 23 00-0217 EA Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) ..... 9,497.40 Note: Excludes Oracle.	9,497.40	
23 09 23 00-0218 EA Open System Driver Option (Honeywell WS-SNMP-500) ..... 1,266.32 Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	1,266.32	
23 09 23 00-0219 EA Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500) ..... 1,372.06	1,372.06	
23 09 23 00-0220 EA WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) ..... 3,588.12 Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	3,588.12	
23 09 23 00-0221 EA WEBStation Additional Node (Honeywell ZW2000B1002) ..... 1,372.06	1,372.06	
23 09 23 00-0222 EA WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001) ..... 23,005.24	23,005.24	
23 09 23 00-0223 EA WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000) ..... 42,210.88	42,210.88	
23 09 23 00-0224 EA WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009) ..... 73,868.88	73,868.88	
23 09 23 00-0225 EA Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008) ..... 3,798.96	3,798.96	
23 09 23 00-0226 EA Additional Master WEBStation Software Licenses (Honeywell ZW200G1007) ..... 1,899.48	1,899.48	
23 09 23 00-0227 EA Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001) ..... 1,507.81	1,507.81	
23 09 23 00-0228 EA Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) ..... 1,656.15 Note: As with other WEBS, capacity is limited by the characteristics of the application including size and complexity.	1,656.15	
<b>23 09 23 00-0229 Initial Database Generation (23 09 23 00-0200)</b>		
23 09 23 00-0230 PNT Database Generation For Central Plant ..... 46.30	46.30	
23 09 23 00-0231 PNT Database Generation For Programmable Controller ..... 46.30 Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	46.30	
23 09 23 00-0232 EA Database Generation For Application Specific Controller ..... 46.30 Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	46.30	
23 09 23 00-0233 EA Replication Of Database Generation For Application Specific Controller ..... 32.22 Note: Price per copy made.	32.22	
23 09 23 00-0234 EA Database Generation For Remote IO Modules, Sensors, Etcetera ..... 32.22	32.22	
<b>23 09 23 00-0235 Application Software Programs (23 09 23 00-0200)</b>		
23 09 23 00-0236 EA Basic Application Program Package ..... 1,931.87 Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	1,931.87	
23 09 23 00-0237 EA Optimum Start/Stop Program ..... 64.58 Note: Priced per controller requiring optimum start programming.	64.58	
23 09 23 00-0238 EA Duty Cycling Program ..... 30.49	30.49	
23 09 23 00-0239 EA Hot Deck/Cold Deck Reset Application Program ..... 3,318.89	3,318.89	
23 09 23 00-0240 EA Boiler Optimization Program ..... 4,349.21	4,349.21	
23 09 23 00-0241 EA Chiller Optimization Program ..... 5,891.44	5,891.44	
23 09 23 00-0242 EA Lighting Control Program ..... 2,842.98	2,842.98	
23 09 23 00-0243 EA Demand Limiting Program ..... 56.64 Note: Priced per controller requiring optimum start programming.	56.64	
23 09 23 00-0244 EA Email Alarm Server Configuration ..... 2,193.24	2,193.24	
<b>23 09 23 00-0245 Color Graphics Generation (23 09 23 00-0200)</b>		
Note: Priced per page.		
23 09 23 00-0246 EA Single Site Home Page Graphics Page With HTML Navigation Code ..... 1,157.61	1,157.61	
23 09 23 00-0247 EA Multi Site Home Page Graphics Page With HTML Navigation Code ..... 2,055.31	2,055.31	
23 09 23 00-0248 EA Color Graphics Page For Central Plant ..... 525.96	525.96	
23 09 23 00-0249 EA Color Graphics Page For Building Floor Plan ..... 485.66	485.66	
23 09 23 00-0250 EA Replication Of Color Graphics Page For Central Plant ..... 263.84	263.84	
23 09 23 00-0251 EA Color Graphics Page For Programmable Controller ..... 591.71 Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	591.71	
23 09 23 00-0252 EA Replication Of Color Graphics Page For Programmable Controller ..... 126.54 Note: Priced per copy made.	126.54	
23 09 23 00-0253 EA Color Graphics Page For Application Specific Controller ..... 547.27 Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	547.27	
23 09 23 00-0254 EA Replication Of Color Graphics Page For Application Specific Cont ..... 54.72 Note: Priced per copy made.	54.72	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0255			<b>Sensors, Actuators And Control Devices</b> (23 09 23 00-0105) Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 00-0256			<b>Special Sensors</b> (23 09 23 00-0255)		
23 09 23 00-0257	EA		Dewpoint Sensor (Honeywell C7232B1014).....	1,135.34	42.71
23 09 23 00-0258	EA		Enthalpy Sensor -25 To 125 F.....	1,184.27	42.71
23 09 23 00-0259	EA		Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002).....	547.99	85.42
23 09 23 00-0260	EA		Freezestat (Honeywell L482A1004).....	380.09	142.34
23 09 23 00-0261	EA		Wall Mounted Occupancy Sensor.....	269.82	42.71
23 09 23 00-0262	EA		Ceiling Mounted Occupancy Sensor.....	215.89	42.71
23 09 23 00-0263	EA		I/P Positioner With Gauge.....	254.04	42.71
23 09 23 00-0264	EA		Non Communicating Duct Mounted Smoke Detector With Sampling Tube.....	304.30	42.71
23 09 23 00-0265	EA		EP Transducer.....	254.04	28.49
23 09 23 00-0266	EA		Electric Heat Sequencer.....	404.56	56.93
23 09 23 00-0267			<b>Meters</b> (23 09 23 00-0255)		
23 09 23 00-0268	EA		KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps.....	2,589.65	341.53
23 09 23 00-0269	EA		KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps With LON interface.....	3,766.60	398.45
23 09 23 00-0270	EA		Current Transformer For KW Meter 1 - 300 Amps.....	910.27	142.34
23 09 23 00-0271	EA		Current Transformer For KW Meter 300 - 800 Amps.....	1,036.32	142.34
23 09 23 00-0272	EA		Current Transformer For KW Meter 800 - 2,400 Amp.....	1,278.08	142.34
23 09 23 00-0273			<b>Direct Coupled Actuators</b> (23 09 23 00-0255)		
23 09 23 00-0274	EA		44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002).....	351.67	56.37
23 09 23 00-0275	EA		88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	387.19	56.37
23 09 23 00-0276	EA		175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209).....	448.25	56.37
23 09 23 00-0277	EA		44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	330.89	56.37
23 09 23 00-0278	EA		88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	369.09	56.37
23 09 23 00-0279	EA		175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	406.91	56.37
23 09 23 00-0280	EA		44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator.....	371.18	56.37
23 09 23 00-0281	EA		88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	425.63	56.37
23 09 23 00-0282	EA		175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	484.42	56.37
23 09 23 00-0283	EA		44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209).....	302.56	56.37
23 09 23 00-0284	EA		88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	331.56	56.37
23 09 23 00-0285	EA		175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	389.82	56.37
23 09 23 00-0286	EA		175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007).....	417.24	56.37
23 09 23 00-0287	EA		300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	416.90	56.37
23 09 23 00-0288	EA		300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008).....	492.10	56.37
23 09 23 00-0289	EA		Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	314.44	56.37
23 09 23 00-0290	EA		Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	548.72	56.37
23 09 23 00-0291	EA		Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator.....	237.38	56.37
23 09 23 00-0292	EA		Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	360.59	56.37
23 09 23 00-0293			<b>CO2 Sensors</b> (23 09 23 00-0255)		
23 09 23 00-0294	EA		CO2 Sensors Field Equipment, Sensors.....	257.77	25.56
23 09 23 00-0295			<b>Switches</b> (23 09 23 00-0255)		
23 09 23 00-0296	EA		Air Pressure/Static Switch Field Equipment, Switches.....	144.09	31.95
23 09 23 00-0297	EA		Water Pressure/Flow Switch Field Equipment, Switches.....	167.00	31.95
23 09 23 00-0298			<b>Miscellaneous Devices</b> (23 09 23 00-0255)		
23 09 23 00-0299	EA		Contactors 20 Amp Field Equipment.....	168.23	51.64
23 09 23 00-0300	EA		Contactors 30 Amp Field Equipment.....	254.62	68.86
23 09 23 00-0301			<b>Network Manager Main Controller</b> (23 09 23 00-0255) Note: Landis & Staefa.		
23 09 23 00-0302	EA		Network Manager, Without Enclosure (NCRE/A).....	8,375.51	413.15
23 09 23 00-0303			<b>Control Cards (Smart-cards)</b> (23 09 23 00-0255) Note: Landis & Staefa.		
23 09 23 00-0304	EA		Smart-Card With Base And Cover (091-60230-410).....	606.29	68.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 09 23 00-0305</b> <b>Data Transmission Media</b> <small>(23 09 23 00-0265)</small>		
<b>23 09 23 00-0306</b> <b>Terminal Equipment Controllers</b> <small>(23 09 23 00-0305)</small>		
Note: Landis & Staefa.		
23 09 23 00-0307    EA    TEC, Variable Air Volume Without Heating Hot Water Valve.....	1,909.59	319.17
Note: Includes temperature sensors and damper actuator.		
For No Smart-Card, Deduct	-391.00	
23 09 23 00-0308    EA    TEC, Variable Air Volume With Heating Hot Water Valve .....	2,204.79	319.17
Note: Includes temperature sensors, water valve actuator and damper actuator.		
For No Smart-Card, Deduct	-391.00	
<b>23 09 23 00-0309</b> <b>Thermostats</b> <small>(23 09 23 00-0105)</small>		
<b>23 09 23 00-0310</b> <b>Electric And Electronic Thermostats</b> <small>(23 09 23 00-0309)</small>		
Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 00-0311    EA    Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018) .....	119.94	10.35
23 09 23 00-0312    EA    Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320) .....	128.94	10.35
23 09 23 00-0313    EA    Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110) .....	118.94	10.35
23 09 23 00-0314    EA    Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220) .....	132.64	10.35
23 09 23 00-0315    EA    Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320) .....	142.94	10.35
23 09 23 00-0316    EA    Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321) .....	208.94	10.35
23 09 23 00-0317    EA    Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	302.94	10.35
23 09 23 00-0318    EA    Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	488.78	10.35
23 09 23 00-0319    EA    Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M) .....	521.07	10.35
<b>23 09 23 00-0320</b> <b>Pneumatic Thermostats</b> <small>(23 09 23 00-0309)</small>		
Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 00-0321    EA    Pneumatic Thermostat (Honeywell TP970B2182) .....	164.17	10.35
<b>23 09 23 00-0322</b> <b>Thermostats Guards</b> <small>(23 09 23 00-0309)</small>		
23 09 23 00-0323    EA    9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	40.15	10.35
23 09 23 00-0324    EA    7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511) .....	47.65	10.35
23 09 23 00-0325    EA    5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	44.95	10.35
<b>23 09 23 00-0326</b> <b>Delta Controls</b> <small>(23 09 23)</small>		
<b>23 09 23 00-0327</b> <b>Software</b> <small>(23 09 23 00-0326)</small>		
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0328    EA    Orca Software Unlimited Points License (Delta Controls DOW333-USB) .....	1,267.50	
23 09 23 00-0329    EA    Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB) .....	2,104.74	
23 09 23 00-0330    EA    Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB) .....	4,560.27	
23 09 23 00-0331    EA    Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB) .....	7,230.93	
23 09 23 00-0332    EA    Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB) .....	3,723.03	
23 09 23 00-0333    EA    Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB).....	1,267.50	
23 09 23 00-0334    EA    100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01) .....	3,021.45	
23 09 23 00-0335    EA    1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02) .....	3,723.03	
23 09 23 00-0336    EA    KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amp CT's And BACnet MS/TP Interface (Delta Controls H8186-CB).....	1,335.37	68.99
23 09 23 00-0337    EA    Delta Controls Touch Screen (Delta Controls DHMI-7-I) .....	1,430.76	
<b>23 09 23 00-0338</b> <b>EMCS Central Equipment And Controllers</b> <small>(23 09 23 00-0326)</small>		
23 09 23 00-0339    EA    Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616).....	4,721.27	275.98
23 09 23 00-0340    EA    Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E) .....	3,598.74	275.98
23 09 23 00-0341    EA    Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) .....	2,663.89	275.98
23 09 23 00-0342    EA    Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180).....	2,663.89	275.98

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0343 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) .....	2,663.89	275.98
23 09 23 00-0344 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	2,492.93	275.98
23 09 23 00-0345 EA VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF) .....	862.42	138.00
23 09 23 00-0346 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) .....	787.00	138.00
23 09 23 00-0347 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	837.04	138.00
23 09 23 00-0348 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) .....	787.00	138.00
23 09 23 00-0349 EA Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616) .....	1,812.49	172.49
23 09 23 00-0350 EA Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440) .....	459.88	68.99
23 09 23 00-0351 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404) .....	491.68	68.99
23 09 23 00-0352 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600) .....	574.15	68.99
<b>23 09 23 00-0353 Network, VAV And Special Sensors</b> (23 09 23 00-0326)		
23 09 23 00-0354 EA BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24) .....	149.86	22.08
23 09 23 00-0355 EA BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24) .....	202.42	24.84
23 09 23 00-0356 EA Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B) .....	393.36	10.35
<b>23 09 23 00-0357 Trane Controls</b> (23 09 23)		
<b>23 09 23 00-0358 Software</b> (23 09 23 00-0357)		
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0359 EA Summit + Building Management Package (Trane 40201152).....	2,138.14	
23 09 23 00-0360 EA Summit Current Version Software (Trane 40201111) .....	2,148.25	
23 09 23 00-0361 EA Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113) .....	513.92	
23 09 23 00-0362 EA Rover Service Software And Hardware, Complete Kit (Trane X1365150001) .....	1,600.26	
23 09 23 00-0363 EA Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMS000AAA11000) .....	5,864.62	
<b>23 09 23 00-0364 EMCS Central Equipment And Controllers</b> (23 09 23 00-0357)		
23 09 23 00-0365 EA Summit BTMX Operator Display Upgrade (Trane 40201224).....	3,471.72	275.98
23 09 23 00-0366 EA Summit BTMX Retrofit Kit For BMTS And BMWV BCU (Trane 49500531) .....	7,642.63	275.98
23 09 23 00-0367 EA Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532).....	7,642.63	275.98
23 09 23 00-0368 EA Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00) .....	6,736.98	275.98
23 09 23 00-0369 EA Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10) .....	7,789.97	275.98
23 09 23 00-0370 EA Summit CCP Upgrade ROM Kit (Trane 40201095) .....	121.41	17.25
23 09 23 00-0371 EA Summit Comm5 Repeater (Trane 49500457) .....	938.45	138.00
23 09 23 00-0372 EA AHU Controller MP580/581 E Board Only (Trane 40201157).....	1,572.86	172.49
23 09 23 00-0373 EA AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01) .....	2,013.13	206.99
23 09 23 00-0374 EA AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00).....	1,594.64	206.99
23 09 23 00-0375 EA AHU Controller MP581 Operator Door Display (Trane 40201156) .....	1,358.53	206.99
23 09 23 00-0376 EA AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491).....	1,356.71	206.99
23 09 23 00-0377 EA Controller MP503 I/O Module With Metal Enclosure (Trane 49500590) .....	603.82	68.99
23 09 23 00-0378 EA Controller MP503 I/O Module With Plastic Cover (Trane 49500490).....	551.80	68.99
23 09 23 00-0379 EA Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500).....	999.62	138.00
23 09 23 00-0380 EA Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499) .....	956.48	138.00
23 09 23 00-0381 EA 2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569) .....	532.74	68.99
23 09 23 00-0382 EA 2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469).....	470.11	68.99
23 09 23 00-0383 EA 4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596) .....	686.88	68.99
23 09 23 00-0384 EA 4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496).....	624.58	68.99
23 09 23 00-0385 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049).....	538.32	68.99
23 09 23 00-0386 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496) .....	514.17	68.99
23 09 23 00-0387 EA Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570) .....	587.85	68.99
23 09 23 00-0388 EA Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470) .....	538.32	68.99
23 09 23 00-0389 EA DDC VAV Retrofit Kit (Trane VRTODD01) .....	763.90	138.00
23 09 23 00-0390 EA DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO) .....	825.51	138.00
<b>23 09 23 00-0391 Network, VAV And Special Sensors</b> (23 09 23 00-0357)		
23 09 23 00-0392 EA Digital Display Zone Sensor (Trane X13790464010).....	119.72	22.08
23 09 23 00-0393 EA Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010) .....	86.34	22.08
23 09 23 00-0394 EA Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010).....	76.86	22.08
23 09 23 00-0395 EA Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01).....	144.77	24.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0396 EA Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121).....	95.13	22.08
23 09 23 00-0397 EA Zone Sensor LCD O/C Setpoint (Trane 41901120).....	95.13	22.08
23 09 23 00-0398 EA Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010).....	439.57	39.75
23 09 23 00-0399 EA Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010).....	350.69	22.08
23 09 23 00-0400 EA Transformer 120/24 40 VA (Trane X13550284010).....	84.13	22.08
23 09 23 00-0401 EA Transformer 24 Volt AC Wall Plug-In (Trane 35803005).....	69.58	22.08
23 09 23 00-0402 EA Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022).....	66.37	22.08
23 09 23 00-0403 EA Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010).....	850.35	274.85
23 09 23 00-0404 EA Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010).....	817.12	274.85
23 09 23 00-0405 EA Controller UC400 XM32 Module (4 Relay) (Trane X13651563010).....	708.93	274.85
23 09 23 00-0406 EA Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010).....	1,222.26	412.25
23 09 23 00-0407 EA Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010).....	709.34	274.85
23 09 23 00-0408 EA Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011).....	782.94	274.85
23 09 23 00-0409 EA Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011).....	743.14	274.85
23 09 23 00-0410 EA Controller Optional Metal Enclosure, UC210 (Trane 501898).....	291.69	137.40
23 09 23 00-0411 EA Controller UC400 PM014 24 Volt AC To 1.4 Amp 24 Volt DC (Trane X1365153801).....	384.42	137.40
23 09 23 00-0412 EA Controller Tracer UC600 Controller (Trane BMUC600AAA0100011).....	1,335.85	412.25
23 09 23 00-0413 EA Controller UC600 Tracer TD7 Display (Trane X13651571010).....	1,307.67	412.25
23 09 23 00-0414 EA Controller UC600 TD7 Mounting Bracket (Trane X05010511010).....	81.64	27.50
23 09 23 00-0415 EA Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010).....	269.07	49.47
23 09 23 00-0416 EA SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010).....	1,351.61	412.25
23 09 23 00-0417 EA BACnet Term (2 Pack) (Trane X1365152401).....	129.72	49.47
23 09 23 00-0418 EA Tracer ES Add License (Trane X40250125010).....	2,767.07	1,099.31
23 09 23 00-0419 EA Kit - Tracer TU For Controls (Trane X4509151201).....	4,057.27	1,099.24
23 09 23 00-0420 EA Kit - Tracer TU Complete (Trane X4509151301).....	5,167.83	1,099.24
23 09 23 00-0421 EA Tracer TU Adapter Wired/Wireless (Trane X13651529010).....	311.26	49.47
23 09 23 00-0422 EA Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010).....	170.09	49.47
23 09 23 00-0423 EA Sensor Wireless Display Sensor ( Trane X13790822010).....	187.52	49.47
23 09 23 00-0424 EA Sensor Wireless Receiver, 100mW (Trane X13790854010).....	182.01	49.47
23 09 23 00-0425 EA Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010).....	275.55	49.47
23 09 23 00-0426 EA Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010).....	299.36	49.47
23 09 23 00-0427 Johnson Controls (23 09 23)		
23 09 23 00-0428 Software (23 09 23 00-0427)		
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0429 EA 5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	10,187.45	
23 09 23 00-0430 EA 10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	12,045.58	
23 09 23 00-0431 EA N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	608.00	
23 09 23 00-0432 EA N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	914.22	
23 09 23 00-0433 EA BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	1,608.89	
23 09 23 00-0434 EA BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	613.18	
23 09 23 00-0435 EA New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0).....	610.09	
23 09 23 00-0436 EA Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6).....	230.95	
23 09 23 00-0437 Supervisory Controllers (23 09 23 00-0427)		
23 09 23 00-0438 EA NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	4,604.90	275.98
23 09 23 00-0439 EA NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	7,055.45	275.98
23 09 23 00-0440 EA NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	9,511.43	275.98
23 09 23 00-0441 EA NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	3,660.96	275.98
23 09 23 00-0442 Controllers (23 09 23 00-0427)		
23 09 23 00-0443 EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	536.39	68.99
23 09 23 00-0444 EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	699.79	138.00
23 09 23 00-0445 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	926.97	138.00
23 09 23 00-0446 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,090.36	138.00
23 09 23 00-0447 EA BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	442.65	68.99
23 09 23 00-0448 EA BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	484.31	68.99
23 09 23 00-0449 EA BACnet MS/TP 12 Point I/O Module With 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	546.81	68.99
23 09 23 00-0450 EA 17 Point I/O Module With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	555.14	68.99
23 09 23 00-0451 EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (Cooling Only), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1610-0).....	531.07	68.99
23 09 23 00-0452 EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (With Reheat And Fan Control), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1620-0).....	555.36	68.99

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0453 EA BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	1,132.88	138.00
<b>23 09 23 00-0454 Master FX Controllers (23 09 23 00-0427)</b>		
23 09 23 00-0455 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	1,420.34	138.00
23 09 23 00-0456 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	1,519.17	138.00
23 09 23 00-0457 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	1,568.28	138.00
23 09 23 00-0458 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	1,538.44	138.00
23 09 23 00-0459 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	1,491.79	138.00
23 09 23 00-0460 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	1,499.27	138.00
23 09 23 00-0461 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	1,491.79	138.00
23 09 23 00-0462 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	1,519.28	138.00
23 09 23 00-0463 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	1,604.63	138.00
23 09 23 00-0464 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	1,661.53	138.00
23 09 23 00-0465 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	1,633.08	138.00
23 09 23 00-0466 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C).....	1,574.84	138.00
23 09 23 00-0467 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C).....	1,519.28	138.00
23 09 23 00-0468 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C).....	1,604.63	138.00
23 09 23 00-0469 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C).....	1,661.53	138.00
23 09 23 00-0470 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C).....	1,633.08	138.00
23 09 23 00-0471 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C).....	1,574.84	138.00
23 09 23 00-0472 EA N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C).....	169.80	34.50
23 09 23 00-0473 EA LON Communication Card For FX16 (Johnson Controls LP-NET152-010C).....	239.82	34.50
23 09 23 00-0474 EA RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C).....	189.46	34.50
23 09 23 00-0475 EA BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C).....	169.80	34.50
23 09 23 00-0476 EA Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C).....	468.63	34.50
23 09 23 00-0477 EA Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C).....	432.61	34.50
23 09 23 00-0478 EA 5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C).....	441.04	34.50
23 09 23 00-0479 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C).....	441.04	34.50
23 09 23 00-0480 EA 5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C).....	483.17	34.50
23 09 23 00-0481 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C).....	483.17	34.50
23 09 23 00-0482 EA 6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C).....	604.28	34.50
23 09 23 00-0483 EA 6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C).....	604.28	34.50
23 09 23 00-0484 EA 6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C).....	672.73	34.50
23 09 23 00-0485 EA 6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C).....	672.73	34.50
<b>23 09 23 00-0486 VAV, Network And Special Sensors (23 09 23 00-0427)</b>		
23 09 23 00-0487 EA 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	314.86	22.08
23 09 23 00-0488 EA 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	108.25	22.08
23 09 23 00-0489 EA 3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	244.67	22.08
23 09 23 00-0490 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	363.81	22.08
23 09 23 00-0491 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	123.72	22.08
23 09 23 00-0492 EA 3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0).....	330.22	22.08
<b>23 09 23 00-0493 Sensors - Hard Wired Type (23 09 23 00-0427)</b>		
23 09 23 00-0494 EA Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	108.68	39.75
23 09 23 00-0495 EA Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	90.56	22.08
23 09 23 00-0496 EA BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2).....	246.04	10.35
23 09 23 00-0497 EA BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2).....	331.55	10.35
Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.		
Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability.		





	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 09 23 00-0498	EA BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2)..... Note: For VVT systems.	246.51	10.35
	23 09 23 00-0499	EA BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2) .....	322.59	22.08
	23 09 23 00-0500	EA BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR) .....	396.59	22.08
<b>23 09 23 00-0501 Automated Logic Controls <small>(23 09 23)</small></b>				
	23 09 23 00-0502	EA Up To 25 Point, High Speed Ethernet Router (Automated Logic LGR25) .....	2,492.17	220.78
	23 09 23 00-0503	EA Up To 250 Point, High Speed Ethernet Router (Automated Logic LGR250) .....	2,963.34	220.78
	23 09 23 00-0504	EA Up To 1,000 Point, High Speed Ethernet Router (Automated Logic LGR1000) .....	4,532.47	220.78
	23 09 23 00-0505	EA Up 25 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR25) .....	2,870.79	220.78
	23 09 23 00-0506	EA Up 200 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR200) .....	4,911.08	220.78
	23 09 23 00-0507	EA ME812u Controller And Router (Automated Logic ME812u-LGR) .....	6,667.07	441.57
	23 09 23 00-0508	EA 4 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEX48u) .....	1,892.71	220.78
	23 09 23 00-0509	EA 8 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEX88u) .....	2,235.56	220.78
	23 09 23 00-0510	EA 0 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEX016u) .....	2,039.94	220.78
	23 09 23 00-0511	EA 8 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEX816u) .....	4,526.70	551.97
	23 09 23 00-0512	EA 0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100) .....	1,921.72	165.59
	23 09 23 00-0513	EA 0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320) .....	4,376.92	496.77
	23 09 23 00-0514	EA 2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx) .....	1,358.01	165.59
	23 09 23 00-0515	EA 4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx) .....	2,786.65	220.78
	23 09 23 00-0516	EA 8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx) .....	2,744.58	220.78
	23 09 23 00-0517	EA 16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160) .....	4,479.53	441.57
	23 09 23 00-0518	EA 8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx) .....	2,471.14	220.78
	23 09 23 00-0519	EA 0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic MX0320) .....	2,443.36	165.59
	23 09 23 00-0520	EA 16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic MX16160) .....	4,227.12	441.57
	23 09 23 00-0521	EA No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642) .....	840.14	110.40
	23 09 23 00-0522	EA With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D) .....	882.20	110.40
	23 09 23 00-0523	EA 6 Digital Outputs, 10 Universal Inputs, 4 Analog Outputs Single Equipment Control Module (Automated Logic SE6104a) .....	2,815.31	386.38
	23 09 23 00-0524	EA 6 Digital Outputs, 16 Universal Inputs, 6 Analog Outputs Single Equipment Control Module (Automated Logic SE6166) .....	3,448.87	441.57
	23 09 23 00-0525	EA 2 Digital Outputs, 2 Universal Inputs Zone Controller (Automated Logic ZN220) .....	989.91	165.59
	23 09 23 00-0526	EA 2 Digital Outputs, 5 Universal Inputs, 3 Analog Outputs Zone Controller (Automated Logic ZN253) .....	1,151.87	165.59
	23 09 23 00-0527	EA 3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+) .....	907.44	110.40
	23 09 23 00-0528	EA 1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+) .....	888.51	110.40
	23 09 23 00-0529	EA 5 Digital Outputs, 5 Universal Inputs, 1 Analog Outputs Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic ZN551) .....	1,099.71	165.59
	23 09 23 00-0530	EA Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF) .....	996.22	165.59
	23 09 23 00-0531	EA Unlimited Points, Front End Software For Building Control (Automated Logic WC) .....	7,166.81	
	23 09 23 00-0532	EA 500 Point, Front End Software For Building Control (Automated Logic WC500) .....	2,833.80	
	23 09 23 00-0533	EA Advanced Reporting Option, Front End Software For Building Control (Automated Logic WC-ADV-REP) .....	1,393.33	
	23 09 23 00-0534	EA Advanced Security Option, Front End Software For Building Control (Automated Logic WC-ADV-SEC) .....	1,814.01	
	23 09 23 00-0535	EA Advanced Alarming Option, Front End Software For Building Control (Automated Logic WC-ADV-ALARM) .....	1,945.29	
	23 09 23 00-0536	EA Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE) .....	2,655.37	
<b>23 09 23 00-0537 Alerton Controls <small>(23 09 23)</small></b>				
	23 09 23 00-0538	EA 50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL) .....	4,135.47	
	23 09 23 00-0539	EA 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM) .....	6,408.42	
	23 09 23 00-0540	EA Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM) .....	15,913.46	
	23 09 23 00-0541	EA Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE) .....	11,987.46	
	23 09 23 00-0542	EA Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE) .....	30,584.28	
	23 09 23 00-0543	EA Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE) .....	18,186.39	
	23 09 23 00-0544	EA Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE) .....	36,783.21	
	23 09 23 00-0545	EA Alerton Building Suite Tech License (Alerton ABS-3-TECH) .....	1,041.65	
	23 09 23 00-0546	EA Enterprise Edition With SQL Server Support, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-ENT1) .....	14,078.57	
	23 09 23 00-0547	EA Unlimited Controllers, Unlimited Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-LRG) .....	10,353.01	
	23 09 23 00-0548	EA 150 Controllers, 3 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-MED) .....	6,379.49	
	23 09 23 00-0549	EA 50 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-SM) .....	4,017.69	
	23 09 23 00-0550	EA 10 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-XS) .....	1,573.89	
	23 09 23 00-0551	EA 1 Ethernet, 1 MS/TP, BACTalk Control Module (Alerton 715000100) .....	2,728.96	165.59
	23 09 23 00-0552	EA Foreign Protocol Converter For P1 Systems, BACTalk Control Module (Alerton BCM-FPCS) .....	3,604.17	220.78
	23 09 23 00-0553	EA Modbus Gateway, BACTalk Control Module (Alerton BCM-MDBS) .....	3,963.70	220.78
	23 09 23 00-0554	EA V.90/56K Modem, BACTalk Control Module (Alerton BCM-MDM) .....	1,509.83	165.59
	23 09 23 00-0555	EA 1 MS/TP, BACTalk Control Module (Alerton 715000300) .....	1,805.32	165.59
	23 09 23 00-0556	EA Power Supply, BACTalk Control Module (Alerton BCM-PWS) .....	1,418.91	165.59
	23 09 23 00-0557	EA 1 TUX Trunk, BACTalk Control Module (Alerton BCM-TUX) .....	1,609.02	165.59
	23 09 23 00-0558	EA Web Server And Configurator CD, BACTalk Control Module (Alerton BCM-WEB) .....	3,956.35	165.59
	23 09 23 00-0559	EA BACTalk Field Level Gateway For Modbus (Alerton FLG-MODBUS) .....	1,911.86	220.78
	23 09 23 00-0560	EA EXP BACnet Controller (Alerton VLX) .....	4,172.92	441.57
	23 09 23 00-0561	EA VLX BACnet High Performance Controller (Alerton VLX-PLATINUM) .....	4,819.68	441.57
	23 09 23 00-0562	EA Multiple Segment MS/TP Repeater (Alerton MSTP-REP) .....	561.97	49.17

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0563 EA 4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD).....	1,251.54	165.59
23 09 23 00-0564 EA 4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7).....	1,319.74	165.59
23 09 23 00-0565 EA 4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD).....	1,084.18	165.59
23 09 23 00-0566 EA 4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A).....	1,179.23	165.59
23 09 23 00-0567 EA 5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAVIH-SD).....	1,175.10	165.59
23 09 23 00-0568 EA 11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188).....	1,648.28	165.59
23 09 23 00-0569 EA 16 Inputs, BACtalk Field Controller (Alerton VLC-1600).....	1,303.20	165.59
23 09 23 00-0570 EA 16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160).....	1,928.39	220.78
23 09 23 00-0571 EA 4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444).....	866.05	110.40
23 09 23 00-0572 EA 5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550).....	841.25	110.40
23 09 23 00-0573 EA 6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R).....	1,185.42	165.59
23 09 23 00-0574 EA 6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R).....	1,185.42	165.59
23 09 23 00-0575 EA 8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853).....	1,359.00	165.59
23 09 23 00-0576 EA 16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688).....	2,593.74	220.78
23 09 23 00-0577 EA 2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362).....	1,224.68	165.59
23 09 23 00-0578 EA Wireless Door Contact Sensor (Alerton AL-OC-DS).....	80.06	6.21
23 09 23 00-0579 EA One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT).....	128.16	6.21
23 09 23 00-0580 EA One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT).....	252.15	6.21
23 09 23 00-0581 EA Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT).....	128.16	6.21
23 09 23 00-0582 EA Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT).....	252.15	6.21
23 09 23 00-0583 EA BACnet-Compliant Wall Sensor (Alerton TS-1050-BT).....	80.64	6.21
23 09 23 00-0584 EA Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT).....	341.00	6.21
23 09 23 00-0585 EA Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT).....	382.33	6.21
23 09 23 00-0586 EA 10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0).....	1,716.47	165.59
23 09 23 00-0587 EA 10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8).....	1,716.47	165.59
23 09 23 00-0588 EA 22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0).....	1,637.95	165.59

**23 09 23 00-0589 Siemens Controls** (23 09 23)

23 09 23 00-0590 EA Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083).....	173.00	10.35
23 09 23 00-0591 EA Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085).....	149.00	10.35
23 09 23 00-0592 EA SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575).....	168.23	46.62
23 09 23 00-0593 EA -0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591).....	266.83	46.62
23 09 23 00-0594 EA Spring Clip Mounting Kit For Thermostat (Siemens 182-685).....	34.20	
23 09 23 00-0595 EA Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001).....	115.49	68.99
23 09 23 00-0596 EA 3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012).....	192.44	12.12
23 09 23 00-0597 EA 1" Three Way, 10 Cv, FxF, Stainless Steel Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079).....	339.77	22.01
23 09 23 00-0598 EA 1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203).....	678.78	22.01
23 09 23 00-0599 EA 1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006).....	569.18	27.89
23 09 23 00-0600 EA 36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36).....	169.88	39.75
23 09 23 00-0601 EA -58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768).....	150.48	22.08
23 09 23 00-0602 EA Unit Conditioner Controller With Secure Mode (Siemens 540-110C).....	788.32	110.40
23 09 23 00-0603 EA 9-Pin, Female To RJ-11 Cable (Siemens 540-143).....	55.08	
23 09 23 00-0604 EA Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800).....	825.98	110.40
23 09 23 00-0605 EA MMI Extension Cable (Siemens 545-712).....	91.68	
23 09 23 00-0606 EA Remote Pressure Transmitter (Siemens 547-003).....	586.58	22.08
23 09 23 00-0607 EA Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400).....	895.43	110.40
23 09 23 00-0608 EA BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433).....	818.60	110.40
23 09 23 00-0609 EA Insight Advanced Software Package (Siemens 571-010-381-USB).....	7,601.02	
Note: Includes one user license and one sentinel key.		
23 09 23 00-0610 EA BACnet Client Option For Insight Advanced Software Package (Siemens 571-188).....	266.46	
23 09 23 00-0611 EA Soft Controller Option For Insight Advanced Software Package (Siemens 571-620).....	1,241.03	
23 09 23 00-0612 EA 1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059).....	223.28	7.32
23 09 23 00-0613 EA 2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03062).....	466.79	12.69
23 09 23 00-0614 EA Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C).....	7,123.17	275.98
23 09 23 00-0615 EA SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F).....	8,010.21	275.98
23 09 23 00-0616 EA License To Enable 4 TX-I/O Modules On The Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A).....	2,618.27	
23 09 23 00-0617 EA License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN).....	704.23	
23 09 23 00-0618 EA License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A).....	1,778.58	
23 09 23 00-0619 EA License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB).....	1,303.21	
23 09 23 00-0620 EA License To Enable 4 TX-I/O Modules On The Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A).....	1,179.11	
23 09 23 00-0621 EA License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP).....	3,140.72	
23 09 23 00-0622 EA 16-Switch HOA Upgrade Kit (Siemens PXA16-M).....	430.47	
23 09 23 00-0623 EA 16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR).....	480.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0624 EA 8-Switch HOA Upgrade Kit (Siemens PXA8-M).....	243.84	
23 09 23 00-0625 EA 18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18).....	320.13	34.50
23 09 23 00-0626 EA 19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19).....	515.04	34.50
23 09 23 00-0627 EA 34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34).....	681.47	34.50
23 09 23 00-0628 EA Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5).....	22.42	
23 09 23 00-0629 EA 115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA).....	556.05	34.50
23 09 23 00-0630 EA 115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA).....	807.33	34.50
23 09 23 00-0631 EA 230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA).....	648.62	34.50
23 09 23 00-0632 EA 230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA).....	913.14	34.50
23 09 23 00-0633 EA PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A).....	4,331.68	386.38
23 09 23 00-0634 EA PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A).....	3,172.85	110.40
23 09 23 00-0635 EA 16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A).....	1,966.20	206.99
23 09 23 00-0636 EA 16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A).....	2,118.40	206.99
23 09 23 00-0637 EA 16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A).....	1,966.20	206.99
23 09 23 00-0638 EA 24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A).....	2,493.89	220.78
23 09 23 00-0639 EA 24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A).....	2,569.97	220.78
23 09 23 00-0640 EA 24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A).....	2,537.70	220.78
23 09 23 00-0641 EA 24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A).....	2,684.88	220.78
23 09 23 00-0642 EA 24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A).....	2,493.89	220.78
23 09 23 00-0643 EA 24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A).....	2,609.16	220.78
23 09 23 00-0644 EA 36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A).....	4,030.02	386.38
23 09 23 00-0645 EA 36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A).....	6,464.09	441.57
23 09 23 00-0646 EA License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A).....	949.03	
23 09 23 00-0647 EA Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S).....	371.48	27.60
23 09 23 00-0648 EA Controller Mounted Operator Display Module (Siemens PXM10T).....	439.20	55.20
23 09 23 00-0649 EA Provides FLN Support For The PXC Modular, Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported (Siemens PXX-485.3).....	480.73	13.79
23 09 23 00-0650 EA Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC).....	137.46	22.08
23 09 23 00-0651 EA 4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010).....	90.02	22.08
23 09 23 00-0652 EA 8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020).....	131.81	39.75
23 09 23 00-0653 EA 2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200).....	183.28	39.75
23 09 23 00-0654 EA 10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X).....	1,811.88	222.31
23 09 23 00-0655 EA Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100).....	0.33	
23 09 23 00-0656 EA 16 Digital Input Module (Siemens TXM1.16D).....	824.51	110.40

**23 09 23 00-0657 Cypress Envirosystems Controls** (23 09 23)

**23 09 23 00-0658 Wireless Pneumatic Thermostat** (23 09 23 00-0657)

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 00-0659 EA Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP).....	538.52	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-28.66</i>		
<i>For &gt;200, Deduct</i>		
<i>-57.28</i>		
23 09 23 00-0660 EA Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP).....	538.52	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-28.66</i>		
<i>For &gt;200, Deduct</i>		
<i>-57.28</i>		
23 09 23 00-0661 EA Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP).....	538.52	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-28.66</i>		
<i>For &gt;200, Deduct</i>		
<i>-57.28</i>		
23 09 23 00-0662 EA Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP).....	538.52	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-28.66</i>		
<i>For &gt;200, Deduct</i>		
<i>-57.28</i>		
23 09 23 00-0663 EA Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB).....	615.29	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-32.93</i>		
<i>For &gt;200, Deduct</i>		
<i>-65.81</i>		
23 09 23 00-0664 EA Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB).....	615.29	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-32.93</i>		
<i>For &gt;200, Deduct</i>		
<i>-65.81</i>		
23 09 23 00-0665 EA Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB).....	615.29	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-32.93</i>		
<i>For &gt;200, Deduct</i>		
<i>-65.81</i>		
23 09 23 00-0666 EA Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB).....	615.29	6.90
Note: One for every thermostat to be retrofitted.		
<i>For &gt;50 To 200, Deduct</i>		
<i>-32.93</i>		
<i>For &gt;200, Deduct</i>		
<i>-65.81</i>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0667	EA		Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV).....	39.81	6.90
			Note: Optional cover.		
			For >50 To 200, Deduct	-1.83	
			For >200, Deduct	-3.66	
23 09 23 00-0668	EA		Green Box Controller (Cypress Envirosystems GBC-800-001) .....	3,208.18	6.90
			Note: One unit for up to 100 thermostats.		
			For 2, Deduct	-163.03	
			For >2, Deduct	-325.77	
23 09 23 00-0669	EA		WPT USB Hub (Cypress Envirosystems WPT-800-HUSB).....	373.20	6.90
			Note: One unit for up to 100 thermostats.		
			For 2, Deduct	-20.37	
			For >2, Deduct	-40.70	
23 09 23 00-0670	EA		WPT Repeater (Cypress Envirosystems WPT-800-RWAL).....	418.40	6.90
			Note: One unit for up to 15 thermostats.		
			For >5 To 10, Deduct	-21.34	
			For >10, Deduct	-42.65	
23 09 23 00-0671	EA		24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) .....	515.41	6.90
			Note: One unit for up to 15 thermostats.		
			For >5 To 10, Deduct	-24.82	
			For >10, Deduct	-49.60	
<b>23 09 23 00-0672</b>			<b>Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators (23 09 23)</b>		
<b>23 09 23 00-0673</b>			<b>Temperature Sensors (23 09 23 00-0672)</b>		
23 09 23 00-0674	EA		10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24).....	125.61	39.75
23 09 23 00-0675	EA		10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO) .....	150.06	39.75
23 09 23 00-0676	EA		10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG).....	129.01	39.75
23 09 23 00-0677	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH) .....	127.39	39.75
23 09 23 00-0678	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18).....	173.07	39.75
23 09 23 00-0679	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6).....	136.46	39.75
23 09 23 00-0680	EA		10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP) .....	128.14	39.75
23 09 23 00-0681	EA		10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4) .....	144.79	39.75
23 09 23 00-0682	EA		10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW).....	140.71	39.75
23 09 23 00-0683	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24).....	177.86	55.20
23 09 23 00-0684	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25).....	183.65	55.20
23 09 23 00-0685	EA		Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF).....	73.78	22.08
23 09 23 00-0686	EA		Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R).....	76.23	22.08
23 09 23 00-0687	EA		Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP) .....	76.23	22.08
<b>23 09 23 00-0688</b>			<b>Water Temperature Sensors (23 09 23 00-0672)</b>		
23 09 23 00-0689	EA		5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001).....	94.37	42.71
23 09 23 00-0690	EA		Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005).....	217.47	42.71
<b>23 09 23 00-0691</b>			<b>Relative Humidity Sensors (23 09 23 00-0672)</b>		
23 09 23 00-0692	EA		3% Duct Mounted RH Sensor (Kele HD30K) .....	286.24	39.75
23 09 23 00-0693	EA		10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3) .....	295.91	39.75
23 09 23 00-0694	EA		3% RH Outdoor Air Sensor (Kele HO30K).....	333.31	55.20
23 09 23 00-0695	EA		2% Surface Mounted RH Transmitter (Kele HW20K) .....	248.78	22.08
<b>23 09 23 00-0696</b>			<b>Pressure Sensors (23 09 23 00-0672)</b>		
23 09 23 00-0697	EA		Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005).....	360.23	46.62
23 09 23 00-0698	EA		Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050).....	329.55	46.62
23 09 23 00-0699	EA		Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222).....	146.48	46.62
23 09 23 00-0700	EA		Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262).....	148.00	46.62
23 09 23 00-0701	EA		Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460) .....	158.89	46.62
23 09 23 00-0702	EA		Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145) .....	145.49	46.62
23 09 23 00-0703	EA		Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA) .....	1,460.15	46.62
			Note: Excludes pipe fittings.		
23 09 23 00-0704	EA		Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA) .....	1,460.15	46.62
			Note: Excludes pipe fittings.		
23 09 23 00-0705	EA		Magnahelic Gauge.....	397.15	28.49
<b>23 09 23 00-0706</b>			<b>Water Flow Meters (23 09 23 00-0672)</b>		
23 09 23 00-0707	EA		Insertion Electromagnetic Water Flow Meter (Onicon F-3500) .....	2,664.15	59.48
			Note: Excludes pipe fittings.		
23 09 23 00-0708	EA		Dual Turbine Insertion Flow Meter With Analog Output (Onicon F-1210).....	148.57	19.82
			Note: Excludes pipe fittings.		
<b>23 09 23 00-0709</b>			<b>Air Flow Monitoring Stations (23 09 23 00-0672)</b>		
23 09 23 00-0710	EA		Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) .....	2,095.52	65.60
			Note: 10' cable, 36" x 24" typical duct size.		
23 09 23 00-0711	EA		Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) .....	3,002.70	65.60
			Note: 10' cable, 48" x 36" typical duct size.		
23 09 23 00-0712	EA		Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) .....	3,734.09	65.60
			Note: 10' cable, 60" x 48" typical duct size.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 09 23 00-0713</b>				<b>Gas Sensors</b> <small>(23 09 23 00-0672)</small>		
				23 09 23 00-0714 EA 6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	1,107.55	33.11
				23 09 23 00-0715 EA Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD).....	407.55	22.08
				23 09 23 00-0716 EA CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2).....	881.64	33.11
				Note: Solid state sensor.		
				23 09 23 00-0717 EA CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD).....	483.23	39.75
<b>23 09 23 00-0718</b>				<b>Room Pressure Monitoring</b> <small>(23 09 23 00-0672)</small>		
				23 09 23 00-0719 EA Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM).....	1,729.76	34.16
				23 09 23 00-0720 EA Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC).....	2,784.34	34.16
				Note: Excludes dampers and actuators.		
				23 09 23 00-0721 EA Hospital Room Pressure Status Remote Visual Display (TSI 8694-4).....	220.50	20.49
				23 09 23 00-0722 EA Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7).....	254.16	20.49
<b>23 09 23 00-0723</b>				<b>Current Switches And Current Sensors</b> <small>(23 09 23 00-0672)</small>		
				23 09 23 00-0724 EA Current Sensor, 0-20 Amp, 0-5 Volt DC (Serva C-1203).....	71.36	22.08
				23 09 23 00-0725 EA Current Sensor, 0-20 Amp, 4-20mA (Serva C-1205).....	73.38	22.08
				23 09 23 00-0726 EA VFD Current Switch, 0.5-135 Amp Range, Split Core (Serva C-2350VFD-L).....	94.60	22.08
				23 09 23 00-0727 EA Current Switch, 0.15-100 Amp Range, Split Core With NC Command Relay (Serva C-2300 And CR4-24).....	77.45	22.08
				23 09 23 00-0728 EA DC Current Sensor, Split Core, 0-50/100/200 Amp (Selectable), 4-20mA, 0-5 Volt DC (Veris H970HCA).....	145.50	22.08
				23 09 23 00-0729 EA DC Current Sensor, Split Core, 0-20/40/80 Amp (Selectable), 0-20mA, 0-5 Volt DC (Veris H970LCC).....	145.50	22.08
				23 09 23 00-0730 EA Current Switch, 1-135 Amp, N.O. Contact 1A @ 110 Volt (Veris H709).....	96.03	22.08
				23 09 23 00-0731 EA Current Switch, 0-10/20/40 Amp, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721).....	104.97	22.08
				23 09 23 00-0732 EA Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC).....	2,902.55	110.40
				23 09 23 00-0733 EA Power Transducer, Modbus RTU, 100 Amp (Veris H8035-0100-2).....	450.22	22.08
				Note: 3 phase networked transducer.		
				23 09 23 00-0734 EA Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2,400 Amp (Veris H8163-2400-4-3).....	670.65	22.08
				23 09 23 00-0735 EA Current Transducer, 0-20 Amp, 0-5 Volt DC (Kele 4CTV).....	142.76	22.08
				23 09 23 00-0736 EA Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800).....	180.06	58.64
				23 09 23 00-0737 EA Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900).....	187.47	58.64
				23 09 23 00-0738 EA Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708).....	195.92	58.64
				23 09 23 00-0739 EA Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908).....	206.50	58.64
				23 09 23 00-0740 EA Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904).....	231.84	58.64
				23 09 23 00-0741 EA Toggle Switch.....	76.38	27.60
				23 09 23 00-0742 EA Maintained Pushbutton Switch.....	81.15	27.60
				23 09 23 00-0743 EA Manual Time Switch.....	126.05	27.60
				23 09 23 00-0744 EA Emergency Stop Switch.....	206.35	27.60
				23 09 23 00-0745 EA Float Switch.....	205.63	27.60
				23 09 23 00-0746 EA Break Glass Switch.....	650.83	27.60
				23 09 23 00-0747 EA Boiler E-Stop Switch.....	413.34	27.60
<b>23 09 23 00-0748</b>				<b>Relays</b> <small>(23 09 23 00-0672)</small>		
				23 09 23 00-0749 EA DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V).....	65.29	22.08
				23 09 23 00-0750 EA SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1).....	74.48	22.08
				23 09 23 00-0751 EA SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B).....	97.38	27.60
				Note: Box type.		
				23 09 23 00-0752 EA Motor Starter Interface, 300msec Pulse (Kele PIL-2).....	125.49	22.08
				23 09 23 00-0753 EA DP Relay Socket, DIN Rail Mounted (Kele SH2B-05).....	61.76	22.08
				23 09 23 00-0754 EA SP Relay Socket, DIN Rail Mounted (Kele SH1B-05).....	60.09	22.08
				23 09 23 00-0755 EA SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V).....	64.26	22.08
				23 09 23 00-0756 EA DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V).....	60.48	22.08
				23 09 23 00-0757 EA SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V).....	67.66	22.08
				23 09 23 00-0758 EA SPDT Pilot Relay, Universal (Kele RIBU1C).....	88.13	27.60
				Note: Box type.		
				23 09 23 00-0759 EA SPST Pilot Relay With HOA Switch (Kele RIBU1S).....	96.43	27.60
				Note: Box type.		
				23 09 23 00-0760 EA SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400).....	205.32	27.60
				23 09 23 00-0761 EA SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450).....	245.71	27.60
<b>23 09 23 00-0762</b>				<b>Surge Protectors</b> <small>(23 09 23 00-0672)</small>		
				23 09 23 00-0763 EA Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255).....	178.46	5.52
				23 09 23 00-0764 EA Surge Protector, 1AC Outlet (Transtector TR2251).....	135.01	5.52
				23 09 23 00-0765 EA Surge Protector, 2 AC Outlets (Transtector TR2254).....	209.77	5.52
				23 09 23 00-0766 EA Surge Protector, DB-15 Connection (Transtector TR2259-DLP15).....	113.80	5.52
				23 09 23 00-0767 EA Surge Protector, DB-25 Connection (Transtector TR2259-DLP25).....	113.80	5.52
				23 09 23 00-0768 EA Surge Protector, DB-9 Connection (Transtector TR2259-DLP9).....	113.80	5.52
				23 09 23 00-0769 EA Surge Protector, Individual Wire Connection (Transtector TR2258).....	164.32	5.52
				23 09 23 00-0770 EA Surge Protector, Trane Communication Links (Transtector TR2257).....	101.67	5.52
<b>23 09 23 00-0771</b>				<b>Transformers</b> <small>(23 09 23 00-0672)</small>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0772 EA 50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA) .....	82.13	22.08
23 09 23 00-0773 EA 75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB) .....	89.51	22.08
23 09 23 00-0774 EA 75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA) .....	92.79	22.08
23 09 23 00-0775 EA 100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB) .....	96.23	22.08
23 09 23 00-0776 EA 100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA) .....	104.69	22.08
<b>23 09 23 00-0777 Power Supplies (23 09 23 00-0672)</b>		
23 09 23 00-0778 EA Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA) .....	107.80	22.08
23 09 23 00-0779 EA AC/DC Power Supply, 1.2 Amp @ 24 Volt Output (Kele DCPA-1.2) .....	128.03	22.08
23 09 23 00-0780 EA DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524) .....	116.71	22.08
23 09 23 00-0781 EA DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D) .....	120.87	22.08
23 09 23 00-0782 EA DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H) .....	120.87	22.08
23 09 23 00-0783 EA DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P) .....	120.87	22.08
23 09 23 00-0784 EA DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amp (Kele DCP-1.5-W-C) .....	96.45	22.08
<b>23 09 23 00-0785 Control Damper Actuators (23 09 23 00-0672)</b>		
23 09 23 00-0786 EA 44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR) .....	329.26	56.45
23 09 23 00-0787 EA 90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR) .....	347.28	56.45
23 09 23 00-0788 EA 90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP) .....	407.75	56.45
23 09 23 00-0789 EA 175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR) .....	419.42	56.45
23 09 23 00-0790 EA 90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR) .....	447.00	56.45
23 09 23 00-0791 EA 360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR) .....	488.36	56.45
<b>23 09 23 00-0792 Valves With Actuator (23 09 23 00-0672)</b>		
23 09 23 00-0793 EA 1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US) .....	411.77	8.99
23 09 23 00-0794 EA 3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US) .....	425.98	12.12
23 09 23 00-0795 EA 1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US) .....	466.29	14.68
23 09 23 00-0796 EA 1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US) .....	508.95	18.59
23 09 23 00-0797 EA 1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US) .....	579.75	21.45
23 09 23 00-0798 EA 2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US) .....	655.28	25.35
23 09 23 00-0799 EA 2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1) .....	1,225.67	50.70
23 09 23 00-0800 EA 3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1) .....	1,328.93	59.33
23 09 23 00-0801 EA 4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1) .....	1,794.10	87.15
23 09 23 00-0802 EA 5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1) .....	2,638.90	125.94
23 09 23 00-0803 EA 6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1) .....	2,922.98	139.44
23 09 23 00-0804 EA 1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US) .....	443.18	13.49
23 09 23 00-0805 EA 3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US) .....	457.03	18.19
23 09 23 00-0806 EA 1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US) .....	495.24	22.01
23 09 23 00-0807 EA 1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US) .....	549.18	27.89
23 09 23 00-0808 EA 1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US) .....	705.21	32.18
23 09 23 00-0809 EA 2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US) .....	782.42	38.03
23 09 23 00-0810 EA 2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1) .....	1,382.39	76.05
23 09 23 00-0811 EA 3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1) .....	1,519.77	89.00
23 09 23 00-0812 EA 4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2"GMX24-MFTX1) .....	2,211.66	130.72
23 09 23 00-0813 EA 5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2"GMX24-MFTX1) .....	3,207.91	188.91
23 09 23 00-0814 EA 6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2"GMX24-MFTX1) .....	3,566.13	209.15
23 09 23 00-0815 EA 1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC) .....	108.41	8.99
23 09 23 00-0816 EA 3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC) .....	124.72	12.12
23 09 23 00-0817 EA 1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC) .....	158.79	14.68
23 09 23 00-0818 EA 1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC) .....	128.15	13.49
23 09 23 00-0819 EA 3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC) .....	147.29	18.19
23 09 23 00-0820 EA 1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC) .....	185.51	22.01
23 09 23 00-0821 EA 1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3) .....	152.96	8.99
23 09 23 00-0822 EA 3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3) .....	196.84	12.12
23 09 23 00-0823 EA 1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3) .....	203.23	14.68
23 09 23 00-0824 EA 1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3) .....	266.05	18.59
23 09 23 00-0825 EA 1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3) .....	273.20	21.45
23 09 23 00-0826 EA 2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3) .....	348.70	25.35
23 09 23 00-0827 EA 2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3) .....	751.53	50.70
23 09 23 00-0828 EA 3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3) .....	882.37	59.33
23 09 23 00-0829 EA 1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3) .....	183.31	13.49
23 09 23 00-0830 EA 3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3) .....	209.89	18.19
23 09 23 00-0831 EA 1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3) .....	271.43	22.01
23 09 23 00-0832 EA 1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3) .....	387.94	27.89
23 09 23 00-0833 EA 1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3) .....	407.15	32.18
23 09 23 00-0834 EA 2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3) .....	537.39	38.03
23 09 23 00-0835 EA 2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1) .....	438.66	46.48
23 09 23 00-0836 EA 2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1) .....	458.76	50.70
23 09 23 00-0837 EA 3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1) .....	606.57	59.33
23 09 23 00-0838 EA 4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2"GMX24-3X1) .....	956.49	99.60
23 09 23 00-0839 EA 5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24) .....	1,848.66	125.94
23 09 23 00-0840 EA 6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24) .....	1,996.96	139.44
23 09 23 00-0841 EA 8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24) .....	2,791.38	159.36



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0842 EA 10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24) .....	3,506.75	195.22
23 09 23 00-0843 EA 12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24) .....	4,146.04	236.62
23 09 23 00-0844 EA 14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24) .....	4,598.55	278.87
23 09 23 00-0845 EA 16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110) .....	6,115.09	306.77
23 09 23 00-0846 EA 18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110) .....	7,427.42	340.78
23 09 23 00-0847 EA 2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1) .....	818.16	69.72
23 09 23 00-0848 EA 2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1) .....	966.60	76.05
23 09 23 00-0849 EA 3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2"GMB24-3X1) .....	1,196.25	89.00
23 09 23 00-0850 EA 4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2"GMB24-3X1) .....	1,581.66	149.39
23 09 23 00-0851 EA 5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24) .....	2,977.72	188.91
23 09 23 00-0852 EA 6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24) .....	3,411.25	209.15
23 09 23 00-0853 EA 8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24) .....	4,226.40	239.06
23 09 23 00-0854 EA 10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24) .....	5,609.26	292.82
23 09 23 00-0855 EA 12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24) .....	5,223.57	354.93
23 09 23 00-0856 EA 14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110) .....	6,545.18	418.31
23 09 23 00-0857 EA 16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110) .....	12,065.23	460.13
23 09 23 00-0858 EA 18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110) .....	18,108.55	511.18
<b>23 09 23 00-0859 Valve Actuators</b> <small>(23 09 23 00-0672)</small>		
23 09 23 00-0860 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T) .....	280.72	57.60
23 09 23 00-0861 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3) .....	288.35	57.60
23 09 23 00-0862 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T) .....	320.97	57.60
23 09 23 00-0863 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S) .....	332.24	57.60
23 09 23 00-0864 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR) .....	335.09	57.60
23 09 23 00-0865 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT) .....	379.45	57.60
23 09 23 00-0866 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1) .....	400.45	57.60
23 09 23 00-0867 EA 24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95) .....	408.56	57.60
23 09 23 00-0868 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT) .....	428.11	57.60
23 09 23 00-0869 EA 120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3) .....	312.68	57.60
23 09 23 00-0870 EA 120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR) .....	353.71	57.60
23 09 23 00-0871 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T) .....	353.71	57.60
23 09 23 00-0872 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3) .....	359.91	57.60
23 09 23 00-0873 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14) .....	366.75	57.60
23 09 23 00-0874 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S) .....	408.08	57.60
23 09 23 00-0875 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T) .....	422.39	57.60
23 09 23 00-0876 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR) .....	428.59	57.60
23 09 23 00-0877 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT) .....	442.06	57.60
23 09 23 00-0878 EA 24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC) .....	443.86	57.60
23 09 23 00-0879 EA 24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95) .....	448.63	57.60
23 09 23 00-0880 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4) .....	558.33	57.60
23 09 23 00-0881 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4) .....	598.88	57.60
23 09 23 00-0882 EA 100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3) .....	399.97	57.60
23 09 23 00-0883 EA 100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR) .....	472.00	57.60
23 09 23 00-0884 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24) .....	1,222.81	57.60
23 09 23 00-0885 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24) .....	1,366.86	57.60
23 09 23 00-0886 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24) .....	1,676.92	57.60
23 09 23 00-0887 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24) .....	1,893.95	57.60
23 09 23 00-0888 EA 120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110) .....	2,220.70	57.60
23 09 23 00-0889 EA 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110) .....	2,619.96	57.60
23 09 23 00-0890 EA 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110) .....	3,448.04	57.60

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0891 EA 120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110).....	4,221.25	57.60
<b>23 09 23 00-0892 Rectangular Volume Control Dampers (23 09 23 00-0672)</b>		
Note: Excludes actuators.		
23 09 23 00-0893 EA 8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008).....	109.70	21.18
23 09 23 00-0894 EA 10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010).....	123.63	23.24
23 09 23 00-0895 EA 12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012).....	138.23	25.63
23 09 23 00-0896 EA 14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014).....	159.84	30.06
23 09 23 00-0897 EA 16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	180.76	34.16
23 09 23 00-0898 EA 18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018).....	182.94	38.44
23 09 23 00-0899 EA 20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	224.38	42.70
23 09 23 00-0900 EA 24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	267.97	51.25
23 09 23 00-0901 EA 32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	343.92	59.79
23 09 23 00-0902 EA 48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	510.03	68.33
23 09 23 00-0903 EA 60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	933.90	76.87
23 09 23 00-0904 EA 72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	1,185.93	85.42
<b>23 09 23 00-0905 Round Control Galvanized Dampers (23 09 23 00-0672)</b>		
Note: Excludes actuators.		
23 09 23 00-0906 EA 6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	110.12	25.63
23 09 23 00-0907 EA 8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	110.17	25.63
23 09 23 00-0908 EA 10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	114.89	25.63
23 09 23 00-0909 EA 12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	120.73	25.63
23 09 23 00-0910 EA 14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	138.22	25.63
23 09 23 00-0911 EA 16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	157.43	34.16
23 09 23 00-0912 EA 18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18).....	211.48	35.96
23 09 23 00-0913 EA 20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20).....	221.09	37.28
23 09 23 00-0914 EA 22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22).....	234.64	40.18
23 09 23 00-0915 EA 24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24).....	248.46	43.10
<b>23 09 23 00-0916 Peco Thermostats and Sensors (23 09 23 00-0672)</b>		
23 09 23 00-0917 EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ).....	282.13	10.35
23 09 23 00-0918 EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001).....	364.12	10.35
23 09 23 00-0919 EA Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	160.24	15.52
23 09 23 00-0920 EA Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	134.79	15.52
23 09 23 00-0921 EA Wall/Ceiling Mount Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001).....	215.32	15.52
23 09 23 00-0922 EA Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002).....	184.09	15.52
23 09 23 00-0923 EA Door Switch Occupancy Sensor (Peco SE200-001).....	39.66	15.52
23 09 23 00-0924 EA Window Switch Occupancy Sensor (Peco SE200-002).....	38.00	15.52
23 09 23 00-0925 EA Power Pack And Controller (Peco SF200-001).....	77.38	15.52
<b>23 10 Facility Fuel Systems (23)</b>		
<b>23 11 Facility Fuel Piping (23 10)</b>		
<b>23 11 23 Facility Natural-Gas Piping (23 11)</b>		
<b>23 11 23 00-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping (23 11 23)</b>		
<b>23 11 23 00-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0001)</b>		
Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003 LF 3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	4.08	1.18
23 11 23 00-0004 LF 1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	4.49	1.28
23 11 23 00-0005 LF 3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	5.42	1.38
23 11 23 00-0006 LF 1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	6.95	1.46
23 11 23 00-0007 LF 1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	8.26	1.53
23 11 23 00-0008 LF 1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	12.84	1.59
23 11 23 00-0009 LF 2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	17.57	1.70
<b>23 11 23 00-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0001)</b>		
<b>23 11 23 00-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0012 EA 3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.22	
23 11 23 00-0013 EA 3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.22	
23 11 23 00-0014 EA 1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.63	
23 11 23 00-0015 EA 1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.63	
23 11 23 00-0016 EA 3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.13	
23 11 23 00-0017 EA 1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.40	
23 11 23 00-0018 EA 1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.40	
23 11 23 00-0019 EA 1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	61.84	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0020 EA 1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	115.39	
23 11 23 00-0021 EA 2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	188.55	
<b>23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0023 EA 3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	18.54	
23 11 23 00-0024 EA 1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.63	
23 11 23 00-0025 EA 1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.63	
23 11 23 00-0026 EA 3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.13	
23 11 23 00-0027 EA 3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.13	
23 11 23 00-0028 EA 1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.73	
23 11 23 00-0029 EA 1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.73	
<b>23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0031 EA 3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.53	
23 11 23 00-0032 EA 1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	34.34	
<b>23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0034 EA 3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	26.61	
23 11 23 00-0035 EA 1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	29.63	
23 11 23 00-0036 EA 3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.65	
23 11 23 00-0037 EA 1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.94	
23 11 23 00-0038 EA 1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	105.04	
23 11 23 00-0039 EA 1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	207.58	
23 11 23 00-0040 EA 2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	346.51	
<b>23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0042 EA 1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	36.60	
23 11 23 00-0043 EA 3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	60.81	
23 11 23 00-0044 EA 1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	98.22	
23 11 23 00-0045 EA 1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	171.47	
23 11 23 00-0046 EA 1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	184.51	
23 11 23 00-0047 EA 2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	212.28	
<b>23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0049 EA 3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	23.65	
23 11 23 00-0050 EA 1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.39	
23 11 23 00-0051 EA 3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	26.59	
23 11 23 00-0052 EA 1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	36.51	
23 11 23 00-0053 EA 1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.08	
<b>23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		
23 11 23 00-0055 EA 3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	26.30	
23 11 23 00-0056 EA 1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	26.93	
23 11 23 00-0057 EA 3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.97	
23 11 23 00-0058 EA 1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.02	
23 11 23 00-0059 EA 1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.02	
<b>23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (23 11 23 00-0010)</b>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0061 EA 3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	38.65	
23 11 23 00-0062 EA 1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	39.63	
23 11 23 00-0063 EA 3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	41.73	
23 11 23 00-0064 EA 1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	70.07	
23 11 23 00-0065 EA 1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	72.85	
23 11 23 00-0066 EA 1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	108.00	
23 11 23 00-0067 EA 2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	135.89	
<b>23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
23 11 23 00-0069 EA 3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	41.22	
23 11 23 00-0070 EA 1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	42.15	
23 11 23 00-0071 EA 3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	47.02	
23 11 23 00-0072 EA 1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	90.29	
23 11 23 00-0073 EA 1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	93.24	
23 11 23 00-0074 EA 1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	130.73	
23 11 23 00-0075 EA 2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	166.68	
<b>23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
23 11 23 00-0077 EA 1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	24.73	
23 11 23 00-0078 EA 3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	26.76	
23 11 23 00-0079 EA 1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	42.06	
23 11 23 00-0080 EA 1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	66.26	
23 11 23 00-0081 EA 1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	131.63	
23 11 23 00-0082 EA 2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	211.42	
<b>23 11 23 00-0083 Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
Note: Includes mounting plate.		
23 11 23 00-0084 EA 1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	21.27	
23 11 23 00-0085 EA 3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	23.24	
23 11 23 00-0086 EA 1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	21.29	
23 11 23 00-0087 EA 1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	21.37	
23 11 23 00-0088 EA 3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	22.22	
23 11 23 00-0089 EA 1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	26.77	
23 11 23 00-0090 EA 1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	32.62	
<b>23 11 23 00-0091 Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092 EA 1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	60.90	12.39
23 11 23 00-0093 EA 3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	69.32	13.01
<b>23 11 23 00-0094 Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
23 11 23 00-0095 EA 3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	42.66	10.84
23 11 23 00-0096 EA 1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	49.47	12.89
23 11 23 00-0097 EA 3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	60.88	15.49
23 11 23 00-0098 EA 1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	75.50	20.69
<b>23 11 23 00-0099 Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
Note: Includes mounting hardware.		
23 11 23 00-0100 EA 1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	52.59	12.89
23 11 23 00-0101 EA 3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	59.24	15.49
23 11 23 00-0102 EA 1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	56.82	12.89
23 11 23 00-0103 EA 3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	61.98	15.49
23 11 23 00-0104 EA 2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	113.32	38.73
<b>23 11 23 00-0105 Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small></b>		
23 11 23 00-0106 EA 1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	56.02	12.89



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0107 EA 1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	56.02	12.89
23 11 23 00-0108 EA 1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	81.32	12.89
23 11 23 00-0109 EA 3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	86.48	15.49
23 11 23 00-0110 EA 3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	86.48	15.49
23 11 23 00-0111 EA 1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	96.81	20.69
23 11 23 00-0112 EA 1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	148.85	23.23
23 11 23 00-0113 EA 1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	76.84	12.89
23 11 23 00-0114 EA 3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	201.07	15.49
23 11 23 00-0115 EA 1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	496.64	23.23
<b>23 11 23 00-0116 Gas Stops (23 11 23)</b>		
<b>23 11 23 00-0117 Brass Gas Stops (23 11 23 00-0116)</b>		
Note: Flat or square head		
23 11 23 00-0118 EA 3/8" Brass Gas Stop .....	28.78	6.73
23 11 23 00-0119 EA 1/2" Brass Gas Stop .....	28.03	6.73
23 11 23 00-0120 EA 3/4" Brass Gas Stop .....	37.02	7.40
23 11 23 00-0121 EA 1" Brass Gas Stop .....	50.37	8.41
23 11 23 00-0122 EA 1-1/4" Brass Gas Stop .....	66.35	8.95
23 11 23 00-0123 EA 1-1/2" Brass Gas Stop .....	82.20	10.36
23 11 23 00-0124 EA 2" Brass Gas Stop .....	110.87	12.25
<b>23 11 23 00-0125 Iron Body Gas Stops (23 11 23 00-0116)</b>		
23 11 23 00-0126 EA 1/2" Iron Body Gas Stop .....	35.56	6.73
23 11 23 00-0127 EA 3/4" Iron Body Gas Stop .....	44.43	7.40
23 11 23 00-0128 EA 1" Iron Body Gas Stop .....	54.84	8.41
23 11 23 00-0129 EA 1-1/4" Iron Body Gas Stop .....	70.69	8.95
23 11 23 00-0130 EA 1-1/2" Iron Body Gas Stop .....	87.65	10.36
23 11 23 00-0131 EA 2" Iron Body Gas Stop .....	112.11	12.25
23 11 23 00-0132 EA 2-1/2" Iron Body Gas Stop .....	206.88	16.54
23 11 23 00-0133 EA 3" Iron Body Gas Stop .....	273.10	19.21
<b>23 11 23 00-0134 Bronze Body Solenoid Valves, 150 PSI Gas (23 11 23)</b>		
23 11 23 00-0135 EA 1/4" Solenoid Valve, Bronze, 150 PSI, Gas .....	80.49	6.73
23 11 23 00-0136 EA 1/2" Solenoid Valve, Bronze, 150 PSI, Gas .....	93.50	6.73
23 11 23 00-0137 EA 3/4" Solenoid Valve, Bronze, 150 PSI, Gas .....	119.55	7.40
23 11 23 00-0138 EA 1" Solenoid Valve, Bronze, 150 PSI, Gas .....	176.83	8.41
23 11 23 00-0139 EA 1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas .....	312.84	10.36
23 11 23 00-0140 EA 2" Solenoid Valve, Bronze, 150 PSI, Gas .....	524.53	12.25
23 11 23 00-0141 EA 2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas .....	651.83	16.54
23 11 23 00-0142 EA 3" Solenoid Valve, Bronze, 150 PSI, Gas .....	973.61	19.21
<b>23 11 33 Facility Fiberglass Reinforced Piping (23 11)</b>		
<b>23 11 33 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings (23 11 33)</b>		
<b>23 11 33 00-0002 Fiberglass Reinforced Plastic Pipe (23 11 33 00-0001)</b>		
Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).		
23 11 33 00-0003 LF 2" Fiberglass Reinforced Plastic Pipe .....	11.60	4.46
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-5.00	
23 11 33 00-0004 LF 3" Fiberglass Reinforced Plastic Pipe .....	13.91	5.33
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-6.00	
23 11 33 00-0005 LF 4" Fiberglass Reinforced Plastic Pipe .....	18.56	7.87
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-8.83	
23 11 33 00-0006 LF 5" Fiberglass Reinforced Plastic Pipe .....	21.73	9.05
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-9.95	
23 11 33 00-0007 LF 6" Fiberglass Reinforced Plastic Pipe .....	25.32	10.10
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-11.38	
23 11 33 00-0008 LF 8" Fiberglass Reinforced Plastic Pipe .....	32.94	11.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-12.53	
23 11 33 00-0009 LF 10" Fiberglass Reinforced Plastic Pipe .....	43.61	13.26
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-14.94	
23 11 33 00-0010 LF 12" Fiberglass Reinforced Plastic Pipe .....	57.25	16.71
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-18.79	
<b>23 11 33 00-0011 Fiberglass Reinforced Plastic Fittings (23 11 33 00-0001)</b>		
<b>23 11 33 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows (23 11 33 00-0011)</b>		
23 11 33 00-0013 EA 2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow .....	91.19	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-49.97	
23 11 33 00-0014 EA 3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow .....	107.80	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-59.96	
23 11 33 00-0015 EA 4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow .....	128.70	61.96
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>		
	-69.66	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0016 EA 5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	149.11	65.97
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-72.77	
23 11 33 00-0017 EA 6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	179.30	74.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-83.22	
23 11 33 00-0018 EA 8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	255.62	92.49
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.03	
23 11 33 00-0019 EA 10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	327.79	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0020 EA 12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	436.82	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
<b>23 11 33 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows (23 11 33 00-0011)</b>		
23 11 33 00-0022 EA 2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	91.38	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.97	
23 11 33 00-0023 EA 3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	107.85	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-59.96	
23 11 33 00-0024 EA 4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	128.87	62.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-69.71	
23 11 33 00-0025 EA 5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	160.53	73.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-81.32	
23 11 33 00-0026 EA 6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	179.23	74.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-83.22	
23 11 33 00-0027 EA 8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	255.62	92.49
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.03	
23 11 33 00-0028 EA 10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	337.10	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0029 EA 12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	436.82	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
<b>23 11 33 00-0030 Fiberglass Reinforced Plastic Flanged Tees (23 11 33 00-0011)</b>		
23 11 33 00-0031 EA 2" Fiberglass Reinforced Plastic Flanged Tee.....	135.28	66.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-74.95	
23 11 33 00-0032 EA 3" Fiberglass Reinforced Plastic Flanged Tee.....	165.34	80.30
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-90.27	
23 11 33 00-0033 EA 4" Fiberglass Reinforced Plastic Flanged Tee.....	189.69	93.00
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.57	
23 11 33 00-0034 EA 5" Fiberglass Reinforced Plastic Flanged Tee.....	231.93	110.47
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-122.03	
23 11 33 00-0035 EA 6" Fiberglass Reinforced Plastic Flanged Tee.....	255.21	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0036 EA 8" Fiberglass Reinforced Plastic Flanged Tee.....	319.27	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
23 11 33 00-0037 EA 10" Fiberglass Reinforced Plastic Flanged Tee.....	463.20	167.11
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-187.93	
23 11 33 00-0038 EA 12" Fiberglass Reinforced Plastic Flanged Tee.....	601.26	203.18
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-228.46	
<b>23 11 33 00-0039 Fiberglass Reinforced Plastic Flanged Wyes (23 11 33 00-0011)</b>		
23 11 33 00-0040 EA 2" Fiberglass Reinforced Plastic Flanged Wye.....	159.20	66.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-74.95	
23 11 33 00-0041 EA 3" Fiberglass Reinforced Plastic Flanged Wye.....	199.43	80.18
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-90.16	
23 11 33 00-0042 EA 4" Fiberglass Reinforced Plastic Flanged Wye.....	233.18	93.00
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.57	
23 11 33 00-0043 EA 5" Fiberglass Reinforced Plastic Flanged Wye.....	268.97	110.47
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-122.03	
23 11 33 00-0044 EA 6" Fiberglass Reinforced Plastic Flanged Wye.....	285.80	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0045 EA 8" Fiberglass Reinforced Plastic Flanged Wye.....	367.64	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
23 11 33 00-0046 EA 10" Fiberglass Reinforced Plastic Flanged Wye.....	524.20	167.11
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-187.93	
23 11 33 00-0047 EA 12" Fiberglass Reinforced Plastic Flanged Wye.....	667.76	203.18
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-228.46	
<b>23 11 33 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 33 00-0011)</b>		
23 11 33 00-0049 EA 2" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	96.57	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.97	
23 11 33 00-0050 EA 3" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	121.25	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-59.96	
23 11 33 00-0051 EA 4" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	136.19	62.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-69.71	
23 11 33 00-0052 EA 5" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	158.41	73.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-81.32	
23 11 33 00-0053 EA 6" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	167.66	74.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-83.22	
23 11 33 00-0054 EA 8" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	217.73	92.49
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0055 EA 10" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	272.25	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0056 EA 12" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	359.54	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
<b>23 11 33 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 33 00-0011)</b>		
23 11 33 00-0058 EA 2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	85.88	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.97	
23 11 33 00-0059 EA 3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	100.82	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-59.96	
23 11 33 00-0060 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	115.78	62.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-69.71	
23 11 33 00-0061 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	138.42	73.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-81.32	
23 11 33 00-0062 EA 6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	148.10	74.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-83.22	
23 11 33 00-0063 EA 8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	163.85	92.49
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.03	
23 11 33 00-0064 EA 10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	203.19	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0065 EA 12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter .....	285.71	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
<b>23 11 33 00-0066 Fiberglass Reinforced Plastic Nipples (23 11 33 00-0011)</b>		
23 11 33 00-0067 EA 2" x 6" Fiberglass Reinforced Plastic Nipple.....	13.32	5.33
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-6.00	
23 11 33 00-0068 EA 2" x 12" Fiberglass Reinforced Plastic Nipple.....	26.58	10.65
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-11.96	
23 11 33 00-0069 EA 3" x 8" Fiberglass Reinforced Plastic Nipple.....	35.51	8.18
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-9.20	
23 11 33 00-0070 EA 3" x 12" Fiberglass Reinforced Plastic Nipple.....	41.54	10.38
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-11.66	
23 11 33 00-0071 EA 4" x 8" Fiberglass Reinforced Plastic Nipple.....	36.70	7.38
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-8.33	
23 11 33 00-0072 EA 4" x 12" Fiberglass Reinforced Plastic Nipple.....	46.18	11.10
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-12.48	
23 11 33 00-0073 EA 6" x 12" Fiberglass Reinforced Plastic Nipple.....	55.93	12.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-13.73	
23 11 33 00-0074 EA 6" x 12" Fiberglass Reinforced Plastic Nipple.....	65.68	13.32
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-14.99	
23 11 33 00-0075 EA 8" x 18" Fiberglass Reinforced Plastic Nipple.....	42.44	15.53
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-17.48	
23 11 33 00-0076 EA 8" x 24" Fiberglass Reinforced Plastic Nipple.....	58.79	22.19
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-24.95	
23 11 33 00-0077 EA 10" x 18" Fiberglass Reinforced Plastic Nipple.....	61.90	15.82
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-17.76	
23 11 33 00-0078 EA 10" x 24" Fiberglass Reinforced Plastic Nipple.....	92.87	23.64
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-26.60	
23 11 33 00-0079 EA 12" x 18" Fiberglass Reinforced Plastic Nipple.....	70.33	16.31
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-18.32	
23 11 33 00-0080 EA 12" x 24" Fiberglass Reinforced Plastic Nipple.....	94.87	24.42
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-27.48	
<b>23 11 33 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings (23 11 33 00-0011)</b>		
23 11 33 00-0082 EA 2" Fiberglass Reinforced Plastic Sleeve Coupling .....	71.50	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.97	
23 11 33 00-0083 EA 3" Fiberglass Reinforced Plastic Sleeve Coupling .....	85.90	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-59.96	
23 11 33 00-0084 EA 4" Fiberglass Reinforced Plastic Sleeve Coupling .....	99.64	62.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-69.71	
23 11 33 00-0085 EA 5" Fiberglass Reinforced Plastic Sleeve Coupling .....	117.69	73.67
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-81.32	
23 11 33 00-0086 EA 6" Fiberglass Reinforced Plastic Sleeve Coupling .....	122.78	74.02
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-83.22	
23 11 33 00-0087 EA 8" Fiberglass Reinforced Plastic Sleeve Coupling .....	156.03	92.49
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-104.03	
23 11 33 00-0088 EA 10" Fiberglass Reinforced Plastic Sleeve Coupling .....	193.44	111.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-125.29	
23 11 33 00-0089 EA 12" Fiberglass Reinforced Plastic Sleeve Coupling .....	238.25	138.16
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-155.36	
<b>23 11 33 00-0090 Fiberglass Reinforced Plastic Flanges (23 11 33 00-0011)</b>		
23 11 33 00-0091 EA 2" Fiberglass Reinforced Plastic Flange .....	72.11	44.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-49.97	
23 11 33 00-0092 EA 3" Fiberglass Reinforced Plastic Flange .....	86.70	53.35
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-59.96	
23 11 33 00-0093 EA 4" Fiberglass Reinforced Plastic Flange .....	92.22	55.43
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-62.31	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0094 EA 5" Fiberglass Reinforced Plastic Flange ..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	109.35 -72.83	65.97
23 11 33 00-0095 EA 6" Fiberglass Reinforced Plastic Flange ..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	126.32 -83.22	74.02
23 11 33 00-0096 EA 8" Fiberglass Reinforced Plastic Flange ..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	153.65 -99.59	88.55
23 11 33 00-0097 EA 10" Fiberglass Reinforced Plastic Flange ..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	198.95 -125.29	111.41
23 11 33 00-0098 EA 12" Fiberglass Reinforced Plastic Flange ..... <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	260.31 -155.36	138.16
<b>23 11 33 00-0099 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings (23 11 33)</b>		
<b>23 11 33 00-0100 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing (23 11 33 00-0099)</b>		
23 11 33 00-0101 LF 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	43.97	19.15
23 11 33 00-0102 LF 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	52.30	22.68
23 11 33 00-0103 LF 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	71.22	33.46
23 11 33 00-0104 LF 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	96.48	43.37
23 11 33 00-0105 LF 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	121.85	47.72
23 11 33 00-0106 LF 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	158.23	56.59
23 11 33 00-0107 LF 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing.....	201.31	71.41
<b>23 11 33 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings (23 11 33 00-0099)</b>		
<b>23 11 33 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows (23 11 33 00-0108)</b>		
23 11 33 00-0110 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	679.70	236.94
23 11 33 00-0111 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	794.14	284.40
23 11 33 00-0112 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	968.51	330.49
23 11 33 00-0113 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	1,494.15	394.66
23 11 33 00-0114 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,283.87	493.41
23 11 33 00-0115 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	3,012.75	593.62
23 11 33 00-0116 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	3,969.29	735.10
<b>23 11 33 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows (23 11 33 00-0108)</b>		
23 11 33 00-0118 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	680.41	236.94
23 11 33 00-0119 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	792.90	284.40
23 11 33 00-0120 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	967.53	330.49
23 11 33 00-0121 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	1,488.43	394.66
23 11 33 00-0122 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,275.59	493.41
23 11 33 00-0123 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	3,001.79	593.90
23 11 33 00-0124 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	3,956.42	736.77
<b>23 11 33 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees (23 11 33 00-0108)</b>		
23 11 33 00-0126 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	971.76	355.40
23 11 33 00-0127 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	1,200.68	428.33
23 11 33 00-0128 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	1,367.65	495.99
23 11 33 00-0129 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	1,985.49	594.17
23 11 33 00-0130 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	2,496.90	736.77
23 11 33 00-0131 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee.....	3,974.76	890.24
23 11 33 00-0132 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee.....	5,301.72	1,079.38
<b>23 11 33 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes (23 11 33 00-0108)</b>		
23 11 33 00-0134 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	1,268.85	355.40
23 11 33 00-0135 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	1,625.09	427.83
23 11 33 00-0136 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	1,907.78	495.99



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0137 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	2,365.23	594.17
23 11 33 00-0138 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	3,097.43	736.77
23 11 33 00-0139 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	4,732.22	890.24
23 11 33 00-0140 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	6,127.40	1,079.38
<b>23 11 33 00-0141 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers (23 11 33 00-0108)</b>		
23 11 33 00-0142 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	727.11	236.94
23 11 33 00-0143 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	939.12	284.40
23 11 33 00-0144 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,032.48	330.49
23 11 33 00-0145 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,295.65	394.66
23 11 33 00-0146 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	1,721.03	493.41
23 11 33 00-0147 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	2,196.18	593.62
23 11 33 00-0148 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	2,994.43	735.10
<b>23 11 33 00-0149 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters (23 11 33 00-0108)</b>		
23 11 33 00-0150 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	594.34	236.94
23 11 33 00-0151 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	685.56	284.40
23 11 33 00-0152 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	779.16	330.49
23 11 33 00-0153 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,052.85	394.66
23 11 33 00-0154 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,052.03	493.41
23 11 33 00-0155 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	1,338.66	593.62
23 11 33 00-0156 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,077.74	735.10
<b>23 11 33 00-0157 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples (23 11 33 00-0108)</b>		
23 11 33 00-0158 EA 2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	108.66	28.44
23 11 33 00-0159 EA 2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	217.10	56.76
23 11 33 00-0160 EA 3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	353.97	43.62
23 11 33 00-0161 EA 3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	405.70	55.32
23 11 33 00-0162 EA 4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	377.05	39.45
23 11 33 00-0163 EA 4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	455.53	59.20
23 11 33 00-0164 EA 6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	673.92	71.13
23 11 33 00-0165 EA 8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	361.96	82.89
23 11 33 00-0166 EA 8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	494.32	118.35
23 11 33 00-0167 EA 10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	600.91	84.22
23 11 33 00-0168 EA 10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	901.89	126.17
23 11 33 00-0169 EA 12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	700.22	86.89
23 11 33 00-0170 EA 12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple .....	918.46	130.33
<b>23 11 33 00-0171 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges (23 11 33 00-0108)</b>		
23 11 33 00-0172 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange .....	556.52	295.51
23 11 33 00-0173 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange .....	782.41	394.66
23 11 33 00-0174 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange .....	967.41	472.38
23 11 33 00-0175 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,286.09	593.62
23 11 33 00-0176 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,762.32	735.10
<b>23 12 Facility Fuel Pumps (23 10)</b>		
<b>23 12 13 Facility Fuel-Oil Pumps (23 12)</b>		
<b>23 12 13 00-0001 Cast Iron Internal Gear Rotary Pump (23 12 13)</b>		
Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
<b>23 12 13 00-0002 10 GPM 1" Discharge (23 12 13 00-0001)</b>		
23 12 13 00-0003 EA 10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge .....	1,757.48	186.16
23 12 13 00-0004 EA 10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge .....	1,802.98	225.33
23 12 13 00-0005 EA 10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge .....	1,943.95	267.69

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 12 Facility Fuel Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 13 00-0006			<b>25 GPM 1-1/4" Discharge</b> <small>(23 12 13 00-0001)</small>		
23 12 13 00-0007	EA		25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge.....	1,779.53	186.16
23 12 13 00-0008	EA		25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge.....	1,856.83	225.33
23 12 13 00-0009	EA		25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge.....	1,934.04	267.69
23 12 13 00-0010			<b>Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI</b> <small>(23 12 13)</small>		
23 12 13 00-0011	EA		1/4 HP Pump Fuel Oil/Diesel.....	1,273.06	104.31
23 12 13 00-0012	EA		1/3 HP Pump Fuel Oil/Diesel.....	1,509.36	116.84
23 12 13 00-0013	EA		1/2 HP Pump Fuel Oil/Diesel.....	1,643.28	130.95
23 12 13 00-0014	EA		3/4 HP Pump Fuel Oil/Diesel.....	1,782.32	147.65
23 12 13 00-0015	EA		1 HP Pump Fuel Oil/Diesel.....	2,601.06	164.34
23 12 13 00-0016	EA		1-1/2 HP Pump Fuel Oil/Diesel.....	3,218.30	183.92
23 12 13 00-0017	EA		2 HP Pump Fuel Oil/Diesel.....	3,561.62	206.06
23 12 13 00-0018	EA		3 HP Pump Fuel Oil/Diesel.....	4,387.78	230.46
23 12 13 00-0019	EA		5 HP Pump Fuel Oil/Diesel.....	5,201.06	258.39
23 12 13 00-0020	EA		7.5 HP Pump Fuel Oil/Diesel.....	5,822.09	289.84
23 12 13 00-0021	EA		10 HP Pump Fuel Oil/Diesel.....	6,527.95	324.89
23 12 23			<b>Facility Natural-Gas Pumps</b> <small>(23 12)</small>		
23 12 23 00-0001			<b>Natural Gas Booster Pump</b> <small>(23 12 23)</small>		
23 12 23 00-0002	EA		Natural Gas Booster Pump, 3/4" Outlet Size.....	634.87	96.29
23 12 23 00-0003	EA		Natural Gas Booster Pump, 1" Outlet Size.....	751.62	107.52
23 12 23 00-0004	EA		Natural Gas Booster Pump, 1-1/4" Outlet Size.....	840.97	112.35
23 12 23 00-0005	EA		Natural Gas Booster Pump, 1-1/2" Outlet Size.....	952.09	117.16
23 12 23 00-0006	EA		Natural Gas Booster Pump, 2" Outlet Size.....	1,074.53	120.37
23 13			<b>Facility Fuel-Storage Tanks</b> <small>(23 10)</small>		
23 13 13			<b>Facility Underground Fuel-Oil, Storage Tanks</b> <small>(23 13)</small>		
23 13 13 13			<b>Double-Wall Steel, Underground Fuel-Oil, Storage Tanks</b> <small>(23 13 13)</small>		
23 13 13 13-0001			<b>Coated Underground Double Wall Storage Tanks</b> <small>(23 13 13 13)</small>		
			Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
23 13 13 13-0002	EA		250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	4,590.71	403.34
23 13 13 13-0003	EA		550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	4,937.56	403.34
23 13 13 13-0004	EA		1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	7,081.03	504.15
23 13 13 13-0005	EA		2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	9,899.42	984.72
23 13 13 13-0006	EA		3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	15,555.34	1,266.00
23 13 13 13-0007	EA		4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	17,359.10	1,454.04
23 13 13 13-0008	EA		5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	18,981.12	1,922.54
23 13 13 13-0009	EA		6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	19,680.32	2,064.18
23 13 13 13-0010	EA		8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	23,963.93	2,438.57
23 13 13 13-0011	EA		10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	27,745.69	2,812.71
23 13 13 13-0012	EA		12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	35,146.48	3,093.11
23 13 13 13-0013	EA		14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	41,726.24	3,755.53
23 13 13 13-0014	EA		15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	43,173.35	3,985.59
23 13 13 13-0015	EA		20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	53,955.84	6,321.98
23 13 13 13-0016	EA		25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	66,603.45	8,198.06
23 13 13 13-0017	EA		30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	78,282.69	9,380.07
23 13 13 13-0018	EA		40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	99,324.08	10,083.57
23 13 13 13-0019	EA		48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars.....	132,281.97	10,342.15
23 13 13 23			<b>Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks</b> <small>(23 13 13)</small>		
23 13 13 23-0001			<b>Underground Fiberglass Storage Tanks</b> <small>(23 13 13 23)</small>		
23 13 13 23-0002			<b>Single Wall Fiberglass Underground Storage Tanks</b> <small>(23 13 13 23-0001)</small>		
			Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0003	EA		550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	2,133.05	403.34
23 13 13 23-0004	EA		1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	2,679.10	504.15
23 13 13 23-0005	EA		2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	3,482.91	623.77
23 13 13 23-0006	EA		2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	3,960.40	759.79
23 13 13 23-0007	EA		3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	4,435.14	891.10
23 13 13 23-0008	EA		4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	5,403.56	1,172.51
23 13 13 23-0009	EA		5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	6,477.79	1,782.21
23 13 13 23-0010	EA		6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	7,348.14	2,251.21
23 13 13 23-0011	EA		8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	8,797.53	2,532.61
23 13 13 23-0012	EA		10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	9,920.03	3,001.62
23 13 13 23-0013	EA		12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	12,746.88	3,564.43
23 13 13 23-0014	EA		15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	15,685.88	4,455.53
23 13 13 23-0015	EA		20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	19,826.53	5,956.34
23 13 13 23-0016	EA		25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	29,485.67	7,410.26
23 13 13 23-0017	EA		30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps.....	36,104.87	8,911.07





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0018 EA 40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps .....	51,588.60	12,897.60
23 13 13 23-0019 EA 50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps .....	73,258.22	16,415.13
<b>23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks</b> <small>(23 13 13 23-0001)</small>		
Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0021 EA 550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	4,082.80	403.34
23 13 13 23-0022 EA 1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	5,378.50	504.15
23 13 13 23-0023 EA 2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	6,449.16	609.70
23 13 13 23-0024 EA 3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	8,395.14	891.17
23 13 13 23-0025 EA 4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	9,446.06	1,172.51
23 13 13 23-0026 EA 5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	10,921.79	1,782.21
23 13 13 23-0027 EA 6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	12,188.14	2,251.21
23 13 13 23-0028 EA 8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	14,957.53	2,532.61
23 13 13 23-0029 EA 10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	16,080.03	3,001.62
23 13 13 23-0030 EA 12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	19,456.88	3,564.43
23 13 13 23-0031 EA 15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	26,713.38	4,455.53
23 13 13 23-0032 EA 20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	33,136.53	5,956.34
23 13 13 23-0033 EA 30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps .....	51,174.87	8,911.07
<b>23 13 13 23-0034 Underground Storage Tank Pump Enclosures</b> <small>(23 13 13 23)</small>		
23 13 13 23-0035 EA Secondary Containment Collar .....	649.25	
23 13 13 23-0036 EA Turbine Enclosure With Lid 4' Long x 42" Diameter .....	649.25	
23 13 13 23-0037 EA Fitting Kit For Turbine Enclosure .....	129.85	
23 13 13 23-0038 EA Grommet Kits For Plumbing And Electrical .....	259.70	
23 13 13 23-0039 EA Turbine Electrical Coupling Kit .....	324.63	
<b>23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks</b> <small>(23 13)</small>		
<b>23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks</b> <small>(23 13 23)</small>		
<b>23 13 23 13-0001 Fuel Day Tank</b> <small>(23 13 23 13)</small>		
Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002 EA 10 Gallon Double Wall Steel Day Tank; Tramont TRX .....	836.67	83.66
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0003 EA 15 Gallon Double Wall Steel Day Tank; Tramont TRX .....	899.11	87.84
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0004 EA 25 Gallon Double Wall Steel Day Tank; Tramont TRX .....	976.40	94.12
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0005 EA 50 Gallon Double Wall Steel Day Tank; Tramont TRX .....	1,124.27	100.40
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0006 EA 60 Gallon Double Wall Steel Day Tank; Tramont TRX .....	1,256.07	104.58
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0007 EA 75 Gallon Double Wall Steel Day Tank; Tramont TRX .....	1,480.05	125.50
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0008 EA 100 Gallon Double Wall Steel Day Tank; Tramont TRX .....	1,999.06	146.41
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0009 EA 150 Gallon Double Wall Steel Day Tank; Tramont TRX .....	2,535.72	167.32
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0010 EA 200 Gallon Double Wall Steel Day Tank; Tramont TRX .....	3,261.50	188.24
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0011 EA 275 Gallon Double Wall Steel Day Tank; Tramont TRX .....	3,635.52	209.15
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0012 EA 300 Gallon Double Wall Steel Day Tank; Tramont TRX .....	4,156.61	250.99
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0013 EA 350 Gallon Double Wall Steel Day Tank; Tramont TRX .....	4,652.48	292.82
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0014 EA 400 Gallon Double Wall Steel Day Tank; Tramont TRX .....	5,163.49	334.65
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0015 EA 450 Gallon Double Wall Steel Day Tank; Tramont TRX .....	5,735.45	355.56
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0016 EA 500 Gallon Double Wall Steel Day Tank; Tramont TRX .....	6,311.20	376.48
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0017 EA 550 Gallon Double Wall Steel Day Tank; Tramont TRX .....	6,966.38	397.39
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0018 EA 600 Gallon Double Wall Steel Day Tank; Tramont TRX .....	7,538.35	418.31
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0019 EA 700 Gallon Double Wall Steel Day Tank; Tramont TRX .....	8,383.83	501.97
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0020 EA 800 Gallon Double Wall Steel Day Tank; Tramont TRX .....	9,042.35	543.80
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0021 EA 900 Gallon Double Wall Steel Day Tank; Tramont TRX .....	9,914.31	627.47
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0022 EA 1,000 Gallon Double Wall Steel Day Tank; Tramont TRX .....	10,790.06	711.12
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0023 EA 10 Gallon Double Wall Steel Day Tank; Tramont UTRX .....	1,020.75	83.66
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0024 EA 15 Gallon Double Wall Steel Day Tank; Tramont UTRX .....	1,084.45	87.84
Note: Includes rust-inhibitor coated interior and gray painted exterior.		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0025 EA 25 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,161.74	94.12
23 13 23 13-0026 EA 50 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,308.35	100.40
23 13 23 13-0027 EA 60 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,440.14	104.58
23 13 23 13-0028 EA 75 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,665.39	125.50
23 13 23 13-0029 EA 100 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,202.05	146.41
23 13 23 13-0030 EA 150 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,738.71	167.32
23 13 23 13-0031 EA 200 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,464.49	188.24
23 13 23 13-0032 EA 275 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,838.51	209.15
23 13 23 13-0033 EA 300 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,359.60	250.99
23 13 23 13-0034 EA 350 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,855.47	292.82
23 13 23 13-0035 EA 400 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,366.48	334.65
23 13 23 13-0036 EA 450 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,938.44	355.56
23 13 23 13-0037 EA 500 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,514.19	376.48
23 13 23 13-0038 EA 550 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,170.63	397.39
23 13 23 13-0039 EA 600 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,742.60	418.31
23 13 23 13-0040 EA 700 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,586.82	501.97
23 13 23 13-0041 EA 800 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,245.34	543.80
23 13 23 13-0042 EA 900 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,117.30	627.47
23 13 23 13-0043 EA 1,000 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,993.05	711.12
23 13 23 13-0044 EA 10 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,717.97	83.66
23 13 23 13-0045 EA 15 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,774.12	87.84
23 13 23 13-0046 EA 25 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,823.66	94.12
23 13 23 13-0047 EA 50 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,020.71	100.40
23 13 23 13-0048 EA 60 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,094.50	104.58
23 13 23 13-0049 EA 75 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,310.92	125.50
23 13 23 13-0050 EA 100 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,783.28	146.41
23 13 23 13-0051 EA 150 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,519.15	167.32
23 13 23 13-0052 EA 200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,957.47	188.24
23 13 23 13-0053 EA 275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,186.32	209.15
23 13 23 13-0054 EA 300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,856.18	250.99
23 13 23 13-0055 EA 350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,253.70	292.82
23 13 23 13-0056 EA 400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,800.02	334.65
23 13 23 13-0057 EA 450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,345.51	355.56
23 13 23 13-0058 EA 500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,067.51	376.48
23 13 23 13-0059 EA 550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,363.36	397.39
23 13 23 13-0060 EA 600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,627.68	418.31
23 13 23 13-0061 EA 700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,860.24	501.97
23 13 23 13-0062 EA 800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,069.73	543.80
23 13 23 13-0063 EA 900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,377.93	627.47
23 13 23 13-0064 EA 1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,707.57	711.12
23 13 23 13-0065 EA 10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,550.11	83.66
23 13 23 13-0066 EA 15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,606.25	87.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0067 EA 25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,655.80	94.12
23 13 23 13-0068 EA 50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,852.85	100.40
23 13 23 13-0069 EA 60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,926.64	104.58
23 13 23 13-0070 EA 75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,143.05	125.50
23 13 23 13-0071 EA 100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,615.42	146.41
23 13 23 13-0072 EA 150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,351.29	167.32
23 13 23 13-0073 EA 200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,845.08	188.24
23 13 23 13-0074 EA 275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,728.47	209.15
23 13 23 13-0075 EA 300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,398.33	250.99
23 13 23 13-0076 EA 350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,797.11	292.82
23 13 23 13-0077 EA 400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,342.17	334.65
23 13 23 13-0078 EA 450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,888.92	355.56
23 13 23 13-0079 EA 500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,609.66	376.48
23 13 23 13-0080 EA 550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,905.51	397.39
23 13 23 13-0081 EA 600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,169.83	418.31
23 13 23 13-0082 EA 700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,402.39	501.97
23 13 23 13-0083 EA 800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,613.14	543.80
23 13 23 13-0084 EA 900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,920.08	627.47
23 13 23 13-0085 EA 1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE ..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,249.72	711.12
23 13 23 13-0086 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,015.35	83.66
23 13 23 13-0087 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,077.79	87.84
23 13 23 13-0088 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,128.60	94.12
23 13 23 13-0089 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,331.95	100.40
23 13 23 13-0090 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,441.05	104.58
23 13 23 13-0091 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,637.29	125.50
23 13 23 13-0092 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,128.57	146.41
23 13 23 13-0093 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,899.74	167.32
23 13 23 13-0094 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,354.45	188.24
23 13 23 13-0095 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,631.21	209.15
23 13 23 13-0096 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,336.37	250.99
23 13 23 13-0097 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,694.81	292.82
23 13 23 13-0098 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,316.77	334.65
23 13 23 13-0099 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,978.26	355.56
23 13 23 13-0100 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,643.52	376.48

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,975.93	397.39
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,221.35	418.31
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,510.64	501.97
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,779.39	543.80
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,146.85	627.47
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,533.23	711.12
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,847.48	83.66
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,909.93	87.84
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,960.73	94.12
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,164.09	100.40
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,273.18	104.58
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,466.91	125.50
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,960.70	146.41
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,731.87	167.32
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,186.58	188.24
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,173.35	209.15
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,878.52	250.99
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,363.04	292.82
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,858.92	334.65
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,520.41	355.56
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,185.67	376.48
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,518.08	397.39
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,764.76	418.31
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,052.79	501.97
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,321.54	543.80
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,688.99	627.47
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,075.38	711.12
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	828.45	83.66
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	898.66	87.84
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	975.69	94.12
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,117.62	100.40



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0132 EA 150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,495.72	104.58
23 13 23 13-0133 EA 150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,530.58	125.50
23 13 23 13-0134 EA 150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	1,928.25	146.41
23 13 23 13-0135 EA 150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	2,390.83	167.32
23 13 23 13-0136 EA 150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	3,151.31	188.24
23 13 23 13-0137 EA 150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	3,968.38	209.15
23 13 23 13-0138 EA 150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	4,763.72	250.99
23 13 23 13-0139 EA 150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	5,111.36	292.82
23 13 23 13-0140 EA 150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	5,460.69	334.65
23 13 23 13-0141 EA 150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	5,999.82	355.56
23 13 23 13-0142 EA 150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	6,540.62	376.48
23 13 23 13-0143 EA 150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	7,009.87	397.39
23 13 23 13-0144 EA 150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	7,484.08	418.31
23 13 23 13-0145 EA 150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	8,458.97	501.97
23 13 23 13-0146 EA 150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	9,394.11	543.80
23 13 23 13-0147 EA 150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	10,425.59	627.47
23 13 23 13-0148 EA 150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	11,420.47	711.12
23 13 23 13-0149 EA 200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	873.70	87.84
23 13 23 13-0150 EA 200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	950.91	94.12
23 13 23 13-0151 EA 200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,031.63	100.40
23 13 23 13-0152 EA 200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,177.38	104.58
23 13 23 13-0153 EA 200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,603.99	125.50
23 13 23 13-0154 EA 200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,638.85	146.41
23 13 23 13-0155 EA 200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,056.68	167.32
23 13 23 13-0156 EA 200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	2,543.02	188.24
23 13 23 13-0157 EA 200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	3,343.81	209.15
23 13 23 13-0158 EA 200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	4,204.33	230.07
23 13 23 13-0159 EA 200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	5,039.98	271.90
23 13 23 13-0160 EA 200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	5,403.08	313.73
23 13 23 13-0161 EA 200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	5,767.93	355.56
23 13 23 13-0162 EA 200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	6,335.08	376.48
23 13 23 13-0163 EA 200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	6,903.99	397.39
23 13 23 13-0164 EA 200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	7,397.37	418.31
23 13 23 13-0165 EA 200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	7,930.84	460.14
23 13 23 13-0166 EA 200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	8,952.16	543.80
23 13 23 13-0167 EA 200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	10,005.09	627.47
23 13 23 13-0168 EA 200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	11,086.13	711.12
23 13 23 13-0169 EA 200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	12,128.52	794.79
23 13 23 13-0170 EA 150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	959.92	83.66
23 13 23 13-0171 EA 150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,046.78	87.84
23 13 23 13-0172 EA 150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,133.80	94.12
23 13 23 13-0173 EA 150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,309.01	100.40
23 13 23 13-0174 EA 150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	1,758.67	104.58
23 13 23 13-0175 EA 150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	1,793.53	125.50
23 13 23 13-0176 EA 150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	2,251.12	146.41
23 13 23 13-0177 EA 150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	2,791.92	167.32
23 13 23 13-0178 EA 150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	3,688.41	188.24
23 13 23 13-0179 EA 150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	4,694.00	209.15
23 13 23 13-0180 EA 150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	5,637.46	250.99
23 13 23 13-0181 EA 150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	6,036.69	292.82
23 13 23 13-0182 EA 150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	6,439.28	334.65
23 13 23 13-0183 EA 150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	7,083.26	355.56
23 13 23 13-0184 EA 150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	7,728.91	376.48
23 13 23 13-0185 EA 150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	8,276.36	397.39
23 13 23 13-0186 EA 150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	8,837.13	418.31
23 13 23 13-0187 EA 150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	9,986.77	501.97
23 13 23 13-0188 EA 150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	11,098.32	543.80
23 13 23 13-0189 EA 150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	12,304.55	627.47
23 13 23 13-0190 EA 150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	13,474.17	711.12
23 13 23 13-0191 EA 200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,012.48	87.84
23 13 23 13-0192 EA 200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,107.26	94.12
23 13 23 13-0193 EA 200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,198.52	100.40
23 13 23 13-0194 EA 200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,379.41	104.58
23 13 23 13-0195 EA 200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	1,881.56	125.50
23 13 23 13-0196 EA 200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	1,916.42	146.41
23 13 23 13-0197 EA 200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	2,397.48	167.32
23 13 23 13-0198 EA 200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	2,966.39	188.24
23 13 23 13-0199 EA 200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	3,910.76	209.15
23 13 23 13-0200 EA 200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	4,970.27	230.07
23 13 23 13-0201 EA 200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	5,962.26	271.90
23 13 23 13-0202 EA 200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	6,379.82	313.73
23 13 23 13-0203 EA 200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	6,800.89	355.56
23 13 23 13-0204 EA 200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	7,478.71	376.48
23 13 23 13-0205 EA 200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	8,158.29	397.39
23 13 23 13-0206 EA 200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	8,734.22	418.31
23 13 23 13-0207 EA 200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	9,359.06	460.14
23 13 23 13-0208 EA 200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	10,564.83	543.80
23 13 23 13-0209 EA 200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	11,803.98	627.47
23 13 23 13-0210 EA 200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	13,069.48	711.12
23 13 23 13-0211 EA 200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	14,296.32	794.79

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)****23 13 23 16-0001****Single Wall Aboveground Storage Tanks (23 13 23 16)**

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA	275 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	1,651.03	454.70
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	1,987.61	550.42
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,621.98	704.92
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,368.90	881.15
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,125.93	1,152.43
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,836.27	1,186.33
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,304.79	1,466.73
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	11,171.52	1,680.60
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	13,196.47	1,833.37
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	15,240.81	2,016.72
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	16,877.45	2,240.77
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	21,138.80	2,880.99
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	28,475.13	3,361.19

**23 13 23 16-0015****Double Wall Aboveground Storage Tanks (23 13 23 16)**

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA	275 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,506.06	567.37
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,014.89	686.59
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,991.67	881.15
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,142.68	1,101.43
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,226.49	1,440.53
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	9,070.54	1,482.87
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	13,028.86	1,826.74
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	17,712.00	2,100.76
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	21,012.42	2,291.74
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	24,327.24	2,520.86
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	26,935.18	2,801.01
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	33,691.86	3,601.26
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	45,692.72	4,201.46

**23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)****23 13 23 19-0001****Secondary Containment For Above Ground Tanks (23 13 23 19)**

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated.....	2,928.03	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated.....	3,538.10	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated.....	7,725.21	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated.....	8,457.55	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated.....	12,017.52	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated.....	13,463.79	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated.....	17,773.17	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated.....	20,857.69	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated.....	23,697.58	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated.....	28,855.46	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated.....	36,940.10	

**23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)****23 13 23 26-0001****Aboveground Concrete Vaulted Storage Tanks (23 13 23 26)**

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank.....	16,238.78	872.29
		For Low Profile Tanks, Add	6,008.66	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank.....	20,456.76	984.72
		For Low Profile Tanks, Add	7,633.09	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank.....	36,319.32	1,172.51
		For Low Profile Tanks, Add	13,873.30	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank.....	57,513.79	2,578.96
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank.....	65,712.89	2,816.65
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank.....	73,961.86	3,041.77
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank.....	82,197.98	3,300.72
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank.....	90,430.01	3,513.47



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**23 13 33 Facility Fuel-Oil, Storage Tank Accessories (23 13)**

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 13 33 00-0001 EPA Requirements (23 13 33)</b>			
23 13 33 00-0002	EA Fill Pipe Spill Containment Manhole (5 Gallon).....	395.61	
23 13 33 00-0003	EA Over-Fill Prevention Valve.....	515.14	
23 13 33 00-0004	EA Tank Manway With Cover, Fiberglass.....	1,416.22	
23 13 33 00-0005	EA Tank Manway With Cover, Steel.....	1,320.47	
23 13 33 00-0006	EA Vent Fill Alarm (Whistle Vent).....	70.21	
23 13 33 00-0007	EA Reservoir Sensor, Liquid Level.....	176.13	
23 13 33 00-0008	EA Manhole Spill Containment.....	666.62	156.79
23 13 33 00-0009	EA Fill Adapter, 4".....	167.38	104.55
23 13 33 00-0010	EA Fill Cap, 4".....	110.94	39.20
23 13 33 00-0011	EA Vent Cap, 2".....	68.79	26.15
23 13 33 00-0012	EA 4" X 2" Extractor Fitting.....	192.19	39.20
23 13 33 00-0013	EA Float Vent Valve.....	207.66	78.39
23 13 33 00-0014	EA Vapor Hose Adapter.....	196.21	52.24
23 13 33 00-0015	EA Dust Cap.....	89.57	28.54
23 13 33 00-0016	EA 1" Double Poppet Foot Valve.....	203.26	44.78
23 13 33 00-0017	EA 10' Wood Gage Stick.....	11.94	
23 13 33 00-0018	EA 1-1/4" Tank Filled Breather, NPT.....	65.39	
23 13 33 00-0019	EA 1-1/2" Tank Filled Breather, Bayonet.....	85.47	
23 13 33 00-0020	EA 2" Cast Iron Combination Fill Cap And Vent.....	46.35	
23 13 33 00-0021	EA 3" Cast Iron Combination Fill Cap And Vent.....	62.07	
23 13 33 00-0022	EA 4" Cast Iron Combination Fill Cap And Vent.....	96.62	
23 13 33 00-0023	EA Pressure And Vacuum Control Vent.....	354.73	
23 13 33 00-0024	EA 1/4 HP Fuel/Diesel Pump Set.....	968.76	
23 13 33 00-0025	EA 1/3 HP Fuel/Diesel Pump Set.....	1,145.67	
23 13 33 00-0026	EA 1/2 HP Fuel/Diesel Pump Set.....	1,248.87	
23 13 33 00-0027	EA 3/4 HP Fuel/Diesel Pump Set.....	1,369.10	
23 13 33 00-0028	EA 1 HP Fuel/Diesel Pump Set.....	1,956.68	
23 13 33 00-0029	EA 1-1/2 HP Fuel/Diesel Pump Set.....	2,415.46	
23 13 33 00-0030	EA 2 HP Fuel/Diesel Pump Set.....	2,674.32	
23 13 33 00-0031	EA 3 HP Fuel/Diesel Pump Set.....	3,285.68	
23 13 33 00-0032	EA 5 HP Fuel/Diesel Pump Set.....	3,888.84	
23 13 33 00-0033	EA 7.5 HP Fuel/Diesel Pump Set.....	4,353.11	
23 13 33 00-0034	EA 10 HP Fuel/Diesel Pump Set.....	5,027.31	

**23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)**

**23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)**

**23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0038	EA 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	24.77	
23 13 33 00-0039	EA 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	27.66	
23 13 33 00-0040	EA 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	30.39	
23 13 33 00-0041	EA 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	36.35	
23 13 33 00-0042	EA 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	37.69	
23 13 33 00-0043	EA 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	48.67	
23 13 33 00-0044	EA 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	75.22	
23 13 33 00-0045	EA 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	128.83	

**23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0047	EA 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	28.40	
23 13 33 00-0048	EA 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	31.28	
23 13 33 00-0049	EA 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	34.16	
23 13 33 00-0050	EA 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	42.21	
23 13 33 00-0051	EA 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	45.08	
23 13 33 00-0052	EA 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	55.36	
23 13 33 00-0053	EA 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	84.15	
23 13 33 00-0054	EA 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	141.51	

**23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0056	EA 1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	29.23	
23 13 33 00-0057	EA 3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	33.66	
23 13 33 00-0058	EA 1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	37.93	
23 13 33 00-0059	EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	48.71	
23 13 33 00-0060	EA 2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	62.88	
23 13 33 00-0061	EA 3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	96.28	
23 13 33 00-0062	EA 4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	149.05	

**23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection (23 13 33 00-0036)**

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 10 Facility Fuel Systems**

**23 13 Facility Fuel-Storage Tanks**



**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0064	EA		1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	33.84	
23 13 33 00-0065	EA		3/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	39.80	
23 13 33 00-0066	EA		1" Polypropylene Bulkhead Fitting, Thread x Thread.....	48.66	
23 13 33 00-0067	EA		1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	58.94	
23 13 33 00-0068	EA		1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	60.28	
23 13 33 00-0069	EA		2" Polypropylene Bulkhead Fitting, Thread x Thread.....	85.05	
23 13 33 00-0070	EA		3" Polypropylene Bulkhead Fitting, Thread x Thread.....	149.82	
23 13 33 00-0071	EA		4" Polypropylene Bulkhead Fitting, Thread x Thread.....	264.77	
<b>23 13 33 00-0072</b>			<b>Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection (23 13 33 00-0036)</b>		
23 13 33 00-0073	EA		3/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	30.31	
23 13 33 00-0074	EA		1" Polyethylene Bulkhead Fitting, Thread x Thread.....	38.58	
23 13 33 00-0075	EA		1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	39.93	
23 13 33 00-0076	EA		1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread.....	41.27	
23 13 33 00-0077	EA		2" Polyethylene Bulkhead Fitting, Thread x Thread.....	56.47	
23 13 33 00-0078	EA		3" Polyethylene Bulkhead Fitting, Thread x Thread.....	70.80	
<b>23 13 33 00-0079</b>			<b>TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)</b>		
23 13 33 00-0080	EA		1/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	120.82	
23 13 33 00-0081	EA		1/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	138.10	
23 13 33 00-0082	EA		3/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	169.44	
23 13 33 00-0083	EA		1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	195.15	
23 13 33 00-0084	EA		3/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	224.76	
23 13 33 00-0085	EA		1" TFE Teflon Bulkhead Fitting, Thread x Thread.....	282.67	
23 13 33 00-0086	EA		1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	366.83	
23 13 33 00-0087	EA		2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	405.19	
<b>23 13 33 00-0088</b>			<b>Self-Aligning Bulkhead Fittings (23 13 33 00-0035)</b>		
23 13 33 00-0089	EA		3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	124.46	
23 13 33 00-0090	EA		1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	124.87	
23 13 33 00-0091	EA		1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	181.40	
23 13 33 00-0092	EA		2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	185.37	
23 13 33 00-0093	EA		3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	249.03	

**23 20 HVAC Piping And Pumps (23)**

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

**23 21 Hydronic Piping And Pumps (23 20)**

**23 21 13 Hydronic Piping (23 21)**

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

**23 21 13 23 Aboveground Hydronic Piping (23 21 13)**

**23 21 13 23-0001 Threaded Black Steel Pipe (23 21 13 23)**

**23 21 13 23-0002 Threaded Black Steel Pipe Assemblies (23 21 13 23-0001)**

Note: ASTM A-53. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0003	LF		1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	10.79	2.48
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	2.52	
			<i>For Work In Restricted Working Space, Add</i>	2.56	
23 21 13 23-0004	LF		3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	11.56	2.66
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	2.73	
			<i>For Work In Restricted Working Space, Add</i>	2.68	
23 21 13 23-0005	LF		1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	12.45	2.92
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	2.98	
			<i>For Work In Restricted Working Space, Add</i>	2.82	
23 21 13 23-0006	LF		1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	14.53	3.04
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.61	
			<i>For Work In Restricted Working Space, Add</i>	3.05	
23 21 13 23-0007	LF		1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly.....	15.10	3.59
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.79	
			<i>For Work In Restricted Working Space, Add</i>	3.09	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.52 4.45 3.48	4.34
23 21	13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.01 6.34 4.32	5.14
23 21	13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.21 8.05 5.29	6.88
23 21	13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.90 10.80 5.33	7.38
23 21	13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.83 16.71 6.35	9.43
23 21	13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly ..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.29 20.03 7.20	11.16
23 21	13 23-0014		<b>Threaded Black Steel Pipe And Fittings</b> (23 21 13 23-0001) Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21	13 23-0015		<b>Threaded And Coupled, Black Steel Piping</b> (23 21 13 23-0014) Note: ASTM A-53. Includes coupling.		
23 21	13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	3.76 0.60 0.94	1.55
23 21	13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	4.81 0.85 1.13	2.48
23 21	13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.36 1.02 1.20	2.66
23 21	13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.16 1.25 1.30	2.92
23 21	13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.03 1.56 1.38	3.04
23 21	13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.31 1.85 1.62	3.59
23 21	13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.35 2.37 1.96	4.34
23 21	13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.79 3.49 2.33	5.14
23 21	13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.24 4.59 3.10	6.88
23 21	13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.92 6.43 3.33	7.38
23 21	13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.84 8.48 4.24	9.43
23 21	13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.43 11.00 5.01	11.16
23 21	13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.91 15.85 6.05	13.48
23 21	13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.16 22.04 7.40	16.42
23 21	13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.86 29.56 9.71	21.59
23 21	13 23-0031		<b>Black Malleable Iron 90 Degree Elbows</b> (23 21 13 23-0014)		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow.....	15.50	6.88
			<i>For 300 LB Rating, Add</i>	4.98	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	4.13	
23 21	13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow.....	17.72	11.03
			<i>For 300 LB Rating, Add</i>	3.87	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.02	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21	13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow.....	19.94	12.33
			<i>For 300 LB Rating, Add</i>	4.59	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.02	
			<i>For Work In Restricted Working Space, Add</i>	5.55	
23 21	13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow.....	23.17	13.76
			<i>For 300 LB Rating, Add</i>	7.29	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	6.20	
23 21	13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow .....	27.53	15.62
			<i>For 300 LB Rating, Add</i>	11.36	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
			<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21	13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow .....	31.83	17.59
			<i>For 300 LB Rating, Add</i>	14.69	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21	13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow.....	42.90	22.37
			<i>For 300 LB Rating, Add</i>	24.59	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.15	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21	13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow .....	70.54	33.09
			<i>For 300 LB Rating, Add</i>	53.30	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.34	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21	13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow.....	95.91	43.50
			<i>For 300 LB Rating, Add</i>	77.57	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.49	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21	13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow.....	130.64	43.16
			<i>For 300 LB Rating, Add</i>	162.07	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.05	
			<i>For Work In Restricted Working Space, Add</i>	19.42	
23 21	13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow.....	260.15	45.05
			<i>For 300 LB Rating, Add</i>	466.29	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.08	
			<i>For Work In Restricted Working Space, Add</i>	20.27	
23 21	13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow.....	293.09	47.10
			<i>For 300 LB Rating, Add</i>	538.19	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.56	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
23 21	13 23-0044		<b>Black Malleable Iron Reducing 90 Degree Elbows</b> <small>(23 21 13 23-0014)</small>		
23 21	13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	17.43	10.10
			<i>For 300 LB Rating, Add</i>	6.40	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	19.86	11.65
			<i>For 300 LB Rating, Add</i>	6.69	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	5.25	
23 21	13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	19.42	10.78
			<i>For 300 LB Rating, Add</i>	8.86	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
			<i>For Work In Restricted Working Space, Add</i>	4.84	
23 21	13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	22.59	13.07
			<i>For 300 LB Rating, Add</i>	8.42	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
			<i>For Work In Restricted Working Space, Add</i>	5.87	
23 21	13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	21.85	12.39
			<i>For 300 LB Rating, Add</i>	8.94	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
			<i>For Work In Restricted Working Space, Add</i>	5.58	
23 21	13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	23.63	11.46
			<i>For 300 LB Rating, Add</i>	16.44	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.10	
			<i>For Work In Restricted Working Space, Add</i>	5.16	
23 21	13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	27.09	14.69
			<i>For 300 LB Rating, Add</i>	13.51	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
			<i>For Work In Restricted Working Space, Add</i>	6.60	
23 21	13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	26.60	13.94
			<i>For 300 LB Rating, Add</i>	14.86	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
			<i>For Work In Restricted Working Space, Add</i>	6.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0053 EA 1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	26.57	13.33
<i>For 300 LB Rating, Add</i>	17.09	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
<i>For Work In Restricted Working Space, Add</i>	5.99	
23 21 13 23-0054 EA 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	32.04	16.60
<i>For 300 LB Rating, Add</i>	18.70	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
<i>For Work In Restricted Working Space, Add</i>	7.46	
23 21 13 23-0055 EA 1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	30.67	15.68
<i>For 300 LB Rating, Add</i>	18.62	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
<i>For Work In Restricted Working Space, Add</i>	7.05	
23 21 13 23-0056 EA 1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	30.63	14.93
<i>For 300 LB Rating, Add</i>	21.03	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.13	
<i>For Work In Restricted Working Space, Add</i>	6.73	
23 21 13 23-0057 EA 2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	40.32	19.95
<i>For 300 LB Rating, Add</i>	26.73	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.17	
<i>For Work In Restricted Working Space, Add</i>	8.98	
23 21 13 23-0058 EA 2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	40.24	18.96
<i>For 300 LB Rating, Add</i>	30.03	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
<i>For Work In Restricted Working Space, Add</i>	8.53	
23 21 13 23-0059 EA 2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	38.87	18.03
<i>For 300 LB Rating, Add</i>	29.94	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
<i>For Work In Restricted Working Space, Add</i>	8.12	
23 21 13 23-0060 EA 2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	38.51	17.35
<i>For 300 LB Rating, Add</i>	31.58	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.20	
<i>For Work In Restricted Working Space, Add</i>	7.80	
23 21 13 23-0061 EA 2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	70.03	27.69
<i>For 300 LB Rating, Add</i>	70.89	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.46	
<i>For Work In Restricted Working Space, Add</i>	12.46	
23 21 13 23-0062 EA 2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	68.15	25.34
<i>For 300 LB Rating, Add</i>	74.71	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.48	
<i>For Work In Restricted Working Space, Add</i>	11.39	
23 21 13 23-0063 EA 3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	110.73	38.29
<i>For 300 LB Rating, Add</i>	131.46	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.85	
<i>For Work In Restricted Working Space, Add</i>	17.22	
23 21 13 23-0064 EA 3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	95.44	32.90
<i>For 300 LB Rating, Add</i>	113.55	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.74	
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 21 13 23-0065 EA 4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow .....	152.74	41.06
<i>For 300 LB Rating, Add</i>	222.50	
<i>For Standard Weight Cast Iron Fittings, Add</i>	1.46	
<i>For Work In Restricted Working Space, Add</i>	18.47	
<b>23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows (23 21 13 23-0014)</b>		
23 21 13 23-0067 EA 3/8", 150 LB, Black Malleable Iron 45 Degree Elbow.....	16.38	6.88
<i>For 300 LB Rating, Add</i>	7.09	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
<i>For Work In Restricted Working Space, Add</i>	4.13	
23 21 13 23-0068 EA 1/2", 150 LB, Black Malleable Iron 45 Degree Elbow.....	18.50	11.03
<i>For 300 LB Rating, Add</i>	5.74	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21 13 23-0069 EA 3/4", 150 LB, Black Malleable Iron 45 Degree Elbow.....	20.94	12.33
<i>For 300 LB Rating, Add</i>	6.99	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
<i>For Work In Restricted Working Space, Add</i>	5.55	
23 21 13 23-0070 EA 1", 150 LB, Black Malleable Iron 45 Degree Elbow .....	23.74	13.76
<i>For 300 LB Rating, Add</i>	8.66	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
<i>For Work In Restricted Working Space, Add</i>	6.20	
23 21 13 23-0071 EA 1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow .....	28.84	15.62
<i>For 300 LB Rating, Add</i>	14.51	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21 13 23-0072 EA 1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow .....	33.13	17.59
<i>For 300 LB Rating, Add</i>	17.81	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21 13 23-0073 EA 2", 150 LB, Black Malleable Iron 45 Degree Elbow .....	43.71	22.37
<i>For 300 LB Rating, Add</i>	26.54	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.16	
<i>For Work In Restricted Working Space, Add</i>	10.05	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.14 73.94 0.47 14.87	33.09
23 21	13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.63 96.10 0.61 19.57	43.50
23 21	13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.05 184.65 1.21 19.42	43.16
23 21	13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	365.05 718.05 4.76 20.27	45.05
23 21	13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	374.99 734.75 4.87 21.18	47.10
<b>23 21 13 23-0079 Black Malleable Iron Tees (23 21 13 23-0014)</b>					
23 21	13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.73 7.08 0.04 5.16	8.62
23 21	13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.26 5.10 0.03 6.20	13.76
23 21	13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 6.95 0.04 7.15	15.92
23 21	13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.12 11.17 0.06 8.45	18.77
23 21	13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.88 17.35 0.10 10.05	22.37
23 21	13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.93 21.48 0.13 11.99	26.64
23 21	13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.11 35.47 0.22 14.87	33.09
23 21	13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.42 73.99 0.47 19.57	43.50
23 21	13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.46 107.87 0.69 23.24	51.67
23 21	13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	185.73 254.41 1.66 24.53	54.54
23 21	13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	412.13 761.90 5.04 29.13	64.75
23 21	13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	449.04 818.05 5.41 33.29	74.02
<b>23 21 13 23-0092 Black Malleable Iron Reducing Tees (23 21 13 23-0014)</b>					
23 21	13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.38 7.79 0.04 6.20	13.76
23 21	13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.39 9.97 0.06 7.15	15.92



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0095 EA 1", 150 LB, Black Malleable Iron Reducing Tee.....	32.67	18.77
<i>For 300 LB Rating, Add</i>	12.49	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
<i>For Work In Restricted Working Space, Add</i>	8.45	
23 21 13 23-0096 EA 1-1/4", 150 LB, Black Malleable Iron Reducing Tee.....	42.33	22.37
<i>For 300 LB Rating, Add</i>	23.23	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21 13 23-0097 EA 1-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	49.77	26.64
<i>For 300 LB Rating, Add</i>	25.89	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.16	
<i>For Work In Restricted Working Space, Add</i>	11.99	
23 21 13 23-0098 EA 2", 150 LB, Black Malleable Iron Reducing Tee.....	63.79	33.09
<i>For 300 LB Rating, Add</i>	37.10	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.23	
<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21 13 23-0099 EA 2-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	109.51	43.50
<i>For 300 LB Rating, Add</i>	110.21	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.71	
<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21 13 23-0100 EA 3", 150 LB, Black Malleable Iron Reducing Tee.....	128.18	51.67
<i>For 300 LB Rating, Add</i>	126.40	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.81	
<i>For Work In Restricted Working Space, Add</i>	23.24	
23 21 13 23-0101 EA 4", 150 LB, Black Malleable Iron Reducing Tee.....	204.81	54.54
<i>For 300 LB Rating, Add</i>	300.20	
<i>For Standard Weight Cast Iron Fittings, Add</i>	1.97	
<i>For Work In Restricted Working Space, Add</i>	24.53	
23 21 13 23-0102 EA 5", 150 LB, Black Malleable Iron Reducing Tee.....	382.49	64.75
<i>For 300 LB Rating, Add</i>	690.76	
<i>For Standard Weight Cast Iron Fittings, Add</i>	4.57	
<i>For Work In Restricted Working Space, Add</i>	29.13	
23 21 13 23-0103 EA 6", 150 LB, Black Malleable Iron Reducing Tee.....	434.65	74.02
<i>For 300 LB Rating, Add</i>	783.51	
<i>For Standard Weight Cast Iron Fittings, Add</i>	5.18	
<i>For Work In Restricted Working Space, Add</i>	33.29	
<b>23 21 13 23-0104 Black Malleable Iron Couplings (23 21 13 23-0014)</b>		
23 21 13 23-0105 EA 3/8", 150 LB, Black Malleable Iron Coupling.....	15.93	6.88
<i>For 300 LB Rating, Add</i>	6.01	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
<i>For Work In Restricted Working Space, Add</i>	4.13	
23 21 13 23-0106 EA 1/2", 150 LB, Black Malleable Iron Coupling.....	18.18	11.03
<i>For 300 LB Rating, Add</i>	4.98	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21 13 23-0107 EA 3/4", 150 LB, Black Malleable Iron Coupling.....	20.43	12.33
<i>For 300 LB Rating, Add</i>	5.77	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
<i>For Work In Restricted Working Space, Add</i>	5.55	
23 21 13 23-0108 EA 1", 150 LB, Black Malleable Iron Coupling.....	23.56	13.76
<i>For 300 LB Rating, Add</i>	8.22	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
<i>For Work In Restricted Working Space, Add</i>	6.20	
23 21 13 23-0109 EA 1-1/4", 150 LB, Black Malleable Iron Coupling.....	27.15	15.62
<i>For 300 LB Rating, Add</i>	10.45	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.06	
<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21 13 23-0110 EA 1-1/2", 150 LB, Black Malleable Iron Coupling.....	31.46	17.59
<i>For 300 LB Rating, Add</i>	13.80	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21 13 23-0111 EA 2", 150 LB, Black Malleable Iron Coupling.....	41.04	22.37
<i>For 300 LB Rating, Add</i>	20.13	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.12	
<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21 13 23-0112 EA 2-1/2", 150 LB, Black Malleable Iron Coupling.....	70.41	33.09
<i>For 300 LB Rating, Add</i>	52.99	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.33	
<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21 13 23-0113 EA 3", 150 LB, Black Malleable Iron Coupling.....	93.39	43.50
<i>For 300 LB Rating, Add</i>	71.52	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.45	
<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21 13 23-0114 EA 4", 150 LB, Black Malleable Iron Coupling.....	121.46	43.16
<i>For 300 LB Rating, Add</i>	140.04	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.91	
<i>For Work In Restricted Working Space, Add</i>	19.42	
23 21 13 23-0115 EA 5", 150 LB, Black Malleable Iron Coupling.....	227.30	45.05
<i>For 300 LB Rating, Add</i>	387.45	
<i>For Standard Weight Cast Iron Fittings, Add</i>	2.56	
<i>For Work In Restricted Working Space, Add</i>	20.27	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling.....	252.60	47.10
			<i>For 300 LB Rating, Add</i>	441.01	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.91	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
<b>23 21</b>	<b>13 23-0117</b>		<b>Black Malleable Iron Reducing Couplings (23 21 13 23-0014)</b>		
23 21	13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	18.58	11.03
			<i>For 300 LB Rating, Add</i>	5.94	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21	13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling.....	20.67	12.33
			<i>For 300 LB Rating, Add</i>	6.34	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	5.55	
23 21	13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling.....	24.05	13.76
			<i>For 300 LB Rating, Add</i>	9.40	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
			<i>For Work In Restricted Working Space, Add</i>	6.20	
23 21	13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling.....	27.75	15.62
			<i>For 300 LB Rating, Add</i>	11.89	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
			<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21	13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	31.89	17.59
			<i>For 300 LB Rating, Add</i>	14.83	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21	13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling.....	41.49	22.37
			<i>For 300 LB Rating, Add</i>	21.21	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.13	
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21	13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	73.22	33.09
			<i>For 300 LB Rating, Add</i>	59.73	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.38	
			<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21	13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling.....	93.97	43.50
			<i>For 300 LB Rating, Add</i>	72.91	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.46	
			<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21	13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling.....	122.35	43.16
			<i>For 300 LB Rating, Add</i>	142.17	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.92	
			<i>For Work In Restricted Working Space, Add</i>	19.42	
23 21	13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling.....	197.06	45.05
			<i>For 300 LB Rating, Add</i>	314.88	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.07	
			<i>For Work In Restricted Working Space, Add</i>	20.27	
23 21	13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling.....	236.95	47.10
			<i>For 300 LB Rating, Add</i>	403.45	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.66	
			<i>For Work In Restricted Working Space, Add</i>	21.18	
<b>23 21</b>	<b>13 23-0129</b>		<b>Black Malleable Iron Caps (23 21 13 23-0014)</b>		
23 21	13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap.....	8.97	5.14
			<i>For 300 LB Rating, Add</i>	3.39	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.02	
			<i>For Work In Restricted Working Space, Add</i>	2.33	
23 21	13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap.....	9.90	5.52
			<i>For 300 LB Rating, Add</i>	4.43	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	2.48	
23 21	13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap.....	11.52	6.39
			<i>For 300 LB Rating, Add</i>	5.35	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
23 21	13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap.....	12.95	6.88
			<i>For 300 LB Rating, Add</i>	6.91	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap.....	13.93	6.88
			<i>For 300 LB Rating, Add</i>	9.26	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.06	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap.....	18.59	8.86
			<i>For 300 LB Rating, Add</i>	13.42	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21	13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap.....	28.58	11.03
			<i>For 300 LB Rating, Add</i>	29.94	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
			<i>For Work In Restricted Working Space, Add</i>	4.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0137 EA 3", 150 LB, Black Malleable Iron Cap ..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.76 43.87 0.28 5.99	13.33
23 21 13 23-0138 EA 4", 150 LB, Black Malleable Iron Cap ..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.69 74.53 0.49 6.66	14.82
23 21 13 23-0139 EA 5", 150 LB, Black Malleable Iron Cap ..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.42 176.10 1.16 8.32	18.53
23 21 13 23-0140 EA 6", 150 LB, Black Malleable Iron Cap ..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.29 321.76 2.13 9.92	22.03
<b>23 21 13 23-0141 Black Malleable Iron Unions <small>(23 21 13 23-0014)</small></b>		
23 21 13 23-0142 EA 3/8", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	19.59 4.13	6.88
23 21 13 23-0143 EA 1/2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	25.92 6.20	13.76
23 21 13 23-0144 EA 3/4", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	29.89 7.15	15.92
23 21 13 23-0145 EA 1", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	36.07 8.45	18.77
23 21 13 23-0146 EA 1-1/4", 150 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	44.82 10.05	22.37
23 21 13 23-0147 EA 1-1/2", 150 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	54.10 11.99	26.64
23 21 13 23-0148 EA 2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	65.99 14.87	33.09
23 21 13 23-0149 EA 2-1/2", 150 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	122.09 21.95	48.77
23 21 13 23-0150 EA 3", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	165.60 32.01	71.13
23 21 13 23-0151 EA 3/8", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	21.47 4.13	6.88
23 21 13 23-0152 EA 1/2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	29.48 6.20	13.76
23 21 13 23-0153 EA 3/4", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	32.51 7.15	15.92
23 21 13 23-0154 EA 1", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	38.83 8.45	18.77
23 21 13 23-0155 EA 1-1/4", 250 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	51.37 10.05	22.37
23 21 13 23-0156 EA 1-1/2", 250 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	60.56 11.99	26.64
23 21 13 23-0157 EA 2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	75.98 14.87	33.09
23 21 13 23-0158 EA 2-1/2", 250 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	155.95 21.95	48.77
23 21 13 23-0159 EA 3", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	193.15 28.88	64.13
23 21 13 23-0160 EA 4", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	267.25 28.67	63.70
23 21 13 23-0161 EA 3/8", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	26.26 4.13	6.88
23 21 13 23-0162 EA 1/2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	30.75 6.20	13.76
23 21 13 23-0163 EA 3/4", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	35.02 7.15	15.92
23 21 13 23-0164 EA 1", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	42.78 8.45	18.77
23 21 13 23-0165 EA 1-1/4", 300 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	57.31 10.05	22.37
23 21 13 23-0166 EA 1-1/2", 300 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	64.93 11.99	26.64
23 21 13 23-0167 EA 2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	80.47 14.87	33.09
23 21 13 23-0168 EA 2-1/2", 300 LB, Black Malleable Iron Union ..... <i>For Work In Restricted Working Space, Add</i>	172.81 21.95	48.77
23 21 13 23-0169 EA 3", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	225.17 28.88	64.13
23 21 13 23-0170 EA 4", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	504.63 28.67	63.70
<b>23 21 13 23-0171 Black Steel Nipples <small>(23 21 13 23-0014)</small></b>		
23 21 13 23-0172 EA 3/8" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.49 0.32 2.66	5.88

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple.....	9.39	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.27	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple.....	9.47	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.31	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple.....	10.43	6.39
			<i>For Schedule 80 Nipples, Add</i>	0.45	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
23 21	13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple.....	11.47	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.57	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple.....	11.75	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.71	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple.....	15.27	8.86
			<i>For Schedule 80 Nipples, Add</i>	0.97	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21	13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple.....	22.59	11.03
			<i>For Schedule 80 Nipples, Add</i>	3.04	
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21	13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple.....	27.19	13.33
			<i>For Schedule 80 Nipples, Add</i>	3.61	
			<i>For Work In Restricted Working Space, Add</i>	5.99	
23 21	13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple.....	33.05	14.82
			<i>For Schedule 80 Nipples, Add</i>	5.43	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
23 21	13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple.....	9.58	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.37	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple.....	9.39	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.27	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple.....	9.52	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.34	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple.....	9.58	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.37	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple.....	9.39	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.27	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple.....	9.52	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.34	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple.....	10.52	6.39
			<i>For Schedule 80 Nipples, Add</i>	0.50	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
23 21	13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple.....	11.63	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.65	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple.....	11.87	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.77	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	9.79	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.47	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	9.49	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.32	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	9.60	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.38	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	10.58	6.39
			<i>For Schedule 80 Nipples, Add</i>	0.53	
			<i>For Work In Restricted Working Space, Add</i>	2.86	
23 21	13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	11.71	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.69	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	12.05	6.88
			<i>For Schedule 80 Nipples, Add</i>	0.86	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 21	13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple.....	15.55	8.86
			<i>For Schedule 80 Nipples, Add</i>	1.11	
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21	13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple.....	9.79	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.47	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple.....	9.49	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.32	
			<i>For Work In Restricted Working Space, Add</i>	2.66	
23 21	13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple.....	9.60	5.88
			<i>For Schedule 80 Nipples, Add</i>	0.38	
			<i>For Work In Restricted Working Space, Add</i>	2.66	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.58 0.53 2.86	6.39
23 21	13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.71 0.69 3.10	6.88
23 21	13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.05 0.86 3.10	6.88
23 21	13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.55 1.11 4.00	8.86
23 21	13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.75 3.12 4.96	11.03
23 21	13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.82 3.92 5.99	13.33
23 21	13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.95 0.55 2.66	5.88
23 21	13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.62 0.39 2.66	5.88
23 21	13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.79 0.47 2.66	5.88
23 21	13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.83 0.65 2.86	6.39
23 21	13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.96 0.82 3.10	6.88
23 21	13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.25 0.96 3.10	6.88
23 21	13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.02 1.35 4.00	8.86
23 21	13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.84 3.66 4.96	11.03
23 21	13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.26 4.64 5.99	13.33
23 21	13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.95 0.55 2.66	5.88
23 21	13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.62 0.39 2.66	5.88
23 21	13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.79 0.47 2.66	5.88
23 21	13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.83 0.65 2.86	6.39
23 21	13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.96 0.82 3.10	6.88
23 21	13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.25 0.96 3.10	6.88
23 21	13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.02 1.35 4.00	8.86
23 21	13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.84 3.66 4.96	11.03
23 21	13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.26 4.64 5.99	13.33
23 21	13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.75 6.28 6.66	14.82
23 21	13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.44 0.80 2.66	5.88
23 21	13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.75 0.45 2.66	5.88
23 21	13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.03 0.59 2.66	5.88

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.07 0.77 2.86	6.39
23 21	13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.28 0.98 3.10	6.88
23 21	13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.68 1.18 3.10	6.88
23 21	13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.43 1.55 4.00	8.86
23 21	13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.56 4.02 4.96	11.03
23 21	13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.21 5.12 5.99	13.33
23 21	13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.54 7.18 6.66	14.82
23 21	13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.44 0.80 2.66	5.88
23 21	13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.75 0.45 2.66	5.88
23 21	13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.03 0.59 2.66	5.88
23 21	13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.07 0.77 2.86	6.39
23 21	13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.28 0.98 3.10	6.88
23 21	13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.68 1.18 3.10	6.88
23 21	13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.43 1.55 4.00	8.86
23 21	13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.56 4.02 4.96	11.03
23 21	13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.21 5.12 5.99	13.33
23 21	13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.54 7.18 6.66	14.82
23 21	13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.62 0.89 2.66	5.88
23 21	13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.86 0.51 2.66	5.88
23 21	13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.19 0.67 2.66	5.88
23 21	13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.35 0.91 2.86	6.39
23 21	13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.64 1.16 3.10	6.88
23 21	13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.03 1.35 3.10	6.88
23 21	13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.96 1.82 4.00	8.86
23 21	13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.90 4.19 4.96	11.03
23 21	13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.10 5.56 5.99	13.33
23 21	13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.53 7.67 6.66	14.82
23 21	13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.96 1.56 2.66	5.88



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Piping And Pumps		23 20
Hydronic Piping And Pumps		23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.67 0.91 2.66	5.88
23 21	13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.07 1.11 2.66	5.88
23 21	13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.50 1.49 2.86	6.39
23 21	13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.06 1.87 3.10	6.88
23 21	13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.61 2.14 3.10	6.88
23 21	13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.42 3.05 4.00	8.86
23 21	13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.19 5.34 4.96	11.03
23 21	13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.98 7.50 5.99	13.33
23 21	13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.89 8.85 6.66	14.82
23 21	13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.34 1.75 2.66	5.88
23 21	13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.03 1.09 2.66	5.88
23 21	13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.44 1.30 2.66	5.88
23 21	13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.00 1.74 2.86	6.39
23 21	13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.81 2.24 3.10	6.88
23 21	13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.34 2.51 3.10	6.88
23 21	13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.49 3.58 4.00	8.86
23 21	13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.50 5.99 4.96	11.03
23 21	13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.83 8.43 5.99	13.33
23 21	13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.35 10.08 6.66	14.82
23 21	13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.82 1.99 2.66	5.88
23 21	13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.44 1.30 2.66	5.88
23 21	13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.72 1.44 2.66	5.88
23 21	13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.52 2.00 2.86	6.39
23 21	13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.41 2.54 3.10	6.88
23 21	13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.10 2.89 3.10	6.88
23 21	13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.57 4.12 4.00	8.86
23 21	13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple ..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.85 6.67 4.96	11.03
23 21	13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.69 9.36 5.99	13.33

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.83 11.82 6.66	14.82
<b>23 21</b>	<b>13 23-0286</b>		<b>Black Malleable Iron Bushing</b> <small>(2321 13 23-0014)</small>		
23 21	13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	16.98 4.54	10.10
23 21	13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	18.93 4.88	10.84
23 21	13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	20.17 5.25	11.65
23 21	13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	21.02 5.21	11.59
23 21	13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	21.33 5.58	12.39
23 21	13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	22.31 5.87	13.07
23 21	13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	22.82 5.61	12.46
23 21	13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	23.88 5.99	13.33
23 21	13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	24.47 6.28	13.94
23 21	13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	25.55 6.60	14.69
23 21	13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	25.64 6.06	13.51
23 21	13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	25.92 6.44	14.31
23 21	13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	26.90 6.73	14.93
23 21	13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	27.43 7.05	15.68
23 21	13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	29.36 7.46	16.60
23 21	13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	31.43 7.13	15.86
23 21	13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	31.76 7.50	16.67
23 21	13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	31.72 7.80	17.35
23 21	13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	32.43 8.12	18.03
23 21	13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	33.80 8.53	18.96
23 21	13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	35.89 8.98	19.95
23 21	13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	43.77 10.21	22.68
23 21	13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	44.85 10.54	23.42
23 21	13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	46.21 10.94	24.29
23 21	13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	47.03 11.39	25.34
23 21	13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.52 12.46	27.69
23 21	13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	55.33 12.56	27.88
23 21	13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	56.39 12.88	28.63
23 21	13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	57.76 13.29	29.56
23 21	13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	58.99 13.74	30.55
23 21	13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	61.69 14.81	32.90
23 21	13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.90 17.22	38.29
23 21	13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	66.46 12.20	27.07
23 21	13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	67.43 12.49	27.74
23 21	13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	68.64 12.85	28.57
23 21	13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.98 13.25	29.46
23 21	13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	71.78 14.21	31.57
23 21	13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	78.97 16.37	36.40
23 21	13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	85.99 18.47	41.06



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-0326    Black Malleable Iron Square Head Plugs <small>(23 21 13 23-0014)</small></b>		
23 21 13 23-0327    EA    3/8", 150 LB, Black Malleable Iron Square Head Plug.....	6.92	3.65
For Work In Restricted Working Space, Add	1.65	
23 21 13 23-0328    EA    1/2", 150 LB, Black Malleable Iron Square Head Plug.....	8.11	4.40
For Work In Restricted Working Space, Add	1.98	
23 21 13 23-0329    EA    3/4", 150 LB, Black Malleable Iron Square Head Plug.....	8.89	4.95
For Work In Restricted Working Space, Add	2.22	
23 21 13 23-0330    EA    1", 150 LB, Black Malleable Iron Square Head Plug.....	10.15	5.52
For Work In Restricted Working Space, Add	2.48	
23 21 13 23-0331    EA    1-1/4", 150 LB, Black Malleable Iron Square Head Plug.....	11.73	6.25
For Work In Restricted Working Space, Add	2.81	
23 21 13 23-0332    EA    1-1/2", 150 LB, Black Malleable Iron Square Head Plug.....	13.86	7.00
For Work In Restricted Working Space, Add	3.16	
23 21 13 23-0333    EA    2", 150 LB, Black Malleable Iron Square Head Plug.....	18.12	8.92
For Work In Restricted Working Space, Add	4.02	
23 21 13 23-0334    EA    2-1/2", 150 LB, Black Malleable Iron Square Head Plug.....	28.41	13.20
For Work In Restricted Working Space, Add	5.95	
23 21 13 23-0335    EA    3", 150 LB, Black Malleable Iron Square Head Plug.....	37.88	17.41
For Work In Restricted Working Space, Add	7.83	
23 21 13 23-0336    EA    4", 150 LB, Black Malleable Iron Square Head Plug.....	50.63	17.25
For Work In Restricted Working Space, Add	7.77	
23 21 13 23-0337    EA    5", 150 LB, Black Malleable Iron Square Head Plug.....	80.16	18.03
For Work In Restricted Working Space, Add	8.11	
23 21 13 23-0338    EA    6", 150 LB, Black Malleable Iron Square Head Plug.....	94.07	18.81
For Work In Restricted Working Space, Add	8.48	
<b>23 21 13 23-0339    125 LB Black Cast Iron Screwed Flanges <small>(23 21 13 23-0014)</small></b>		
23 21 13 23-0340    EA    3/4", 125 LB, Black Cast Iron Flange.....	64.11	24.79
For Work In Restricted Working Space, Add	11.15	
23 21 13 23-0341    EA    1", 125 LB, Black Cast Iron Flange.....	59.14	28.00
For Work In Restricted Working Space, Add	12.60	
23 21 13 23-0342    EA    1-1/4", 125 LB, Black Cast Iron Flange.....	63.98	28.99
For Work In Restricted Working Space, Add	13.04	
23 21 13 23-0343    EA    1-1/2", 125 LB, Black Cast Iron Flange.....	66.24	31.54
For Work In Restricted Working Space, Add	14.19	
23 21 13 23-0344    EA    2", 125 LB, Black Cast Iron Flange.....	68.27	32.90
For Work In Restricted Working Space, Add	14.81	
23 21 13 23-0345    EA    2-1/2", 125 LB, Black Cast Iron Flange.....	79.21	38.10
For Work In Restricted Working Space, Add	17.13	
23 21 13 23-0346    EA    3", 125 LB, Black Cast Iron Flange.....	100.95	48.33
For Work In Restricted Working Space, Add	21.74	
23 21 13 23-0347    EA    4", 125 LB, Black Cast Iron Flange.....	127.16	59.20
For Work In Restricted Working Space, Add	26.63	
23 21 13 23-0348    EA    5", 125 LB, Black Cast Iron Flange.....	159.91	70.52
For Work In Restricted Working Space, Add	31.70	
23 21 13 23-0349    EA    6", 125 LB, Black Cast Iron Flange.....	182.73	80.95
For Work In Restricted Working Space, Add	36.41	
<b>23 21 13 23-0350    150 LB, Black Malleable Iron Flanges <small>(23 21 13 23-0014)</small></b>		
23 21 13 23-0351    EA    1/2", 150 LB, Black Malleable Iron Flange.....	39.91	22.62
For Work In Restricted Working Space, Add	10.19	
23 21 13 23-0352    EA    3/4", 150 LB, Black Malleable Iron Flange.....	43.59	24.79
For Work In Restricted Working Space, Add	11.15	
23 21 13 23-0353    EA    1", 150 LB, Black Malleable Iron Flange.....	50.34	28.00
For Work In Restricted Working Space, Add	12.60	
23 21 13 23-0354    EA    1-1/4", 150 LB, Black Malleable Iron Flange.....	52.40	28.99
For Work In Restricted Working Space, Add	13.04	
23 21 13 23-0355    EA    1-1/2", 150 LB, Black Malleable Iron Flange.....	57.03	31.54
For Work In Restricted Working Space, Add	14.19	
23 21 13 23-0356    EA    2", 150 LB, Black Malleable Iron Flange.....	62.05	32.90
For Work In Restricted Working Space, Add	14.81	
23 21 13 23-0357    EA    2-1/2", 150 LB, Black Malleable Iron Flange.....	77.00	38.10
For Work In Restricted Working Space, Add	17.13	
23 21 13 23-0358    EA    3", 150 LB, Black Malleable Iron Flange.....	97.60	48.33
For Work In Restricted Working Space, Add	21.74	
23 21 13 23-0359    EA    4", 150 LB, Black Malleable Iron Flange.....	131.47	59.20
For Work In Restricted Working Space, Add	26.63	
<b>23 21 13 23-0360    Cut And Thread Existing In-Place Black Steel Pipe <small>(23 21 13 23-0014)</small></b>		
Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0361    EA    1/2", Cut And Thread Existing In Place Black Steel Pipe.....	20.19	
For Work In Restricted Working Space, Add	6.06	
23 21 13 23-0362    EA    3/4", Cut And Thread Existing In Place Black Steel Pipe.....	22.21	
For Work In Restricted Working Space, Add	6.66	
23 21 13 23-0363    EA    1", Cut And Thread Existing In Place Black Steel Pipe.....	24.23	
For Work In Restricted Working Space, Add	7.27	
23 21 13 23-0364    EA    1-1/4", Cut And Thread Existing In Place Black Steel Pipe.....	26.24	
For Work In Restricted Working Space, Add	7.87	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe.....	27.59	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
23 21	13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe.....	28.94	
			<i>For Work In Restricted Working Space, Add</i>	8.68	
23 21	13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe.....	30.29	
			<i>For Work In Restricted Working Space, Add</i>	9.09	
23 21	13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe.....	31.63	
			<i>For Work In Restricted Working Space, Add</i>	9.49	
23 21	13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe.....	32.98	
			<i>For Work In Restricted Working Space, Add</i>	9.89	
23 21	13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe.....	35.67	
			<i>For Work In Restricted Working Space, Add</i>	10.70	
23 21	13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe.....	38.36	
			<i>For Work In Restricted Working Space, Add</i>	11.51	
23 21	13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe.....	41.72	
			<i>For Work In Restricted Working Space, Add</i>	12.52	
23 21	13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe.....	44.41	
			<i>For Work In Restricted Working Space, Add</i>	13.32	
23 21	13 23-0374		<b>Welded Black Steel Pipe</b> <small>(23 21 13 23)</small>		
23 21	13 23-0375		<b>Welded Plain End Black Steel Pipe Assemblies</b> <small>(23 21 13 23-0374)</small>		
			Note: ASTM A-53. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21	13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	15.21	4.87
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	3.56	
23 21	13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	16.88	5.20
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	3.99	
23 21	13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	20.21	5.52
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	4.58	
23 21	13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	21.50	5.52
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	4.79	
23 21	13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	24.55	5.52
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	5.54	
23 21	13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	28.44	5.52
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	6.42	
23 21	13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	32.72	5.39
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	6.77	
23 21	13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	40.63	6.19
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	7.68	
23 21	13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	54.61	9.23
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	8.85	
23 21	13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	82.88	11.46
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	13.13	
23 21	13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	110.44	14.34
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	15.65	
23 21	13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	138.49	17.31
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	18.09	
23 21	13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	154.88	22.58
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	20.18	
23 21	13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	180.68	28.66
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	22.55	
23 21	13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	228.24	35.48
			Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	24.74	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	293.35 28.32	43.85
23 21	13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	362.17 31.14	49.70
<b>23 21 13 23-0393 Welded Black Steel Pipe And Fittings (23 21 13 23-0374)</b>					
Note: ASTM A-53. Excludes hangers or fittings.					
<b>23 21 13 23-0394 Welded Plain End Black Steel Piping (23 21 13 23-0393)</b>					
Note: ASTM A-53					
23 21	13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	6.36 0.14 1.56 1.01	2.59
23 21	13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	8.03 0.18 1.95 1.28	3.25
23 21	13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	10.05 0.27 2.34 1.62	3.90
23 21	13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	12.11 0.36 2.73 1.97	4.54
23 21	13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	14.38 0.43 3.23 2.34	5.39
23 21	13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.41 3.61 0.50 3.66	6.11
23 21	13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.78 4.63 0.80 3.94	6.57
23 21	13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.91 6.58 1.28 4.87	8.12
23 21	13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.02 9.78 2.15 6.04	13.15
23 21	13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.63 13.76 -7.86 3.24 7.40	12.32
23 21	13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.88 18.56 -10.61 4.58 8.91	14.85
23 21	13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.39 23.96 -13.69 6.06 10.77	17.94
23 21	13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 20 Pipe, Deduct</i>	83.89 22.74 -12.99 5.53 11.35 -23.69	18.91
23 21	13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 20 Pipe, Deduct</i>	92.17 25.14 -14.36 6.18 12.21 -26.15	20.35
23 21	13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe ..... <i>For Schedule 80 Pipe, Add</i> <i>For Schedule 30 Pipe, Deduct</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 20 Pipe, Deduct</i>	115.36 32.67 -18.67 8.56 13.21 -33.77	22.01

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe .....	136.50	26.37
			<i>For Schedule 80 Pipe, Add</i>	38.55	
			<i>For Schedule A-106 Pipe, Add</i>	10.05	
			<i>For Work In Restricted Working Space, Add</i>	15.82	
23 21	13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe .....	168.85	30.32
			<i>For Schedule 80 Pipe, Add</i>	48.48	
			<i>For Schedule A-106 Pipe, Add</i>	12.98	
			<i>For Work In Restricted Working Space, Add</i>	18.20	
<b>23 21</b>	<b>13 23-0412</b>		<b>Welded Plain End Black Steel 90 Degree Elbows</b> <small>(23 21 13 23-0393)</small>		
23 21	13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	67.08	36.34
			<i>For Work In Restricted Working Space, Add</i>	16.34	
			<i>For Schedule 80 Fittings, Add</i>	14.41	
23 21	13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	69.94	38.23
			<i>For Work In Restricted Working Space, Add</i>	17.20	
			<i>For Schedule 80 Fittings, Add</i>	14.96	
23 21	13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	77.96	43.56
			<i>For Work In Restricted Working Space, Add</i>	19.60	
			<i>For Schedule 80 Fittings, Add</i>	16.53	
23 21	13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	83.12	47.01
			<i>For Work In Restricted Working Space, Add</i>	21.15	
			<i>For Schedule 80 Fittings, Add</i>	17.53	
23 21	13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	104.33	61.17
			<i>For Work In Restricted Working Space, Add</i>	27.51	
			<i>For Schedule 80 Fittings, Add</i>	21.67	
23 21	13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	131.46	76.47
			<i>For Work In Restricted Working Space, Add</i>	34.39	
			<i>For Schedule 80 Fittings, Add</i>	27.40	
23 21	13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	151.73	87.82
			<i>For Work In Restricted Working Space, Add</i>	39.48	
			<i>For Schedule 80 Fittings, Add</i>	31.70	
23 21	13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	260.74	151.72
			<i>For Work In Restricted Working Space, Add</i>	68.24	
			<i>For Schedule 80 Fittings, Add</i>	54.34	
23 21	13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	457.23	250.38
			<i>For Work In Restricted Working Space, Add</i>	112.63	
			<i>For Schedule 80 Fittings, Add</i>	97.75	
23 21	13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	617.57	310.65
			<i>For Work In Restricted Working Space, Add</i>	139.73	
			<i>For Schedule 80 Fittings, Add</i>	136.37	
23 21	13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	811.03	355.08
			<i>For Work In Restricted Working Space, Add</i>	159.69	
			<i>For Schedule 80 Fittings, Add</i>	187.42	
23 21	13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,100.64	464.56
			<i>For Work In Restricted Working Space, Add</i>	208.94	
			<i>For Schedule 80 Fittings, Add</i>	257.06	
23 21	13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,370.30	549.12
			<i>For Work In Restricted Working Space, Add</i>	246.98	
			<i>For Schedule 80 Fittings, Add</i>	324.65	
23 21	13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,710.10	641.24
			<i>For Work In Restricted Working Space, Add</i>	288.40	
			<i>For Schedule 80 Fittings, Add</i>	412.09	
23 21	13 23-0427	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	2,035.65	715.03
			<i>For Work In Restricted Working Space, Add</i>	321.59	
			<i>For Schedule 80 Fittings, Add</i>	498.14	
23 21	13 23-0428	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	2,618.40	801.70
			<i>For Work In Restricted Working Space, Add</i>	360.60	
			<i>For Schedule 80 Fittings, Add</i>	659.31	
23 21	13 23-0429	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	3,093.16	828.47
			<i>For Work In Restricted Working Space, Add</i>	372.62	
			<i>For Schedule 80 Fittings, Add</i>	797.53	
<b>23 21</b>	<b>13 23-0430</b>		<b>Welded Plain End Black Steel Reducing 90 Degree Elbows</b> <small>(23 21 13 23-0393)</small>		
23 21	13 23-0431	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow .....	364.74	151.99
			<i>For Work In Restricted Working Space, Add</i>	68.37	
			<i>For Schedule 80 Fittings, Add</i>	85.49	
23 21	13 23-0432	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	638.83	247.53
			<i>For Work In Restricted Working Space, Add</i>	111.35	
			<i>For Schedule 80 Fittings, Add</i>	152.68	
23 21	13 23-0433	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	684.72	247.53
			<i>For Work In Restricted Working Space, Add</i>	111.35	
			<i>For Schedule 80 Fittings, Add</i>	166.45	
23 21	13 23-0434	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,030.42	310.65
			<i>For Work In Restricted Working Space, Add</i>	139.73	
			<i>For Schedule 80 Fittings, Add</i>	260.22	
23 21	13 23-0435	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,139.85	310.65
			<i>For Work In Restricted Working Space, Add</i>	139.73	
			<i>For Schedule 80 Fittings, Add</i>	293.05	
23 21	13 23-0436	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow .....	1,434.86	355.08
			<i>For Work In Restricted Working Space, Add</i>	159.69	
			<i>For Schedule 80 Fittings, Add</i>	374.57	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0437 EA 10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,434.86 159.69 374.57	355.08
23 21 13 23-0438 EA 12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,385.46 212.93 641.11	473.39
23 21 13 23-0439 EA 12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,385.46 212.93 641.11	473.39
23 21 13 23-0440 EA 12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,683.12 212.93 730.41	473.39
<b>23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows (23 21 13 23-0393)</b>		
23 21 13 23-0442 EA 3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	65.23 16.56 13.77	36.83
23 21 13 23-0443 EA 1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	67.18 17.15 14.15	38.12
23 21 13 23-0444 EA 1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	75.62 19.68 15.80	43.78
23 21 13 23-0445 EA 1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	80.82 21.24 16.81	47.22
23 21 13 23-0446 EA 2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	101.61 27.48 20.87	61.06
23 21 13 23-0447 EA 2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	126.63 34.49 25.92	76.71
23 21 13 23-0448 EA 3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	146.28 39.48 30.07	87.75
23 21 13 23-0449 EA 4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	251.71 68.23 51.63	151.66
23 21 13 23-0450 EA 6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	434.73 112.50 91.04	250.13
23 21 13 23-0451 EA 8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	576.61 139.73 124.08	310.65
23 21 13 23-0452 EA 10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	735.82 159.69 164.85	355.08
23 21 13 23-0453 EA 12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	990.28 208.55 224.09	463.71
23 21 13 23-0454 EA 14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,223.79 247.31 280.58	549.86
23 21 13 23-0455 EA 16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,507.06 288.11 351.28	640.56
23 21 13 23-0456 EA 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,774.37 321.22 419.88	714.17
23 21 13 23-0457 EA 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,236.18 360.60 544.65	801.70
23 21 13 23-0458 EA 24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,593.64 372.62 647.68	828.47
<b>23 21 13 23-0459 Welded Plain End Black Steel Tee (23 21 13 23-0393)</b>		
23 21 13 23-0460 EA 3/4" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	134.18 31.18 29.34	69.31
23 21 13 23-0461 EA 1" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	134.15 31.17 29.34	69.31
23 21 13 23-0462 EA 1-1/4" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	152.04 34.67 33.48	77.10
23 21 13 23-0463 EA 1-1/2" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	166.37 38.97 36.27	86.64
23 21 13 23-0464 EA 2" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	205.69 52.03 43.50	115.68

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0465	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	234.94 58.46 50.02	129.97
23 21	13 23-0466	EA	3" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	280.80 70.93 59.41	157.83
23 21	13 23-0467	EA	4" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	403.57 102.56 85.18	228.04
23 21	13 23-0468	EA	6" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	677.14 169.44 143.84	376.72
23 21	13 23-0469	EA	8" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	917.76 212.93 200.80	473.39
23 21	13 23-0470	EA	10" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,176.81 248.41 266.10	552.27
23 21	13 23-0471	EA	12" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,595.08 319.39 366.74	710.10
23 21	13 23-0472	EA	14" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,094.92 372.62 498.06	828.47
23 21	13 23-0473	EA	16" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,521.52 447.14 599.96	994.14
23 21	13 23-0474	EA	18" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	3,340.26 496.82 828.19	1,104.61
23 21	13 23-0475	EA	20" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	4,463.26 558.92 1,143.35	1,242.71
23 21	13 23-0476	EA	24" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	5,177.93 601.92 1,342.71	1,338.29
23 21	13 23-0477		<b>Welded Plain End Black Steel Reducing Tees</b> <small>(23 21 13 23-0393)</small>		
23 21	13 23-0478	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	130.93 30.20 28.71	67.16
23 21	13 23-0479	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	134.15 31.17 29.34	69.31
23 21	13 23-0480	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	150.11 34.67 32.90	77.10
23 21	13 23-0481	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	164.44 38.97 35.69	86.64
23 21	13 23-0482	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	210.04 52.04 44.80	115.68
23 21	13 23-0483	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	235.01 58.48 50.04	130.04
23 21	13 23-0484	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	281.00 70.93 59.47	157.83
23 21	13 23-0485	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	403.86 102.56 85.26	228.04
23 21	13 23-0486	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	677.63 169.44 143.99	376.72
23 21	13 23-0487	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	918.70 212.93 201.09	473.39
23 21	13 23-0488	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,178.41 248.41 266.58	552.27
23 21	13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,597.48 319.39 367.46	710.10
23 21	13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,098.80 372.62 499.22	828.47
23 21	13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	2,526.22 447.14 601.37	994.14
23 21	13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	3,347.94 496.82 830.49	1,104.61



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0493		<b>Welded Plain End Black Steel Eccentric Reducers</b> <small>(23 21 13 23-0393)</small>		
	23 21	13 23-0494	EA 3" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	157.54 -8.43 39.36 33.48	87.49
	23 21	13 23-0495	EA 4" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	259.80 -10.21 68.37 54.01	151.99
	23 21	13 23-0496	EA 4" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	268.98 -13.15 68.37 56.76	151.99
	23 21	13 23-0497	EA 6" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	435.64 -20.64 111.35 91.72	247.53
	23 21	13 23-0498	EA 6" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	482.61 -35.67 111.35 105.81	247.53
	23 21	13 23-0499	EA 8" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	661.19 -30.84 169.44 139.05	376.72
	23 21	13 23-0500	EA 8" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	731.21 -53.25 169.44 160.06	376.72
	23 21	13 23-0501	EA 10" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	763.23 -36.39 194.86 160.77	433.23
	23 21	13 23-0502	EA 10" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	851.28 -64.56 194.86 187.18	433.23
	23 21	13 23-0503	EA 12" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	887.29 -57.24 212.52 191.81	472.48
	23 21	13 23-0504	EA 12" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	989.26 -89.88 212.52 222.40	472.48
	23 21	13 23-0505	EA 14" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,142.17 -100.52 248.41 255.71	552.27
	23 21	13 23-0506	EA 14" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,199.05 -118.72 248.41 272.77	552.27
	23 21	13 23-0507	EA 16" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,358.03 -136.47 279.47 309.60	621.36
	23 21	13 23-0508	EA 16" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,504.34 -183.29 279.47 353.49	621.36
	23 21	13 23-0509	EA 18" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,758.06 -221.90 319.39 415.63	710.10
23 21	13 23-0510		<b>Welded Plain End Black Steel Caps</b> <small>(23 21 13 23-0393)</small>		
	23 21	13 23-0511	EA 1" Standard Weight, Welded Plain End Black Steel Cap ..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.89 7.61 9.74	21.70
	23 21	13 23-0512	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Cap ..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.54 8.30 10.72	23.84
	23 21	13 23-0513	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Cap ..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.23 8.64 11.11	24.68
	23 21	13 23-0514	EA 2" Standard Weight, Welded Plain End Black Steel Cap ..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.64 10.46 14.23	31.63
	23 21	13 23-0515	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Cap ..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.38 12.17 17.15	38.12

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0516	EA	3" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.36 14.67 19.78	43.98
23 21	13 23-0517	EA	4" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.82 24.10 34.19	75.99
23 21	13 23-0518	EA	6" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.60 40.85 56.48	125.55
23 21	13 23-0519	EA	8" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	356.35 67.30 95.05	211.35
23 21	13 23-0520	EA	10" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	402.43 79.09 99.93	222.20
23 21	13 23-0521	EA	12" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	433.32 86.67 103.99	231.20
23 21	13 23-0522	EA	14" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	577.00 121.35 124.21	276.14
23 21	13 23-0523	EA	16" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	670.10 140.93 144.24	320.68
23 21	13 23-0524	EA	18" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	750.04 158.47 159.69	355.08
23 21	13 23-0525		<b>150 LB, Welded Plain End Black Steel Neck Flanges</b> <small>(23 21 13 23-0393)</small> Note: 150 LB.		
23 21	13 23-0526	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.15 31.55 19.44	43.22
23 21	13 23-0527	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.22 33.24 24.26	53.94
23 21	13 23-0528	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.15 35.77 31.43	69.89
23 21	13 23-0529	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.29 46.07 41.46	92.17
23 21	13 23-0530	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	278.90 70.57 62.86	139.78
23 21	13 23-0531	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	322.13 105.65 60.42	134.37
23 21	13 23-0532	EA	10", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	451.06 165.43 75.79	168.48
23 21	13 23-0533	EA	12", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	575.97 232.63 85.99	191.18
23 21	13 23-0534	EA	14", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	785.85 343.86 103.99	231.20
23 21	13 23-0535	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,089.08 522.67 120.85	268.68
23 21	13 23-0536	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,404.36 714.31 135.50	301.25
23 21	13 23-0537	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,779.89 904.84 171.98	382.37
23 21	13 23-0538	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,053.87 1,068.20 186.31	414.24
23 21	13 23-0539		<b>150 LB, Welded Black Steel Slip-On Flanges</b> <small>(23 21 13 23-0393)</small>		
23 21	13 23-0540	EA	2", 150 LB, Welded Black Steel Slip-On Flanges <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	68.98 15.48 21.06	43.22
23 21	13 23-0541	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	85.37 18.92 26.70	53.94
23 21	13 23-0542	EA	3", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	110.70 25.33 32.50	69.89
23 21	13 23-0543	EA	4", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	146.23 33.12 43.83	92.17



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0544 EA 6", 150 LB, Welded Black Steel Slip-On Flange .....	217.51	139.78
<i>For Work In Restricted Working Space, Add</i>	48.71	
<i>For 300 LB Rating, Add</i>	66.67	
23 21 13 23-0545 EA 8", 150 LB, Welded Black Steel Slip-On Flange .....	267.33	134.37
<i>For Work In Restricted Working Space, Add</i>	55.04	
<i>For 300 LB Rating, Add</i>	94.75	
23 21 13 23-0546 EA 10", 150 LB, Welded Black Steel Slip-On Flange .....	374.11	168.48
<i>For Work In Restricted Working Space, Add</i>	68.79	
<i>For 300 LB Rating, Add</i>	154.40	
23 21 13 23-0547 EA 12", 150 LB, Welded Black Steel Slip-On Flange .....	503.62	191.18
<i>For Work In Restricted Working Space, Add</i>	82.55	
<i>For 300 LB Rating, Add</i>	234.51	
23 21 13 23-0548 EA 14", 150 LB, Welded Black Steel Slip-On Flange .....	654.81	231.20
<i>For Work In Restricted Working Space, Add</i>	96.31	
<i>For 300 LB Rating, Add</i>	334.12	
23 21 13 23-0549 EA 16", 150 LB, Welded Black Steel Slip-On Flange .....	804.84	268.68
<i>For Work In Restricted Working Space, Add</i>	106.63	
<i>For 300 LB Rating, Add</i>	441.80	
23 21 13 23-0550 EA 18", 150 LB, Welded Black Steel Slip-On Flange .....	893.73	301.25
<i>For Work In Restricted Working Space, Add</i>	116.95	
<i>For 300 LB Rating, Add</i>	494.45	
23 21 13 23-0551 EA 20", 150 LB, Welded Black Steel Slip-On Flange .....	996.98	382.37
<i>For Work In Restricted Working Space, Add</i>	127.26	
<i>For 300 LB Rating, Add</i>	560.04	
23 21 13 23-0552 EA 24", 150 LB, Welded Black Steel Slip-On Flange .....	1,136.56	414.24
<i>For Work In Restricted Working Space, Add</i>	147.90	
<i>For 300 LB Rating, Add</i>	630.97	
<b>23 21 13 23-0553 150 LB, Forged Steel Blind Flanges</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0554 EA 2", 150 LB, Forged Steel Blind Flange.....	54.81	17.43
<i>For 300 LB Rating, Add</i>	19.62	
<i>For 600 LB Rating, Add</i>	53.11	
<i>For Work In Restricted Working Space, Add</i>	10.46	
23 21 13 23-0555 EA 2-1/2", 150 LB, Forged Steel Blind Flange.....	74.18	20.91
<i>For 300 LB Rating, Add</i>	30.27	
<i>For 600 LB Rating, Add</i>	83.91	
<i>For Work In Restricted Working Space, Add</i>	12.55	
23 21 13 23-0556 EA 3", 150 LB, Forged Steel Blind Flange.....	89.24	27.89
<i>For 300 LB Rating, Add</i>	32.63	
<i>For 600 LB Rating, Add</i>	88.69	
<i>For Work In Restricted Working Space, Add</i>	16.73	
23 21 13 23-0557 EA 4", 150 LB, Forged Steel Blind Flange.....	115.84	34.86
<i>For 300 LB Rating, Add</i>	44.22	
<i>For 600 LB Rating, Add</i>	121.15	
<i>For Work In Restricted Working Space, Add</i>	20.92	
23 21 13 23-0558 EA 6", 150 LB, Forged Steel Blind Flange.....	160.52	45.32
<i>For 300 LB Rating, Add</i>	65.43	
<i>For 600 LB Rating, Add</i>	181.33	
<i>For Work In Restricted Working Space, Add</i>	27.19	
23 21 13 23-0559 EA 8", 150 LB, Forged Steel Blind Flange.....	215.44	52.29
<i>For 300 LB Rating, Add</i>	99.67	
<i>For 600 LB Rating, Add</i>	281.75	
<i>For Work In Restricted Working Space, Add</i>	31.37	
23 21 13 23-0560 EA 10", 150 LB, Forged Steel Blind Flange.....	341.99	62.74
<i>For 300 LB Rating, Add</i>	166.37	
<i>For 600 LB Rating, Add</i>	538.40	
<i>For Work In Restricted Working Space, Add</i>	37.65	
23 21 13 23-0561 EA 12", 150 LB, Forged Steel Blind Flange.....	452.83	73.20
<i>For 300 LB Rating, Add</i>	260.51	
<i>For 600 LB Rating, Add</i>	757.37	
<i>For Work In Restricted Working Space, Add</i>	43.92	
23 21 13 23-0562 EA 14", 150 LB, Forged Steel Blind Flange.....	798.22	83.66
<i>For 300 LB Rating, Add</i>	522.29	
<i>For Work In Restricted Working Space, Add</i>	50.20	
23 21 13 23-0563 EA 16", 150 LB, Forged Steel Blind Flange.....	853.25	94.12
<i>For 300 LB Rating, Add</i>	551.77	
<i>For Work In Restricted Working Space, Add</i>	56.47	
23 21 13 23-0564 EA 18", 150 LB, Forged Steel Blind Flange.....	952.36	115.04
<i>For 300 LB Rating, Add</i>	601.99	
<i>For Work In Restricted Working Space, Add</i>	69.02	
23 21 13 23-0565 EA 20", 150 LB, Forged Steel Blind Flange.....	1,239.93	125.50
<i>For 300 LB Rating, Add</i>	817.51	
<i>For Work In Restricted Working Space, Add</i>	75.30	
23 21 13 23-0566 EA 24", 150 LB, Forged Steel Blind Flange.....	1,708.65	146.41
<i>For 300 LB Rating, Add</i>	1,163.41	
<i>For Work In Restricted Working Space, Add</i>	87.85	
<b>23 21 13 23-0567 3,000 LB, Forge Steel Thread-O-Lets</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0568 EA 1/2", 3,000 LB, Forge Steel Thread-O-Let.....	52.04	
<i>For Weld-O-Lets, Add</i>	4.37	
<i>For Work In Restricted Working Space, Add</i>	12.99	
<i>For Sock-O-Lets, Add</i>	20.21	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0569	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let .....	62.22	
			<i>For Weld-O-Lets, Add</i>	5.13	
			<i>For Work In Restricted Working Space, Add</i>	15.59	
			<i>For Sock-O-Lets, Add</i>	24.16	
23 21	13 23-0570	EA	1", 3,000 LB, Forge Steel Thread-O-Let .....	70.55	
			<i>For Weld-O-Lets, Add</i>	5.75	
			<i>For Work In Restricted Working Space, Add</i>	17.72	
			<i>For Sock-O-Lets, Add</i>	27.38	
23 21	13 23-0571	EA	1-1/4" Or 1-1/2", 3,000 LB, Forge Steel Thread-O-Let.....	81.26	
			<i>For Weld-O-Lets, Add</i>	8.16	
			<i>For Work In Restricted Working Space, Add</i>	19.49	
			<i>For Sock-O-Lets, Add</i>	31.69	
23 21	13 23-0572	EA	2", 3,000 LB, Forge Steel Thread-O-Let .....	92.57	
			<i>For Weld-O-Lets, Add</i>	10.20	
			<i>For Work In Restricted Working Space, Add</i>	21.65	
			<i>For Sock-O-Lets, Add</i>	36.20	
23 21	13 23-0573	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let .....	166.82	
			<i>For Weld-O-Lets, Add</i>	37.02	
			<i>For Work In Restricted Working Space, Add</i>	27.84	
			<i>For Sock-O-Lets, Add</i>	67.09	
23 21	13 23-0574	EA	3", 3,000 LB, Forge Steel Thread-O-Let .....	204.37	
			<i>For Weld-O-Lets, Add</i>	37.24	
			<i>For Work In Restricted Working Space, Add</i>	38.97	
			<i>For Sock-O-Lets, Add</i>	81.38	
23 21	13 23-0575	EA	4", 3,000 LB, Forge Steel Thread-O-Let .....	308.15	
			<i>For Weld-O-Lets, Add</i>	72.89	
			<i>For Work In Restricted Working Space, Add</i>	48.71	
			<i>For Sock-O-Lets, Add</i>	124.39	
23 21	13 23-0576		<b>Bolt, Nut, And 150 LB Rubber Flange Gasket Set</b> <small>(23 21 13 23-0393)</small>		
			Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0577	EA	3/4" To 1-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set.....	7.14	
			Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	2.32	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	9.32	
23 21	13 23-0578	EA	2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	12.70	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	4.13	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	16.57	
23 21	13 23-0579	EA	2-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	13.62	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	4.43	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	17.77	
23 21	13 23-0580	EA	3" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	14.33	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	4.66	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	18.70	
23 21	13 23-0581	EA	4" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	24.93	
			Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	8.10	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	32.53	
23 21	13 23-0582	EA	5" To 6" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set.....	39.10	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	12.71	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	51.03	
23 21	13 23-0583	EA	8" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	42.06	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	13.67	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	54.89	
23 21	13 23-0584	EA	10" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	85.76	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	27.87	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	111.92	
23 21	13 23-0585	EA	12" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	92.82	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	30.17	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	121.13	
23 21	13 23-0586	EA	14" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	131.64	
			Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	42.78	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	171.79	
23 21	13 23-0587	EA	16" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	171.71	
			Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	55.81	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	224.08	
23 21	13 23-0588	EA	18" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	248.34	
			Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	80.71	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	324.08	
23 21	13 23-0589	EA	20" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set .....	343.15	
			Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washer and nut.		
			<i>For 300 LB Rating Gasket Set, Add</i>	111.52	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	447.81	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0590	EA	24" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	428.93  139.40 559.75	
23 21	13 23-0591	EA	30" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	716.73  232.94 935.33	
23 21	13 23-0592	EA	36" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	857.87  278.81 1,119.52	
<b>23 21</b>	<b>13 23-0593</b>		<b>150 LB, Rubber Flange Gasket Replacement</b> <small>(23 21 13 23-0393)</small> Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.		
23 21	13 23-0594	EA	1/2", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32  0.02 0.54 0.62 5.78	
23 21	13 23-0595	EA	3/4", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.64  0.03 0.70 0.80 6.17	
23 21	13 23-0596	EA	1", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.62  0.06 1.24 1.42 6.74	
23 21	13 23-0597	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.57  0.06 1.39 1.60 7.32	
23 21	13 23-0598	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.19  0.08 1.78 2.05 8.09	
23 21	13 23-0599	EA	2", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.85  0.11 2.47 2.85 8.86	
23 21	13 23-0600	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.09  0.15 3.32 3.83 10.40	
23 21	13 23-0601	EA	3", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.09  0.18 3.87 4.45 10.98	
23 21	13 23-0602	EA	4", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.97  0.29 6.34 7.30 14.45	
23 21	13 23-0603	EA	5", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	56.77  0.32 7.03 8.10 16.76	
23 21	13 23-0604	EA	6", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.74  0.42 9.20 10.59 19.07	
23 21	13 23-0605	EA	8", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.77  0.61 13.37 15.40 23.11	
23 21	13 23-0606	EA	10", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.63  0.86 19.02 21.89 24.65	
23 21	13 23-0607	EA	12", 150 LB, Rubber Flange Gasket Replacement..... <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i> <i>For 300 LB Rating Teflon Gasket Set, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.23  1.10 24.35 28.04 27.92	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0608	EA	14", 150 LB, Rubber Flange Gasket Replacement .....	100.06	
			<i>For 300 LB Rating Gasket Set, Add</i> .....	1.32	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i> .....	29.06	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i> .....	33.46	
			<i>For Work In Restricted Working Space, Add</i> .....	28.89	
23 21	13 23-0609	EA	16", 150 LB, Rubber Flange Gasket Replacement .....	132.59	
			<i>For 300 LB Rating Gasket Set, Add</i> .....	1.47	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i> .....	32.47	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i> .....	37.38	
			<i>For Work In Restricted Working Space, Add</i> .....	38.52	
23 21	13 23-0610	EA	18", 150 LB, Rubber Flange Gasket Replacement .....	144.96	
			<i>For 300 LB Rating Gasket Set, Add</i> .....	1.53	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i> .....	33.86	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i> .....	38.98	
			<i>For Work In Restricted Working Space, Add</i> .....	42.17	
23 21	13 23-0611	EA	20", 150 LB, Rubber Flange Gasket Replacement .....	176.09	
			<i>For 300 LB Rating Gasket Set, Add</i> .....	1.65	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i> .....	36.33	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i> .....	41.83	
			<i>For Work In Restricted Working Space, Add</i> .....	51.42	
23 21	13 23-0612		<b>Cut And Prepare For Welding Existing In-Place Black Steel Pipe</b> (23 21 13 23-0393)		
			Note: For use when connecting pipe to an existing in-place system.		
23 21	13 23-0613	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	13.46	
			<i>For Work In Restricted Working Space, Add</i> .....	4.04	
23 21	13 23-0614	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	14.54	
			<i>For Work In Restricted Working Space, Add</i> .....	4.36	
23 21	13 23-0615	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	16.35	
			<i>For Work In Restricted Working Space, Add</i> .....	4.91	
23 21	13 23-0616	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	17.16	
			<i>For Work In Restricted Working Space, Add</i> .....	5.15	
23 21	13 23-0617	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	18.17	
			<i>For Work In Restricted Working Space, Add</i> .....	5.45	
23 21	13 23-0618	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	19.52	
			<i>For Work In Restricted Working Space, Add</i> .....	5.86	
23 21	13 23-0619	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	20.86	
			<i>For Work In Restricted Working Space, Add</i> .....	6.26	
23 21	13 23-0620	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	22.88	
			<i>For Work In Restricted Working Space, Add</i> .....	6.86	
23 21	13 23-0621	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	24.90	
			<i>For Work In Restricted Working Space, Add</i> .....	7.47	
23 21	13 23-0622	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	26.92	
			<i>For Work In Restricted Working Space, Add</i> .....	8.08	
23 21	13 23-0623	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	28.94	
			<i>For Work In Restricted Working Space, Add</i> .....	8.68	
23 21	13 23-0624	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	31.63	
			<i>For Work In Restricted Working Space, Add</i> .....	9.49	
23 21	13 23-0625	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	34.32	
			<i>For Work In Restricted Working Space, Add</i> .....	10.30	
23 21	13 23-0626	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	37.01	
			<i>For Work In Restricted Working Space, Add</i> .....	11.10	
23 21	13 23-0627	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	39.70	
			<i>For Work In Restricted Working Space, Add</i> .....	11.91	
23 21	13 23-0628	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	41.73	
			<i>For Work In Restricted Working Space, Add</i> .....	12.52	
23 21	13 23-0629	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	43.75	
			<i>For Work In Restricted Working Space, Add</i> .....	13.13	
23 21	13 23-0630	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe .....	46.44	
			<i>For Work In Restricted Working Space, Add</i> .....	13.93	
23 21	13 23-0631		<b>Welded Plain End Electric Resistance Black Steel Pipe</b> (23 21 13 23-0393)		
			Note: ASTM A-135.		
23 21	13 23-0632	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	14.13	7.15
			<i>For Work In Restricted Working Space, Add</i> .....	3.51	
23 21	13 23-0633	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	15.44	7.79
			<i>For Work In Restricted Working Space, Add</i> .....	3.51	
23 21	13 23-0634	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	16.10	7.67
			<i>For Work In Restricted Working Space, Add</i> .....	3.44	
23 21	13 23-0635	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	20.19	9.74
			<i>For Work In Restricted Working Space, Add</i> .....	4.38	
23 21	13 23-0636	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	32.43	14.42
			<i>For Work In Restricted Working Space, Add</i> .....	6.48	
23 21	13 23-0637	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	38.78	15.65
			<i>For Work In Restricted Working Space, Add</i> .....	7.05	
23 21	13 23-0638	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	51.94	19.49
			<i>For Work In Restricted Working Space, Add</i> .....	8.77	
23 21	13 23-0639	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	62.99	23.50
			<i>For Work In Restricted Working Space, Add</i> .....	10.57	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0640 LF 14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	80.57 13.72	30.50
<b>23 21 13 23-0641 Flanged Steel Fittings</b> (23 21 13 23) See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0525 for welded neck flange ends.		
<b>23 21 13 23-0642 Flanged Steel Fittings, Standard Weight</b> (23 21 13 23-0641) Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0576 for gaskets.		
<b>23 21 13 23-0643 Flanged Steel, 90 Degree Elbows</b> (23 21 13 23-0642)		
23 21 13 23-0644 EA 2" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	400.82 285.96 428.94	28.93
23 21 13 23-0645 EA 2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	447.09 319.01 478.51	32.22
23 21 13 23-0646 EA 3" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	441.26 310.38 465.58	35.56
23 21 13 23-0647 EA 4" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	563.11 400.92 601.38	41.33
23 21 13 23-0648 EA 5" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	796.87 581.98 872.96	46.28
23 21 13 23-0649 EA 6" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	838.55 606.41 909.61	53.72
23 21 13 23-0650 EA 8" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,071.20 785.58 1,178.38	59.48
<b>23 21 13 23-0651 Flanged Steel, Reducing 90 Degree Elbows</b> (23 21 13 23-0642)		
23 21 13 23-0652 EA 2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	767.93 577.66 866.50	30.61
23 21 13 23-0653 EA 3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	798.03 597.78 896.68	33.90
23 21 13 23-0654 EA 4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	997.05 751.54 1,127.32	38.42
23 21 13 23-0655 EA 5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,239.65 942.66 1,413.98	40.90
23 21 13 23-0656 EA 6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,411.23 1,071.98 1,607.98	47.52
23 21 13 23-0657 EA 8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,976.32 1,513.14 2,269.72	56.63
<b>23 21 13 23-0658 Flanged Steel, 45 Degree Elbows</b> (23 21 13 23-0642)		
23 21 13 23-0659 EA 2" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	530.15 389.42 584.14	28.93
23 21 13 23-0660 EA 2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	551.27 402.35 603.53	32.22
23 21 13 23-0661 EA 3" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	570.59 413.85 620.77	35.56
23 21 13 23-0662 EA 4" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	713.99 521.62 782.44	41.33
23 21 13 23-0663 EA 5" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,041.16 777.41 1,166.11	46.28
23 21 13 23-0664 EA 6" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,007.39 741.48 1,112.22	53.72
23 21 13 23-0665 EA 8" Standard Weight, Flanged Steel, 45 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,191.45 881.78 1,322.68	59.48
<b>23 21 13 23-0666 Flanged Steel, Tees</b> (23 21 13 23-0642)		
23 21 13 23-0667 EA 2" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	508.73 354.94 532.40	43.37

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0668	EA	2-1/2" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	663.45 472.77 709.15	48.33
23 21	13 23-0669	EA	3" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	597.25 413.86 620.78	53.28
23 21	13 23-0670	EA	4" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	865.30 617.89 926.83	62.02
23 21	13 23-0671	EA	5" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,304.63 960.43 1,440.65	69.46
23 21	13 23-0672	EA	6" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,595.75 1,179.95 1,769.93	80.61
23 21	13 23-0673	EA	8" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,763.31 1,298.62 1,947.94	93.37
<b>23 21</b>	<b>13 23-0674</b>		<b>Flanged Steel, Reducing Tees</b> <small>(23 21 13 23-0642)</small>		
23 21	13 23-0675	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	822.63 602.10 903.14	46.72
23 21	13 23-0676	EA	3" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	952.21 699.81 1,049.71	51.67
23 21	13 23-0677	EA	4" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,663.78 1,260.14 1,890.22	59.11
23 21	13 23-0678	EA	5" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,795.80 1,356.34 2,034.50	66.97
23 21	13 23-0679	EA	6" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,263.59 1,718.67 2,578.01	76.89
23 21	13 23-0680	EA	8" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,834.61 2,164.10 3,246.14	86.37
<b>23 21</b>	<b>13 23-0681</b>		<b>Flanged Steel, Concentric Reducers</b> <small>(23 21 13 23-0642)</small>		
23 21	13 23-0682	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	787.25 589.16 883.74	33.90
23 21	13 23-0683	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	894.66 669.63 1,004.45	38.42
23 21	13 23-0684	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,339.19 1,018.82 1,528.22	43.80
23 21	13 23-0685	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,477.70 1,125.16 1,687.74	47.52
23 21	13 23-0686	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,730.23 1,316.27 1,974.41	56.63
<b>23 21</b>	<b>13 23-0687</b>		<b>Flanged Steel, Eccentric Reducers</b> <small>(23 21 13 23-0642)</small>		
23 21	13 23-0688	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,047.34 791.78 1,187.66	38.42
23 21	13 23-0689	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,436.19 1,096.42 1,644.62	43.80
<b>23 21</b>	<b>13 23-0690</b>		<b>Flanged Pipe Spool</b> <small>(23 21 13 23-0642)</small>		
23 21	13 23-0691	EA	4" (10 cm) Pipe Spool, Flanged Steel, Standard Weight..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	335.49 218.82 328.24	41.33
23 21	13 23-0692	EA	6" (10 cm) Pipe Spool, Flanged Steel, Standard Weight..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	463.43 306.30 459.46	53.72
<b>23 21</b>	<b>13 23-0693</b>		<b>Plain End Couplings And Fittings</b> <small>(23 21 13 23)</small> Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
<b>23 21</b>	<b>13 23-0694</b>		<b>Plain End Piping System Couplings</b> <small>(23 21 13 23-0693)</small>		
<b>23 21</b>	<b>13 23-0695</b>		<b>Plainlock Plain End Piping System Couplings</b> <small>(23 21 13 23-0694)</small> Note: Ductile iron body with gasket, bolts and nuts.		



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Piping And Pumps		23 20
Hydronic Piping And Pumps		23 21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0696	EA	1" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	103.66 19.62	3.72
23 21	13 23-0697	EA	1-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	105.83 19.62	5.14
23 21	13 23-0698	EA	2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	108.34 19.62	6.82
23 21	13 23-0699	EA	2-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	110.48 19.62	8.24
23 21	13 23-0700	EA	3" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	130.63 23.15	9.92
23 21	13 23-0701	EA	4" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	180.20 32.08	13.20
23 21	13 23-0702	EA	6" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	303.02 54.16	21.50
<b>23 21 13 23-0703 Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0694)</b>					
Note: Ductile iron body with gasket, bolts and nuts.					
23 21	13 23-0704	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	124.88 29.28	5.14
23 21	13 23-0705	EA	2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	127.39 29.28	6.82
23 21	13 23-0706	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	129.53 29.28	8.30
23 21	13 23-0707	EA	3" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	188.36 43.38	9.92
23 21	13 23-0708	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	218.15 50.20	11.59
23 21	13 23-0709	EA	4" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	220.60 50.20	13.20
23 21	13 23-0710	EA	5" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	311.67 71.72	16.54
23 21	13 23-0711	EA	6" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	382.58 87.59	21.50
23 21	13 23-0712	EA	8" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	659.70 155.31	25.65
23 21	13 23-0713	EA	10" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	853.79 202.06	30.36
23 21	13 23-0714	EA	12" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,068.07 253.54	35.93
23 21	13 23-0715	EA	14" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,499.70 360.03	39.72
23 21	13 23-0716	EA	16" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	2,039.48 493.03	44.92
<b>23 21 13 23-0717 Plain End Piping System Fittings (23 21 13 23-0693)</b>					
Note: Cast ductile iron bodies.					
<b>23 21 13 23-0718 Plain End Piping System, 90 Degree Elbows (23 21 13 23-0717)</b>					
23 21	13 23-0719	EA	1" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	102.72 18.52	6.75
23 21	13 23-0720	EA	1-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	107.92 18.52	10.22
23 21	13 23-0721	EA	2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	112.84 18.52	13.51
23 21	13 23-0722	EA	2-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	117.26 18.52	16.48
23 21	13 23-0723	EA	3" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	141.11 22.24	19.95
23 21	13 23-0724	EA	4" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	201.59 32.44	26.27
23 21	13 23-0725	EA	5" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	610.69 112.27	32.90
23 21	13 23-0726	EA	6" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	510.91 89.27	43.07
23 21	13 23-0727	EA	8" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,019.45 188.55	51.12
23 21	13 23-0728	EA	10" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,274.46 236.98	59.73
23 21	13 23-0729	EA	12" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,616.25 301.74	71.75
<b>23 21 13 23-0730 Plain End Piping System, 45 Degree Elbows (23 21 13 23-0717)</b>					
23 21	13 23-0731	EA	1" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	102.72 18.52	6.75
23 21	13 23-0732	EA	1-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	107.92 18.52	10.22
23 21	13 23-0733	EA	2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	112.84 18.52	13.51
23 21	13 23-0734	EA	2-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	117.26 18.52	16.48

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0735	EA	3" Plain End Piping System, 45 Degree Elbow .....	141.11	19.95
			<i>For Galvanized Fittings, Add</i> .....	22.24	
23 21	13 23-0736	EA	4" Plain End Piping System, 45 Degree Elbow .....	201.59	26.27
			<i>For Galvanized Fittings, Add</i> .....	32.44	
23 21	13 23-0737	EA	5" Plain End Piping System, 45 Degree Elbow .....	610.69	32.90
			<i>For Galvanized Fittings, Add</i> .....	112.27	
23 21	13 23-0738	EA	6" Plain End Piping System, 45 Degree Elbow .....	512.63	43.07
			<i>For Galvanized Fittings, Add</i> .....	89.62	
23 21	13 23-0739	EA	8" Plain End Piping System, 45 Degree Elbow .....	594.70	51.12
			<i>For Galvanized Fittings, Add</i> .....	103.60	
23 21	13 23-0740	EA	10" Plain End Piping System, 45 Degree Elbow .....	812.47	59.73
			<i>For Galvanized Fittings, Add</i> .....	144.59	
23 21	13 23-0741	EA	12" Plain End Piping System, 45 Degree Elbow .....	1,041.50	71.75
			<i>For Galvanized Fittings, Add</i> .....	186.79	
<b>23 21</b>	<b>13 23-0742</b>		<b>Plain End Piping System, Tees (23 21 13 23-0717)</b>		
23 21	13 23-0743	EA	1" Plain End Piping System, Tee .....	140.01	10.22
			<i>For Galvanized Fittings, Add</i> .....	24.94	
23 21	13 23-0744	EA	1-1/2" Plain End Piping System, Tee .....	147.70	15.36
			<i>For Galvanized Fittings, Add</i> .....	24.94	
23 21	13 23-0745	EA	2" Plain End Piping System, Tee .....	154.47	19.89
			<i>For Galvanized Fittings, Add</i> .....	24.94	
23 21	13 23-0746	EA	2-1/2" Plain End Piping System, Tee .....	161.21	24.35
			<i>For Galvanized Fittings, Add</i> .....	24.94	
23 21	13 23-0747	EA	3" Plain End Piping System, Tee .....	224.32	29.93
			<i>For Galvanized Fittings, Add</i> .....	35.88	
23 21	13 23-0748	EA	4" Plain End Piping System, Tee .....	307.55	38.73
			<i>For Galvanized Fittings, Add</i> .....	49.91	
23 21	13 23-0749	EA	5" Plain End Piping System, Tee .....	624.07	50.62
			<i>For Galvanized Fittings, Add</i> .....	109.63	
23 21	13 23-0750	EA	6" Plain End Piping System, Tee .....	771.54	63.38
			<i>For Galvanized Fittings, Add</i> .....	135.30	
23 21	13 23-0751	EA	8" Plain End Piping System, Tee .....	1,052.97	77.08
			<i>For Galvanized Fittings, Add</i> .....	187.47	
23 21	13 23-0752	EA	10" Plain End Piping System, Tee .....	1,566.14	89.84
			<i>For Galvanized Fittings, Add</i> .....	286.29	
23 21	13 23-0753	EA	12" Plain End Piping System, Tee .....	2,097.79	107.63
			<i>For Galvanized Fittings, Add</i> .....	387.29	
<b>23 21</b>	<b>13 23-0754</b>		<b>Plain End Piping System, Reducing Tees (23 21 13 23-0717)</b>		
23 21	13 23-0755	EA	1-1/2" Plain End Piping System, Reducing Tee .....	271.14	16.48
			<i>For Galvanized Fittings, Add</i> .....	49.29	
23 21	13 23-0756	EA	2" Plain End Piping System, Reducing Tee .....	276.23	19.89
			<i>For Galvanized Fittings, Add</i> .....	49.29	
23 21	13 23-0757	EA	2-1/2" Plain End Piping System, Reducing Tee .....	282.97	24.35
			<i>For Galvanized Fittings, Add</i> .....	49.29	
23 21	13 23-0758	EA	3" Plain End Piping System, Reducing Tee .....	291.34	29.93
			<i>For Galvanized Fittings, Add</i> .....	49.29	
23 21	13 23-0759	EA	4" Plain End Piping System, Reducing Tee .....	421.85	38.73
			<i>For Galvanized Fittings, Add</i> .....	72.77	
23 21	13 23-0760	EA	6" Plain End Piping System, Reducing Tee .....	712.85	63.38
			<i>For Galvanized Fittings, Add</i> .....	123.56	
23 21	13 23-0761	EA	8" Plain End Piping System, Reducing Tee .....	929.23	77.08
			<i>For Galvanized Fittings, Add</i> .....	162.73	
23 21	13 23-0762	EA	10" Plain End Piping System, Reducing Tee .....	1,389.03	89.84
			<i>For Galvanized Fittings, Add</i> .....	250.87	
23 21	13 23-0763	EA	12" Plain End Piping System, Reducing Tee .....	2,047.11	107.63
			<i>For Galvanized Fittings, Add</i> .....	377.15	
<b>23 21</b>	<b>13 23-0764</b>		<b>Plain End Piping System, Wyes (23 21 13 23-0717)</b>		
23 21	13 23-0765	EA	2" Plain End Piping System, Wye .....	394.99	19.89
			<i>For Galvanized Fittings, Add</i> .....	73.04	
23 21	13 23-0766	EA	2-1/2" Plain End Piping System, Wye .....	401.73	24.35
			<i>For Galvanized Fittings, Add</i> .....	73.04	
23 21	13 23-0767	EA	3" Plain End Piping System, Wye .....	455.41	29.93
			<i>For Galvanized Fittings, Add</i> .....	82.10	
23 21	13 23-0768	EA	4" Plain End Piping System, Wye .....	667.34	38.73
			<i>For Galvanized Fittings, Add</i> .....	121.86	
23 21	13 23-0769	EA	5" Plain End Piping System, Wye .....	817.40	50.62
			<i>For Galvanized Fittings, Add</i> .....	148.29	
23 21	13 23-0770	EA	6" Plain End Piping System, Wye .....	1,116.06	63.38
			<i>For Galvanized Fittings, Add</i> .....	204.21	
23 21	13 23-0771	EA	8" Plain End Piping System, Wye .....	1,437.90	77.08
			<i>For Galvanized Fittings, Add</i> .....	264.46	
23 21	13 23-0772	EA	10" Plain End Piping System, Wye .....	2,084.59	89.84
			<i>For Galvanized Fittings, Add</i> .....	389.98	
23 21	13 23-0773	EA	12" Plain End Piping System, Wye .....	3,167.30	107.63
			<i>For Galvanized Fittings, Add</i> .....	601.19	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Piping And Pumps			23 20
Hydronic Piping And Pumps			23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-0774 Plain End Piping System, Laterals</b> <small>(23 21 13 23-0717)</small>					
23 21	13 23-0775	EA	2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	420.82 78.21	19.89
23 21	13 23-0776	EA	2-1/2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	427.56 78.21	24.35
23 21	13 23-0777	EA	3" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	481.06 87.23	29.93
23 21	13 23-0778	EA	4" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	716.34 131.66	38.73
23 21	13 23-0779	EA	5" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	934.10 171.63	50.62
23 21	13 23-0780	EA	6" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,191.14 219.22	63.38
23 21	13 23-0781	EA	8" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,713.69 319.62	77.08
23 21	13 23-0782	EA	10" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	2,390.58 451.18	89.84
23 21	13 23-0783	EA	12" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	3,212.78 610.28	107.63
<b>23 21 13 23-0784 Plain End Piping System, Crosses</b> <small>(23 21 13 23-0717)</small>					
23 21	13 23-0785	EA	2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	469.22 53.07	29.80
23 21	13 23-0786	EA	2-1/2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	479.32 53.07	36.50
23 21	13 23-0787	EA	3" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	559.80 61.56	44.92
23 21	13 23-0788	EA	4" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	763.53 84.56	58.06
23 21	13 23-0789	EA	5" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,074.77 120.11	75.96
23 21	13 23-0790	EA	6" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,410.87 158.60	94.80
23 21	13 23-0791	EA	8" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,799.80 203.46	114.81
23 21	13 23-0792	EA	10" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	2,576.07 296.86	134.20
23 21	13 23-0793	EA	12" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	3,666.46 428.05	161.47
<b>23 21 13 23-0794 Plain End Piping System, Adapter Nipples</b> <small>(23 21 13 23-0717)</small>					
Note: Plain to threaded, plain to beveled or plain to grooved.					
23 21	13 23-0795	EA	1" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	18.26 3.17	3.72
23 21	13 23-0796	EA	1-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	20.78 3.26	5.14
23 21	13 23-0797	EA	2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	23.22 3.26	6.82
23 21	13 23-0798	EA	2-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	27.65 3.82	8.24
23 21	13 23-0799	EA	3" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	33.73 4.72	9.92
23 21	13 23-0800	EA	4" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	51.35 7.88	13.20
23 21	13 23-0801	EA	6" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	110.07 21.32	16.54
<b>23 21 13 23-0802 Plain End Piping System, Reducing (Swaged) Nipples</b> <small>(23 21 13 23-0717)</small>					
23 21	13 23-0803	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	55.92 10.65	8.86
23 21	13 23-0804	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	58.41 10.65	10.53
23 21	13 23-0805	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	60.91 10.65	12.21
23 21	13 23-0806	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	60.30 10.65	11.83
23 21	13 23-0807	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	62.75 10.65	13.45
23 21	13 23-0808	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	65.22 10.65	15.05
23 21	13 23-0809	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	72.30 12.97	13.63
23 21	13 23-0810	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	74.51 12.97	15.05
23 21	13 23-0811	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	65.02 9.98	16.73
23 21	13 23-0812	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	69.81 9.98	19.95
23 21	13 23-0813	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	79.92 11.93	21.50

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0814	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	98.36 18.24	16.92
23 21	13 23-0815	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	100.53 18.24	18.40
23 21	13 23-0816	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	85.33 13.81	20.08
23 21	13 23-0817	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	87.45 13.81	21.50
23 21	13 23-0818	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	89.98 13.81	23.17
23 21	13 23-0819	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	92.39 13.81	24.79
23 21	13 23-0820	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	238.23 50.80	23.36
23 21	13 23-0821	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	196.45 39.21	26.39
23 21	13 23-0822	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	173.70 32.27	29.80
23 21	13 23-0823	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	424.93 96.79	25.22
23 21	13 23-0824	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	427.07 96.79	26.64
23 21	13 23-0825	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	328.79 71.59	28.32
23 21	13 23-0826	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	330.99 71.59	29.80
23 21	13 23-0827	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	232.66 46.40	31.41
23 21	13 23-0828	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	234.91 46.40	32.90
23 21	13 23-0829	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	192.72 35.19	34.69
23 21	13 23-0830	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	218.32 40.34	37.98
23 21	13 23-0831	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	277.04 55.95	35.50
23 21	13 23-0832	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	282.05 55.95	38.85
23 21	13 23-0833	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	317.83 63.65	42.20
23 21	13 23-0834	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	356.13 71.35	47.15
23 21	13 23-0835		<b>Plain End Piping System, Bull Plugs</b> (23 21 13 23-0717)		
23 21	13 23-0836	EA	1" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	206.89 60.39	3.72
23 21	13 23-0837	EA	1-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	209.06 60.39	5.14
23 21	13 23-0838	EA	2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	211.50 60.39	6.82
23 21	13 23-0839	EA	2-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	213.70 60.39	8.24
23 21	13 23-0840	EA	3" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	309.96 88.53	9.92
23 21	13 23-0841	EA	4" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	400.98 114.35	13.20
23 21	13 23-0842	EA	5" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	698.37 202.08	16.54
23 21	13 23-0843	EA	6" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	930.62 269.52	21.50
23 21	13 23-0844	EA	8" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	1,727.45 506.71	25.59
23 21	13 23-0845	EA	10" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	3,111.08 919.85	29.93
23 21	13 23-0846	EA	12" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	4,769.13 1,414.57	35.93
23 21	13 23-0847		<b>Carbon Steel Piping Systems</b> (23 21 13 23)		
23 21	13 23-0848		<b>Class 3,000 LB Carbon Steel Socket Weld Fittings</b> (23 21 13 23-0847) Note: ASTM A105		
23 21	13 23-0849		<b>90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld</b> (23 21 13 23-0848)		
23 21	13 23-0850	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	23.46	12.27
23 21	13 23-0851	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	26.38	13.69
23 21	13 23-0852	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	33.70	15.30
23 21	13 23-0853	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	46.02	17.35
23 21	13 23-0854	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	52.62	19.52
23 21	13 23-0855	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	71.46	24.85
23 21	13 23-0856	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	141.98	36.74
23 21	13 23-0857	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	202.18	48.33
23 21	13 23-0858	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	347.38	47.99



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-0859 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0860 EA 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	25.71	12.27
				23 21 13 23-0861 EA 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	29.78	13.69
				23 21 13 23-0862 EA 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	34.74	15.30
				23 21 13 23-0863 EA 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	47.35	17.35
				23 21 13 23-0864 EA 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	55.79	19.52
				23 21 13 23-0865 EA 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	71.39	24.85
				23 21 13 23-0866 EA 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	161.39	36.74
				23 21 13 23-0867 EA 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	218.61	48.33
				23 21 13 23-0868 EA 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	340.27	47.99
<b>23 21 13 23-0869 Straight Tees, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0870 EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	28.75	15.30
				23 21 13 23-0871 EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	34.85	17.65
				23 21 13 23-0872 EA 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	46.10	20.88
				23 21 13 23-0873 EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	61.36	24.85
				23 21 13 23-0874 EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	74.36	29.62
				23 21 13 23-0875 EA 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	98.55	36.74
				23 21 13 23-0876 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	177.12	48.33
				23 21 13 23-0877 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	243.18	57.37
				23 21 13 23-0878 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	460.01	60.59
<b>23 21 13 23-0879 Reducing Tees, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0880 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	29.36	15.30
				23 21 13 23-0881 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	35.49	17.65
				23 21 13 23-0882 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	46.86	20.88
				23 21 13 23-0883 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	63.16	24.85
				23 21 13 23-0884 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	76.48	29.62
				23 21 13 23-0885 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	101.80	36.74
				23 21 13 23-0886 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	184.84	48.33
				23 21 13 23-0887 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	254.29	57.37
				23 21 13 23-0888 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	420.46	60.59
<b>23 21 13 23-0889 Straight Couplings, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0890 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	20.69	12.27
				23 21 13 23-0891 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	23.31	13.69
				23 21 13 23-0892 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	27.18	15.30
				23 21 13 23-0893 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	31.32	17.35
				23 21 13 23-0894 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	36.48	19.52
				23 21 13 23-0895 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	47.70	24.85
				23 21 13 23-0896 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB.....	81.45	36.74
				23 21 13 23-0897 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	108.84	48.33
				23 21 13 23-0898 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	144.47	47.99
<b>23 21 13 23-0899 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0900 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	21.94	12.27
				23 21 13 23-0901 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	24.69	13.69
				23 21 13 23-0902 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	29.38	15.30
				23 21 13 23-0903 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	33.98	17.35
				23 21 13 23-0904 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	40.42	19.52
				23 21 13 23-0905 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	51.92	24.85
				23 21 13 23-0906 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	90.74	36.74
				23 21 13 23-0907 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	127.53	48.33
				23 21 13 23-0908 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	183.32	47.99
<b>23 21 13 23-0909 Caps, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0910 EA 1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	12.29	5.76
				23 21 13 23-0911 EA 3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	14.01	6.13
				23 21 13 23-0912 EA 1" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	16.43	7.06
				23 21 13 23-0913 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	19.09	7.69
				23 21 13 23-0914 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	21.89	7.69
				23 21 13 23-0915 EA 2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	28.40	9.86
				23 21 13 23-0916 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	50.37	12.27
				23 21 13 23-0917 EA 3" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	72.63	14.81
				23 21 13 23-0918 EA 4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	103.29	16.42
<b>23 21 13 23-0919 Black Cast Iron Square Head Plug</b> <small>(23 21 13 23-0848)</small>						
				23 21 13 23-0920 EA 1/2" Square Head Plug, Black, Cast Iron.....	8.11	4.89
				23 21 13 23-0921 EA 3/4" Square Head Plug, Black, Cast Iron.....	9.30	4.89
				23 21 13 23-0922 EA 1" Square Head Plug, Black, Cast Iron.....	13.33	7.43
				23 21 13 23-0923 EA 1-1/4" Square Head Plug, Black, Cast Iron.....	13.57	7.43
				23 21 13 23-0924 EA 1-1/2" Square Head Plug, Black, Cast Iron.....	14.56	7.43

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0925 EA 2" Square Head Plug, Black, Cast Iron .....	19.28	9.86
23 21 13 23-0926 EA 2-1/2" Square Head Plug, Black, Cast Iron .....	24.85	12.27
23 21 13 23-0927 EA 3" Square Head Plug, Black, Cast Iron .....	32.61	14.81
23 21 13 23-0928 EA 4" Square Head Plug, Black, Cast Iron .....	36.88	16.42
<b>23 21 13 23-0929 Unions, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0848)</small>		
23 21 13 23-0930 EA 1/2" Union, Carbon Steel, Socket Weld, 3,000 LB .....	36.01	15.30
23 21 13 23-0931 EA 3/4" Union, Carbon Steel, Socket Weld, 3,000 LB .....	39.88	17.65
23 21 13 23-0932 EA 1" Union, Carbon Steel, Socket Weld, 3,000 LB .....	50.88	20.88
23 21 13 23-0933 EA 1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB .....	64.24	24.85
23 21 13 23-0934 EA 1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB .....	77.41	29.62
23 21 13 23-0935 EA 2" Union, Carbon Steel, Socket Weld, 3,000 LB .....	96.77	36.74
23 21 13 23-0936 EA 2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB .....	166.61	39.90
23 21 13 23-0937 EA 3" Union, Carbon Steel, Socket Weld, 3,000 LB .....	223.78	48.33
<b>23 21 13 23-0938 Class 6,000 LB Carbon Steel Socket Weld Fittings</b> <small>(23 21 13 23-0847)</small>		
Note: ASTM A105		
<b>23 21 13 23-0939 90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0940 EA 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	26.17	12.27
23 21 13 23-0941 EA 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	29.48	13.69
23 21 13 23-0942 EA 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	39.41	15.30
23 21 13 23-0943 EA 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	56.66	17.35
23 21 13 23-0944 EA 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	65.00	19.52
23 21 13 23-0945 EA 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	89.65	24.85
23 21 13 23-0946 EA 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	188.13	36.74
23 21 13 23-0947 EA 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	271.07	48.33
23 21 13 23-0948 EA 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	493.67	47.99
<b>23 21 13 23-0949 45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0950 EA 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	29.87	12.27
23 21 13 23-0951 EA 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	35.01	13.69
23 21 13 23-0952 EA 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	41.42	15.30
23 21 13 23-0953 EA 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	59.44	17.35
23 21 13 23-0954 EA 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	70.79	19.52
23 21 13 23-0955 EA 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	90.75	24.85
23 21 13 23-0956 EA 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	221.59	36.74
23 21 13 23-0957 EA 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	301.35	48.33
23 21 13 23-0958 EA 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB .....	492.21	47.99
<b>23 21 13 23-0959 Straight Tees, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0960 EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	34.11	15.30
23 21 13 23-0961 EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	42.61	17.65
23 21 13 23-0962 EA 1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	58.82	20.88
23 21 13 23-0963 EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	83.73	24.85
23 21 13 23-0964 EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	102.10	29.62
23 21 13 23-0965 EA 2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	138.81	36.74
23 21 13 23-0966 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	274.04	48.33
23 21 13 23-0967 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	388.71	57.37
23 21 13 23-0968 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	801.92	60.59
<b>23 21 13 23-0969 Reducing Tees, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0970 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	29.36	15.30
23 21 13 23-0971 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	35.49	17.65
23 21 13 23-0972 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	46.86	20.88
23 21 13 23-0973 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	63.16	24.85
23 21 13 23-0974 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	76.48	29.62
23 21 13 23-0975 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	101.80	36.74
23 21 13 23-0976 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	184.84	48.33
23 21 13 23-0977 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	254.29	57.37
23 21 13 23-0978 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB .....	420.46	60.59
<b>23 21 13 23-0979 Straight Couplings, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0980 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	21.82	12.27
23 21 13 23-0981 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	24.64	13.69
23 21 13 23-0982 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	29.23	15.30
23 21 13 23-0983 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	33.90	17.35
23 21 13 23-0984 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	39.95	19.52
23 21 13 23-0985 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	52.77	24.85
23 21 13 23-0986 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	94.21	36.74
23 21 13 23-0987 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	126.43	48.33
23 21 13 23-0988 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB .....	179.56	47.99





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-0989</b> <b>Reducing Couplings, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-0990 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	23.67	12.27
23 21 13 23-0991 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	26.67	13.69
23 21 13 23-0992 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	32.47	15.30
23 21 13 23-0993 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	37.81	17.35
23 21 13 23-0994 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	45.76	19.52
23 21 13 23-0995 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	58.97	24.85
23 21 13 23-0996 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	107.86	36.74
23 21 13 23-0997 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	153.95	48.33
23 21 13 23-0998 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	236.79	47.99
<b>23 21 13 23-0999</b> <b>Caps, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-1000 EA 1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	14.77	5.76
23 21 13 23-1001 EA 3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	17.25	6.13
23 21 13 23-1002 EA 1" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	20.35	7.06
23 21 13 23-1003 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	24.21	7.69
23 21 13 23-1004 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	28.88	7.69
23 21 13 23-1005 EA 2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	37.52	9.86
23 21 13 23-1006 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	71.85	12.27
23 21 13 23-1007 EA 3" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	106.47	14.81
23 21 13 23-1008 EA 4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	156.05	16.42
<b>23 21 13 23-1009</b> <b>Black Cast Iron Square Head Plug</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-1010 EA 1/2" Square Head Plug, Black Cast Iron.....	8.11	4.89
23 21 13 23-1011 EA 3/4" Square Head Plug, Black Cast Iron.....	9.31	4.89
23 21 13 23-1012 EA 1" Square Head Plug, Black Cast Iron.....	13.34	7.43
23 21 13 23-1013 EA 1-1/4" Square Head Plug, Black Cast Iron.....	13.58	7.43
23 21 13 23-1014 EA 1-1/2" Square Head Plug, Black Cast Iron.....	14.57	7.43
23 21 13 23-1015 EA 2" Square Head Plug, Black Cast Iron.....	19.30	9.86
23 21 13 23-1016 EA 2-1/2" Square Head Plug, Black Cast Iron.....	24.88	12.27
23 21 13 23-1017 EA 3" Square Head Plug, Black Cast Iron.....	32.66	14.81
23 21 13 23-1018 EA 4" Square Head Plug, Black Cast Iron.....	36.94	16.42
<b>23 21 13 23-1019</b> <b>Unions, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-0938)</small>		
23 21 13 23-1020 EA 1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	43.99	15.30
23 21 13 23-1021 EA 3/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	48.08	17.65
23 21 13 23-1022 EA 1" Union, Carbon Steel, Socket Weld, 6,000 LB.....	62.85	20.88
23 21 13 23-1023 EA 1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	80.77	24.85
23 21 13 23-1024 EA 1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	97.58	29.62
23 21 13 23-1025 EA 2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	122.27	36.74
23 21 13 23-1026 EA 2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	231.89	39.90
23 21 13 23-1027 EA 3" Union, Carbon Steel, Socket Weld, 6,000 LB.....	316.31	48.33
<b>23 21 13 23-1028</b> <b>Carbon Steel Piping System</b> <small>(23 21 13 23-0847)</small>		
Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
<b>23 21 13 23-1029</b> <b>Schedule 40 Carbon Steel Piping</b> <small>(23 21 13 23-1028)</small>		
Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1030 LF 1/4" ASTM A106 Carbon Steel Pipe, Schedule 40.....	4.99	2.29
For Schedule 80, Add	0.56	
23 21 13 23-1031 LF 1/2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	5.17	2.48
For Schedule 160, Add	2.13	
For Schedule 80, Add	0.51	
23 21 13 23-1032 LF 3/4" ASTM A106 Carbon Steel Pipe, Schedule 40.....	5.73	2.66
For Schedule 160, Add	2.61	
For Schedule 80, Add	0.63	
23 21 13 23-1033 LF 1" ASTM A106 Carbon Steel Pipe, Schedule 40.....	6.13	2.92
For Schedule 160, Add	2.69	
For Schedule 80, Add	0.64	
23 21 13 23-1034 LF 1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	8.03	3.59
For Schedule 160, Add	3.96	
For Schedule 80, Add	0.95	
23 21 13 23-1035 LF 2" ASTM A106 Carbon Steel Pipe, Schedule 40.....	10.01	4.34
For Schedule 160, Add	5.22	
For Schedule 80, Add	1.25	
<b>23 21 13 23-1036</b> <b>90 Degree Elbows, Screwed Carbon Steel</b> <small>(23 21 13 23-1028)</small>		
23 21 13 23-1037 EA 1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	17.34	9.42
23 21 13 23-1038 EA 1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	20.93	11.03
23 21 13 23-1039 EA 3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	23.39	12.33
23 21 13 23-1040 EA 1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	26.82	13.76
23 21 13 23-1041 EA 1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	42.31	17.59
23 21 13 23-1042 EA 2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	53.61	22.37
23 21 13 23-1043 EA 1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	18.36	9.42
23 21 13 23-1044 EA 1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	21.32	11.03
23 21 13 23-1045 EA 3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	24.66	12.33

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

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VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1046	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	29.58	13.76
23 21	13 23-1047	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	48.90	17.59
23 21	13 23-1048	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	60.89	22.37
23 21	13 23-1049	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	24.90	11.03
23 21	13 23-1050	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	29.17	12.33
23 21	13 23-1051	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	34.32	13.76
23 21	13 23-1052	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	62.22	17.59
23 21	13 23-1053	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	96.21	22.37
<b>23 21</b>	<b>13 23-1054</b>		<b>45 Degree Elbows, Screwed Carbon Steel</b> <small>(23 21 13 23-1028)</small>		
23 21	13 23-1055	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	19.48	9.42
23 21	13 23-1056	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	21.76	11.03
23 21	13 23-1057	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	24.46	12.33
23 21	13 23-1058	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	27.64	13.76
23 21	13 23-1059	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	39.68	17.59
23 21	13 23-1060	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel .....	57.67	22.37
23 21	13 23-1061	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	19.65	9.42
23 21	13 23-1062	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	22.70	11.03
23 21	13 23-1063	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	25.54	12.33
23 21	13 23-1064	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	30.45	13.76
23 21	13 23-1065	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	47.88	17.59
23 21	13 23-1066	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	63.16	22.37
23 21	13 23-1067	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	27.38	11.03
23 21	13 23-1068	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	33.63	12.33
23 21	13 23-1069	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	36.00	13.76
23 21	13 23-1070	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	71.72	17.59
23 21	13 23-1071	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	96.84	22.37
<b>23 21</b>	<b>13 23-1072</b>		<b>Straight Tees, Screwed Carbon Steel</b> <small>(23 21 13 23-1028)</small>		
23 21	13 23-1073	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	23.12	13.07
23 21	13 23-1074	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	26.37	13.76
23 21	13 23-1075	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	31.63	15.92
23 21	13 23-1076	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	38.83	18.77
23 21	13 23-1077	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	62.41	26.64
23 21	13 23-1078	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel .....	77.37	33.09
23 21	13 23-1079	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	24.00	13.07
23 21	13 23-1080	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	26.94	13.76
23 21	13 23-1081	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	33.54	15.92
23 21	13 23-1082	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	40.47	18.77
23 21	13 23-1083	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	68.06	26.64
23 21	13 23-1084	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel .....	86.72	33.09
23 21	13 23-1085	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel .....	31.24	13.76
23 21	13 23-1086	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel .....	38.15	15.92
23 21	13 23-1087	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel .....	51.89	18.77
23 21	13 23-1088	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel .....	81.03	26.64
23 21	13 23-1089	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel .....	128.08	33.09
<b>23 21</b>	<b>13 23-1090</b>		<b>Crosses, Screwed Carbon Steel</b> <small>(23 21 13 23-1028)</small>		
23 21	13 23-1091	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel .....	34.78	16.54
23 21	13 23-1092	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel .....	41.15	18.59
23 21	13 23-1093	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel .....	44.23	19.82
23 21	13 23-1094	EA	1" Cross, 2,000 LB, Screwed Carbon Steel .....	54.75	23.92
23 21	13 23-1095	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel .....	95.64	33.46
23 21	13 23-1096	EA	2" Cross, 2,000 LB, Screwed Carbon Steel .....	123.56	41.33
23 21	13 23-1097	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel .....	42.22	18.59
23 21	13 23-1098	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel .....	50.41	19.82
23 21	13 23-1099	EA	1" Cross, 3,000 LB, Screwed Carbon Steel .....	60.14	23.92
23 21	13 23-1100	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel .....	103.44	33.46
23 21	13 23-1101	EA	2" Cross, 3,000 LB, Screwed Carbon Steel .....	137.80	41.33
23 21	13 23-1102	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel .....	62.34	18.59
23 21	13 23-1103	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel .....	105.32	19.82
23 21	13 23-1104	EA	1" Cross, 6,000 LB, Screwed Carbon Steel .....	144.77	23.92
23 21	13 23-1105	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel .....	229.28	33.46
23 21	13 23-1106	EA	2" Cross, 6,000 LB, Screwed Carbon Steel .....	250.95	41.33
<b>23 21</b>	<b>13 23-1107</b>		<b>Straight Couplings, Screwed Carbon Steel</b> <small>(23 21 13 23-1028)</small>		
23 21	13 23-1108	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	16.02	9.42
23 21	13 23-1109	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	18.30	11.03
23 21	13 23-1110	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	20.95	12.33
23 21	13 23-1111	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	24.35	13.76
23 21	13 23-1112	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	35.67	17.59
23 21	13 23-1113	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel .....	45.27	22.37
23 21	13 23-1114	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel .....	18.60	9.42
23 21	13 23-1115	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel .....	19.94	11.03
23 21	13 23-1116	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel .....	22.20	12.33
23 21	13 23-1117	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel .....	26.02	13.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1118 EA 1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	38.23	17.59
23 21 13 23-1119 EA 2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	54.59	22.37
<b>23 21 13 23-1120 Reducing Couplings, Screwed Carbon Steel (23 21 13 23-1028)</b>		
23 21 13 23-1121 EA 1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	16.38	10.04
23 21 13 23-1122 EA 1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	19.15	11.03
23 21 13 23-1123 EA 3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	22.24	12.33
23 21 13 23-1124 EA 1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	26.14	13.76
23 21 13 23-1125 EA 1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	36.14	17.59
23 21 13 23-1126 EA 2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	47.78	22.37
23 21 13 23-1127 EA 1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	52.17	11.03
23 21 13 23-1128 EA 3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	54.14	12.33
23 21 13 23-1129 EA 1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	63.33	13.76
23 21 13 23-1130 EA 1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	91.15	17.59
23 21 13 23-1131 EA 2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	131.04	22.37
<b>23 21 13 23-1132 Caps, Screwed Carbon Steel (23 21 13 23-1028)</b>		
23 21 13 23-1133 EA 1/4" Cap, 3,000 LB, Screwed Carbon Steel.....	4.96	2.29
23 21 13 23-1134 EA 1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	5.51	2.60
23 21 13 23-1135 EA 3/4" Cap, 3,000 LB, Screwed Carbon Steel.....	6.73	2.98
23 21 13 23-1136 EA 1" Cap, 3,000 LB, Screwed Carbon Steel.....	8.69	3.47
23 21 13 23-1137 EA 1-1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	11.83	4.16
23 21 13 23-1138 EA 2" Cap, 3,000 LB, Screwed Carbon Steel.....	16.53	5.14
23 21 13 23-1139 EA 1/4" Cap, 6,000 LB, Screwed Carbon Steel.....	8.05	2.29
23 21 13 23-1140 EA 1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	7.50	2.60
23 21 13 23-1141 EA 3/4" Cap, 6,000 LB, Screwed Carbon Steel.....	9.96	2.98
23 21 13 23-1142 EA 1" Cap, 6,000 LB, Screwed Carbon Steel.....	11.05	3.47
23 21 13 23-1143 EA 1-1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	21.45	4.16
23 21 13 23-1144 EA 2" Cap, 6,000 LB, Screwed Carbon Steel.....	25.89	5.14
<b>23 21 13 23-1145 Nipples, Screwed Carbon Steel (23 21 13 23-1028)</b>		
23 21 13 23-1146 EA 1/4" Nipple, 2" Long, Screwed Carbon Steel.....	9.86	5.64
23 21 13 23-1147 EA 1/2" Nipple, 2" Long, Screwed Carbon Steel.....	10.02	5.88
23 21 13 23-1148 EA 3/4" Nipple, 2" Long, Screwed Carbon Steel.....	9.95	5.88
23 21 13 23-1149 EA 1" Nipple, 2" Long, Screwed Carbon Steel.....	11.10	6.39
23 21 13 23-1150 EA 1-1/2" Nipple, 2" Long, Screwed Carbon Steel.....	12.69	6.88
23 21 13 23-1151 EA 2" Nipple, 2" Long, Screwed Carbon Steel.....	15.11	8.86
23 21 13 23-1152 EA 1/4" Nipple, 4" Long, Screwed Carbon Steel.....	10.45	5.64
23 21 13 23-1153 EA 1/2" Nipple, 4" Long, Screwed Carbon Steel.....	10.49	5.88
23 21 13 23-1154 EA 3/4" Nipple, 4" Long, Screwed Carbon Steel.....	10.48	5.88
23 21 13 23-1155 EA 1" Nipple, 4" Long, Screwed Carbon Steel.....	11.81	6.39
23 21 13 23-1156 EA 1-1/2" Nipple, 4" Long, Screwed Carbon Steel.....	13.97	6.88
23 21 13 23-1157 EA 2" Nipple, 4" Long, Screwed Carbon Steel.....	16.98	8.86
23 21 13 23-1158 EA 1/4" Nipple, 6" Long, Screwed Carbon Steel.....	11.87	5.64
23 21 13 23-1159 EA 1/2" Nipple, 6" Long, Screwed Carbon Steel.....	11.24	5.88
23 21 13 23-1160 EA 3/4" Nipple, 6" Long, Screwed Carbon Steel.....	11.31	5.88
23 21 13 23-1161 EA 1" Nipple, 6" Long, Screwed Carbon Steel.....	12.84	6.39
23 21 13 23-1162 EA 1-1/2" Nipple, 6" Long, Screwed Carbon Steel.....	15.71	6.88
23 21 13 23-1163 EA 2" Nipple, 6" Long, Screwed Carbon Steel.....	18.52	8.86
<b>23 21 13 23-1164 Unions, Screwed Carbon Steel (23 21 13 23-1028)</b>		
23 21 13 23-1165 EA 1/4" Union, 3,000 LB, Screwed Carbon Steel.....	20.68	13.69
23 21 13 23-1166 EA 1/2" Union, 3,000 LB, Screwed Carbon Steel.....	21.66	13.76
23 21 13 23-1167 EA 3/4" Union, 3,000 LB, Screwed Carbon Steel.....	24.87	15.92
23 21 13 23-1168 EA 1" Union, 3,000 LB, Screwed Carbon Steel.....	29.69	18.77
23 21 13 23-1169 EA 1-1/2" Union, 3,000 LB, Screwed Carbon Steel.....	42.53	26.64
23 21 13 23-1170 EA 2" Union, 3,000 LB, Screwed Carbon Steel.....	52.80	33.09
23 21 13 23-1171 EA 1/4" Union, 6,000 LB, Screwed Carbon Steel.....	34.38	13.69
23 21 13 23-1172 EA 1/2" Union, 6,000 LB, Screwed Carbon Steel.....	38.22	13.76
23 21 13 23-1173 EA 3/4" Union, 6,000 LB, Screwed Carbon Steel.....	44.92	15.92
23 21 13 23-1174 EA 1" Union, 6,000 LB, Screwed Carbon Steel.....	54.40	18.77
23 21 13 23-1175 EA 1-1/2" Union, 6,000 LB, Screwed Carbon Steel.....	93.07	26.64
23 21 13 23-1176 EA 2" Union, 6,000 LB, Screwed Carbon Steel.....	114.99	33.09
<b>23 21 13 23-1177 Weld Neck Flanges, Screwed Carbon Steel (23 21 13 23-1028)</b>		
23 21 13 23-1178 EA 1/2" Flange, 150 LB, Screwed Carbon Steel.....	45.68	25.59
23 21 13 23-1179 EA 3/4" Flange, 150 LB, Screwed Carbon Steel.....	47.77	26.82
23 21 13 23-1180 EA 1" Flange, 150 LB, Screwed Carbon Steel.....	49.52	28.00
23 21 13 23-1181 EA 1-1/2" Flange, 150 LB, Screwed Carbon Steel.....	55.08	31.54
23 21 13 23-1182 EA 2" Flange, 150 LB, Screwed Carbon Steel.....	57.14	32.90
23 21 13 23-1183 EA 1/2" Flange, 300 LB, Screwed Carbon Steel.....	46.14	25.59
<i>For Blind Flange, Deduct</i>	-16.91	
<i>For Ring Type Joint, Add</i>	7.75	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1184	EA	3/4" Flange, 300 LB, Screwed Carbon Steel.....	48.26	26.82
			<i>For Blind Flange, Deduct</i>	-17.70	
			<i>For Ring Type Joint, Add</i>	8.01	
23 21	13 23-1185	EA	1" Flange, 300 LB, Screwed Carbon Steel.....	50.26	28.00
			<i>For Blind Flange, Deduct</i>	-18.45	
			<i>For Ring Type Joint, Add</i>	8.26	
23 21	13 23-1186	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel .....	56.86	31.54
			<i>For Blind Flange, Deduct</i>	-20.83	
			<i>For Ring Type Joint, Add</i>	9.56	
23 21	13 23-1187	EA	2" Flange, 300 LB, Screwed Carbon Steel.....	58.92	32.90
			<i>For Blind Flange, Deduct</i>	-21.66	
			<i>For Ring Type Joint, Add</i>	9.56	
23 21	13 23-1188	EA	1/2" Flange, 600 LB, Screwed Carbon Steel.....	49.18	25.59
			<i>For Blind Flange, Deduct</i>	-17.51	
			<i>For Ring Type Joint, Add</i>	10.79	
23 21	13 23-1189	EA	3/4" Flange, 600 LB, Screwed Carbon Steel.....	51.04	26.82
			<i>For Blind Flange, Deduct</i>	-18.26	
			<i>For Ring Type Joint, Add</i>	10.79	
23 21	13 23-1190	EA	1" Flange, 600 LB, Screwed Carbon Steel.....	53.29	28.00
			<i>For Blind Flange, Deduct</i>	-19.06	
			<i>For Ring Type Joint, Add</i>	11.29	
23 21	13 23-1191	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel .....	60.60	31.54
			<i>For Blind Flange, Deduct</i>	-21.58	
			<i>For Ring Type Joint, Add</i>	13.30	
23 21	13 23-1192	EA	2" Flange, 600 LB, Screwed Carbon Steel.....	61.74	32.90
			<i>For Blind Flange, Deduct</i>	-22.22	
			<i>For Ring Type Joint, Add</i>	12.38	
<b>23 21</b>	<b>13 23-1193</b>		<b>Square Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1028)		
	13 23-1194	EA	1/4" Square Head Plug, Screwed Carbon Steel.....	3.28	1.74
	13 23-1195	EA	1/2" Square Head Plug, Screwed Carbon Steel.....	3.93	2.05
	13 23-1196	EA	3/4" Square Head Plug, Screwed Carbon Steel.....	4.56	2.35
	13 23-1197	EA	1" Square Head Plug, Screwed Carbon Steel.....	6.64	3.47
	13 23-1198	EA	1-1/2" Square Head Plug, Screwed Carbon Steel .....	8.44	3.47
	13 23-1199	EA	2" Square Head Plug, Screwed Carbon Steel.....	12.18	4.52
<b>23 21</b>	<b>13 23-1200</b>		<b>Hex Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1028)		
	13 23-1201	EA	1/4" Hex Head Plug, Screwed Carbon Steel.....	3.10	1.74
	13 23-1202	EA	1/2" Hex Head Plug, Screwed Carbon Steel.....	3.76	2.05
	13 23-1203	EA	3/4" Hex Head Plug, Screwed Carbon Steel.....	4.45	2.35
	13 23-1204	EA	1" Hex Head Plug, Screwed Carbon Steel.....	6.54	3.47
	13 23-1205	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel.....	8.04	3.47
	13 23-1206	EA	2" Hex Head Plug, Screwed Carbon Steel.....	12.47	4.52
<b>23 21</b>	<b>13 23-1207</b>		<b>Round Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1028)		
	13 23-1208	EA	1/4" Round Head Plug, Screwed Carbon Steel.....	3.68	1.74
	13 23-1209	EA	1/2" Round Head Plug, Screwed Carbon Steel.....	3.95	2.05
	13 23-1210	EA	3/4" Round Head Plug, Screwed Carbon Steel.....	4.48	2.35
	13 23-1211	EA	1" Round Head Plug, Screwed Carbon Steel.....	6.70	3.47
	13 23-1212	EA	1-1/2" Round Head Plug, Screwed Carbon Steel .....	8.93	3.47
	13 23-1213	EA	2" Round Head Plug, Screwed Carbon Steel.....	12.36	4.52
<b>23 21</b>	<b>13 23-1214</b>		<b>Hexagon Bushings, Screwed Carbon Steel</b> (23 21 13 23-1028)		
	13 23-1215	EA	1/4" Hex Bushing, Screwed Carbon Steel.....	3.23	1.74
	13 23-1216	EA	1/2" Hex Bushing, Screwed Carbon Steel.....	3.75	2.05
	13 23-1217	EA	3/4" Hex Bushing, Screwed Carbon Steel.....	4.40	2.35
	13 23-1218	EA	1" Hex Bushing, Screwed Carbon Steel.....	6.67	3.47
	13 23-1219	EA	1-1/2" Hex Bushing, Screwed Carbon Steel .....	8.01	3.47
	13 23-1220	EA	2" Hex Bushing, Screwed Carbon Steel.....	12.05	4.52
<b>23 21</b>	<b>13 23-1221</b>		<b>90 Degree Street Elbows, Screwed Carbon Steel</b> (23 21 13 23-1028)		
	13 23-1222	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	20.61	9.42
	13 23-1223	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	23.51	11.03
	13 23-1224	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	27.47	12.33
	13 23-1225	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	32.14	13.76
	13 23-1226	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	50.96	17.59
	13 23-1227	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel .....	68.61	22.37
	13 23-1228	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	32.87	11.03
	13 23-1229	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	46.51	12.33
	13 23-1230	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	63.99	13.76
	13 23-1231	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel .....	138.57	17.59
<b>23 21</b>	<b>13 23-1232</b>		<b>Screwed Carbon Steel Laterals</b> (23 21 13 23-1028)		
	13 23-1233	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	85.13	13.76
	13 23-1234	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	102.32	15.92



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1235 EA 1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	125.17	18.77
23 21 13 23-1236 EA 1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	161.09	26.64
23 21 13 23-1237 EA 2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	200.96	33.09
23 21 13 23-1238 EA 1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel .....	106.99	13.76
23 21 13 23-1239 EA 3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel .....	134.84	15.92
23 21 13 23-1240 EA 1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel .....	159.94	18.77
23 21 13 23-1241 EA 1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel .....	225.01	26.64
<b>23 21 13 23-1242 Grooved-Joint Pipe</b> <small>(23 21 13 23)</small>		
Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
<b>23 21 13 23-1243 Schedule 10 Black Grooved Pipe</b> <small>(23 21 13 23-1242)</small>		
23 21 13 23-1244 LF 2" Black Schedule 10 Grooved Pipe .....	15.47	7.87
23 21 13 23-1245 LF 2-1/2" Black Schedule 10 Grooved Pipe .....	20.98	10.78
23 21 13 23-1246 LF 3" Black Schedule 10 Grooved Pipe .....	23.48	11.95
23 21 13 23-1247 LF 3-1/2" Black Schedule 10 Grooved Pipe .....	25.71	12.39
23 21 13 23-1248 LF 4" Black Schedule 10 Grooved Pipe .....	27.43	13.45
23 21 13 23-1249 LF 5" Black Schedule 10 Grooved Pipe .....	37.48	16.48
23 21 13 23-1250 LF 6" Black Schedule 10 Grooved Pipe .....	49.41	23.42
23 21 13 23-1251 LF 8" Black Schedule 10 Grooved Pipe .....	64.65	26.27
23 21 13 23-1252 LF 10" Black Schedule 10 Grooved Pipe .....	80.42	31.67
23 21 13 23-1253 LF 12" Black Schedule 10 Grooved Pipe .....	92.47	35.87
<b>23 21 13 23-1254 Schedule 40 Black Grooved Pipe</b> <small>(23 21 13 23-1242)</small>		
23 21 13 23-1255 LF 3/4" Black Schedule 40 Grooved Pipe .....	9.30	4.77
23 21 13 23-1256 LF 1" Black Schedule 40 Grooved Pipe .....	10.50	5.39
23 21 13 23-1257 LF 1-1/4" Black Schedule 40 Grooved Pipe .....	11.81	5.82
23 21 13 23-1258 LF 1-1/2" Black Schedule 40 Grooved Pipe .....	13.44	6.63
23 21 13 23-1259 LF 2" Black Schedule 40 Grooved Pipe .....	16.98	8.42
23 21 13 23-1260 LF 2-1/2" Black Schedule 40 Grooved Pipe .....	23.54	11.52
23 21 13 23-1261 LF 3" Black Schedule 40 Grooved Pipe .....	27.55	13.13
23 21 13 23-1262 LF 4" Black Schedule 40 Grooved Pipe .....	33.04	14.63
23 21 13 23-1263 LF 5" Black Schedule 40 Grooved Pipe .....	44.32	17.79
23 21 13 23-1264 LF 6" Black Schedule 40 Grooved Pipe .....	60.47	25.65
23 21 13 23-1265 LF 8" Black Schedule 40 Grooved Pipe .....	77.82	29.06
23 21 13 23-1266 LF 10" Black Schedule 40 Grooved Pipe .....	104.59	34.69
23 21 13 23-1267 LF 12" Black Schedule 40 Grooved Pipe .....	122.69	39.84
23 21 13 23-1268 LF 14" Black Schedule 40 Grooved Pipe .....	162.53	53.84
23 21 13 23-1269 LF 16" Black Schedule 40 Grooved Pipe .....	189.00	63.32
23 21 13 23-1270 LF 18" Black Schedule 40 Grooved Pipe .....	233.78	76.89
23 21 13 23-1271 LF 20" Black Schedule 40 Grooved Pipe .....	270.08	89.65
23 21 13 23-1272 LF 24" Black Schedule 40 Grooved Pipe .....	348.30	107.63
<b>23 21 13 23-1273 Schedule 80 Black Grooved Pipe</b> <small>(23 21 13 23-1242)</small>		
23 21 13 23-1274 LF 3/4" Black Schedule 80 Grooved Pipe .....	10.19	5.21
23 21 13 23-1275 LF 1" Black Schedule 80 Grooved Pipe .....	11.20	5.52
23 21 13 23-1276 LF 1-1/4" Black Schedule 80 Grooved Pipe .....	12.96	6.13
23 21 13 23-1277 LF 1-1/2" Black Schedule 80 Grooved Pipe .....	14.71	6.88
23 21 13 23-1278 LF 2" Black Schedule 80 Grooved Pipe .....	19.02	8.86
23 21 13 23-1279 LF 2-1/2" Black Schedule 80 Grooved Pipe .....	26.62	12.21
23 21 13 23-1280 LF 3" Black Schedule 80 Grooved Pipe .....	31.34	13.69
23 21 13 23-1281 LF 4" Black Schedule 80 Grooved Pipe .....	38.24	14.93
23 21 13 23-1282 LF 5" Black Schedule 80 Grooved Pipe .....	56.38	18.77
23 21 13 23-1283 LF 6" Black Schedule 80 Grooved Pipe .....	74.61	26.89
23 21 13 23-1284 LF 8" Black Schedule 80 Grooved Pipe .....	106.90	30.73
23 21 13 23-1285 LF 10" Black Schedule 80 Grooved Pipe .....	132.47	37.11
23 21 13 23-1286 LF 12" Black Schedule 80 Grooved Pipe .....	142.40	44.86
<b>23 21 13 23-1287 Schedule 40 Galvanized Grooved Pipe</b> <small>(23 21 13 23-1242)</small>		
23 21 13 23-1288 LF 3/4" Galvanized Schedule 40 Grooved Pipe .....	9.94	4.77
23 21 13 23-1289 LF 1" Galvanized Schedule 40 Grooved Pipe .....	11.47	5.39
23 21 13 23-1290 LF 1-1/4" Galvanized Schedule 40 Grooved Pipe .....	12.74	5.82
23 21 13 23-1291 LF 1-1/2" Galvanized Schedule 40 Grooved Pipe .....	14.51	6.63
23 21 13 23-1292 LF 2" Galvanized Schedule 40 Grooved Pipe .....	18.35	8.42
23 21 13 23-1293 LF 2-1/2" Galvanized Schedule 40 Grooved Pipe .....	25.63	11.52
23 21 13 23-1294 LF 3" Galvanized Schedule 40 Grooved Pipe .....	30.27	13.13
23 21 13 23-1295 LF 4" Galvanized Schedule 40 Grooved Pipe .....	36.88	14.63
23 21 13 23-1296 LF 5" Galvanized Schedule 40 Grooved Pipe .....	51.02	17.79
23 21 13 23-1297 LF 6" Galvanized Schedule 40 Grooved Pipe .....	69.29	25.65
23 21 13 23-1298 LF 8" Galvanized Schedule 40 Grooved Pipe .....	90.58	29.06
23 21 13 23-1299 LF 10" Galvanized Schedule 40 Grooved Pipe .....	125.86	34.69
23 21 13 23-1300 LF 12" Galvanized Schedule 40 Grooved Pipe .....	148.33	39.84
<b>23 21 13 23-1301 Schedule 80 Galvanized Grooved Pipe</b> <small>(23 21 13 23-1242)</small>		
23 21 13 23-1302 LF 3/4" Galvanized Schedule 80 Grooved Pipe .....	10.70	5.21
23 21 13 23-1303 LF 1" Galvanized Schedule 80 Grooved Pipe .....	13.58	5.52

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1304	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe.....	13.89	6.13
23 21	13 23-1305	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe.....	17.97	7.31
23 21	13 23-1306	LF	2" Galvanized Schedule 80 Grooved Pipe.....	20.50	8.86
23 21	13 23-1307	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe.....	28.89	12.21
23 21	13 23-1308	LF	3" Galvanized Schedule 80 Grooved Pipe.....	34.47	13.69
23 21	13 23-1309	LF	4" Galvanized Schedule 80 Grooved Pipe.....	42.73	14.93
23 21	13 23-1310	LF	5" Galvanized Schedule 80 Grooved Pipe.....	63.24	18.77
23 21	13 23-1311	LF	6" Galvanized Schedule 80 Grooved Pipe.....	82.71	26.89
23 21	13 23-1312	LF	8" Galvanized Schedule 80 Grooved Pipe.....	120.90	30.73
23 21	13 23-1313	LF	10" Galvanized Schedule 80 Grooved Pipe.....	144.04	37.11
23 21	13 23-1314	LF	12" Galvanized Schedule 80 Grooved Pipe.....	159.29	44.86
23 21	13 23-1315		<b>Painted Grooved-Joint Pipe Fittings</b> (23 21 13 23) Note: Couplings are not included with fittings.		
23 21	13 23-1316		<b>Grooved Elbows</b> (23 21 13 23-1315)		
23 21	13 23-1317		<b>90 Degree Grooved Elbows</b> (23 21 13 23-1316) Note: Victaulic No. 10		
23 21	13 23-1318	EA	3/4" 90 Degree Elbow, Ductile Iron, Grooved.....	41.23	6.75
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1319	EA	1" 90 Degree Elbow, Ductile Iron, Grooved.....	41.23	6.75
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1320	EA	1-1/4" 90 Degree Elbow, Ductile Iron, Grooved.....	43.75	8.42
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1321	EA	1-1/2" 90 degree Elbow, Ductile Iron, Grooved.....	46.44	10.22
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1322	EA	2" 90 Degree Elbow, Ductile Iron, Grooved.....	51.35	13.51
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1323	EA	2-1/2" 90 Degree Elbow, Ductile Iron, Grooved.....	55.77	16.48
			For Galvanized Fittings, Add	10.26	
23 21	13 23-1324	EA	3" 90 Degree Elbow, Ductile Iron, Grooved.....	85.14	19.95
			For Galvanized Fittings, Add	18.23	
23 21	13 23-1325	EA	4" 90 Degree Elbow, Ductile Iron, Grooved.....	99.63	26.33
			For Galvanized Fittings, Add	19.86	
23 21	13 23-1326	EA	5" 90 Degree Elbow, Ductile Iron, Grooved.....	195.80	32.90
			For Galvanized Fittings, Add	48.34	
23 21	13 23-1327	EA	6" 90 Degree Elbow, Ductile Iron, Grooved.....	234.76	43.07
			For Galvanized Fittings, Add	56.17	
23 21	13 23-1328	EA	8" 90 Degree Elbow, Ductile Iron, Grooved.....	435.08	51.24
			For Galvanized Fittings, Add	118.22	
23 21	13 23-1329	EA	10" 90 Degree Elbow, Ductile Iron, Grooved.....	647.79	59.79
			For Galvanized Fittings, Add	184.19	
23 21	13 23-1330	EA	12" 90 Degree Elbow, Ductile Iron, Grooved.....	1,002.20	71.75
			For Galvanized Fittings, Add	295.23	
23 21	13 23-1331	EA	14" 90 Degree Elbow, Steel, Grooved.....	1,981.95	80.99
			For Galvanized Fittings, Add	613.97	
23 21	13 23-1332	EA	16" 90 Degree Elbow, Steel, Grooved.....	2,568.95	89.65
			For Galvanized Fittings, Add	803.39	
23 21	13 23-1333	EA	18" 90 Degree Elbow, Steel, Grooved.....	3,234.49	97.95
			For Galvanized Fittings, Add	1,018.92	
23 21	13 23-1334	EA	20" 90 Degree Elbow, Steel, Grooved.....	4,210.25	101.86
			For Galvanized Fittings, Add	1,338.97	
23 21	13 23-1335	EA	24" 90 Degree Elbow, Steel, Grooved.....	6,019.36	120.45
			For Galvanized Fittings, Add	1,926.81	
23 21	13 23-1336		<b>45 Degree Grooved Elbows</b> (23 21 13 23-1316) Note: Victaulic No. 11		
23 21	13 23-1337	EA	3/4" 45 Degree Elbow, Ductile Iron, Grooved.....	41.21	6.75
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1338	EA	1" 45 Degree Elbow, Ductile Iron, Grooved.....	41.21	6.75
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1339	EA	1-1/4" 45 Degree Elbow, Ductile Iron, Grooved.....	43.73	8.42
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1340	EA	1-1/2" 45 degree Elbow, Ductile Iron, Grooved.....	46.42	10.22
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1341	EA	2" 45 Degree Elbow, Ductile Iron, Grooved.....	51.33	13.51
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1342	EA	2-1/2" 45 Degree Elbow, Ductile Iron, Grooved.....	55.75	16.48
			For Galvanized Fittings, Add	7.46	
23 21	13 23-1343	EA	3" 45 Degree Elbow, Ductile Iron, Grooved.....	85.12	19.95
			For Galvanized Fittings, Add	13.25	
23 21	13 23-1344	EA	4" 45 Degree Elbow, Ductile Iron, Grooved.....	99.63	26.33
			For Galvanized Fittings, Add	14.44	
23 21	13 23-1345	EA	5" 45 Degree Elbow, Ductile Iron, Grooved.....	195.80	32.90
			For Galvanized Fittings, Add	35.15	
23 21	13 23-1346	EA	6" 45 Degree Elbow, Ductile Iron, Grooved.....	234.76	43.07
			For Galvanized Fittings, Add	40.85	
23 21	13 23-1347	EA	8" 45 Degree Elbow, Ductile Iron, Grooved.....	435.08	51.24
			For Galvanized Fittings, Add	85.98	
23 21	13 23-1348	EA	10" 45 Degree Elbow, Ductile Iron, Grooved.....	647.79	59.79
			For Galvanized Fittings, Add	133.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1349 EA 12" 45 Degree Elbow, Ductile Iron, Grooved .....	1,002.20	71.75
For Galvanized Fittings, Add	214.71	
23 21 13 23-1350 EA 14" 45 Degree Elbow, Steel, Grooved .....	1,981.95	80.99
For Galvanized Fittings, Add	446.52	
23 21 13 23-1351 EA 16" 45 Degree Elbow, Steel, Grooved .....	2,568.95	89.65
For Galvanized Fittings, Add	584.28	
23 21 13 23-1352 EA 18" 45 Degree Elbow, Steel, Grooved .....	3,234.49	97.95
For Galvanized Fittings, Add	741.04	
23 21 13 23-1353 EA 20" 45 Degree Elbow, Steel, Grooved .....	4,210.52	102.05
For Galvanized Fittings, Add	973.80	
23 21 13 23-1354 EA 24" 45 Degree Elbow, Steel, Grooved .....	6,019.36	120.45
For Galvanized Fittings, Add	1,401.32	
<b>23 21 13 23-1355 22-1/2 Degree Grooved Elbows (23 21 13 23-1316)</b>		
Note: Victaulic No. 12		
23 21 13 23-1356 EA 1" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	43.25	6.75
For Galvanized Fittings, Add	7.95	
23 21 13 23-1357 EA 1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	45.77	8.42
For Galvanized Fittings, Add	7.95	
23 21 13 23-1358 EA 1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	48.46	10.22
For Galvanized Fittings, Add	7.95	
23 21 13 23-1359 EA 2" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	53.37	13.51
For Galvanized Fittings, Add	7.95	
23 21 13 23-1360 EA 2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	57.79	16.48
For Galvanized Fittings, Add	7.95	
23 21 13 23-1361 EA 3" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	78.34	19.95
For Galvanized Fittings, Add	11.63	
23 21 13 23-1362 EA 4" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	104.42	26.33
For Galvanized Fittings, Add	15.59	
23 21 13 23-1363 EA 5" 22-1/2 Degree Elbow, Steel, Grooved .....	250.77	32.90
For Galvanized Fittings, Add	48.35	
23 21 13 23-1364 EA 6" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	248.56	43.07
For Galvanized Fittings, Add	44.16	
23 21 13 23-1365 EA 8" 22-1/2 Degree Elbow, Ductile Iron, Grooved .....	461.86	51.24
For Galvanized Fittings, Add	92.41	
23 21 13 23-1366 EA 10" 22-1/2 Degree Elbow, Steel, Grooved .....	618.24	59.79
For Galvanized Fittings, Add	126.86	
23 21 13 23-1367 EA 12" 22-1/2 Degree Elbow, Steel, Grooved .....	822.19	71.75
For Galvanized Fittings, Add	171.51	
23 21 13 23-1368 EA 14" 22-1/2 Degree Elbow, Steel, Grooved .....	946.84	80.99
For Galvanized Fittings, Add	198.10	
23 21 13 23-1369 EA 16" 22-1/2 Degree Elbow, Steel, Grooved .....	1,124.41	89.65
For Galvanized Fittings, Add	237.59	
23 21 13 23-1370 EA 18" 22-1/2 Degree Elbow, Steel, Grooved .....	1,345.75	97.95
For Galvanized Fittings, Add	287.74	
23 21 13 23-1371 EA 20" 22-1/2 Degree Elbow, Steel, Grooved .....	1,570.19	101.86
For Galvanized Fittings, Add	340.18	
23 21 13 23-1372 EA 24" 22-1/2 Degree Elbow, Steel, Grooved .....	2,085.25	120.45
For Galvanized Fittings, Add	457.13	
<b>23 21 13 23-1373 11-1/4 Degree Grooved Elbows (23 21 13 23-1316)</b>		
Note: Victaulic No. 13		
23 21 13 23-1374 EA 1" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	43.25	6.75
For Galvanized Fittings, Add	7.95	
23 21 13 23-1375 EA 1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	45.77	8.42
For Galvanized Fittings, Add	7.95	
23 21 13 23-1376 EA 1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	48.46	10.22
For Galvanized Fittings, Add	7.95	
23 21 13 23-1377 EA 2" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	53.37	13.51
For Galvanized Fittings, Add	7.95	
23 21 13 23-1378 EA 2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	57.79	16.48
For Galvanized Fittings, Add	7.95	
23 21 13 23-1379 EA 3" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	78.34	19.95
For Galvanized Fittings, Add	11.63	
23 21 13 23-1380 EA 4" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	104.41	26.33
For Galvanized Fittings, Add	15.59	
23 21 13 23-1381 EA 5" 11-1/4 Degree Elbow, Steel, Grooved .....	250.76	32.90
For Galvanized Fittings, Add	48.34	
23 21 13 23-1382 EA 6" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	248.55	43.07
For Galvanized Fittings, Add	44.16	
23 21 13 23-1383 EA 8" 11-1/4 Degree Elbow, Ductile Iron, Grooved .....	461.83	51.24
For Galvanized Fittings, Add	92.40	
23 21 13 23-1384 EA 10" 11-1/4 Degree Elbow, Steel, Grooved .....	618.21	59.79
For Galvanized Fittings, Add	126.86	
23 21 13 23-1385 EA 12" 11-1/4 Degree Elbow, Steel, Grooved .....	822.15	71.75
For Galvanized Fittings, Add	171.50	
23 21 13 23-1386 EA 14" 11-1/4 Degree Elbow, Steel, Grooved .....	946.80	80.99
For Galvanized Fittings, Add	198.08	
23 21 13 23-1387 EA 16" 11-1/4 Degree Elbow, Steel, Grooved .....	1,124.37	89.72
For Galvanized Fittings, Add	237.58	
23 21 13 23-1388 EA 18" 11-1/4 Degree Elbow, Steel, Grooved .....	1,345.66	97.95
For Galvanized Fittings, Add	287.72	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1389 EA 20" 11-1/4 Degree Elbow, Steel, Grooved .....	1,570.11	101.86
For Galvanized Fittings, Add	340.16	
23 21 13 23-1390 EA 24" 11-1/4 Degree Elbow, Steel, Grooved .....	2,085.15	120.45
For Galvanized Fittings, Add	457.11	
<b>23 21 13 23-1391 90 Degree Grooved Long Radius Elbows (23 21 13 23-1316)</b>		
Note: Victaulic No. 100		
23 21 13 23-1392 EA 2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	91.34	13.51
For Galvanized Fittings, Add	17.06	
23 21 13 23-1393 EA 2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved .....	230.96	16.48
For Galvanized Fittings, Add	49.51	
23 21 13 23-1394 EA 3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	100.99	19.95
For Galvanized Fittings, Add	17.06	
23 21 13 23-1395 EA 4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	145.96	26.33
For Galvanized Fittings, Add	25.56	
23 21 13 23-1396 EA 5" 90 Degree Long Radius Elbow, Steel Grooved .....	595.19	32.90
For Galvanized Fittings, Add	131.01	
23 21 13 23-1397 EA 6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	376.09	43.07
For Galvanized Fittings, Add	74.77	
23 21 13 23-1398 EA 8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	824.12	51.24
For Galvanized Fittings, Add	179.35	
23 21 13 23-1399 EA 10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	1,639.09	59.79
For Galvanized Fittings, Add	371.87	
23 21 13 23-1400 EA 12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved .....	1,955.29	71.75
For Galvanized Fittings, Add	443.45	
<b>23 21 13 23-1401 Grooved Tees, Wyes And Crosses (23 21 13 23-1315)</b>		
<b>23 21 13 23-1402 Grooved Tees (23 21 13 23-1401)</b>		
Note: Victaulic No. 20		
23 21 13 23-1403 EA 3/4" Tee, Ductile Iron, Grooved.....	60.85	8.86
For Galvanized Fittings, Add	14.26	
23 21 13 23-1404 EA 1" Tee, Ductile Iron, Grooved.....	62.86	10.22
For Galvanized Fittings, Add	14.26	
23 21 13 23-1405 EA 1-1/4" Tee, Ductile Iron, Grooved .....	66.26	12.52
For Galvanized Fittings, Add	14.26	
23 21 13 23-1406 EA 1-1/2" Tee, Ductile Iron, Grooved .....	70.53	15.36
For Galvanized Fittings, Add	14.26	
23 21 13 23-1407 EA 2" Tee, Ductile Iron, Grooved.....	77.30	19.89
For Galvanized Fittings, Add	14.26	
23 21 13 23-1408 EA 2-1/2" Tee, Ductile Iron, Grooved .....	84.06	24.35
For Galvanized Fittings, Add	14.26	
23 21 13 23-1409 EA 3" Tee, Ductile Iron, Grooved.....	111.41	29.93
For Galvanized Fittings, Add	19.97	
23 21 13 23-1410 EA 4" Tee, Ductile Iron, Grooved.....	160.15	38.73
For Galvanized Fittings, Add	30.63	
23 21 13 23-1411 EA 5" Tee, Ductile Iron, Grooved.....	315.44	50.62
For Galvanized Fittings, Add	71.87	
23 21 13 23-1412 EA 6" Tee, Ductile Iron, Grooved.....	371.78	63.32
For Galvanized Fittings, Add	83.06	
23 21 13 23-1413 EA 8" Tee, Ductile Iron, Grooved.....	720.04	76.89
For Galvanized Fittings, Add	181.43	
23 21 13 23-1414 EA 10" Tee, Ductile Iron, Grooved.....	1,214.42	89.65
For Galvanized Fittings, Add	323.99	
23 21 13 23-1415 EA 12" Tee, Ductile Iron, Grooved.....	1,673.30	107.63
For Galvanized Fittings, Add	453.58	
23 21 13 23-1416 EA 14" Tee, Steel, Grooved.....	1,828.67	119.58
For Galvanized Fittings, Add	494.82	
23 21 13 23-1417 EA 16" Tee, Steel, Grooved.....	2,281.31	120.27
For Galvanized Fittings, Add	630.30	
23 21 13 23-1418 EA 18" Tee, Steel, Grooved.....	2,830.04	132.66
For Galvanized Fittings, Add	789.35	
23 21 13 23-1419 EA 20" Tee, Steel, Grooved.....	3,972.05	134.77
For Galvanized Fittings, Add	1,131.01	
23 21 13 23-1420 EA 24" Tee, Steel, Grooved.....	6,040.74	165.55
For Galvanized Fittings, Add	1,737.75	
<b>23 21 13 23-1421 Grooved Wyes (90 Degree True Wye) (23 21 13 23-1401)</b>		
Note: Victaulic No. 33		
23 21 13 23-1422 EA 1" Wye, Steel, Grooved.....	215.83	10.22
For Galvanized Fittings, Add	32.08	
23 21 13 23-1423 EA 1-1/4" Wye, Steel, Grooved .....	219.23	12.52
For Galvanized Fittings, Add	32.08	
23 21 13 23-1424 EA 1-1/2" Wye, Steel, Grooved .....	223.50	15.36
For Galvanized Fittings, Add	32.08	
23 21 13 23-1425 EA 2" Wye, Steel, Grooved.....	230.27	19.89
For Galvanized Fittings, Add	32.08	
23 21 13 23-1426 EA 2-1/2" Wye, Steel, Grooved .....	237.03	24.35
For Galvanized Fittings, Add	32.08	
23 21 13 23-1427 EA 3" Wye, Steel, Grooved.....	284.51	29.93
For Galvanized Fittings, Add	38.35	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1428 EA 4" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	371.95 50.23	38.73
23 21 13 23-1429 EA 5" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	525.83 71.99	50.62
23 21 13 23-1430 EA 6" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	651.63 89.07	63.32
23 21 13 23-1431 EA 8" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	917.07 128.29	76.89
23 21 13 23-1432 EA 10" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	1,518.38 221.43	89.65
23 21 13 23-1433 EA 12" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	1,690.27 244.63	107.63
23 21 13 23-1434 EA 14" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	1,925.12 279.33	119.58
23 21 13 23-1435 EA 16" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	2,447.74 362.82	120.14
23 21 13 23-1436 EA 18" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	2,792.99 415.02	132.78
23 21 13 23-1437 EA 20" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	3,963.72 601.92	134.51
23 21 13 23-1438 EA 24" Wye, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	6,097.13 935.82	165.55
<b>23 21 13 23-1439 Grooved Crosses</b> <small>(23 21 13 23-1401)</small>		
Note: Victaulic No. 35		
23 21 13 23-1440 EA 3/4" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	149.78 19.47	13.33
23 21 13 23-1441 EA 1" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	152.81 19.47	15.36
23 21 13 23-1442 EA 1-1/4" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	184.80 23.50	18.77
23 21 13 23-1443 EA 1-1/2" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	203.32 25.32	23.05
23 21 13 23-1444 EA 2" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	140.07 14.31	29.80
23 21 13 23-1445 EA 2-1/2" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	150.21 14.31	36.56
23 21 13 23-1446 EA 3" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	238.70 25.71	44.86
23 21 13 23-1447 EA 4" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	372.43 42.81	58.06
23 21 13 23-1448 EA 5" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	696.83 87.45	75.90
23 21 13 23-1449 EA 6" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	892.45 112.51	94.99
23 21 13 23-1450 EA 8" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	1,160.73 148.18	115.31
23 21 13 23-1451 EA 10" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	1,886.53 252.73	134.51
23 21 13 23-1452 EA 12" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	2,673.39 364.70	161.47
23 21 13 23-1453 EA 14" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	2,787.94 377.85	179.37
23 21 13 23-1454 EA 16" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	3,565.74 494.29	180.42
23 21 13 23-1455 EA 18" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	4,337.51 605.88	198.96
23 21 13 23-1456 EA 20" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	6,025.40 858.37	202.05
23 21 13 23-1457 EA 24" Cross, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	9,206.55 1,325.13	248.34
<b>23 21 13 23-1458 Grooved Reducing Tees</b> <small>(23 21 13 23-1401)</small>		
Note: Victaulic No. 25		
23 21 13 23-1459 EA 1" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	107.03 18.34	10.22
23 21 13 23-1460 EA 1-1/4" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	113.31 18.91	12.52
23 21 13 23-1461 EA 1-1/2" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	119.93 19.38	15.36
23 21 13 23-1462 EA 2" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	143.25 22.69	19.89
23 21 13 23-1463 EA 2-1/2" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	161.68 25.03	24.35
23 21 13 23-1464 EA 3" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	181.83 27.40	29.93
23 21 13 23-1465 EA 4" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	242.77 36.95	38.73
23 21 13 23-1466 EA 5" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	319.82 48.79	50.62
23 21 13 23-1467 EA 6" Reducing Tee, Steel, Grooved ..... <i>For Galvanized Fittings, Add</i>	438.06 68.63	63.32

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1468	EA	8" Reducing Tee, Steel, Grooved .....	681.45	76.89
			<i>For Galvanized Fittings, Add</i>	<i>113.24</i>	
23 21	13 23-1469	EA	10" Reducing Tee, Steel, Grooved .....	969.14	89.65
			<i>For Galvanized Fittings, Add</i>	<i>166.94</i>	
23 21	13 23-1470	EA	12" Reducing Tee, Steel, Grooved .....	1,392.64	107.63
			<i>For Galvanized Fittings, Add</i>	<i>246.26</i>	
23 21	13 23-1471	EA	14" Reducing Tee, Steel, Grooved .....	1,577.75	119.58
			<i>For Galvanized Fittings, Add</i>	<i>279.69</i>	
23 21	13 23-1472	EA	16" Reducing Tee, Steel, Grooved .....	1,996.90	120.27
			<i>For Galvanized Fittings, Add</i>	<i>363.32</i>	
23 21	13 23-1473	EA	18" Reducing Tee, Steel, Grooved .....	2,422.80	132.66
			<i>For Galvanized Fittings, Add</i>	<i>444.79</i>	
23 21	13 23-1474	EA	20" Reducing Tee, Steel, Grooved .....	3,382.61	134.70
			<i>For Galvanized Fittings, Add</i>	<i>636.13</i>	
23 21	13 23-1475	EA	24" Reducing Tee, Steel, Grooved .....	5,371.61	165.55
			<i>For Galvanized Fittings, Add</i>	<i>1,024.68</i>	
<b>23 21</b>	<b>13 23-1476</b>		<b>Grooved 45 Degree Lateral Wyes</b> <small>(23 21 13 23-1401)</small>		
			Note: Victaulic No. 30		
23 21	13 23-1477	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved .....	203.20	8.86
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1478	EA	1" 45 Degree Lateral Wye, Steel, Grooved .....	205.21	10.22
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1479	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved .....	208.61	12.52
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1480	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved .....	212.88	15.36
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1481	EA	2" 45 Degree Lateral Wye, Steel, Grooved .....	219.65	19.89
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1482	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved .....	226.41	24.35
			<i>For Galvanized Fittings, Add</i>	<i>34.18</i>	
23 21	13 23-1483	EA	3" Wye, 45 Degree Lateral, Steel, Grooved .....	208.88	29.93
			<i>For Galvanized Fittings, Add</i>	<i>29.53</i>	
23 21	13 23-1484	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved .....	329.60	34.51
			<i>For Galvanized Fittings, Add</i>	<i>50.02</i>	
23 21	13 23-1485	EA	4" 45 Degree Lateral Wye, Steel, Grooved .....	381.53	38.73
			<i>For Galvanized Fittings, Add</i>	<i>58.23</i>	
23 21	13 23-1486	EA	5" 45 Degree Lateral Wye, Steel, Grooved .....	548.66	50.62
			<i>For Galvanized Fittings, Add</i>	<i>85.10</i>	
23 21	13 23-1487	EA	6" 45 Degree Lateral Wye, Steel, Grooved .....	856.63	63.32
			<i>For Galvanized Fittings, Add</i>	<i>137.11</i>	
23 21	13 23-1488	EA	8" 45 Degree Lateral Wye, Steel, Grooved .....	1,212.40	76.89
			<i>For Galvanized Fittings, Add</i>	<i>197.49</i>	
23 21	13 23-1489	EA	10" 45 Degree Lateral Wye, Steel, Grooved .....	1,683.05	89.65
			<i>For Galvanized Fittings, Add</i>	<i>278.75</i>	
23 21	13 23-1490	EA	12" 45 Degree Lateral Wye, Steel, Grooved .....	2,033.68	107.63
			<i>For Galvanized Fittings, Add</i>	<i>337.02</i>	
23 21	13 23-1491	EA	14" 45 Degree Lateral Wye, Steel, Grooved .....	2,912.05	119.58
			<i>For Galvanized Fittings, Add</i>	<i>491.90</i>	
23 21	13 23-1492	EA	16" 45 Degree Lateral Wye, Steel, Grooved .....	3,594.29	120.27
			<i>For Galvanized Fittings, Add</i>	<i>614.51</i>	
23 21	13 23-1493	EA	18" 45 Degree Lateral Wye, Steel, Grooved .....	4,015.24	132.66
			<i>For Galvanized Fittings, Add</i>	<i>686.95</i>	
23 21	13 23-1494	EA	20" 45 Degree Lateral Wye, Steel, Grooved .....	5,990.79	134.70
			<i>For Galvanized Fittings, Add</i>	<i>1,041.99</i>	
23 21	13 23-1495	EA	24" 45 Degree Lateral Wye, Steel, Grooved .....	9,243.66	165.55
			<i>For Galvanized Fittings, Add</i>	<i>1,619.18</i>	
<b>23 21</b>	<b>13 23-1496</b>		<b>Grooved 45 Degree Lateral Reducing Wyes</b> <small>(23 21 13 23-1401)</small>		
			Note: Victaulic No. 30R		
23 21	13 23-1497	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	208.88	29.93
			<i>For Galvanized Fittings, Add</i>	<i>21.32</i>	
23 21	13 23-1498	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	381.53	38.73
			<i>For Galvanized Fittings, Add</i>	<i>42.05</i>	
23 21	13 23-1499	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	548.66	50.62
			<i>For Galvanized Fittings, Add</i>	<i>61.46</i>	
23 21	13 23-1500	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	705.73	63.32
			<i>For Galvanized Fittings, Add</i>	<i>79.41</i>	
23 21	13 23-1501	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	997.03	76.89
			<i>For Galvanized Fittings, Add</i>	<i>114.63</i>	
23 21	13 23-1502	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	1,214.38	89.65
			<i>For Galvanized Fittings, Add</i>	<i>140.39</i>	
23 21	13 23-1503	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	1,473.73	107.63
			<i>For Galvanized Fittings, Add</i>	<i>170.61</i>	
23 21	13 23-1504	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	1,649.46	119.58
			<i>For Galvanized Fittings, Add</i>	<i>191.12</i>	
23 21	13 23-1505	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	2,080.66	120.27
			<i>For Galvanized Fittings, Add</i>	<i>247.04</i>	
23 21	13 23-1506	EA	18" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	3,116.82	132.66
			<i>For Galvanized Fittings, Add</i>	<i>379.34</i>	
23 21	13 23-1507	EA	20" 45 Degree Lateral Reducing Wye, Steel, Grooved .....	4,473.10	134.70
			<i>For Galvanized Fittings, Add</i>	<i>555.25</i>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1508 EA 24" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>	7,163.39 898.97	165.55
<b>23 21 13 23-1509 Mechanical-T Outlet</b> <small>(23 21 13 23-1401)</small> Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.		
23 21 13 23-1510 EA 2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	76.19 7.83	22.30
23 21 13 23-1511 EA 2" x 1" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	76.19 7.83	22.30
23 21 13 23-1512 EA 2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	81.11 9.05	22.30
23 21 13 23-1513 EA 2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	81.11	22.30
23 21 13 23-1514 EA 2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	81.77	25.09
23 21 13 23-1515 EA 2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	81.77	25.09
23 21 13 23-1516 EA 2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	94.78	25.09
23 21 13 23-1517 EA 3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	92.13	27.88
23 21 13 23-1518 EA 3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	92.13	27.88
23 21 13 23-1519 EA 3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	102.61	27.88
23 21 13 23-1520 EA 3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	102.61	27.88
23 21 13 23-1521 EA 3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	109.78	27.88
23 21 13 23-1522 EA 4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	120.71	37.17
23 21 13 23-1523 EA 4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	120.71	37.17
23 21 13 23-1524 EA 4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	128.89	37.17
23 21 13 23-1525 EA 4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	131.19	37.17
23 21 13 23-1526 EA 4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	131.19	37.17
23 21 13 23-1527 EA 4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	133.48	37.17
23 21 13 23-1528 EA 4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	137.88	37.17
23 21 13 23-1529 EA 5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	172.03	51.12
23 21 13 23-1530 EA 5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	172.03	51.12
23 21 13 23-1531 EA 5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	176.00	51.12
23 21 13 23-1532 EA 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	180.98	51.12
23 21 13 23-1533 EA 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	201.54	65.06
23 21 13 23-1534 EA 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	201.54	65.06
23 21 13 23-1535 EA 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	207.37	65.06
23 21 13 23-1536 EA 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	212.30	65.06
23 21 13 23-1537 EA 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	221.06	65.06
23 21 13 23-1538 EA 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	298.65	86.12
23 21 13 23-1539 EA 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	298.65	86.12
23 21 13 23-1540 EA 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	305.68	86.12
23 21 13 23-1541 EA 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	309.84	86.12
<b>23 21 13 23-1542 Grooved Fittings</b> <small>(23 21 13 23-1315)</small>		
<b>23 21 13 23-1543 Flanged Adapter Nipple, Grooved</b> <small>(23 21 13 23-1542)</small> Note: Victaulic No. 41 and 45		
23 21 13 23-1544 EA 1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	144.78 20.04 24.05	7.43
23 21 13 23-1545 EA 1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	146.01 20.04 24.05	8.24
23 21 13 23-1546 EA 1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	149.12 20.04 24.05	10.35
23 21 13 23-1547 EA 2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	155.63 20.04 24.05	14.69
23 21 13 23-1548 EA 2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	160.28 20.04 24.05	17.79
23 21 13 23-1549 EA 3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	202.81 25.65 30.78	21.26
23 21 13 23-1550 EA 4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	246.80 30.59 36.70	28.63
23 21 13 23-1551 EA 5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	343.29 43.71 52.45	34.63
23 21 13 23-1552 EA 6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	402.59 49.87 59.84	46.78
23 21 13 23-1553 EA 8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	553.79 68.83 82.60	63.32
23 21 13 23-1554 EA 10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	864.07 112.32 134.79	76.89
23 21 13 23-1555 EA 12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	1,158.32 153.58 184.29	89.65

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1556	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	1,368.77 181.11 217.33	107.63
23 21	13 23-1557	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	2,038.71 278.91 334.70	119.58
23 21	13 23-1558	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	2,452.99 327.61 393.13	179.37
23 21	13 23-1559	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	2,599.20 341.48 409.77	215.25
23 21	13 23-1560	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For 300 LB Rating, Add</i> <i>For Galvanized Fittings, Add</i>	4,285.81 589.09 706.90	239.17
23 21	13 23-1561		<b>Grooved Concentric Reducers</b> (23 21 13 23-1542) Note: Victaulic No. 50		
23 21	13 23-1562	EA	1-1/4" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	153.68 6.27	7.43
23 21	13 23-1563	EA	1-1/4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	160.71 6.55	7.87
23 21	13 23-1564	EA	1-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	180.92 20.22	8.48
23 21	13 23-1565	EA	1-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	49.35 4.33	8.86
23 21	13 23-1566	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	153.37 16.76	9.29
23 21	13 23-1567	EA	2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	51.20 4.33	10.10
23 21	13 23-1568	EA	2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	51.82 4.33	10.53
23 21	13 23-1569	EA	2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	56.06 4.76	10.97
23 21	13 23-1570	EA	2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	54.33 4.33	12.21
23 21	13 23-1571	EA	2-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	310.27 35.24	11.40
23 21	13 23-1572	EA	2-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	247.68 27.64	11.83
23 21	13 23-1573	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	226.50 25.02	12.21
23 21	13 23-1574	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	56.16 4.33	13.45
23 21	13 23-1575	EA	2-1/2" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	58.64 4.33	15.05
23 21	13 23-1576	EA	3" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	314.93 44.85	13.26
23 21	13 23-1577	EA	3" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	60.20 6.05	13.63
23 21	13 23-1578	EA	3" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	249.60 34.74	14.06
23 21	13 23-1579	EA	3" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	235.00 32.28	15.05
23 21	13 23-1580	EA	3" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	56.69 4.80	16.73
23 21	13 23-1581	EA	3" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	73.44 6.62	19.95
23 21	13 23-1582	EA	3-1/2" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	78.62 7.05	21.50
23 21	13 23-1583	EA	4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	73.22 8.20	16.92
23 21	13 23-1584	EA	4" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	404.10 64.84	17.35
23 21	13 23-1585	EA	4" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	316.62 49.57	18.40
23 21	13 23-1586	EA	4" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	72.12 7.22	20.08
23 21	13 23-1587	EA	4" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	84.95 9.04	21.50
23 21	13 23-1588	EA	4" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	87.43 9.04	23.17
23 21	13 23-1589	EA	4" x 3-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	89.91 9.04	24.79
23 21	13 23-1590	EA	5" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	567.08 91.25	23.36
23 21	13 23-1591	EA	5" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	449.99 70.80	24.79
23 21	13 23-1592	EA	5" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	101.38 10.58	26.46
23 21	13 23-1593	EA	5" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	118.32 12.64	29.74
23 21	13 23-1594	EA	6" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	135.83 18.29	25.22



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Piping And Pumps		23 20
Hydronic Piping And Pumps		23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1595	EA	6" x 1-1/2" Concentric Reducer, Grooved.....	599.39	26.64
			<i>For Galvanized Fittings, Add</i>	104.39	
23 21	13 23-1596	EA	6" x 2" Concentric Reducer, Grooved.....	140.47	28.32
			<i>For Galvanized Fittings, Add</i>	18.29	
23 21	13 23-1597	EA	6" x 2-1/2" Concentric Reducer, Grooved.....	607.22	29.74
			<i>For Galvanized Fittings, Add</i>	104.98	
23 21	13 23-1598	EA	6" x 3" Concentric Reducer, Grooved.....	145.13	31.41
			<i>For Galvanized Fittings, Add</i>	18.29	
23 21	13 23-1599	EA	6" x 4" Concentric Reducer, Grooved.....	137.42	34.69
			<i>For Galvanized Fittings, Add</i>	15.93	
23 21	13 23-1600	EA	6" x 5" Concentric Reducer, Grooved.....	183.30	38.04
			<i>For Galvanized Fittings, Add</i>	23.57	
23 21	13 23-1601	EA	8" x 3" Concentric Reducer, Grooved.....	228.44	35.56
			<i>For Galvanized Fittings, Add</i>	32.68	
23 21	13 23-1602	EA	8" x 4" Concentric Reducer, Grooved.....	233.40	38.85
			<i>For Galvanized Fittings, Add</i>	32.68	
23 21	13 23-1603	EA	8" x 5" Concentric Reducer, Grooved.....	238.36	42.14
			<i>For Galvanized Fittings, Add</i>	32.68	
23 21	13 23-1604	EA	8" x 6" Concentric Reducer, Grooved.....	294.01	47.09
			<i>For Galvanized Fittings, Add</i>	41.68	
23 21	13 23-1605	EA	10" x 4" Concentric Reducer, Grooved.....	481.79	43.19
			<i>For Galvanized Fittings, Add</i>	77.82	
23 21	13 23-1606	EA	10" x 5" Concentric Reducer, Grooved.....	989.02	46.47
			<i>For Galvanized Fittings, Add</i>	171.54	
23 21	13 23-1607	EA	10" x 6" Concentric Reducer, Grooved.....	533.20	51.43
			<i>For Galvanized Fittings, Add</i>	85.10	
23 21	13 23-1608	EA	10" x 8" Concentric Reducer, Grooved.....	539.39	55.57
			<i>For Galvanized Fittings, Add</i>	85.10	
23 21	13 23-1609	EA	12" x 4" Concentric Reducer, Grooved.....	1,454.29	49.20
			<i>For Galvanized Fittings, Add</i>	207.09	
23 21	13 23-1610	EA	12" x 6" Concentric Reducer, Grooved.....	630.06	57.44
			<i>For Galvanized Fittings, Add</i>	81.59	
23 21	13 23-1611	EA	12" x 8" Concentric Reducer, Grooved.....	909.42	61.59
			<i>For Galvanized Fittings, Add</i>	122.57	
23 21	13 23-1612	EA	12" x 10" Concentric Reducer, Grooved.....	915.95	65.92
			<i>For Galvanized Fittings, Add</i>	122.57	
23 21	13 23-1613	EA	14" x 6" Concentric Reducer, Grooved.....	2,865.22	61.90
			<i>For Galvanized Fittings, Add</i>	85.11	
23 21	13 23-1614	EA	14" x 8" Concentric Reducer, Grooved.....	1,726.34	66.05
			<i>For Galvanized Fittings, Add</i>	49.96	
23 21	13 23-1615	EA	14" x 10" Concentric Reducer, Grooved.....	1,479.52	70.38
			<i>For Galvanized Fittings, Add</i>	42.18	
23 21	13 23-1616	EA	14" x 12" Concentric Reducer, Grooved.....	1,488.49	76.34
			<i>For Galvanized Fittings, Add</i>	42.18	
23 21	13 23-1617	EA	16" x 8" Concentric Reducer, Grooved.....	2,612.92	70.44
			<i>For Galvanized Fittings, Add</i>	76.97	
23 21	13 23-1618	EA	16" x 10" Concentric Reducer, Grooved.....	2,430.28	74.78
			<i>For Galvanized Fittings, Add</i>	71.17	
23 21	13 23-1619	EA	16" x 12" Concentric Reducer, Grooved.....	2,253.82	80.79
			<i>For Galvanized Fittings, Add</i>	65.47	
23 21	13 23-1620	EA	16" x 14" Concentric Reducer, Grooved.....	2,260.51	85.25
			<i>For Galvanized Fittings, Add</i>	65.47	
23 21	13 23-1621	EA	18" x 10" Concentric Reducer, Grooved.....	3,391.68	78.94
			<i>For Galvanized Fittings, Add</i>	100.49	
23 21	13 23-1622	EA	18" x 12" Concentric Reducer, Grooved.....	3,078.71	84.88
			<i>For Galvanized Fittings, Add</i>	90.61	
23 21	13 23-1623	EA	18" x 14" Concentric Reducer, Grooved.....	2,805.91	89.35
			<i>For Galvanized Fittings, Add</i>	82.03	
23 21	13 23-1624	EA	18" x 16" Concentric Reducer, Grooved.....	2,812.60	93.87
			<i>For Galvanized Fittings, Add</i>	82.03	
23 21	13 23-1625	EA	20" x 10" Concentric Reducer, Grooved.....	3,729.71	80.99
			<i>For Galvanized Fittings, Add</i>	110.78	
23 21	13 23-1626	EA	20" x 12" Concentric Reducer, Grooved.....	3,206.73	86.99
			<i>For Galvanized Fittings, Add</i>	94.44	
23 21	13 23-1627	EA	20" x 14" Concentric Reducer, Grooved.....	3,213.42	91.46
			<i>For Galvanized Fittings, Add</i>	94.44	
23 21	13 23-1628	EA	20" x 16" Concentric Reducer, Grooved.....	2,872.94	95.86
			<i>For Galvanized Fittings, Add</i>	83.79	
23 21	13 23-1629	EA	20" x 18" Concentric Reducer, Grooved.....	3,060.36	100.00
			<i>For Galvanized Fittings, Add</i>	89.35	
23 21	13 23-1630	EA	24" x 10" Concentric Reducer, Grooved.....	8,175.66	90.09
			<i>For Galvanized Fittings, Add</i>	246.85	
23 21	13 23-1631	EA	24" x 12" Concentric Reducer, Grooved.....	7,990.52	96.10
			<i>For Galvanized Fittings, Add</i>	240.89	
23 21	13 23-1632	EA	24" x 14" Concentric Reducer, Grooved.....	6,972.57	100.50
			<i>For Galvanized Fittings, Add</i>	209.43	
23 21	13 23-1633	EA	24" x 16" Concentric Reducer, Grooved.....	6,979.31	105.03
			<i>For Galvanized Fittings, Add</i>	209.43	
23 21	13 23-1634	EA	24" x 18" Concentric Reducer, Grooved.....	5,986.44	109.11
			<i>For Galvanized Fittings, Add</i>	178.76	
23 21	13 23-1635	EA	24" x 20" Concentric Reducer, Grooved.....	5,473.81	111.22
			<i>For Galvanized Fittings, Add</i>	162.93	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT		DEMOLITION		
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST		
23 21 13	23-1636	<b>Grooved Eccentric Reducers</b> <small>(23 21 13 23-1542)</small>				
		Note: Victaulic No. 51				
23 21 13 23-1637	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved .....	186.72		8.48	
		<i>For Galvanized Fittings, Add</i>	20.92			
23 21 13 23-1638	EA	1-1/2" x 1" Eccentric Reducer, Grooved .....	170.41		8.86	
		<i>For Galvanized Fittings, Add</i>	18.88			
23 21 13 23-1639	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved .....	167.60		9.29	
		<i>For Galvanized Fittings, Add</i>	18.47			
23 21 13 23-1640	EA	2" x 3/4" Eccentric Reducer, Grooved.....	353.33		10.10	
		<i>For Galvanized Fittings, Add</i>	40.65			
23 21 13 23-1641	EA	2" x 1" Eccentric Reducer, Grooved.....	189.25		10.53	
		<i>For Galvanized Fittings, Add</i>	20.85			
23 21 13 23-1642	EA	2" x 1-1/4" Eccentric Reducer, Grooved .....	206.57		10.97	
		<i>For Galvanized Fittings, Add</i>	22.86			
23 21 13 23-1643	EA	2" x 1-1/2" Eccentric Reducer, Grooved .....	177.49		12.21	
		<i>For Galvanized Fittings, Add</i>	19.13			
23 21 13 23-1644	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved .....	458.50		11.40	
		<i>For Galvanized Fittings, Add</i>	53.06			
23 21 13 23-1645	EA	2-1/2" x 1" Eccentric Reducer, Grooved .....	428.94		11.83	
		<i>For Galvanized Fittings, Add</i>	49.43			
23 21 13 23-1646	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved .....	257.14		12.21	
		<i>For Galvanized Fittings, Add</i>	28.71			
23 21 13 23-1647	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved .....	209.39		13.45	
		<i>For Galvanized Fittings, Add</i>	22.75			
23 21 13 23-1648	EA	2-1/2" x 2" Eccentric Reducer, Grooved .....	98.85		15.05	
		<i>For Galvanized Fittings, Add</i>	9.16			
23 21 13 23-1649	EA	3" x 1" Eccentric Reducer, Grooved.....	461.54		13.63	
		<i>For Galvanized Fittings, Add</i>	53.02			
23 21 13 23-1650	EA	3" x 1-1/4" Eccentric Reducer, Grooved .....	420.38		14.06	
		<i>For Galvanized Fittings, Add</i>	48.00			
23 21 13 23-1651	EA	3" x 1-1/2" Eccentric Reducer, Grooved .....	241.52		15.05	
		<i>For Galvanized Fittings, Add</i>	26.31			
23 21 13 23-1652	EA	3" x 2" Eccentric Reducer, Grooved.....	112.70		16.73	
		<i>For Galvanized Fittings, Add</i>	10.53			
23 21 13 23-1653	EA	3" x 2-1/2" Eccentric Reducer, Grooved .....	117.51		19.95	
		<i>For Galvanized Fittings, Add</i>	10.53			
23 21 13 23-1654	EA	3-1/2" x 3" Eccentric Reducer, Grooved .....	516.88		21.50	
		<i>For Galvanized Fittings, Add</i>	58.26			
23 21 13 23-1655	EA	4" x 1" Eccentric Reducer, Grooved.....	919.54		16.92	
		<i>For Galvanized Fittings, Add</i>	153.35			
23 21 13 23-1656	EA	4" x 1-1/2" Eccentric Reducer, Grooved .....	568.35		18.40	
		<i>For Galvanized Fittings, Add</i>	92.74			
23 21 13 23-1657	EA	4" x 2" Eccentric Reducer, Grooved.....	137.17		20.08	
		<i>For Galvanized Fittings, Add</i>	18.37			
23 21 13 23-1658	EA	4" x 2-1/2" Eccentric Reducer, Grooved .....	139.34		21.50	
		<i>For Galvanized Fittings, Add</i>	18.37			
23 21 13 23-1659	EA	4" x 3" Eccentric Reducer, Grooved.....	141.82		23.17	
		<i>For Galvanized Fittings, Add</i>	18.37			
23 21 13 23-1660	EA	5" x 2" Eccentric Reducer, Grooved.....	631.32		23.36	
		<i>For Galvanized Fittings, Add</i>	102.27			
23 21 13 23-1661	EA	5" x 2-1/2" Eccentric Reducer, Grooved .....	545.21		24.79	
		<i>For Galvanized Fittings, Add</i>	87.13			
23 21 13 23-1662	EA	5" x 3" Eccentric Reducer, Grooved.....	530.37		26.46	
		<i>For Galvanized Fittings, Add</i>	84.16			
23 21 13 23-1663	EA	5" x 4" Eccentric Reducer, Grooved.....	190.51		29.74	
		<i>For Galvanized Fittings, Add</i>	25.02			
23 21 13 23-1664	EA	6" x 1" Eccentric Reducer, Grooved.....	964.78		25.22	
		<i>For Galvanized Fittings, Add</i>	172.97			
23 21 13 23-1665	EA	6" x 2" Eccentric Reducer, Grooved.....	887.81		28.32	
		<i>For Galvanized Fittings, Add</i>	157.75			
23 21 13 23-1666	EA	6" x 2-1/2" Eccentric Reducer, Grooved .....	1,051.25		29.74	
		<i>For Galvanized Fittings, Add</i>	187.84			
23 21 13 23-1667	EA	6" x 3" Eccentric Reducer, Grooved.....	241.35		31.41	
		<i>For Galvanized Fittings, Add</i>	36.25			
23 21 13 23-1668	EA	6" x 4" Eccentric Reducer, Grooved.....	222.07		34.69	
		<i>For Galvanized Fittings, Add</i>	31.73			
23 21 13 23-1669	EA	6" x 5" Eccentric Reducer, Grooved.....	260.96		38.04	
		<i>For Galvanized Fittings, Add</i>	38.06			
23 21 13 23-1670	EA	8" x 3" Eccentric Reducer, Grooved.....	1,035.50		35.56	
		<i>For Galvanized Fittings, Add</i>	183.28			
23 21 13 23-1671	EA	8" x 4" Eccentric Reducer, Grooved.....	916.64		38.85	
		<i>For Galvanized Fittings, Add</i>	160.18			
23 21 13 23-1672	EA	8" x 5" Eccentric Reducer, Grooved.....	862.41		42.14	
		<i>For Galvanized Fittings, Add</i>	149.13			
23 21 13 23-1673	EA	8" x 6" Eccentric Reducer, Grooved.....	415.40		47.09	
		<i>For Galvanized Fittings, Add</i>	64.33			
23 21 13 23-1674	EA	10" x 4" Eccentric Reducer, Grooved.....	1,639.94		43.19	
		<i>For Galvanized Fittings, Add</i>	293.93			
23 21 13 23-1675	EA	10" x 5" Eccentric Reducer, Grooved.....	1,553.78		46.47	
		<i>For Galvanized Fittings, Add</i>	276.93			
23 21 13 23-1676	EA	10" x 6" Eccentric Reducer, Grooved.....	1,196.27		51.43	
		<i>For Galvanized Fittings, Add</i>	208.83			
23 21 13 23-1677	EA	10" x 8" Eccentric Reducer, Grooved.....	1,030.53		55.57	
		<i>For Galvanized Fittings, Add</i>	176.75			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1678 EA 12" x 4" Eccentric Reducer, Grooved .....	1,675.42	49.20
For Galvanized Fittings, Add	241.70	
23 21 13 23-1679 EA 12" x 6" Eccentric Reducer, Grooved .....	1,581.16	57.44
For Galvanized Fittings, Add	225.60	
23 21 13 23-1680 EA 12" x 8" Eccentric Reducer, Grooved .....	1,549.12	61.59
For Galvanized Fittings, Add	219.83	
23 21 13 23-1681 EA 12" x 10" Eccentric Reducer, Grooved .....	1,403.71	65.92
For Galvanized Fittings, Add	196.90	
23 21 13 23-1682 EA 14" x 6" Eccentric Reducer, Grooved .....	3,865.10	61.90
For Galvanized Fittings, Add	115.81	
23 21 13 23-1683 EA 14" x 8" Eccentric Reducer, Grooved .....	2,510.75	66.05
For Galvanized Fittings, Add	74.04	
23 21 13 23-1684 EA 14" x 10" Eccentric Reducer, Grooved .....	2,401.31	70.38
For Galvanized Fittings, Add	70.48	
23 21 13 23-1685 EA 14" x 12" Eccentric Reducer, Grooved .....	2,410.28	76.34
For Galvanized Fittings, Add	70.48	
23 21 13 23-1686 EA 16" x 8" Eccentric Reducer, Grooved .....	4,271.68	70.44
For Galvanized Fittings, Add	127.90	
23 21 13 23-1687 EA 16" x 10" Eccentric Reducer, Grooved .....	3,961.88	74.78
For Galvanized Fittings, Add	118.19	
23 21 13 23-1688 EA 16" x 12" Eccentric Reducer, Grooved .....	3,738.46	80.79
For Galvanized Fittings, Add	111.05	
23 21 13 23-1689 EA 16" x 14" Eccentric Reducer, Grooved .....	3,745.15	85.25
For Galvanized Fittings, Add	111.05	
23 21 13 23-1690 EA 18" x 10" Eccentric Reducer, Grooved .....	5,354.32	78.94
For Galvanized Fittings, Add	160.74	
23 21 13 23-1691 EA 18" x 12" Eccentric Reducer, Grooved .....	5,043.87	84.88
For Galvanized Fittings, Add	150.94	
23 21 13 23-1692 EA 18" x 14" Eccentric Reducer, Grooved .....	4,600.95	89.35
For Galvanized Fittings, Add	137.14	
23 21 13 23-1693 EA 18" x 16" Eccentric Reducer, Grooved .....	4,607.64	93.87
For Galvanized Fittings, Add	137.14	
23 21 13 23-1694 EA 20" x 10" Eccentric Reducer, Grooved .....	7,021.19	80.99
For Galvanized Fittings, Add	211.82	
23 21 13 23-1695 EA 20" x 12" Eccentric Reducer, Grooved .....	5,234.09	86.99
For Galvanized Fittings, Add	156.68	
23 21 13 23-1696 EA 20" x 14" Eccentric Reducer, Grooved .....	4,921.71	91.46
For Galvanized Fittings, Add	146.89	
23 21 13 23-1697 EA 20" x 16" Eccentric Reducer, Grooved .....	4,850.90	95.86
For Galvanized Fittings, Add	144.51	
23 21 13 23-1698 EA 20" x 18" Eccentric Reducer, Grooved .....	4,676.81	100.00
For Galvanized Fittings, Add	138.97	
23 21 13 23-1699 EA 24" x 12" Eccentric Reducer, Grooved .....	10,132.41	96.10
For Galvanized Fittings, Add	306.64	
23 21 13 23-1700 EA 24" x 14" Eccentric Reducer, Grooved .....	8,663.59	100.50
For Galvanized Fittings, Add	261.35	
23 21 13 23-1701 EA 24" x 16" Eccentric Reducer, Grooved .....	8,670.33	105.03
For Galvanized Fittings, Add	261.35	
23 21 13 23-1702 EA 24" x 18" Eccentric Reducer, Grooved .....	8,193.24	109.11
For Galvanized Fittings, Add	246.51	
23 21 13 23-1703 EA 24" x 20" Eccentric Reducer, Grooved .....	7,494.22	111.22
For Galvanized Fittings, Add	224.95	
23 21 13 23-1704 Grooved Couplings <small>(23 21 13 23-1315)</small>		
23 21 13 23-1705 Flexible Grooved Coupling <small>(23 21 13 23-1704)</small>		
Note: Victaulic Style 77		
23 21 13 23-1706 EA 3/4" Standard Coupling, Grooved .....	26.30	3.35
For Galvanized Fittings, Add	5.95	
23 21 13 23-1707 EA 1" Standard Coupling, Grooved .....	26.30	3.35
For Galvanized Fittings, Add	5.95	
23 21 13 23-1708 EA 1-1/4" Standard Coupling, Grooved .....	34.57	4.22
For Galvanized Fittings, Add	7.91	
23 21 13 23-1709 EA 1-1/2" Standard Coupling, Grooved .....	38.43	5.02
For Galvanized Fittings, Add	8.64	
23 21 13 23-1710 EA 2" Standard Coupling, Grooved .....	42.75	6.75
For Galvanized Fittings, Add	9.13	
23 21 13 23-1711 EA 2-1/2" Standard Coupling, Grooved .....	51.39	8.24
For Galvanized Fittings, Add	10.93	
23 21 13 23-1712 EA 3" Standard Coupling, Grooved .....	53.78	9.86
For Galvanized Fittings, Add	10.93	
23 21 13 23-1713 EA 3-1/2" Standard Coupling, Grooved .....	80.22	11.52
For Galvanized Fittings, Add	17.61	
23 21 13 23-1714 EA 4" Standard Coupling, Grooved .....	82.64	13.13
For Galvanized Fittings, Add	17.61	
23 21 13 23-1715 EA 5" Standard Coupling, Grooved .....	121.12	16.48
For Galvanized Fittings, Add	27.01	
23 21 13 23-1716 EA 6" Standard Coupling, Grooved .....	146.29	21.50
For Galvanized Fittings, Add	31.93	
23 21 13 23-1717 EA 8" Standard Coupling, Grooved .....	224.28	25.65
For Galvanized Fittings, Add	52.04	
23 21 13 23-1718 EA 10" Standard Coupling, Grooved .....	354.99	30.73
For Galvanized Fittings, Add	66.49	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1719	EA	12" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	402.11 98.47	33.64
23 21	13 23-1720	EA	14" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	494.48 119.63	44.86
23 21	13 23-1721	EA	16" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	641.08 156.91	53.84
23 21	13 23-1722	EA	18" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	745.96 183.77	59.79
23 21	13 23-1723	EA	20" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,133.36 289.10	67.29
23 21	13 23-1724	EA	24" Standard Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,256.42 317.04	82.78
<b>23 21</b>	<b>13 23-1725</b>		<b>Zero-Flex® Rigid Coupling</b> (23 21 13 23-1704) Note: Victaulic Style 07		
23 21	13 23-1726	EA	1" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	34.60 7.24	3.35
23 21	13 23-1727	EA	1-1/4" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	35.87 7.24	4.22
23 21	13 23-1728	EA	1-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	37.10 7.24	5.02
23 21	13 23-1729	EA	2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	40.42 7.42	6.75
23 21	13 23-1730	EA	2-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	47.26 8.56	8.24
23 21	13 23-1731	EA	3" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	49.65 8.56	9.86
23 21	13 23-1732	EA	3-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	58.11 10.00	11.52
23 21	13 23-1733	EA	4" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	77.55 14.17	13.13
23 21	13 23-1734	EA	5" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	99.76 18.40	16.48
23 21	13 23-1735	EA	6" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	132.65 24.59	21.50
23 21	13 23-1736	EA	8" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	196.56 38.74	25.65
23 21	13 23-1737	EA	10" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	329.46 69.42	30.73
23 21	13 23-1738	EA	12" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	367.51 77.69	33.64
23 21	13 23-1739	EA	14" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	481.50 101.50	44.86
23 21	13 23-1740	EA	16" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	620.97 132.37	53.84
23 21	13 23-1741	EA	18" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	714.24 153.03	59.79
23 21	13 23-1742	EA	20" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	844.47 182.19	67.29
23 21	13 23-1743	EA	24" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,219.43 268.35	82.78
<b>23 21</b>	<b>13 23-1744</b>		<b>Large Diameter Grooved Coupling</b> (23 21 13 23-1704) Note: Victaulic Style 770		
23 21	13 23-1745	EA	28" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,339.01 184.01	16.48
23 21	13 23-1746	EA	30" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,545.48 211.85	21.50
23 21	13 23-1747	EA	32" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	2,304.55 317.26	25.65
23 21	13 23-1748	EA	36" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	3,065.14 422.67	30.73
23 21	13 23-1749	EA	42" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	6,156.15 854.80	33.64
<b>23 21</b>	<b>13 23-1750</b>		<b>Flexible Coupling</b> (23 21 13 23-1704) Note: Victaulic Style 75		
23 21	13 23-1751	EA	1-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	34.41 6.87	5.02
23 21	13 23-1752	EA	2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	37.66 7.05	6.75
23 21	13 23-1753	EA	2-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	44.25 8.17	8.24
23 21	13 23-1754	EA	3" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	51.84 9.50	9.86
23 21	13 23-1755	EA	3-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	69.88 13.46	11.52
23 21	13 23-1756	EA	4" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	72.30 13.46	13.13
23 21	13 23-1757	EA	5" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	100.52 19.42	16.48





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1758 EA 6" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	123.63 23.39	21.50
23 21 13 23-1759 EA 8" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	182.04 36.77	25.65
<b>23 21 13 23-1760 Grooved Strainers And Suction Diffusers (23 21 13 23-1315)</b>		
<b>23 21 13 23-1761 Grooved Wye Strainers (23 21 13 23-1760)</b>		
Note: Victaulic Style 732		
23 21 13 23-1762 EA 2" Wye Strainer, Grooved	573.37	13.63
23 21 13 23-1763 EA 2-1/2" Wye Strainer, Grooved	605.67	16.54
23 21 13 23-1764 EA 3" Wye Strainer, Grooved	682.46	19.82
23 21 13 23-1765 EA 4" Wye Strainer, Grooved	778.11	26.46
23 21 13 23-1766 EA 5" Wye Strainer, Grooved	1,119.32	33.09
23 21 13 23-1767 EA 6" Wye Strainer, Grooved	1,226.15	43.01
23 21 13 23-1768 EA 8" Wye Strainer, Grooved	1,857.63	51.24
23 21 13 23-1769 EA 10" Wye Strainer, Grooved	2,952.36	59.91
23 21 13 23-1770 EA 12" Wye Strainer, Grooved	5,108.51	71.94
<b>23 21 13 23-1771 Grooved Tee Type Strainers (23 21 13 23-1760)</b>		
Note: Victaulic Style 730		
23 21 13 23-1772 EA 1-1/2" Tee Type Strainer, Grooved	442.17	10.35
23 21 13 23-1773 EA 2" Tee Type Strainer, Grooved	566.54	13.63
23 21 13 23-1774 EA 2-1/2" Tee Type Strainer, Grooved	598.57	16.54
23 21 13 23-1775 EA 3" Tee Type Strainer, Grooved	674.44	19.82
23 21 13 23-1776 EA 4" Tee Type Strainer, Grooved	769.02	26.46
23 21 13 23-1777 EA 5" Tee Type Strainer, Grooved	1,106.09	33.09
23 21 13 23-1778 EA 6" Tee Type Strainer, Grooved	1,211.88	43.01
23 21 13 23-1779 EA 8" Tee Type Strainer, Grooved	1,835.54	51.24
23 21 13 23-1780 EA 10" Tee Type Strainer, Grooved	2,672.79	59.91
23 21 13 23-1781 EA 12" Tee Type Strainer, Grooved	3,432.79	71.94
23 21 13 23-1782 EA 14" Tee Type Strainer, Grooved	11,973.70	80.99
23 21 13 23-1783 EA 16" Tee Type Strainer, Grooved	14,865.04	89.65
23 21 13 23-1784 EA 18" Tee Type Strainer, Grooved	19,521.84	97.95
<b>23 21 13 23-1785 Grooved Suction Diffuser (23 21 13 23-1760)</b>		
Note: Victaulic Style 731		
23 21 13 23-1786 EA 2-1/2" Grooved x 2" Flanged Suction Diffuser	1,156.92	15.30
23 21 13 23-1787 EA 3" Grooved x 2" Flanged Suction Diffuser	1,228.81	16.92
23 21 13 23-1788 EA 3" Grooved x 2-1/2" Flanged Suction Diffuser	895.07	19.82
23 21 13 23-1789 EA 3" Grooved x 3" Flanged Suction Diffuser	908.89	21.50
23 21 13 23-1790 EA 4" Grooved x 2-1/2" Flanged Suction Diffuser	982.87	21.50
23 21 13 23-1791 EA 4" Grooved x 3" Flanged Suction Diffuser	1,060.36	23.17
23 21 13 23-1792 EA 4" Grooved x 4" Flanged Suction Diffuser	1,222.78	23.17
23 21 13 23-1793 EA 5" Grooved x 4" Flanged Suction Diffuser	1,368.67	29.74
23 21 13 23-1794 EA 5" Grooved x 5" Flanged Suction Diffuser	1,438.35	31.41
23 21 13 23-1795 EA 6" Grooved x 4" Flanged Suction Diffuser	1,463.78	34.69
23 21 13 23-1796 EA 6" Grooved x 5" Flanged Suction Diffuser	1,745.77	38.04
23 21 13 23-1797 EA 6" Grooved x 6" Flanged Suction Diffuser	1,814.18	40.52
23 21 13 23-1798 EA 8" Grooved x 5" Flanged Suction Diffuser	1,862.03	42.14
23 21 13 23-1799 EA 8" Grooved x 6" Flanged Suction Diffuser	1,967.49	47.09
23 21 13 23-1800 EA 8" Grooved x 8" Flanged Suction Diffuser	3,341.07	51.24
23 21 13 23-1801 EA 10" Grooved x 8" Flanged Suction Diffuser	3,766.62	55.39
23 21 13 23-1802 EA 10" Grooved x 10" Flanged Suction Diffuser	4,524.49	57.44
23 21 13 23-1803 EA 12" Grooved x 10" Flanged Suction Diffuser	5,352.51	66.11
23 21 13 23-1804 EA 12" Grooved x 12" Flanged Suction Diffuser	7,412.85	70.26
23 21 13 23-1805 EA 14" Grooved x 10" Flanged Suction Diffuser	6,906.40	70.26
23 21 13 23-1806 EA 14" Grooved x 12" Flanged Suction Diffuser	7,711.55	76.46
23 21 13 23-1807 EA 14" Grooved x 14" Flanged Suction Diffuser	9,346.76	80.99
23 21 13 23-1808 EA 16" Grooved x 14" Flanged Suction Diffuser	9,624.31	85.13
<b>23 21 13 23-1809 Grooved Steel Valves (23 21 13 23-1315)</b>		
<b>23 21 13 23-1810 Grooved Lug Type Butterfly Valves With Standard Trim (23 21 13 23-1809)</b>		
23 21 13 23-1811 EA 1-1/2" Butterfly Valve, Grooved, With Standard Trim	197.69	6.75
23 21 13 23-1812 EA 2" Butterfly Valve, Grooved, With Standard Trim	200.89	8.86
23 21 13 23-1813 EA 3" Butterfly Valve, Grooved, With Standard Trim	330.09	13.13
23 21 13 23-1814 EA 4" Butterfly Valve, Grooved, With Standard Trim	443.51	17.29
23 21 13 23-1815 EA 6" Butterfly Valve, Grooved, With Standard Trim	971.32	28.32
23 21 13 23-1816 EA 8" Butterfly Valve, Grooved, With Standard Trim	1,345.88	39.84
23 21 13 23-1817 EA 10" Butterfly Valve, Grooved, With Standard Trim	2,023.24	53.84
<b>23 21 13 23-1818 Grooved Lug Type Butterfly Valves With Stainless Steel Trim (23 21 13 23-1809)</b>		
23 21 13 23-1819 EA 1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	298.17	6.75
23 21 13 23-1820 EA 2" Butterfly Valve, Grooved, With Stainless Steel Trim	301.37	8.86
23 21 13 23-1821 EA 3" Butterfly Valve, Grooved, With Stainless Steel Trim	466.30	13.13
23 21 13 23-1822 EA 4" Butterfly Valve, Grooved, With Stainless Steel Trim	593.11	17.29

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1823	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,136.55	28.32
23 21	13 23-1824	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,890.69	39.84
23 21	13 23-1825	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim.....	2,983.36	53.84
<b>23 21</b>	<b>13 23-1826</b>		<b>Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-1809)</b>		
23 21	13 23-1827	EA	1-1/2" Ball Valve, Grooved, With Standard Trim.....	166.46	6.63
23 21	13 23-1828	EA	2" Ball Valve, Grooved, With Standard Trim.....	190.31	9.11
23 21	13 23-1829	EA	2-1/2" Ball Valve, Grooved, With Standard Trim.....	437.46	11.16
23 21	13 23-1830	EA	3" Ball Valve, Grooved, With Standard Trim.....	719.08	13.20
23 21	13 23-1831	EA	4" Ball Valve, Grooved, With Standard Trim.....	1,120.87	17.35
23 21	13 23-1832	EA	6" Ball Valve, Grooved, With Standard Trim.....	3,493.59	28.50
<b>23 21</b>	<b>13 23-1833</b>		<b>Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-1809)</b>		
23 21	13 23-1834	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	177.46	6.63
23 21	13 23-1835	EA	2" Ball Valve, Grooved, With Stainless Steel Trim.....	304.54	9.11
23 21	13 23-1836	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	797.66	11.16
23 21	13 23-1837	EA	3" Ball Valve, Grooved, With Stainless Steel Trim.....	1,031.94	13.20
23 21	13 23-1838	EA	4" Ball Valve, Grooved, With Stainless Steel Trim.....	1,409.98	17.35
23 21	13 23-1839	EA	6" Ball Valve, Grooved, With Stainless Steel Trim.....	3,851.84	28.50
<b>23 21</b>	<b>13 23-1840</b>		<b>Grooved Check Valves (23 21 13 23-1809)</b>		
23 21	13 23-1841	EA	2" Check Valve, Grooved.....	253.20	9.11
23 21	13 23-1842	EA	2-1/2" Check Valve, Grooved.....	412.07	11.16
23 21	13 23-1843	EA	3" Check Valve, Grooved.....	480.07	13.20
23 21	13 23-1844	EA	4" Check Valve, Grooved.....	680.93	17.35
<b>23 21</b>	<b>13 23-1845</b>		<b>Grooved Vic-Check Check Valves (23 21 13 23-1809)</b>		
23 21	13 23-1846	EA	2-1/2" "Vic-Check" Check Valve, Grooved.....	328.53	11.16
23 21	13 23-1847	EA	3" "Vic-Check" Check Valve, Grooved.....	331.54	13.20
23 21	13 23-1848	EA	4" "Vic-Check" Check Valve, Grooved.....	415.22	17.35
23 21	13 23-1849	EA	6" "Vic-Check" Check Valve, Grooved.....	811.25	28.50
23 21	13 23-1850	EA	8" "Vic-Check" Check Valve, Grooved.....	1,109.84	39.66
23 21	13 23-1851	EA	10" "Vic-Check" Check Valve, Grooved.....	3,120.78	53.72
23 21	13 23-1852	EA	12" "Vic-Check" Check Valve, Grooved.....	3,696.12	62.02
<b>23 21</b>	<b>13 23-1853</b>		<b>Grooved Plug Valves With Lever Operator (23 21 13 23-1809)</b>		
23 21	13 23-1854	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....	374.56	13.20
23 21	13 23-1855	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....	416.42	17.35
23 21	13 23-1856	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....	742.76	28.50
<b>23 21</b>	<b>13 23-1857</b>		<b>Grooved Plug Valve With Gear Operator (23 21 13 23-1809)</b>		
23 21	13 23-1858	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....	660.73	13.20
23 21	13 23-1859	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....	702.62	17.35
23 21	13 23-1860	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....	1,028.95	28.50
23 21	13 23-1861	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	1,376.81	39.66
23 21	13 23-1862	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	2,158.07	53.72
23 21	13 23-1863	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	3,119.18	62.02
<b>23 21</b>	<b>13 23-1864</b>		<b>Prepare Pipe For Groove (23 21 13 23-1315)</b>		
<b>23 21</b>	<b>13 23-1865</b>		<b>Cut Grooved Pipe (23 21 13 23-1864)</b>		
Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.					
23 21	13 23-1866	EA	Cut 3/4" Groove.....	6.49	
23 21	13 23-1867	EA	Cut 1" Groove.....	7.05	
23 21	13 23-1868	EA	Cut 1-1/4" Groove.....	7.96	
23 21	13 23-1869	EA	Cut 1-1/2" Groove.....	8.66	
23 21	13 23-1870	EA	Cut 2" Groove.....	9.48	
23 21	13 23-1871	EA	Cut 2-1/2" Groove.....	10.28	
23 21	13 23-1872	EA	Cut 3" Groove.....	11.21	
23 21	13 23-1873	EA	Cut 3-1/2" Groove.....	11.88	
23 21	13 23-1874	EA	Cut 4" Groove.....	12.65	
23 21	13 23-1875	EA	Cut 5" Groove.....	13.70	
23 21	13 23-1876	EA	Cut 6" Groove.....	14.09	
23 21	13 23-1877	EA	Cut 8" Groove.....	18.27	
23 21	13 23-1878	EA	Cut 10" Groove.....	25.97	
23 21	13 23-1879	EA	Cut 12" Groove.....	32.89	
23 21	13 23-1880	EA	Cut 14" Groove.....	49.33	
23 21	13 23-1881	EA	Cut 16" Groove.....	51.92	
23 21	13 23-1882	EA	Cut 18" Groove.....	54.81	
23 21	13 23-1883	EA	Cut 20" Groove.....	58.04	
23 21	13 23-1884	EA	Cut 24" Groove.....	65.77	



	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1885			<b>Roll Grooved Pipe</b> <small>(23 21 13 23-1884)</small>		
			Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-1886	EA		Roll 3/4" Groove.....	3.71	
23 21 13 23-1887	EA		Roll 1" Groove.....	4.33	
23 21 13 23-1888	EA		Roll 1-1/4" Groove.....	4.93	
23 21 13 23-1889	EA		Roll 1-1/2" Groove.....	5.54	
23 21 13 23-1890	EA		Roll 2" Groove.....	8.50	
23 21 13 23-1891	EA		Roll 2-1/2" Groove.....	8.97	
23 21 13 23-1892	EA		Roll 3" Groove.....	9.87	
23 21 13 23-1893	EA		Roll 3-1/2" Groove.....	10.49	
23 21 13 23-1894	EA		Roll 4" Groove.....	11.47	
23 21 13 23-1895	EA		Roll 5" Groove.....	11.74	
23 21 13 23-1896	EA		Roll 6" Groove.....	12.34	
23 21 13 23-1897	EA		Roll 8" Groove.....	14.95	
23 21 13 23-1898	EA		Roll 10" Groove.....	17.01	
23 21 13 23-1899	EA		Roll 12" Groove.....	21.45	
23 21 13 23-1900	EA		Roll 14" Groove.....	32.89	
23 21 13 23-1901	EA		Roll 16" Groove.....	35.24	
23 21 13 23-1902	EA		Roll 18" Groove.....	36.54	
23 21 13 23-1903	EA		Roll 20" Groove.....	39.46	
23 21 13 23-1904	EA		Roll 24" Groove.....	42.89	
23 21 13 23-1905			<b>Standard Gaskets</b> <small>(23 21 13 23-1884)</small>		
			Note: For use on replacement of existing gaskets.		
23 21 13 23-1906	EA		3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	17.90	
23 21 13 23-1907	EA		1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	18.42	
23 21 13 23-1908	EA		1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	19.19	
23 21 13 23-1909	EA		1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	21.00	
23 21 13 23-1910	EA		2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	21.38	
23 21 13 23-1911	EA		2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	25.27	
23 21 13 23-1912	EA		3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	27.64	
23 21 13 23-1913	EA		3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	34.33	
23 21 13 23-1914	EA		4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	34.63	
23 21 13 23-1915	EA		5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	43.65	
23 21 13 23-1916	EA		6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	46.99	
23 21 13 23-1917	EA		8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	64.09	
23 21 13 23-1918	EA		10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	80.84	
23 21 13 23-1919	EA		12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	94.99	
23 21 13 23-1920	EA		14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	132.31	
23 21 13 23-1921	EA		16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	178.33	
23 21 13 23-1922	EA		18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	212.35	
23 21 13 23-1923	EA		20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	318.03	
23 21 13 23-1924	EA		24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	437.24	
23 21 13 23-1925			<b>Copper Grooved-Joint Pipe Fittings</b> <small>(23 21 13 23)</small>		
			Note: Couplings are not included with fittings.		
23 21 13 23-1926			<b>Grooved Fittings</b> <small>(23 21 13 23-1925)</small>		
23 21 13 23-1927			<b>Grooved 90 Degree Elbows</b> <small>(23 21 13 23-1926)</small>		
23 21 13 23-1928	EA		2" Copper 90 Degree Elbow, Grooved.....	40.85	10.10
23 21 13 23-1929	EA		2-1/2" Copper 90 Degree Elbow, Grooved.....	47.11	12.33
23 21 13 23-1930	EA		3" Copper 90 Degree Elbow, Grooved.....	61.67	14.93
23 21 13 23-1931	EA		4" Copper 90 Degree Elbow, Grooved.....	113.86	19.70
23 21 13 23-1932	EA		5" Copper 90 Degree Elbow, Grooved.....	262.22	24.66
23 21 13 23-1933	EA		6" Copper 90 Degree Elbow, Grooved.....	404.94	32.28
23 21 13 23-1934	EA		8" Copper 90 Degree Elbow, Grooved.....	716.62	38.42
23 21 13 23-1935			<b>Grooved 45 Degree Elbows</b> <small>(23 21 13 23-1926)</small>		
23 21 13 23-1936	EA		2" Copper 45 Degree Elbow, Grooved.....	40.85	10.10
23 21 13 23-1937	EA		2-1/2" Copper 45 Degree Elbow, Grooved.....	47.11	12.33
23 21 13 23-1938	EA		3" Copper 45 Degree Elbow, Grooved.....	61.67	14.93
23 21 13 23-1939	EA		4" Copper 45 Degree Elbow, Grooved.....	113.86	19.70
23 21 13 23-1940	EA		5" Copper 45 Degree Elbow, Grooved.....	262.22	24.66
23 21 13 23-1941	EA		6" Copper 45 Degree Elbow, Grooved.....	404.94	32.28
23 21 13 23-1942	EA		8" Copper 45 Degree Elbow, Grooved.....	716.62	38.42
23 21 13 23-1943			<b>Grooved Tees</b> <small>(23 21 13 23-1926)</small>		
23 21 13 23-1944	EA		2" Copper Tee, Grooved.....	64.21	14.87
23 21 13 23-1945	EA		2-1/2" Copper Tee, Grooved.....	73.20	18.28
23 21 13 23-1946	EA		3" Copper Tee, Grooved.....	99.91	22.43
23 21 13 23-1947	EA		4" Copper Tee, Grooved.....	179.82	28.99
23 21 13 23-1948	EA		5" Copper Tee, Grooved.....	419.30	37.92
23 21 13 23-1949	EA		6" Copper Tee, Grooved.....	519.66	47.46
23 21 13 23-1950	EA		8" Copper Tee, Grooved.....	874.43	57.62

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1951		<b>Grooved Reducing Tees</b> (23 21 13 23-1926)		
	23 21	13 23-1952	EA 2-1/2" Copper Tee, Reducing, Grooved.....	91.92	18.28
	23 21	13 23-1953	EA 3" Copper Tee, Reducing, Grooved.....	110.24	22.43
	23 21	13 23-1954	EA 4" Copper Tee, Reducing, Grooved.....	218.75	29.06
	23 21	13 23-1955	EA 5" Copper Tee, Reducing, Grooved.....	568.41	37.98
	23 21	13 23-1956	EA 6" Copper Tee, Reducing, Grooved.....	696.62	47.46
23 21	13 23-1957		<b>Grooved X Cup Reducing Tees</b> (23 21 13 23-1926)		
	23 21	13 23-1958	EA 2" Copper Tee, Reducing, Grooved X Cup.....	74.12	14.87
	23 21	13 23-1959	EA 2-1/2" Copper Tee, Reducing, Grooved X Cup.....	92.02	18.28
	23 21	13 23-1960	EA 3" Copper Tee, Reducing, Grooved X Cup.....	110.24	22.43
	23 21	13 23-1961	EA 4" Copper Tee, Reducing, Grooved X Cup.....	218.75	28.99
23 21	13 23-1962		<b>Grooved Flanged Adapter Nipples</b> (23 21 13 23-1926)		
	23 21	13 23-1963	EA 2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	130.25	10.97
	23 21	13 23-1964	EA 2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	139.60	13.33
	23 21	13 23-1965	EA 3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	149.98	15.92
	23 21	13 23-1966	EA 4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	172.54	21.44
	23 21	13 23-1967	EA 5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	226.46	25.96
	23 21	13 23-1968	EA 6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	260.49	35.07
23 21	13 23-1969		<b>Grooved Concentric Reducers</b> (23 21 13 23-1926)		
	23 21	13 23-1970	EA 2-1/2" x 2" Copper Concentric Reducer, Grooved.....	52.68	11.28
	23 21	13 23-1971	EA 3" x 2" Copper Concentric Reducer, Grooved.....	55.15	12.58
	23 21	13 23-1972	EA 3" x 2-1/2" Copper Concentric Reducer, Grooved.....	59.96	14.93
	23 21	13 23-1973	EA 4" x 2" Copper Concentric Reducer, Grooved.....	92.62	15.05
	23 21	13 23-1974	EA 4" x 2-1/2" Copper Concentric Reducer, Grooved.....	94.79	16.11
	23 21	13 23-1975	EA 4" x 3" Copper Concentric Reducer, Grooved.....	97.27	17.35
	23 21	13 23-1976	EA 5" x 3" Copper Concentric Reducer, Grooved.....	217.57	19.82
	23 21	13 23-1977	EA 5" x 4" Copper Concentric Reducer, Grooved.....	222.52	22.30
	23 21	13 23-1978	EA 6" x 3" Copper Concentric Reducer, Grooved.....	239.74	23.55
	23 21	13 23-1979	EA 6" x 4" Copper Concentric Reducer, Grooved.....	244.69	26.03
	23 21	13 23-1980	EA 6" x 5" Copper Concentric Reducer, Grooved.....	249.65	28.50
	23 21	13 23-1981	EA 8" x 6" Copper Concentric Reducer, Grooved.....	409.61	35.32
23 21	13 23-1982		<b>Grooved X Cup Concentric Reducers</b> (23 21 13 23-1926)		
	23 21	13 23-1983	EA 2" x 1" Copper Concentric Reducer, Grooved X Cup.....	40.77	7.93
	23 21	13 23-1984	EA 2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup.....	41.39	8.24
	23 21	13 23-1985	EA 2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	43.28	9.17
	23 21	13 23-1986	EA 2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup.....	48.31	8.86
	23 21	13 23-1987	EA 2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup.....	48.92	9.17
	23 21	13 23-1988	EA 2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	50.75	10.10
	23 21	13 23-1989	EA 2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup.....	53.23	11.28
	23 21	13 23-1990	EA 3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup.....	60.68	11.28
	23 21	13 23-1991	EA 3" x 2" Copper Concentric Reducer, Grooved X Cup.....	63.15	12.58
	23 21	13 23-1992	EA 4" x 2" Copper Concentric Reducer, Grooved X Cup.....	101.76	14.99
23 21	13 23-1993		<b>Grooved Standard Couplings</b> (23 21 13 23-1926)		
	23 21	13 23-1994	EA 2" Copper Standard Coupling, Grooved.....	23.38	5.08
	23 21	13 23-1995	EA 2-1/2" Copper Standard Coupling, Grooved.....	27.43	6.19
	23 21	13 23-1996	EA 3" Copper Standard Coupling, Grooved.....	31.60	7.37
	23 21	13 23-1997	EA 4" Copper Standard Coupling, Grooved.....	45.67	9.92
	23 21	13 23-1998	EA 5" Copper Standard Coupling, Grooved.....	69.24	12.33
	23 21	13 23-1999	EA 6" Copper Standard Coupling, Grooved.....	91.80	16.11
	23 21	13 23-2000	EA 8" Copper Standard Coupling, Grooved.....	130.98	19.21
23 21	13 23-2001		<b>Grooved Caps</b> (23 21 13 23-1926)		
	23 21	13 23-2002	EA 2" Copper Cap, Grooved.....	24.19	5.08
	23 21	13 23-2003	EA 2-1/2" Copper Cap, Grooved.....	28.18	6.19
	23 21	13 23-2004	EA 3" Copper Cap, Grooved.....	34.65	7.37
	23 21	13 23-2005	EA 4" Copper Cap, Grooved.....	59.89	9.86
	23 21	13 23-2006	EA 5" Copper Cap, Grooved.....	211.91	12.33
	23 21	13 23-2007	EA 6" Copper Cap, Grooved.....	368.68	16.11
23 21	13 23-2008		<b>Grooved Valves</b> (23 21 13 23-1925)		
23 21	13 23-2009		<b>Grooved Butterfly Valves, Standard Trim, Without Operator</b> (23 21 13 23-2008) Note: Copper body.		
	23 21	13 23-2010	EA 2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	327.18	6.63
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2011 EA 3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	371.27	9.86
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2012 EA 4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	490.80	12.95
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2013 EA 6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	653.44	21.26
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2014 EA 8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body.....	717.93	29.86
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
<b>23 21 13 23-2015 Grooved Butterfly Valves, Standard Trim, With Operator</b> <small>(23 21 13 23-2008)</small>		
Note: Copper body.		
23 21 13 23-2016 EA 2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	400.26	6.63
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2017 EA 3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	444.39	9.86
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2018 EA 4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	563.93	12.95
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2019 EA 6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	726.62	21.26
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21 13 23-2020 EA 8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body.....	791.06	29.86
<i>For Chain Wheel, Add</i>	43.45	
<i>For Valve Bracket Insulation, Add</i>	38.20	
<b>23 21 13 23-2021 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings</b> <small>(23 21 13 23)</small>		
Note: Socket or back weld.		
<b>23 21 13 23-2022 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings</b> <small>(23 21 13 23-2021)</small>		
Note: ASTM D1785 with D2466 fittings.		
<b>23 21 13 23-2023 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe</b> <small>(23 21 13 23-2022)</small>		
23 21 13 23-2024 LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.87	1.80
<i>For Work In Restricted Working Space, Add</i>	0.80	
23 21 13 23-2025 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.59	2.23
<i>For Work In Restricted Working Space, Add</i>	1.00	
23 21 13 23-2026 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.92	2.35
<i>For Work In Restricted Working Space, Add</i>	1.06	
23 21 13 23-2027 LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	4.31	2.54
<i>For Work In Restricted Working Space, Add</i>	1.14	
23 21 13 23-2028 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	4.45	2.60
<i>For Work In Restricted Working Space, Add</i>	1.16	
23 21 13 23-2029 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.42	3.10
<i>For Work In Restricted Working Space, Add</i>	1.39	
23 21 13 23-2030 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	6.75	3.65
<i>For Work In Restricted Working Space, Add</i>	1.65	
23 21 13 23-2031 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.27	4.46
<i>For Work In Restricted Working Space, Add</i>	2.00	
23 21 13 23-2032 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	12.32	6.69
<i>For Work In Restricted Working Space, Add</i>	3.00	
23 21 13 23-2033 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	17.38	8.86
<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21 13 23-2034 LF 8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	22.04	10.59
<i>For Work In Restricted Working Space, Add</i>	4.77	
23 21 13 23-2035 LF 10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	36.55	11.83
<i>For Work In Restricted Working Space, Add</i>	5.32	
<b>23 21 13 23-2036 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows</b> <small>(23 21 13 23-2022)</small>		
23 21 13 23-2037 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	10.28	6.69
<i>For Work In Restricted Working Space, Add</i>	3.00	
23 21 13 23-2038 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	13.72	8.86
<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21 13 23-2039 EA 1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	17.21	11.03
<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21 13 23-2040 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	24.65	15.62
<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21 13 23-2041 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	27.72	17.59
<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21 13 23-2042 EA 2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	35.61	22.37
<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21 13 23-2043 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	56.02	33.09
<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21 13 23-2044 EA 3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	72.97	43.50
<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21 13 23-2045 EA 4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	91.29	51.67
<i>For Work In Restricted Working Space, Add</i>	23.24	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2046	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	121.65	59.05
			<i>For Work In Restricted Working Space, Add</i>	26.55	
23 21	13 23-2047	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	188.59	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
23 21	13 23-2048	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	281.83	102.73
			<i>For Work In Restricted Working Space, Add</i>	46.19	
<b>23 21</b>	<b>13 23-2049</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows</b> <small>(23 21 13 23-2022)</small>		
23 21	13 23-2050	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	10.41	6.69
			<i>For Work In Restricted Working Space, Add</i>	3.00	
23 21	13 23-2051	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	13.99	8.86
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 21	13 23-2052	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	17.60	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21	13 23-2053	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	24.90	15.62
			<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21	13 23-2054	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	28.27	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21	13 23-2055	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	35.97	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21	13 23-2056	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	56.02	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21	13 23-2057	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	75.28	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21	13 23-2058	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	95.51	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
23 21	13 23-2059	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	122.03	59.05
			<i>For Work In Restricted Working Space, Add</i>	26.55	
23 21	13 23-2060	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	183.93	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
23 21	13 23-2061	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	281.83	102.73
			<i>For Work In Restricted Working Space, Add</i>	46.19	
<b>23 21</b>	<b>13 23-2062</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Tees</b> <small>(23 21 13 23-2022)</small>		
23 21	13 23-2063	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	16.85	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 21	13 23-2064	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	20.34	13.33
			<i>For Work In Restricted Working Space, Add</i>	5.99	
23 21	13 23-2065	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	27.06	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21	13 23-2066	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	34.59	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21	13 23-2067	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	41.33	26.64
			<i>For Work In Restricted Working Space, Add</i>	11.99	
23 21	13 23-2068	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	51.53	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21	13 23-2069	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	71.73	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21	13 23-2070	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	85.97	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
23 21	13 23-2071	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	118.71	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
23 21	13 23-2072	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	185.29	88.85
			<i>For Work In Restricted Working Space, Add</i>	39.97	
23 21	13 23-2073	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	285.97	110.23
			<i>For Work In Restricted Working Space, Add</i>	49.57	
23 21	13 23-2074	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees.....	719.41	164.69
			<i>For Work In Restricted Working Space, Add</i>	74.08	
<b>23 21</b>	<b>13 23-2075</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Crosses</b> <small>(23 21 13 23-2022)</small>		
23 21	13 23-2076	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	21.17	13.76
			<i>For Work In Restricted Working Space, Add</i>	6.20	
23 21	13 23-2077	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	25.55	16.67
			<i>For Work In Restricted Working Space, Add</i>	7.50	
23 21	13 23-2078	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	34.04	21.99
			<i>For Work In Restricted Working Space, Add</i>	9.89	
23 21	13 23-2079	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	43.60	27.94
			<i>For Work In Restricted Working Space, Add</i>	12.56	
23 21	13 23-2080	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	52.09	33.33
			<i>For Work In Restricted Working Space, Add</i>	14.99	
23 21	13 23-2081	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	65.03	41.33
			<i>For Work In Restricted Working Space, Add</i>	18.59	
23 21	13 23-2082	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	91.73	54.40
			<i>For Work In Restricted Working Space, Add</i>	24.46	
23 21	13 23-2083	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	110.16	64.56
			<i>For Work In Restricted Working Space, Add</i>	29.04	
23 21	13 23-2084	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	153.29	86.12
			<i>For Work In Restricted Working Space, Add</i>	38.73	
23 21	13 23-2085	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	248.08	111.03
			<i>For Work In Restricted Working Space, Add</i>	49.95	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2086	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	395.70 61.93	137.67
23 21	13 23-2087	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	1,049.47 92.64	205.96
<b>23 21 13 23-2088 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <small>(23 21 13 23-2022)</small></b>					
23 21	13 23-2089	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	13.58 4.00	8.86
23 21	13 23-2090	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.04 4.96	11.03
23 21	13 23-2091	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.07 7.01	15.62
23 21	13 23-2092	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	27.09 7.91	17.59
23 21	13 23-2093	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	34.70 10.05	22.37
23 21	13 23-2094	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	51.50 14.87	33.09
23 21	13 23-2095	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	68.11 19.57	43.50
23 21	13 23-2096	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	83.98 23.24	51.67
23 21	13 23-2097	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	104.75 26.55	59.05
23 21	13 23-2098	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	196.63 30.98	68.90
23 21	13 23-2099	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	223.61 35.99	79.99
<b>23 21 13 23-2100 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <small>(23 21 13 23-2022)</small></b>					
23 21	13 23-2101	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	10.58 3.00	6.69
23 21	13 23-2102	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	13.91 4.00	8.86
23 21	13 23-2103	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.24 4.96	11.03
23 21	13 23-2104	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.48 7.01	15.62
23 21	13 23-2105	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	27.64 7.91	17.59
23 21	13 23-2106	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	35.23 10.05	22.37
23 21	13 23-2107	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	52.08 14.87	33.09
23 21	13 23-2108	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	68.11 19.57	43.50
23 21	13 23-2109	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	83.98 23.24	51.67
<b>23 21 13 23-2110 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <small>(23 21 13 23-2022)</small></b>					
23 21	13 23-2111	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	10.77 3.00	6.69
23 21	13 23-2112	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	14.10 4.00	8.86
23 21	13 23-2113	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	17.62 4.96	11.03
23 21	13 23-2114	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	24.70 7.01	15.62
23 21	13 23-2115	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	28.13 7.91	17.59
23 21	13 23-2116	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	35.67 10.05	22.37
23 21	13 23-2117	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	52.57 14.87	33.09
23 21	13 23-2118	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	69.63 19.57	43.50
23 21	13 23-2119	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	83.10 23.24	51.67
<b>23 21 13 23-2120 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <small>(23 21 13 23-2022)</small></b>					
23 21	13 23-2121	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	10.28 3.00	6.69
23 21	13 23-2122	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	13.69 4.00	8.86
23 21	13 23-2123	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	16.93 4.96	11.03

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2124	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	24.04	15.62
			<i>For Work In Restricted Working Space, Add</i>	7.01	
23 21	13 23-2125	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	27.14	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 21	13 23-2126	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	34.54	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 21	13 23-2127	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	54.12	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
23 21	13 23-2128	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	71.34	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
23 21	13 23-2129	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	87.57	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
<b>23 21</b>	<b>13 23-2130</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) P-Traps</b> <small>(23 21 13 23-2022)</small>		
	23 21	13 23-2131	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps .....	15.64	9.11
			<i>For Work In Restricted Working Space, Add</i>	4.09	
<b>23 21</b>	<b>13 23-2132</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Couplings</b> <small>(23 21 13 23-2022)</small>		
	23 21	13 23-2133	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	10.17	6.69
			<i>For Work In Restricted Working Space, Add</i>	3.00	
	23 21	13 23-2134	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	13.55	8.86
			<i>For Work In Restricted Working Space, Add</i>	4.00	
	23 21	13 23-2135	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	16.93	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
	23 21	13 23-2136	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	23.93	15.62
			<i>For Work In Restricted Working Space, Add</i>	7.01	
	23 21	13 23-2137	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	26.98	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
	23 21	13 23-2138	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	34.43	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
	23 21	13 23-2139	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	51.67	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
	23 21	13 23-2140	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	68.50	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
	23 21	13 23-2141	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	82.22	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
	23 21	13 23-2142	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	103.62	59.05
			<i>For Work In Restricted Working Space, Add</i>	26.55	
	23 21	13 23-2143	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	131.50	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
	23 21	13 23-2144	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Couplings .....	240.25	73.85
			<i>For Work In Restricted Working Space, Add</i>	33.21	
<b>23 21</b>	<b>13 23-2145</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Unions</b> <small>(23 21 13 23-2022)</small>		
	23 21	13 23-2146	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	17.91	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
	23 21	13 23-2147	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	24.64	13.33
			<i>For Work In Restricted Working Space, Add</i>	5.99	
	23 21	13 23-2148	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	31.58	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
	23 21	13 23-2149	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	46.17	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
	23 21	13 23-2150	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	53.21	26.64
			<i>For Work In Restricted Working Space, Add</i>	11.99	
	23 21	13 23-2151	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	67.41	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
	23 21	13 23-2152	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	97.58	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
	23 21	13 23-2153	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	111.74	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
	23 21	13 23-2154	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	171.28	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
	23 21	13 23-2155	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	224.35	88.85
			<i>For Work In Restricted Working Space, Add</i>	39.96	
	23 21	13 23-2156	EA 8" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	315.54	110.16
			<i>For Work In Restricted Working Space, Add</i>	49.54	
	23 21	13 23-2157	EA 10" Schedule 40 Polyvinyl Chloride (PVC) Unions .....	452.97	136.74
			<i>For Work In Restricted Working Space, Add</i>	61.52	
<b>23 21</b>	<b>13 23-2158</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Caps</b> <small>(23 21 13 23-2022)</small>		
	23 21	13 23-2159	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps .....	10.34	6.77
			<i>For Work In Restricted Working Space, Add</i>	3.04	
	23 21	13 23-2160	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps .....	13.61	8.86
			<i>For Work In Restricted Working Space, Add</i>	4.00	
	23 21	13 23-2161	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Caps .....	16.96	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
	23 21	13 23-2162	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps .....	24.28	15.81
			<i>For Work In Restricted Working Space, Add</i>	7.10	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2163 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	27.03 7.91	17.59
23 21 13 23-2164 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	34.29 10.05	22.37
23 21 13 23-2165 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	52.19 14.87	33.09
23 21 13 23-2166 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	68.06 19.57	43.50
23 21 13 23-2167 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	83.96 23.24	51.67
23 21 13 23-2168 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	104.09 26.55	59.05
23 21 13 23-2169 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	155.37 30.98	68.90
23 21 13 23-2170 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Caps..... <i>For Work In Restricted Working Space, Add</i>	303.47 33.21	73.85
<b>23 21 13 23-2171 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges</b> <small>(23 21 13 23-2022)</small>		
23 21 13 23-2172 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges..... <i>For Work In Restricted Working Space, Add</i>	22.06 4.96	11.03
23 21 13 23-2173 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	28.47 5.99	13.33
23 21 13 23-2174 EA 1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	35.83 7.91	17.59
23 21 13 23-2175 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	43.22 10.05	22.37
23 21 13 23-2176 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	49.93 11.99	26.64
23 21 13 23-2177 EA 2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	62.80 14.87	33.09
23 21 13 23-2178 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	85.65 19.57	43.50
23 21 13 23-2179 EA 3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	100.00 23.24	51.67
23 21 13 23-2180 EA 4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	131.83 30.98	68.90
23 21 13 23-2181 EA 6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	178.10 39.96	88.85
23 21 13 23-2182 EA 8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	266.45 49.54	110.16
23 21 13 23-2183 EA 10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	433.07 61.42	136.56
<b>23 21 13 23-2184 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings</b> <small>(23 21 13 23-2021)</small> Note: ASTM D1785 with D2467 fittings.		
<b>23 21 13 23-2185 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe</b> <small>(23 21 13 23-2184)</small>		
23 21 13 23-2186 LF 1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	2.93 0.80	1.80
23 21 13 23-2187 LF 3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	3.66 1.00	2.23
23 21 13 23-2188 LF 1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.48 1.19	2.66
23 21 13 23-2189 LF 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.34 1.40	3.10
23 21 13 23-2190 LF 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.13 1.60	3.53
23 21 13 23-2191 LF 2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	7.84 2.00	4.46
23 21 13 23-2192 LF 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.09 2.20	4.89
23 21 13 23-2193 LF 3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	10.34 2.40	5.33
23 21 13 23-2194 LF 4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	13.43 3.00	6.69
23 21 13 23-2195 LF 6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	19.85 4.00	8.86
23 21 13 23-2196 LF 8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	25.82 4.77	10.59
23 21 13 23-2197 LF 10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	47.70 5.13	11.40
<b>23 21 13 23-2198 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows</b> <small>(23 21 13 23-2184)</small>		
23 21 13 23-2199 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	10.99 3.00 1.50	6.69
23 21 13 23-2200 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.63 4.00 2.00	8.86

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2201	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	18.62	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Threaded Fittings, Add</i>	2.48	
23 21	13 23-2202	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	26.16	15.62
			<i>For Work In Restricted Working Space, Add</i>	7.01	
			<i>For Threaded Fittings, Add</i>	3.51	
23 21	13 23-2203	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	29.35	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
			<i>For Threaded Fittings, Add</i>	3.96	
23 21	13 23-2204	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	37.10	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Threaded Fittings, Add</i>	5.02	
23 21	13 23-2205	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	58.03	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
			<i>For Threaded Fittings, Add</i>	7.44	
23 21	13 23-2206	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	74.73	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
			<i>For Threaded Fittings, Add</i>	9.78	
23 21	13 23-2207	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	91.90	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
			<i>For Threaded Fittings, Add</i>	11.62	
23 21	13 23-2208	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	140.70	59.05
			<i>For Work In Restricted Working Space, Add</i>	26.55	
			<i>For Threaded Fittings, Add</i>	13.28	
23 21	13 23-2209	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	216.71	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
			<i>For Threaded Fittings, Add</i>	15.49	
23 21	13 23-2210	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	301.01	115.50
			<i>For Work In Restricted Working Space, Add</i>	51.95	
			<i>For Threaded Fittings, Add</i>	25.97	
<b>23 21</b>	<b>13 23-2211</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows</b> <small>(23 21 13 23-2184)</small>		
23 21	13 23-2212	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	11.90	6.69
			<i>For Work In Restricted Working Space, Add</i>	3.00	
			<i>For Threaded Fittings, Add</i>	1.50	
23 21	13 23-2213	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	16.22	8.86
			<i>For Work In Restricted Working Space, Add</i>	4.00	
			<i>For Threaded Fittings, Add</i>	2.00	
23 21	13 23-2214	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	20.88	11.03
			<i>For Work In Restricted Working Space, Add</i>	4.96	
			<i>For Threaded Fittings, Add</i>	2.48	
23 21	13 23-2215	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	28.95	15.62
			<i>For Work In Restricted Working Space, Add</i>	7.01	
			<i>For Threaded Fittings, Add</i>	3.51	
23 21	13 23-2216	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	32.93	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
			<i>For Threaded Fittings, Add</i>	3.96	
23 21	13 23-2217	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	42.01	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Threaded Fittings, Add</i>	5.02	
23 21	13 23-2218	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	67.49	33.09
			<i>For Work In Restricted Working Space, Add</i>	14.87	
			<i>For Threaded Fittings, Add</i>	7.44	
23 21	13 23-2219	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	87.03	43.50
			<i>For Work In Restricted Working Space, Add</i>	19.57	
			<i>For Threaded Fittings, Add</i>	9.78	
23 21	13 23-2220	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	116.74	51.67
			<i>For Work In Restricted Working Space, Add</i>	23.24	
			<i>For Threaded Fittings, Add</i>	11.62	
23 21	13 23-2221	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	137.97	59.05
			<i>For Work In Restricted Working Space, Add</i>	26.55	
			<i>For Threaded Fittings, Add</i>	13.28	
23 21	13 23-2222	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	210.51	68.90
			<i>For Work In Restricted Working Space, Add</i>	30.98	
			<i>For Threaded Fittings, Add</i>	15.49	
23 21	13 23-2223	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	294.04	115.50
			<i>For Work In Restricted Working Space, Add</i>	51.95	
			<i>For Threaded Fittings, Add</i>	25.97	
<b>23 21</b>	<b>13 23-2224</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Tees</b> <small>(23 21 13 23-2184)</small>		
23 21	13 23-2225	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees .....	18.53	10.47
			<i>For Work In Restricted Working Space, Add</i>	4.71	
			<i>For Threaded Fittings, Add</i>	2.35	
23 21	13 23-2226	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees .....	22.96	13.33
			<i>For Work In Restricted Working Space, Add</i>	5.99	
			<i>For Threaded Fittings, Add</i>	3.00	
23 21	13 23-2227	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees .....	30.09	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.91	
			<i>For Threaded Fittings, Add</i>	3.96	
23 21	13 23-2228	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees .....	43.77	22.37
			<i>For Work In Restricted Working Space, Add</i>	10.05	
			<i>For Threaded Fittings, Add</i>	5.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2229 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	50.26 11.99 6.00	26.64
23 21 13 23-2230 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	62.44 14.87 7.44	33.09
23 21 13 23-2231 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	79.23 19.57 9.78	43.50
23 21 13 23-2232 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	94.93 23.24 11.62	51.67
23 21 13 23-2233 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	123.53 30.98 15.49	68.90
23 21 13 23-2234 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	202.47 39.97 19.99	88.85
23 21 13 23-2235 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	325.79 49.57 24.78	110.23
23 21 13 23-2236 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	719.44 74.08 37.04	164.69
<b>23 21 13 23-2237 Schedule 80 Polyvinyl Chloride (PVC) Crosses</b> <small>(23 21 13 23-2184)</small>		
23 21 13 23-2238 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	24.06 5.88 2.94	13.07
23 21 13 23-2239 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	29.66 7.50 3.75	16.67
23 21 13 23-2240 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	38.79 9.89 4.94	21.99
23 21 13 23-2241 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	57.99 12.56 6.28	27.94
23 21 13 23-2242 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	66.09 14.99 7.50	33.33
23 21 13 23-2243 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	82.14 18.59 9.29	41.33
23 21 13 23-2244 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	103.49 24.46 12.23	54.40
23 21 13 23-2245 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	124.21 29.04 14.52	64.56
23 21 13 23-2246 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	160.86 38.73 19.36	86.12
23 21 13 23-2247 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	275.01 49.95 24.97	111.03
23 21 13 23-2248 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	458.12 61.93 30.96	137.67
23 21 13 23-2249 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,049.52 92.64 46.32	205.96
<b>23 21 13 23-2250 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts</b> <small>(23 21 13 23-2184)</small>		
23 21 13 23-2251 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	13.91 4.00 2.00	8.86
23 21 13 23-2252 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.20 4.96 2.48	11.03
23 21 13 23-2253 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	26.03 7.01 3.51	15.62
23 21 13 23-2254 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	29.98 7.91 3.96	17.59
23 21 13 23-2255 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	38.65 10.05 5.02	22.37
23 21 13 23-2256 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	58.50 14.87 7.44	33.09

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2257	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	79.42 19.57 9.78	43.50
23 21	13 23-2258	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	97.13 23.24 11.62	51.67
23 21	13 23-2259	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	110.34 26.55 13.28	59.05
23 21	13 23-2260	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	151.73 30.98 15.49	68.90
23 21	13 23-2261	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	223.62 35.99 18.00	79.99
<b>23 21 13 23-2262 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2184)</b>					
23 21	13 23-2263	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	10.19 3.00 1.50	6.69
23 21	13 23-2264	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.41 4.00 2.00	8.86
23 21	13 23-2265	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.20 4.96 2.48	11.03
23 21	13 23-2266	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	26.80 7.01 3.51	15.62
23 21	13 23-2267	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	30.67 7.91 3.96	17.59
23 21	13 23-2268	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	38.76 10.05 5.02	22.37
23 21	13 23-2269	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	60.71 14.87 7.44	33.09
23 21	13 23-2270	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	85.84 19.57 9.78	43.50
23 21	13 23-2271	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	109.15 23.24 11.62	51.67
<b>23 21 13 23-2272 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters (23 21 13 23-2184)</b>					
23 21	13 23-2273	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	12.34 3.00 1.50	6.69
23 21	13 23-2274	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	15.92 4.00 2.00	8.86
23 21	13 23-2275	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	21.04 4.96 2.48	11.03
23 21	13 23-2276	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	28.67 7.01 3.51	15.62
23 21	13 23-2277	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	33.98 7.91 3.96	17.59
23 21	13 23-2278	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	43.41 10.05 5.02	22.37
23 21	13 23-2279	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	60.87 14.87 7.44	33.09
23 21	13 23-2280	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	77.76 19.57 9.78	43.50
23 21	13 23-2281	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	99.75 23.24 11.62	51.67
<b>23 21 13 23-2282 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters (23 21 13 23-2184)</b>					
23 21	13 23-2283	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	11.71 3.00 1.50	6.69



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2284 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	15.87	8.86
<i>For Work In Restricted Working Space, Add</i>	4.00	
<i>For Threaded Fittings, Add</i>	2.00	
23 21 13 23-2285 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	20.27	11.03
<i>For Work In Restricted Working Space, Add</i>	4.96	
<i>For Threaded Fittings, Add</i>	2.48	
23 21 13 23-2286 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	29.47	15.62
<i>For Work In Restricted Working Space, Add</i>	7.01	
<i>For Threaded Fittings, Add</i>	3.51	
23 21 13 23-2287 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	33.84	17.59
<i>For Work In Restricted Working Space, Add</i>	7.91	
<i>For Threaded Fittings, Add</i>	3.96	
23 21 13 23-2288 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	46.50	22.37
<i>For Work In Restricted Working Space, Add</i>	10.05	
<i>For Threaded Fittings, Add</i>	5.02	
23 21 13 23-2289 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....	70.13	33.09
<i>For Work In Restricted Working Space, Add</i>	14.87	
<i>For Threaded Fittings, Add</i>	7.44	
23 21 13 23-2290 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	88.38	43.50
<i>For Work In Restricted Working Space, Add</i>	19.57	
<i>For Threaded Fittings, Add</i>	9.78	
23 21 13 23-2291 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....	117.26	51.67
<i>For Work In Restricted Working Space, Add</i>	23.24	
<i>For Threaded Fittings, Add</i>	11.62	
<b>23 21 13 23-2292 Schedule 80 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2184)</b>		
23 21 13 23-2293 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	11.82	6.69
<i>For Work In Restricted Working Space, Add</i>	3.00	
<i>For Threaded Fittings, Add</i>	1.50	
23 21 13 23-2294 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	15.78	8.86
<i>For Work In Restricted Working Space, Add</i>	4.00	
<i>For Threaded Fittings, Add</i>	2.00	
23 21 13 23-2295 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	19.06	11.03
<i>For Work In Restricted Working Space, Add</i>	4.96	
<i>For Threaded Fittings, Add</i>	2.48	
23 21 13 23-2296 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....	27.27	15.62
<i>For Work In Restricted Working Space, Add</i>	7.01	
<i>For Threaded Fittings, Add</i>	3.51	
23 21 13 23-2297 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....	30.56	17.59
<i>For Work In Restricted Working Space, Add</i>	7.91	
<i>For Threaded Fittings, Add</i>	3.96	
23 21 13 23-2298 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	37.96	22.37
<i>For Work In Restricted Working Space, Add</i>	10.05	
<i>For Threaded Fittings, Add</i>	5.02	
23 21 13 23-2299 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....	60.62	33.09
<i>For Work In Restricted Working Space, Add</i>	14.87	
<i>For Threaded Fittings, Add</i>	7.44	
23 21 13 23-2300 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	77.93	43.50
<i>For Work In Restricted Working Space, Add</i>	19.57	
<i>For Threaded Fittings, Add</i>	9.78	
23 21 13 23-2301 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	93.38	51.67
<i>For Work In Restricted Working Space, Add</i>	23.24	
<i>For Threaded Fittings, Add</i>	11.62	
23 21 13 23-2302 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	122.78	59.05
<i>For Work In Restricted Working Space, Add</i>	26.55	
<i>For Threaded Fittings, Add</i>	13.28	
23 21 13 23-2303 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	149.91	68.90
<i>For Work In Restricted Working Space, Add</i>	30.98	
<i>For Threaded Fittings, Add</i>	15.49	
23 21 13 23-2304 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....	248.52	73.85
<i>For Work In Restricted Working Space, Add</i>	33.21	
<i>For Threaded Fittings, Add</i>	16.60	
<b>23 21 13 23-2305 Schedule 80 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2184)</b>		
23 21 13 23-2306 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	20.60	11.03
<i>For Work In Restricted Working Space, Add</i>	4.96	
<i>For Threaded Fittings, Add</i>	2.48	
23 21 13 23-2307 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	24.69	13.33
<i>For Work In Restricted Working Space, Add</i>	5.99	
<i>For Threaded Fittings, Add</i>	3.00	
23 21 13 23-2308 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	31.75	17.59
<i>For Work In Restricted Working Space, Add</i>	7.91	
<i>For Threaded Fittings, Add</i>	3.96	
23 21 13 23-2309 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions.....	46.94	22.37
<i>For Work In Restricted Working Space, Add</i>	10.05	
<i>For Threaded Fittings, Add</i>	5.02	
23 21 13 23-2310 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions.....	57.29	26.64
<i>For Work In Restricted Working Space, Add</i>	11.99	
<i>For Threaded Fittings, Add</i>	6.00	
23 21 13 23-2311 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	73.03	33.09
<i>For Work In Restricted Working Space, Add</i>	14.87	
<i>For Threaded Fittings, Add</i>	7.44	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2312 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	108.90	43.50
For Work In Restricted Working Space, Add	19.57	
For Threaded Fittings, Add	9.78	
23 21 13 23-2313 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	133.75	51.67
For Work In Restricted Working Space, Add	23.24	
For Threaded Fittings, Add	11.62	
23 21 13 23-2314 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	171.44	68.90
For Work In Restricted Working Space, Add	30.98	
For Threaded Fittings, Add	15.49	
23 21 13 23-2315 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	224.35	88.85
For Work In Restricted Working Space, Add	39.96	
For Threaded Fittings, Add	19.98	
23 21 13 23-2316 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	315.54	110.16
For Work In Restricted Working Space, Add	49.54	
For Threaded Fittings, Add	24.77	
23 21 13 23-2317 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Unions .....	452.65	136.56
For Work In Restricted Working Space, Add	61.42	
For Threaded Fittings, Add	30.71	
<b>23 21 13 23-2318 Schedule 80 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2184)</b>		
23 21 13 23-2319 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	12.56	6.69
For Work In Restricted Working Space, Add	3.00	
For Threaded Fittings, Add	1.50	
23 21 13 23-2320 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	16.03	8.86
For Work In Restricted Working Space, Add	4.00	
For Threaded Fittings, Add	2.00	
23 21 13 23-2321 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	21.32	11.03
For Work In Restricted Working Space, Add	4.96	
For Threaded Fittings, Add	2.48	
23 21 13 23-2322 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	29.17	15.62
For Work In Restricted Working Space, Add	7.01	
For Threaded Fittings, Add	3.51	
23 21 13 23-2323 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	32.16	17.59
For Work In Restricted Working Space, Add	7.91	
For Threaded Fittings, Add	3.96	
23 21 13 23-2324 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	42.17	22.37
For Work In Restricted Working Space, Add	10.05	
For Threaded Fittings, Add	5.02	
23 21 13 23-2325 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	67.41	33.09
For Work In Restricted Working Space, Add	14.87	
For Threaded Fittings, Add	7.44	
23 21 13 23-2326 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	87.03	43.50
For Work In Restricted Working Space, Add	19.57	
For Threaded Fittings, Add	9.78	
23 21 13 23-2327 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	112.52	51.67
For Work In Restricted Working Space, Add	23.24	
For Threaded Fittings, Add	11.62	
23 21 13 23-2328 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	175.62	59.05
For Work In Restricted Working Space, Add	26.55	
For Threaded Fittings, Add	13.28	
23 21 13 23-2329 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	222.94	68.90
For Work In Restricted Working Space, Add	30.98	
For Threaded Fittings, Add	15.49	
23 21 13 23-2330 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Caps .....	331.04	73.85
For Work In Restricted Working Space, Add	33.21	
For Threaded Fittings, Add	16.60	
<b>23 21 13 23-2331 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2184)</b>		
23 21 13 23-2332 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges.....	24.43	11.03
For Work In Restricted Working Space, Add	4.96	
For Threaded Fittings, Add	2.48	
23 21 13 23-2333 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges.....	28.47	13.33
For Work In Restricted Working Space, Add	5.99	
For Threaded Fittings, Add	3.00	
23 21 13 23-2334 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges.....	35.83	17.59
For Work In Restricted Working Space, Add	7.91	
For Threaded Fittings, Add	3.96	
23 21 13 23-2335 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges .....	43.22	22.37
For Work In Restricted Working Space, Add	10.05	
For Threaded Fittings, Add	5.02	
23 21 13 23-2336 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges .....	49.93	26.64
For Work In Restricted Working Space, Add	11.99	
For Threaded Fittings, Add	6.00	
23 21 13 23-2337 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges.....	62.80	33.09
For Work In Restricted Working Space, Add	14.87	
For Threaded Fittings, Add	7.44	
23 21 13 23-2338 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges .....	85.65	43.50
For Work In Restricted Working Space, Add	19.57	
For Threaded Fittings, Add	9.78	
23 21 13 23-2339 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges.....	100.00	51.67
For Work In Restricted Working Space, Add	23.24	
For Threaded Fittings, Add	11.62	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2340 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	131.83 30.98 15.49	68.90
23 21 13 23-2341 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	178.10 39.96 19.98	88.85
23 21 13 23-2342 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	266.45 49.54 24.77	110.16
23 21 13 23-2343 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	433.07 61.42 30.71	136.56
<b>23 21 13 23-2344 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe</b> (23 21 13 23-2021) Note: In place pipe.		
23 21 13 23-2345 EA 1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	3.37 1.01	
23 21 13 23-2346 EA 3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	3.63 1.09	
23 21 13 23-2347 EA 1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.09 1.23	
23 21 13 23-2348 EA 1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.30 1.29	
23 21 13 23-2349 EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.55 1.37	
23 21 13 23-2350 EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.00 1.50	
23 21 13 23-2351 EA 2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.38 1.61	
23 21 13 23-2352 EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.36 1.91	
23 21 13 23-2353 EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	8.58 2.57	
23 21 13 23-2354 EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	12.26 3.68	
23 21 13 23-2355 EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	16.35 4.91	
23 21 13 23-2356 EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	19.99 6.00	
<b>23 21 13 23-2357 Polyethylene Pipe And Fittings</b> (23 21 13 23)		
<b>23 21 13 23-2358 Small Diameter Tubing</b> (23 21 13 23-2357)		
<b>23 21 13 23-2359 Tubing</b> (23 21 13 23-2358)		
23 21 13 23-2360 LF 1/4" Polyethylene Tubing..... <i>For Work In Restricted Working Space, Add</i>	1.92 0.56	
23 21 13 23-2361 LF 5/16" Polyethylene Tubing..... <i>For Work In Restricted Working Space, Add</i>	2.00 0.57	
23 21 13 23-2362 LF 3/8" Polyethylene Tubing..... <i>For Work In Restricted Working Space, Add</i>	2.06 0.59	
23 21 13 23-2363 LF 1/2" Polyethylene Tubing..... <i>For Work In Restricted Working Space, Add</i>	2.19 0.63	
<b>23 21 16 Hydronic Piping Specialties</b> (23 21)		
<b>23 21 16 00-0001 Air Vents</b> (23 21 16)		
<b>23 21 16 00-0002 Screwed Ends, Cast Iron, Automatic Air Vents</b> (23 21 16 00-0001) Note: With guided free floating lever.		
23 21 16 00-0003 EA 1/2" NPT, Cast Iron, Automatic Air Vent .....	180.04	20.22
23 21 16 00-0004 EA 3/4" NPT, Cast Iron, Automatic Air Vent .....	220.68	26.84
23 21 16 00-0005 EA 1" NPT, Cast Iron, Automatic Air Vent .....	497.95	27.89
23 21 16 00-0006 EA 1-1/4" NPT, Cast Iron, Automatic Air Vent .....	738.63	43.09
23 21 16 00-0007 EA 1-1/2" NPT, Cast Iron, Automatic Air Vent .....	1,227.67	46.37
23 21 16 00-0008 EA 2" NPT, Cast Iron, Automatic Air Vent .....	1,410.88	61.14
<b>23 21 16 00-0009 Forged Steel, Stainless Steel Internals, Automatic Air Vents</b> (23 21 16 00-0001) Note: With guided free floating lever.		
23 21 16 00-0010 EA 1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	1,195.28	23.35
23 21 16 00-0011 EA 3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	1,497.97	26.84
23 21 16 00-0012 EA 1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	1,787.30	27.89
23 21 16 00-0013 EA 1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	2,932.47	43.23
23 21 16 00-0014 EA 1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	3,386.81	46.37
23 21 16 00-0015 EA 2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent.....	4,978.92	61.01
<b>23 21 16 00-0016 Manual Air Vent</b> (23 21 16 00-0001)		
23 21 16 00-0017 EA Manual Air Vent.....	50.36	25.17

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0018			<b>Vent Valves</b> <small>(23 21 16)</small>		
23 21 16 00-0019	EA		1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A) .....	44.24	10.46
23 21 16 00-0020	EA		1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74) .....	103.11	11.24
23 21 16 00-0021	EA		1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75) .....	98.44	11.24
23 21 16 00-0022	EA		1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H) .....	101.71	11.24
23 21 16 00-0023	EA		3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78) .....	130.36	11.24
23 21 16 00-0024	EA		1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79) .....	97.15	11.24
23 21 16 00-0025			<b>Threaded Inlet, Drip-Pan Elbow</b> <small>(23 21 16)</small>		
23 21 16 00-0026			<b>Cast Iron, Threaded Inlet, Drip-Pan Elbow</b> <small>(23 21 16 00-0025)</small>		
23 21 16 00-0027	EA		2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	144.61	17.54
			<i>For Flanged Inlet, Add</i> .....	51.10	
23 21 16 00-0028	EA		3" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	164.48	20.79
			<i>For Flanged Inlet, Add</i> .....	54.86	
23 21 16 00-0029	EA		3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	205.78	24.03
			<i>For Flanged Inlet, Add</i> .....	74.00	
23 21 16 00-0030	EA		4" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	301.57	27.28
			<i>For Flanged Inlet, Add</i> .....	130.21	
23 21 16 00-0031	EA		5" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	341.57	32.48
			<i>For Flanged Inlet, Add</i> .....	143.94	
23 21 16 00-0032	EA		6" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	471.71	40.92
			<i>For Flanged Inlet, Add</i> .....	210.34	
23 21 16 00-0033	EA		8" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	1,039.62	53.91
			<i>For Flanged Inlet, Add</i> .....	559.71	
23 21 16 00-0034			<b>Cast Steel, Threaded Inlet, Drip-Pan Elbow</b> <small>(23 21 16 00-0025)</small>		
23 21 16 00-0035	EA		2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	262.70	17.54
			<i>For Flanged Inlet, Add</i> .....	131.40	
23 21 16 00-0036	EA		3" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	317.95	20.79
			<i>For Flanged Inlet, Add</i> .....	159.22	
23 21 16 00-0037	EA		3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	445.89	24.03
			<i>For Flanged Inlet, Add</i> .....	237.28	
23 21 16 00-0038	EA		4" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	459.03	27.28
			<i>For Flanged Inlet, Add</i> .....	237.28	
23 21 16 00-0039	EA		5" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	650.53	32.48
			<i>For Flanged Inlet, Add</i> .....	354.03	
23 21 16 00-0040	EA		6" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	683.01	40.92
			<i>For Flanged Inlet, Add</i> .....	354.03	
23 21 16 00-0041	EA		8" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	1,110.56	53.91
			<i>For Flanged Inlet, Add</i> .....	607.95	
23 21 16 00-0042			<b>Y-Type Strainers</b> <small>(23 21 16)</small>		
23 21 16 00-0043			<b>Screwed Ends, 250 LB, Iron Body, Y-Type Strainers</b> <small>(23 21 16 00-0042)</small>		
23 21 16 00-0044	EA		1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	38.10	7.80
			<i>For Work In Restricted Working Space, Add</i> .....	6.69	
			<i>For Galvanized Body, Add</i> .....	7.90	
23 21 16 00-0045	EA		1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	38.45	7.95
			<i>For Work In Restricted Working Space, Add</i> .....	6.80	
			<i>For Galvanized Body, Add</i> .....	7.90	
23 21 16 00-0046	EA		3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	49.53	10.74
			<i>For Work In Restricted Working Space, Add</i> .....	9.20	
			<i>For Galvanized Body, Add</i> .....	9.43	
23 21 16 00-0047	EA		1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	62.07	12.83
			<i>For Work In Restricted Working Space, Add</i> .....	10.98	
			<i>For Galvanized Body, Add</i> .....	12.74	
23 21 16 00-0048	EA		1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	80.21	15.86
			<i>For Work In Restricted Working Space, Add</i> .....	13.60	
			<i>For Galvanized Body, Add</i> .....	17.45	
23 21 16 00-0049	EA		1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	90.83	17.08
			<i>For Work In Restricted Working Space, Add</i> .....	14.64	
			<i>For Galvanized Body, Add</i> .....	21.01	
23 21 16 00-0050	EA		2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	120.46	19.52
			<i>For Work In Restricted Working Space, Add</i> .....	16.73	
			<i>For Galvanized Body, Add</i> .....	32.35	
23 21 16 00-0051	EA		2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	215.14	24.40
			<i>For Work In Restricted Working Space, Add</i> .....	20.92	
			<i>For Galvanized Body, Add</i> .....	72.71	
23 21 16 00-0052	EA		3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer .....	277.14	30.53
			<i>For Work In Restricted Working Space, Add</i> .....	26.15	
			<i>For Galvanized Body, Add</i> .....	95.00	
23 21 16 00-0053			<b>Flanged, 125 LB, Iron Body , Y-Type Strainers</b> <small>(23 21 16 00-0042)</small>		





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0054 EA 1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	161.55 20.92 45.92	34.86
23 21 16 00-0055 EA 2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	186.52 26.15 49.69	43.57
23 21 16 00-0056 EA 3" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	376.34 41.83 118.45	69.72
23 21 16 00-0057 EA 4" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	443.12 52.29 134.42	87.15
23 21 16 00-0058 EA 5" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	529.08 68.50 150.38	114.16
23 21 16 00-0059 EA 6" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	639.90 79.91 186.77	132.99
23 21 16 00-0060 EA 8" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	1,055.32 95.90 367.84	159.82
23 21 16 00-0061 EA 10" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	2,039.23 119.87 819.84	199.78
23 21 16 00-0062 EA 12" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	2,275.71 171.24 852.45	285.40
<b>23 21 16 00-0063 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers</b> <small>(23 21 16 00-0042)</small> Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0064 EA 1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	35.45 6.80 21.74	7.95
23 21 16 00-0065 EA 3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	47.31 9.20 28.27	10.74
23 21 16 00-0066 EA 1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	57.54 10.98 35.60	12.83
23 21 16 00-0067 EA 1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	71.54 13.60 44.57	15.86
23 21 16 00-0068 EA 1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	82.86 14.64 57.89	17.08
23 21 16 00-0069 EA 2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	111.09 16.73 94.04	19.52
23 21 16 00-0070 EA 2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	161.01 20.92 155.19	24.40
23 21 16 00-0071 EA 3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	276.43 26.15 321.78	30.53
23 21 16 00-0072 EA 4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	463.81 31.37 610.69	36.60
<b>23 21 16 00-0073 Flanged, 150 LB, Bronze Body, Y-Type Strainers</b> <small>(23 21 16 00-0042)</small> Note: With bolted cap.		
23 21 16 00-0074 EA 2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	246.04 26.15 95.33	43.57
23 21 16 00-0075 EA 2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	275.52 34.09 97.13	56.82
23 21 16 00-0076 EA 3" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	324.81 41.83 111.22	69.72
23 21 16 00-0077 EA 4" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	624.71 52.29 270.25	87.15
23 21 16 00-0078 EA 6" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	949.13 79.91 409.66	132.99
23 21 16 00-0079 EA 8" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,484.84 95.90 699.11	159.82
23 21 16 00-0080 EA 10" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	4,581.59 119.87 2,509.22	199.78

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 21 16 00-0081		<b>Cast Iron Body, Suction Diffusers</b> <sup>(23 21 16)</sup>			
		Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.			
23 21 16 00-0082	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....	351.44		27.47
		<i>For Work In Restricted Working Space, Add</i>	13.45		
23 21 16 00-0083	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....	368.67		30.46
		<i>For Work In Restricted Working Space, Add</i>	14.94		
23 21 16 00-0084	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....	374.25		32.00
		<i>For Work In Restricted Working Space, Add</i>	15.69		
23 21 16 00-0085	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	635.21		35.98
		<i>For Work In Restricted Working Space, Add</i>	17.63		
23 21 16 00-0086	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....	385.77		37.23
		<i>For Work In Restricted Working Space, Add</i>	18.23		
23 21 16 00-0087	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser .....	437.89		37.23
		<i>For Work In Restricted Working Space, Add</i>	18.23		
23 21 16 00-0088	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	666.11		41.76
		<i>For Work In Restricted Working Space, Add</i>	20.47		
23 21 16 00-0089	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	672.13		43.57
		<i>For Work In Restricted Working Space, Add</i>	21.35		
23 21 16 00-0090	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	812.89		64.07
		<i>For Work In Restricted Working Space, Add</i>	31.39		
23 21 16 00-0091	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	940.09		76.20
		<i>For Work In Restricted Working Space, Add</i>	37.35		
23 21 16 00-0092	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	1,148.15		105.99
		<i>For Work In Restricted Working Space, Add</i>	51.94		
23 21 16 00-0093	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	1,395.26		116.50
		<i>For Work In Restricted Working Space, Add</i>	57.08		
23 21 16 00-0094	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	1,522.29		124.84
		<i>For Work In Restricted Working Space, Add</i>	61.16		
23 21 16 00-0095	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	2,494.18		139.79
		<i>For Work In Restricted Working Space, Add</i>	68.50		
23 21 16 00-0096	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	2,810.87		157.20
		<i>For Work In Restricted Working Space, Add</i>	77.04		
23 21 16 00-0097	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser .....	3,357.65		174.72
		<i>For Work In Restricted Working Space, Add</i>	85.62		
23 21 16 00-0098		<b>Duplex Strainers</b> <sup>(23 21 16)</sup>			
23 21 16 00-0099		<b>Iron Body, Duplex Strainers</b> <sup>(23 21 16 00-0098)</sup>			
23 21 16 00-0100		<b>Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers</b> <sup>(23 21 16 00-0099)</sup>			
		Note: With brass or stainless steel basket.			
23 21 16 00-0101	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	360.90		17.36
		<i>For Work In Restricted Working Space, Add</i>	10.42		
23 21 16 00-0102	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	403.30		19.87
		<i>For Work In Restricted Working Space, Add</i>	11.93		
23 21 16 00-0103	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	544.42		23.35
		<i>For Work In Restricted Working Space, Add</i>	14.01		
23 21 16 00-0104	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	682.82		25.45
		<i>For Work In Restricted Working Space, Add</i>	15.27		
23 21 16 00-0105	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	913.31		31.03
		<i>For Work In Restricted Working Space, Add</i>	18.68		
23 21 16 00-0106	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	1,149.65		39.74
		<i>For Work In Restricted Working Space, Add</i>	23.84		
23 21 16 00-0107		<b>Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers</b> <sup>(23 21 16 00-0099)</sup>			
		Note: With brass or stainless steel basket.			
23 21 16 00-0108	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	1,230.65		46.22
		<i>For Work In Restricted Working Space, Add</i>	27.75		
23 21 16 00-0109	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer .....	1,419.73		123.82
		<i>For Work In Restricted Working Space, Add</i>	74.28		
23 21 16 00-0110	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	1,830.45		159.31
		<i>For Work In Restricted Working Space, Add</i>	95.57		
23 21 16 00-0111	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	2,682.90		152.12
		<i>For Work In Restricted Working Space, Add</i>	91.40		
23 21 16 00-0112	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	5,213.08		228.32
		<i>For Work In Restricted Working Space, Add</i>	137.00		
23 21 16 00-0113	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	9,721.06		273.98
		<i>For Work In Restricted Working Space, Add</i>	164.38		
23 21 16 00-0114	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	13,329.22		311.37
		<i>For Work In Restricted Working Space, Add</i>	186.83		
23 21 16 00-0115	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	14,939.61		402.99
		<i>For Work In Restricted Working Space, Add</i>	241.87		
23 21 16 00-0116	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	18,101.51		489.17
		<i>For Work In Restricted Working Space, Add</i>	293.51		
23 21 16 00-0117	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer.....	22,842.12		684.97
		<i>For Work In Restricted Working Space, Add</i>	411.07		
23 21 16 00-0118		<b>Bronze Body, Duplex Strainers</b> <sup>(23 21 16 00-0098)</sup>			



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 16 00-0119</b> <b>Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers</b> <small>(23 21 16 00-0119)</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0120    EA    3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	663.27	17.43
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0121    EA    1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	736.25	19.87
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0122    EA    1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	1,074.42	23.35
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0123    EA    1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	1,409.87	25.45
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0124    EA    2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	1,820.43	31.03
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0125    EA    2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer .....	2,236.83	39.74
<i>For Work In Restricted Working Space, Add</i>		
<b>23 21 16 00-0126</b> <b>Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers</b> <small>(23 21 16 00-0118)</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0127    EA    2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer .....	2,538.66	46.37
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0128    EA    2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer .....	2,761.72	123.75
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0129    EA    3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer .....	3,783.98	159.31
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0130    EA    4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer .....	5,774.57	152.12
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0131    EA    6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer .....	12,483.62	228.32
<i>For Work In Restricted Working Space, Add</i>		
<b>23 21 16 00-0132</b> <b>Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0098)</small>		
<b>23 21 16 00-0133</b> <b>Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0132)</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0134    EA    1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	1,029.03	19.87
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0135    EA    1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	1,266.76	23.35
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0136    EA    1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	1,501.81	25.45
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0137    EA    2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	2,535.39	31.03
<i>For Work In Restricted Working Space, Add</i>		
<b>23 21 16 00-0138</b> <b>Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0132)</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0139    EA    2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	2,582.14	46.37
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0140    EA    2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	2,984.53	123.75
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0141    EA    3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	3,929.42	159.31
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0142    EA    4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	5,597.08	152.12
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0143    EA    6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	9,557.29	228.32
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0144    EA    8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer .....	18,419.94	273.98
<i>For Work In Restricted Working Space, Add</i>		
<b>23 21 16 00-0145</b> <b>Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0098)</small>		
<b>23 21 16 00-0146</b> <b>Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0145)</small>		
<small>Note: With stainless steel basket.</small>		
23 21 16 00-0147    EA    1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	4,336.84	19.87
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0148    EA    1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	5,481.68	23.35
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0149    EA    1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	6,615.87	25.45
<i>For Work In Restricted Working Space, Add</i>		
23 21 16 00-0150    EA    2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	10,605.99	31.03
<i>For Work In Restricted Working Space, Add</i>		
<b>23 21 16 00-0151</b> <b>Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0145)</small>		
<small>Note: With stainless steel basket.</small>		
23 21 16 00-0152    EA    2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	11,073.91	46.37
<i>For Work In Restricted Working Space, Add</i>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0153 EA 2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	11,786.01 74.27	123.75
23 21 16 00-0154 EA 3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	18,461.82 95.59	159.31
23 21 16 00-0155 EA 4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	22,426.50 91.37	152.12
23 21 16 00-0156 EA 6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	39,448.05 136.84	228.32
23 21 16 00-0157 EA 8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	72,801.79 164.21	273.98
<b>23 21 16 00-0158 Wall Seals And Sleeves</b> <sup>(23 21 16)</sup> Note: Up to 12" walls. Excludes drilling hole.		
<b>23 21 16 00-0159 Ductile Iron Wall Sleeve</b> <sup>(23 21 16 00-0158)</sup> Note: Includes rubber gasket seal.		
23 21 16 00-0160 EA 3" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	75.20	29.50
23 21 16 00-0161 EA 4" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	93.49	34.45
23 21 16 00-0162 EA 6" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	114.57	41.33
23 21 16 00-0163 EA 8" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	161.53	61.96
23 21 16 00-0164 EA 10" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	206.71	82.59
23 21 16 00-0165 EA 12" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	254.33	103.29
<b>23 21 16 00-0166 Steel Pipe Sleeves</b> <sup>(23 21 16 00-0158)</sup> Note: Includes link seals 12" length.		
23 21 16 00-0167 EA 2" Steel Pipe Sleeve With Link Seals.....	78.48	30.92
23 21 16 00-0168 EA 2-1/2" Steel Pipe Sleeve With Link Seals.....	94.25	33.52
23 21 16 00-0169 EA 3" Steel Pipe Sleeve With Link Seals.....	109.47	36.11
23 21 16 00-0170 EA 4" Steel Pipe Sleeve With Link Seals.....	134.24	43.32
23 21 16 00-0171 EA 6" Steel Pipe Sleeve With Link Seals.....	189.42	54.10
23 21 16 00-0172 EA 10" Steel Pipe Sleeve With Link Seals.....	347.36	64.95
23 21 16 00-0173 EA 13.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	392.01	81.19
23 21 16 00-0174 EA 17.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	547.62	99.90
23 21 16 00-0175 EA 23.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	749.05	129.90
23 21 16 00-0176 EA 29.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	777.96	162.38
<b>23 21 16 00-0177 Pressure Regulating Valve</b> <sup>(23 21 16)</sup>		
<b>23 21 16 00-0178 Screwed Ends, Water Pressure Reducing Valves</b> <sup>(23 21 16 00-0177)</sup> Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.		
23 21 16 00-0179 EA 1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	95.28 10.10	8.41
23 21 16 00-0180 EA 3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	115.93 11.21	9.43
23 21 16 00-0181 EA 1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	149.11 11.88	10.09
23 21 16 00-0182 EA 1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	247.31 13.46	11.30
23 21 16 00-0183 EA 1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	333.10 16.15	13.46
23 21 16 00-0184 EA 2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	479.32 24.78	20.63
23 21 16 00-0185 EA 2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	522.52 27.88	23.23
23 21 16 00-0186 EA 3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	574.56 30.98	67.23
<b>23 21 16 00-0187 Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0177)</sup> Note: Single seated, spring loaded, direct acting diaphragm valve.		
<b>23 21 16 00-0188 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0187)</sup>		
23 21 16 00-0189 EA 1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	157.79 14.04	11.72
23 21 16 00-0190 EA 3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	200.68 19.92	16.59
23 21 16 00-0191 EA 1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	256.26 24.32	20.22
23 21 16 00-0192 EA 1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer.....	337.23 28.26	24.54
23 21 16 00-0193 EA 1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer.....	445.11 32.18	27.89
23 21 16 00-0194 EA 2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	522.19 38.97	38.97
<b>23 21 16 00-0195 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0187)</sup> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0196 EA 2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	1,168.71 46.39	45.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0197 EA 3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,441.70 52.66	51.96
23 21 16 00-0198 EA 4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,928.91 99.93	96.38
23 21 16 00-0199 EA 6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,516.82 108.19	103.87
<b>23 21 16 00-0200 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <small>(23 21 16 00-0177)</small>		
<b>23 21 16 00-0201 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <small>(23 21 16 00-0200)</small>		
23 21 16 00-0202 EA 1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	803.50 12.76	8.50
23 21 16 00-0203 EA 3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	820.01 12.76	8.50
23 21 16 00-0204 EA 1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	877.02 16.11	10.74
23 21 16 00-0205 EA 1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,032.85 20.50	13.66
23 21 16 00-0206 EA 1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,182.66 23.63	15.76
23 21 16 00-0207 EA 2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,464.33 27.82	18.54
<b>23 21 16 00-0208 Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <small>(23 21 16 00-0200)</small>		
23 21 16 00-0209 EA 2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,847.74 46.57	31.05
23 21 16 00-0210 EA 3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	2,261.13 50.66	33.78
23 21 16 00-0211 EA 4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	3,528.65 111.86	74.57
23 21 16 00-0212 EA 6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	7,440.52 108.19	103.87
<b>23 21 16 00-0213 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves</b> <small>(23 21 16 00-0177)</small>		
23 21 16 00-0214 EA 1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	105.42	8.75
23 21 16 00-0215 EA 3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	128.85	9.69
23 21 16 00-0216 EA 1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	167.12	10.29
23 21 16 00-0217 EA 1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	280.60	11.71
23 21 16 00-0218 EA 1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	379.00	13.99
23 21 16 00-0219 EA 2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	544.54	21.44
23 21 16 00-0220 EA 2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	590.06	23.36
23 21 16 00-0221 EA 3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	652.06	26.89
<b>23 21 16 00-0222 Screwed Ends, Bronze Body, Water Pressure Reducing Valves</b> <small>(23 21 16 00-0177)</small>		
Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0223 EA 1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	90.25	8.41
23 21 16 00-0224 EA 3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	99.29	9.43
23 21 16 00-0225 EA 1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	121.42	10.43
23 21 16 00-0226 EA 1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	273.72	11.30
23 21 16 00-0227 EA 1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	298.17	13.46
23 21 16 00-0228 EA 2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	467.95	20.63
<b>23 21 16 00-0229 Dual Unit Reducing And Relief Valve</b> <small>(23 21 16)</small>		
23 21 16 00-0230 EA 1/2" Dual Unit Reducing And Relief Valve.....	104.22	21.27
<b>23 21 16 00-0231 Safety Relief Valve</b> <small>(23 21 16)</small>		
Note: Used in water heater and hot water storage tank applications.		
<b>23 21 16 00-0232 Threaded Inlet, Bronze Body Safety Valves</b> <small>(23 21 16 00-0231)</small>		
Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0233 EA 1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve.....	43.45	8.41
23 21 16 00-0234 EA 3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve.....	57.64	9.26
23 21 16 00-0235 EA 1" x 1" Threaded Inlet, Bronze Body Safety Valve.....	81.04	11.27
23 21 16 00-0236 EA 1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve.....	102.00	11.95
23 21 16 00-0237 EA 1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve.....	139.96	15.98
23 21 16 00-0238 EA 2" x 2" Threaded Inlet, Bronze Body Safety Valve.....	184.99	18.84
23 21 16 00-0239 EA 2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve.....	212.09	23.55
<b>23 21 16 00-0240 Threaded, Bronze Body, Temperature And Pressure Relief Valves</b> <small>(23 21 16)</small>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0241	EA		1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve..... <i>For Cast Iron Body, Add</i>	46.17 22.66	17.16
23 21 16 00-0242	EA		3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve..... <i>For Cast Iron Body, Add</i>	58.91 31.58	20.60
23 21 16 00-0243	EA		1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve..... <i>For Cast Iron Body, Add</i>	85.10 50.29	27.45
23 21 16 00-0244	EA		1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	133.57 106.88	29.41
23 21 16 00-0245	EA		1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	217.39 204.46	32.98
23 21 16 00-0246	EA		2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve..... <i>For Cast Iron Body, Add</i>	255.56 222.64	47.40
<b>23 21 16 00-0247</b>			<b>Thermostatic Radiator Valves</b> <sup>(23 21 16)</sup> Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0248	EA		1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015).....	42.37	11.24
23 21 16 00-0249	EA		3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020).....	51.01	15.16
23 21 16 00-0250	EA		1" Straight Thermostatic Radiator Valve (Danfoss 013G8025).....	69.00	18.35
23 21 16 00-0251	EA		1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032).....	101.97	23.24
23 21 16 00-0252	EA		1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014).....	42.37	11.24
23 21 16 00-0253	EA		3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019).....	51.01	15.16
23 21 16 00-0254	EA		1" Angle Thermostatic Radiator Valve (Danfoss 013G8024).....	69.00	18.35
23 21 16 00-0255	EA		1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031).....	101.97	23.24
23 21 16 00-0256	EA		Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240).....	53.66	8.71
23 21 16 00-0257	EA		Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922).....	79.27	12.20
<b>23 21 16 00-0258</b>			<b>Radiator Trap Repair Kits</b> <sup>(23 21 16)</sup> Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0259	EA		1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031).....	78.30	77.72
23 21 16 00-0260	EA		3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032).....	97.72	97.72
23 21 16 00-0261	EA		1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026).....	98.59	98.59
23 21 16 00-0262	EA		3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027).....	112.22	112.22
23 21 16 00-0263	EA		1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028).....	262.08	262.08
<b>23 21 16 00-0264</b>			<b>Horizontal Steel Expansion Tanks</b> <sup>(23 21 16)</sup> Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0265	EA		10 Gallon Horizontal Steel Expansion Tank.....	404.90	69.72
23 21 16 00-0266	EA		15 Gallon Horizontal Steel Expansion Tank.....	572.49	87.15
23 21 16 00-0267	EA		30 Gallon Horizontal Steel Expansion Tank.....	750.05	104.58
23 21 16 00-0268	EA		40 Gallon Horizontal Steel Expansion Tank.....	863.43	122.01
23 21 16 00-0269	EA		60 Gallon Horizontal Steel Expansion Tank.....	974.10	114.16
<b>23 21 16 00-0270</b>			<b>Vertical Diaphragm Type (Bladder) Steel Expansion Tanks</b> <sup>(23 21 16)</sup> Note: ASME. Precharged with working pressure 125 psi (Armstrong AX)		
23 21 16 00-0271	EA		8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,470.16	52.29
23 21 16 00-0272	EA		11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,511.79	61.01
23 21 16 00-0273	EA		22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,178.73	69.72
23 21 16 00-0274	EA		34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,323.24	78.43
23 21 16 00-0275	EA		44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,963.94	87.15
23 21 16 00-0276	EA		56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,114.51	95.86
23 21 16 00-0277	EA		67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,807.66	104.58
23 21 16 00-0278	EA		77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,115.56	113.29
23 21 16 00-0279	EA		91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,554.55	122.01
23 21 16 00-0280	EA		111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,655.98	139.44
23 21 16 00-0281	EA		132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,739.73	156.87
23 21 16 00-0282	EA		158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	6,666.15	174.29
23 21 16 00-0283	EA		211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	7,671.80	209.15
<b>23 21 16 00-0284</b>			<b>Diaphragm Type (Residential Style) Steel Expansion Tanks</b> <sup>(23 21 16)</sup>		
23 21 16 00-0285	EA		2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1).....	53.32	6.19
23 21 16 00-0286	EA		4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1).....	75.88	6.19
<b>23 21 16 00-0287</b>			<b>Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks</b> <sup>(23 21 16)</sup>		
23 21 16 00-0288	EA		15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	713.37	209.22
23 21 16 00-0289	EA		20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	743.37	209.22
23 21 16 00-0290	EA		30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	773.37	209.22
23 21 16 00-0291	EA		40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	851.36	209.22
23 21 16 00-0292	EA		47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,017.54	278.80
23 21 16 00-0293	EA		60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,197.15	278.94
23 21 16 00-0294	EA		80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,232.79	278.94
23 21 16 00-0295	EA		87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,268.42	278.94
23 21 16 00-0296	EA		120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,613.91	348.59
23 21 16 00-0297	EA		187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	4,635.10	348.59
23 21 16 00-0298	EA		264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	5,895.07	418.17



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 16 00-0299 ASME Construction Compression Tanks <sup>(23 21 16)</sup></b>						
Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.						
	23 21 16 00-0300	EA		15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank.....	568.39	122.70
				<i>For Galvanized Steel Tanks, Add</i>	191.24	
	23 21 16 00-0301	EA		24 Gallon, 13" x 51" ASME Construction Compression Tank.....	579.83	126.19
				<i>For Galvanized Steel Tanks, Add</i>	194.05	
	23 21 16 00-0302	EA		30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank.....	631.10	130.38
				<i>For Galvanized Steel Tanks, Add</i>	216.55	
	23 21 16 00-0303	EA		40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank.....	689.38	135.26
				<i>For Galvanized Steel Tanks, Add</i>	241.86	
	23 21 16 00-0304	EA		60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank.....	801.08	142.92
				<i>For Galvanized Steel Tanks, Add</i>	292.48	
	23 21 16 00-0305	EA		80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank.....	832.34	148.50
				<i>For Galvanized Steel Tanks, Add</i>	303.73	
	23 21 16 00-0306	EA		100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank.....	1,026.45	161.75
				<i>For Galvanized Steel Tanks, Add</i>	390.91	
	23 21 16 00-0307	EA		120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank.....	1,118.02	173.60
				<i>For Galvanized Steel Tanks, Add</i>	427.47	
	23 21 16 00-0308	EA		144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank.....	1,387.34	195.91
				<i>For Galvanized Steel Tanks, Add</i>	545.34	
	23 21 16 00-0309	EA		180 Gallon, 30" x 60" ASME Construction Compression Tank.....	1,757.48	224.49
				<i>For Galvanized Steel Tanks, Add</i>	708.70	
	23 21 16 00-0310	EA		202 Gallon, 30" x 72" ASME Construction Compression Tank.....	2,101.49	248.89
				<i>For Galvanized Steel Tanks, Add</i>	862.32	
	23 21 16 00-0311	EA		230 Gallon, 30" x 84" ASME Construction Compression Tank.....	2,297.85	270.50
				<i>For Galvanized Steel Tanks, Add</i>	943.87	
	23 21 16 00-0312	EA		280 Gallon, 30" x 96" ASME Construction Compression Tank.....	2,894.37	297.00
				<i>For Galvanized Steel Tanks, Add</i>	1,222.29	
	23 21 16 00-0313	EA		306 Gallon, 30" x 108" ASME Construction Compression Tank.....	2,988.24	317.22
				<i>For Galvanized Steel Tanks, Add</i>	1,253.72	
	23 21 16 00-0314	EA		340 Gallon, 36" x 84" ASME Construction Compression Tank.....	3,838.06	340.92
				<i>For Galvanized Steel Tanks, Add</i>	1,660.82	
	23 21 16 00-0315	EA		550 Gallon, 36" x 96" ASME Construction Compression Tank.....	6,361.16	400.18
				<i>For Galvanized Steel Tanks, Add</i>	2,877.46	
<b>23 21 16 00-0316 Compression Tank Air Fittings <sup>(23 21 16)</sup></b>						
	23 21 16 00-0317	EA		9" To 24" Diameter Compression Tank Air Fittings.....	94.24	19.52
	23 21 16 00-0318	EA		>100 Gallon Compression Tank Air Fittings .....	281.51	23.01
<b>23 21 16 00-0319 Vortex Air Separators With Strainer <sup>(23 21 16)</sup></b>						
Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.						
	23 21 16 00-0320	EA		2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N) .....	887.26	148.50
				<i>For 300 PSIG, Add</i>	99.36	
	23 21 16 00-0321	EA		2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N) .....	1,096.94	170.12
				<i>For 300 PSIG, Add</i>	125.81	
	23 21 16 00-0322	EA		3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N) .....	1,682.72	200.09
				<i>For 300 PSIG, Add</i>	206.94	
	23 21 16 00-0323	EA		3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F) .....	1,798.55	211.85
				<i>For 300 PSIG, Add</i>	221.64	
	23 21 16 00-0324	EA		4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F) .....	2,321.00	282.46
				<i>For 300 PSIG, Add</i>	283.95	
	23 21 16 00-0325	EA		5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F) .....	2,888.29	310.51
				<i>For 300 PSIG, Add</i>	362.73	
	23 21 16 00-0326	EA		6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F) .....	3,429.13	351.61
				<i>For 300 PSIG, Add</i>	434.46	
	23 21 16 00-0327	EA		8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F) .....	4,942.71	421.82
				<i>For 300 PSIG, Add</i>	645.51	
	23 21 16 00-0328	EA		10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F) .....	7,632.31	479.47
				<i>For 300 PSIG, Add</i>	1,035.88	
	23 21 16 00-0329	EA		12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F) .....	10,299.00	620.46
				<i>For 300 PSIG, Add</i>	1,403.83	
<b>23 21 16 00-0330 Vortex Air Separators <sup>(23 21 16)</sup></b>						
Note: Without system strainer.						
	23 21 16 00-0331	EA		2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N) .....	757.92	148.50
				<i>For 300 PSIG, Add</i>	79.95	
	23 21 16 00-0332	EA		2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N).....	955.85	170.12
				<i>For 300 PSIG, Add</i>	104.65	
	23 21 16 00-0333	EA		3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N) .....	1,647.45	200.09
				<i>For 300 PSIG, Add</i>	201.65	
	23 21 16 00-0334	EA		3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F).....	1,488.93	211.85
				<i>For 300 PSIG, Add</i>	175.19	
	23 21 16 00-0335	EA		4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F).....	1,995.70	282.46
				<i>For 300 PSIG, Add</i>	235.16	
	23 21 16 00-0336	EA		5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F).....	2,547.31	310.51
				<i>For 300 PSIG, Add</i>	311.59	
	23 21 16 00-0337	EA		6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F).....	2,966.65	351.61
				<i>For 300 PSIG, Add</i>	365.09	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0338	EA		8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)..... <i>For 300 PSIG, Add</i>	8,258.46 1,142.87	421.82
23 21 16 00-0339	EA		10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)..... <i>For 300 PSIG, Add</i>	5,519.80 719.00	479.47
23 21 16 00-0340	EA		12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)..... <i>For 300 PSIG, Add</i>	8,524.03 1,137.58	620.46
<b>23 21 16 00-0341</b>			<b>Grooved, With Strainer, Vortex Air Separators</b> <small>(23 21 16)</small>		
23 21 16 00-0342	EA		3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G).....	1,577.59	169.47
23 21 16 00-0343	EA		4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G).....	2,235.20	225.82
23 21 16 00-0344	EA		5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G).....	2,794.26	248.19
23 21 16 00-0345	EA		6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G).....	3,322.54	281.29
23 21 16 00-0346	EA		8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G).....	4,807.01	337.55
23 21 16 00-0347	EA		10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G).....	7,792.72	383.58
23 21 16 00-0348	EA		12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G).....	11,876.97	496.43
<b>23 21 16 00-0349</b>			<b>Grooved Vortex Air Separators</b> <small>(23 21 16)</small> Note: Without system strainer.		
23 21 16 00-0350	EA		3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G).....	1,256.21	169.47
23 21 16 00-0351	EA		4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G).....	1,909.90	225.82
23 21 16 00-0352	EA		5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G).....	2,453.28	248.19
23 21 16 00-0353	EA		6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G).....	2,860.06	281.29
23 21 16 00-0354	EA		8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G).....	3,827.18	337.55
23 21 16 00-0355	EA		10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G).....	5,648.85	383.58
23 21 16 00-0356	EA		12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G).....	9,404.60	496.43
<b>23 21 16 00-0357</b>			<b>Swivel Joints</b> <small>(23 21 16)</small>		
<b>23 21 16 00-0358</b>			<b>Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)</b> <small>(23 21 16 00-0357)</small> Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0359	EA		1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	214.32	18.33
23 21 16 00-0360	EA		1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	307.95	26.84
23 21 16 00-0361	EA		2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	431.74	31.37
23 21 16 00-0362	EA		3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	643.97	53.69
23 21 16 00-0363	EA		3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	812.89	74.15
23 21 16 00-0364	EA		4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,034.96	124.45
23 21 16 00-0365	EA		6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,954.67	174.29
<b>23 21 16 00-0366</b>			<b>Basket Strainers</b> <small>(23 21 16)</small>		
<b>23 21 16 00-0367</b>			<b>Bronze Body Basket Strainers</b> <small>(23 21 16 00-0366)</small>		
<b>23 21 16 00-0368</b>			<b>Screwed Ends, Bronze Body Basket Strainers</b> <small>(23 21 16 00-0367)</small>		
23 21 16 00-0369	EA		1/2" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	131.63 8.30	13.95
23 21 16 00-0370	EA		3/4" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	155.50 9.75	16.39
23 21 16 00-0371	EA		1" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	180.74 11.62	19.52
23 21 16 00-0372	EA		1-1/4" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	223.24 12.95	21.61
23 21 16 00-0373	EA		1-1/2" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	262.80 14.63	24.40
23 21 16 00-0374	EA		2" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	385.39 16.75	27.89
23 21 16 00-0375	EA		2-1/2" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	543.63 22.43	37.30
23 21 16 00-0376	EA		3" Screwed Ends, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	755.41 23.80	39.74
<b>23 21 16 00-0377</b>			<b>Flanged, Bronze Body Basket Strainers</b> <small>(23 21 16 00-0367)</small>		
23 21 16 00-0378	EA		2" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	661.89 48.74	81.23
23 21 16 00-0379	EA		2-1/2" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,028.92 74.25	123.75
23 21 16 00-0380	EA		3" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,201.97 95.59	159.31
23 21 16 00-0381	EA		4" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,866.52 111.49	185.80
23 21 16 00-0382	EA		6" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,412.43 137.00	228.32
23 21 16 00-0383	EA		8" Flanged, Bronze Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,034.82 164.38	273.98
<b>23 21 16 00-0384</b>			<b>Iron Body Basket Strainers</b> <small>(23 21 16 00-0366)</small>		
<b>23 21 16 00-0385</b>			<b>Screwed Ends, Iron Body Basket Strainers</b> <small>(23 21 16 00-0384)</small>		





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0386 EA 1/2" Screwed Ends, Iron Body Basket Strainer.....	145.65	13.95
For Work In Restricted Working Space, Add	8.30	
23 21 16 00-0387 EA 3/4" Screwed Ends, Iron Body Basket Strainer.....	164.56	16.39
For Work In Restricted Working Space, Add	9.75	
23 21 16 00-0388 EA 1" Screwed Ends, Iron Body Basket Strainer.....	194.59	19.52
For Work In Restricted Working Space, Add	11.62	
23 21 16 00-0389 EA 1-1/4" Screwed Ends, Iron Body Basket Strainer.....	252.08	21.61
For Work In Restricted Working Space, Add	12.95	
23 21 16 00-0390 EA 1-1/2" Screwed Ends, Iron Body Basket Strainer.....	277.14	24.40
For Work In Restricted Working Space, Add	14.63	
23 21 16 00-0391 EA 2" Screwed Ends, Iron Body Basket Strainer.....	328.60	27.89
For Work In Restricted Working Space, Add	16.75	
23 21 16 00-0392 EA 2-1/2" Screwed Ends, Iron Body Basket Strainer.....	464.44	37.30
For Work In Restricted Working Space, Add	22.43	
23 21 16 00-0393 EA 3" Screwed Ends, Iron Body Basket Strainer.....	523.10	39.74
For Work In Restricted Working Space, Add	23.80	
<b>23 21 16 00-0394 Flanged, Iron Body Basket Strainers (23 21 16 00-0384)</b>		
23 21 16 00-0395 EA 2" Flanged, Iron Body Basket Strainer.....	558.82	81.23
For Work In Restricted Working Space, Add	48.74	
23 21 16 00-0396 EA 2-1/2" Flanged, Iron Body Basket Strainer.....	781.73	123.75
For Work In Restricted Working Space, Add	74.25	
23 21 16 00-0397 EA 3" Flanged, Iron Body Basket Strainer.....	887.32	159.31
For Work In Restricted Working Space, Add	95.59	
23 21 16 00-0398 EA 4" Flanged, Iron Body Basket Strainer.....	1,227.54	185.80
For Work In Restricted Working Space, Add	111.49	
23 21 16 00-0399 EA 6" Flanged, Iron Body Basket Strainer.....	2,122.50	228.32
For Work In Restricted Working Space, Add	137.00	
23 21 16 00-0400 EA 8" Flanged, Iron Body Basket Strainer.....	3,621.14	273.98
For Work In Restricted Working Space, Add	164.38	
23 21 16 00-0401 EA 10" Flanged, Iron Body Basket Strainer.....	5,246.92	311.37
For Work In Restricted Working Space, Add	186.83	
23 21 16 00-0402 EA 12" Flanged, Iron Body Basket Strainer.....	6,291.70	402.99
For Work In Restricted Working Space, Add	241.77	
23 21 16 00-0403 EA 14" Flanged, Iron Body Basket Strainer.....	7,900.24	489.17
For Work In Restricted Working Space, Add	293.51	
23 21 16 00-0404 EA 16" Flanged, Iron Body Basket Strainer.....	8,608.06	684.91
For Work In Restricted Working Space, Add	411.07	
<b>23 21 16 00-0405 Cast Steel Body Basket Strainers (23 21 16 00-0366)</b>		
<b>23 21 16 00-0406 Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0405)</b>		
23 21 16 00-0407 EA 1" Screwed Ends, Cast Steel Body Basket Strainer.....	340.37	19.52
For Work In Restricted Working Space, Add	11.62	
23 21 16 00-0408 EA 1-1/4" Screwed Ends, Cast Steel Body Basket Strainer.....	445.81	21.61
For Work In Restricted Working Space, Add	12.96	
23 21 16 00-0409 EA 1-1/2" Screwed Ends, Cast Steel Body Basket Strainer.....	502.48	24.40
For Work In Restricted Working Space, Add	14.62	
23 21 16 00-0410 EA 2" Screwed Ends, Cast Steel Body Basket Strainer.....	701.28	27.89
For Work In Restricted Working Space, Add	16.75	
23 21 16 00-0411 EA 2-1/2" Screwed Ends, Cast Steel Body Basket Strainer.....	982.25	37.30
For Work In Restricted Working Space, Add	22.43	
23 21 16 00-0412 EA 3" Screwed Ends, Cast Steel Body Basket Strainer.....	1,268.00	39.74
For Work In Restricted Working Space, Add	23.80	
<b>23 21 16 00-0413 Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0405)</b>		
23 21 16 00-0414 EA 2" Flanged, Cast Steel Body Basket Strainer.....	1,101.90	81.23
For Work In Restricted Working Space, Add	48.74	
23 21 16 00-0415 EA 2-1/2" Flanged, Cast Steel Body Basket Strainer.....	1,621.52	123.75
For Work In Restricted Working Space, Add	74.25	
23 21 16 00-0416 EA 3" Flanged, Cast Steel Body Basket Strainer.....	1,820.45	159.31
For Work In Restricted Working Space, Add	95.59	
23 21 16 00-0417 EA 4" Flanged, Cast Steel Body Basket Strainer.....	2,480.58	185.80
For Work In Restricted Working Space, Add	111.49	
23 21 16 00-0418 EA 6" Flanged, Cast Steel Body Basket Strainer.....	4,259.13	228.32
For Work In Restricted Working Space, Add	137.00	
23 21 16 00-0419 EA 8" Flanged, Cast Steel Body Basket Strainer.....	6,778.90	273.98
For Work In Restricted Working Space, Add	164.38	
<b>23 21 16 00-0420 Stainless Steel Body Basket Strainers (23 21 16 00-0366)</b>		
<b>23 21 16 00-0421 Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0420)</b>		
23 21 16 00-0422 EA 1" Screwed Ends, Stainless Steel Body Basket Strainer.....	289.18	19.52
For Work In Restricted Working Space, Add	11.62	
23 21 16 00-0423 EA 1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer.....	413.90	21.61
For Work In Restricted Working Space, Add	12.96	
23 21 16 00-0424 EA 1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer.....	428.13	24.40
For Work In Restricted Working Space, Add	14.62	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0425	EA		2" Screwed Ends, Stainless Steel Body Basket Strainer .....	629.87	27.89
			<i>For Work In Restricted Working Space, Add</i>	16.75	
23 21 16 00-0426	EA		2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer .....	889.34	37.30
			<i>For Work In Restricted Working Space, Add</i>	22.43	
23 21 16 00-0427	EA		3" Screwed Ends, Stainless Steel Body Basket Strainer .....	1,250.98	39.74
			<i>For Work In Restricted Working Space, Add</i>	23.80	
<b>23 21 16 00-0428</b>			<b>Flanged, Stainless Steel Body Basket Strainers</b> <small>(23 21 16 00-0420)</small>		
23 21 16 00-0429	EA		2" Flanged, Stainless Steel Body Basket Strainer .....	1,016.71	81.23
			<i>For Work In Restricted Working Space, Add</i>	48.74	
23 21 16 00-0430	EA		2-1/2" Flanged, Stainless Steel Body Basket Strainer .....	1,577.86	123.75
			<i>For Work In Restricted Working Space, Add</i>	74.25	
23 21 16 00-0431	EA		3" Flanged, Stainless Steel Body Basket Strainer .....	1,821.32	159.31
			<i>For Work In Restricted Working Space, Add</i>	95.59	
23 21 16 00-0432	EA		4" Flanged, Stainless Steel Body Basket Strainer .....	2,913.31	185.80
			<i>For Work In Restricted Working Space, Add</i>	111.49	
23 21 16 00-0433	EA		6" Flanged, Stainless Steel Body Basket Strainer .....	4,424.14	228.32
			<i>For Work In Restricted Working Space, Add</i>	137.00	
23 21 16 00-0434	EA		8" Flanged, Stainless Steel Body Basket Strainer .....	7,540.64	273.98
			<i>For Work In Restricted Working Space, Add</i>	164.38	
<b>23 21 23</b>			<b>Hydronic Pumps</b> <small>(23 21)</small>		
<b>23 21 23 13</b>			<b>In-Line Centrifugal Hydronic Pumps</b> <small>(23 21 23)</small>		
<b>23 21 23 13-0001</b>			<b>Cast Iron Single Stage In-Line Centrifugal Pump</b> <small>(23 21 23 13)</small>		
			Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA		50 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 3 HP.....	6,858.14	186.16
			<i>For Mechanical Seal, Add</i>	503.99	
			<i>For Cast Steel Case, Add</i>	1,133.99	
23 21 23 13-0003	EA		75 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 5 HP.....	7,429.39	225.33
			<i>For Mechanical Seal, Add</i>	540.29	
			<i>For Cast Steel Case, Add</i>	1,215.66	
23 21 23 13-0004	EA		100 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP.....	8,568.27	267.69
			<i>For Mechanical Seal, Add</i>	621.27	
			<i>For Cast Steel Case, Add</i>	1,397.85	
23 21 23 13-0005	EA		125 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 10 HP.....	9,045.16	356.93
			<i>For Mechanical Seal, Add</i>	638.02	
			<i>For Cast Steel Case, Add</i>	1,435.54	
23 21 23 13-0006	EA		150 GPM Cast Iron Centrifugal Pump, Single Stage With 200' Head And 15 HP.....	10,879.57	389.02
			<i>For Mechanical Seal, Add</i>	776.99	
			<i>For Cast Steel Case, Add</i>	1,748.23	
23 21 23 13-0007	EA		200 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 30 HP.....	16,675.94	428.18
			<i>For Mechanical Seal, Add</i>	1,231.36	
			<i>For Cast Steel Case, Add</i>	2,770.57	
23 21 23 13-0008	EA		250 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 40 HP.....	19,509.66	534.75
			<i>For Mechanical Seal, Add</i>	1,432.38	
			<i>For Cast Steel Case, Add</i>	3,222.86	
23 21 23 13-0009	EA		300 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 50 HP.....	15,969.70	611.14
			<i>For Mechanical Seal, Add</i>	1,130.84	
			<i>For Cast Steel Case, Add</i>	2,544.40	
23 21 23 13-0010	EA		400 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 75 HP.....	35,195.79	591.92
			<i>For Mechanical Seal, Add</i>	2,673.60	
			<i>For Cast Steel Case, Add</i>	6,015.59	
23 21 23 13-0011	EA		600 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 100 HP.....	38,069.71	760.88
			<i>For Mechanical Seal, Add</i>	2,862.92	
			<i>For Cast Steel Case, Add</i>	6,441.57	
<b>23 21 23 16</b>			<b>Base-Mounted, Centrifugal Hydronic Pumps</b> <small>(23 21 23)</small>		
<b>23 21 23 16-0001</b>			<b>Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small>		
			Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA		5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T) .....	3,019.59	203.50
23 21 23 16-0003	EA		7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T) .....	3,377.37	203.75
23 21 23 16-0004	EA		10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T) .....	4,442.97	267.69
23 21 23 16-0005	EA		15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T) .....	4,892.65	329.32
23 21 23 16-0006	EA		15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T).....	5,450.51	329.32
23 21 23 16-0007	EA		20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T) .....	5,325.98	356.93
23 21 23 16-0008	EA		20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T) .....	5,643.14	356.93
23 21 23 16-0009	EA		25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T) .....	6,162.40	374.26
23 21 23 16-0010	EA		30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T) .....	6,891.11	475.68
23 21 23 16-0011	EA		40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T) .....	7,313.89	534.75
23 21 23 16-0012	EA		60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T) .....	11,264.19	1,167.25
23 21 23 16-0013	EA		75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T).....	16,173.97	1,400.46
23 21 23 16-0014	EA		100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS) .....	18,430.10	1,750.57



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0015				<b>Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA			40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP ..... 2,736.40		149.57
				<i>For 300 LB Flanges, Add</i> ..... 616.67		
23 21 23 16-0017	EA			50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP ..... 3,433.08		160.49
				<i>For 300 LB Flanges, Add</i> ..... 798.09		
23 21 23 16-0018	EA			90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP ..... 4,294.78		171.40
				<i>For 300 LB Flanges, Add</i> ..... 1,002.37		
23 21 23 16-0019	EA			100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP ..... 5,027.00		203.50
				<i>For 300 LB Flanges, Add</i> ..... 1,165.04		
23 21 23 16-0020	EA			150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP ..... 5,283.11		203.75
				<i>For 300 LB Flanges, Add</i> ..... 1,224.48		
23 21 23 16-0021	EA			200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP ..... 5,680.77		267.69
				<i>For 300 LB Flanges, Add</i> ..... 1,299.83		
23 21 23 16-0022	EA			225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP ..... 5,680.77		267.69
				<i>For 300 LB Flanges, Add</i> ..... 1,299.83		
23 21 23 16-0023	EA			250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP ..... 5,680.77		267.69
				<i>For 300 LB Flanges, Add</i> ..... 1,299.83		
23 21 23 16-0024	EA			300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP ..... 6,916.85		329.32
				<i>For 300 LB Flanges, Add</i> ..... 1,581.07		
23 21 23 16-0025	EA			350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP ..... 7,031.65		329.07
				<i>For 300 LB Flanges, Add</i> ..... 1,603.80		
23 21 23 16-0026	EA			500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP ..... 7,408.07		356.93
				<i>For 300 LB Flanges, Add</i> ..... 1,691.53		
23 21 23 16-0027	EA			600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP ..... 8,123.30		374.26
				<i>For 300 LB Flanges, Add</i> ..... 1,857.51		
23 21 23 16-0028	EA			750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP ..... 9,024.17		475.68
				<i>For 300 LB Flanges, Add</i> ..... 2,042.06		
23 21 23 16-0029	EA			1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP ..... 10,232.95		534.75
				<i>For 300 LB Flanges, Add</i> ..... 2,317.51		
23 21 23 16-0030	EA			1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP ..... 14,472.92		1,167.25
				<i>For 300 LB Flanges, Add</i> ..... 3,055.55		
23 21 23 16-0031	EA			2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP ..... 17,226.85		1,400.46
				<i>For 300 LB Flanges, Add</i> ..... 3,631.49		
23 21 23 16-0032	EA			3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP ..... 20,413.13		1,750.57
				<i>For 300 LB Flanges, Add</i> ..... 4,259.26		
23 21 23 16-0033				<b>Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA			40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP ..... 4,268.80		149.57
				<i>For 300 LB Flanges, Add</i> ..... 999.77		
23 21 23 16-0035	EA			50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP ..... 4,378.46		160.49
				<i>For 300 LB Flanges, Add</i> ..... 1,022.39		
23 21 23 16-0036	EA			90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP ..... 4,488.21		171.40
				<i>For 300 LB Flanges, Add</i> ..... 1,045.02		
23 21 23 16-0037	EA			100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP ..... 4,881.12		175.26
				<i>For 300 LB Flanges, Add</i> ..... 1,141.35		
23 21 23 16-0038	EA			100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP ..... 8,008.62		203.50
				<i>For 300 LB Flanges, Add</i> ..... 1,910.45		
23 21 23 16-0039	EA			250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP ..... 10,712.24		267.69
				<i>For 300 LB Flanges, Add</i> ..... 2,573.98		
23 21 23 16-0040	EA			350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP ..... 10,914.85		288.88
				<i>For 300 LB Flanges, Add</i> ..... 2,608.35		
23 21 23 16-0041	EA			500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP ..... 11,517.12		320.97
				<i>For 300 LB Flanges, Add</i> ..... 2,731.14		
23 21 23 16-0042	EA			750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP ..... 12,779.12		296.25
				<i>For 300 LB Flanges, Add</i> ..... 3,061.59		
23 21 23 16-0043	EA			1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP ..... 14,275.89		380.72
				<i>For 300 LB Flanges, Add</i> ..... 3,397.73		
23 21 23 16-0044	EA			1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP ..... 18,094.19		467.03
				<i>For 300 LB Flanges, Add</i> ..... 4,298.47		
23 21 23 16-0045	EA			2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP ..... 20,338.04		583.32
				<i>For 300 LB Flanges, Add</i> ..... 4,803.17		
23 21 23 16-0046	EA			3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP ..... 29,095.88		700.23
				<i>For 300 LB Flanges, Add</i> ..... 6,936.36		
23 21 23 16-0047	EA			3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP ..... 55,896.69		777.76
				<i>For 300 LB Flanges, Add</i> ..... 13,599.05		
23 21 23 16-0048	EA			4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP ..... 59,248.71		1,000.33
				<i>For 300 LB Flanges, Add</i> ..... 14,329.88		
23 21 23 16-0049				<b>Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050	EA			100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP ..... 15,328.20		329.32
				<i>For 300 LB Flanges, Add</i> ..... 3,683.91		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0051 EA 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP ..... <i>For 300 LB Flanges, Add</i>	16,604.53 3,990.64	356.93
23 21 23 16-0052 EA 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP ..... <i>For 300 LB Flanges, Add</i>	19,895.12 4,763.17	459.96
23 21 23 16-0053 EA 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP ..... <i>For 300 LB Flanges, Add</i>	39,374.77 9,554.10	632.02
23 21 23 16-0054 EA 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP ..... <i>For 300 LB Flanges, Add</i>	48,180.21 11,658.93	842.69
<b>23 21 23 16-0055 Cast Iron Close Coupling Pumps (23 21 23 16)</b>		
<b>23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps (23 21 23 16-0055)</b>		
23 21 23 16-0057 EA 3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM).....	2,710.18	192.58
23 21 23 16-0058 EA 3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM) .....	2,938.34	192.58
23 21 23 16-0059 EA 5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM) .....	3,260.02	203.29
23 21 23 16-0060 EA 5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	3,461.86	203.29
23 21 23 16-0061 EA 7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	3,965.32	213.77
23 21 23 16-0062 EA 10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	4,643.61	237.83
23 21 23 16-0063 EA 15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP) .....	6,086.59	292.99
23 21 23 16-0064 EA 20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP) .....	6,517.46	317.11
23 21 23 16-0065 EA 25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP) .....	7,536.26	342.48
<b>23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt (23 21 23 16)</b>		
23 21 23 16-0067 EA 1/3 HP, Centrifugal Pump, Polypropylene Body .....	1,746.69	99.49
23 21 23 16-0068 EA 1/2 HP, Centrifugal Pump, Polypropylene Body .....	1,865.03	105.49
23 21 23 16-0069 EA 3/4 HP, Centrifugal Pump, Polypropylene Body .....	2,203.81	112.32
<b>23 21 23 23 Vertical-Turbine Hydronic Pumps (23 21 23)</b>		
<b>23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps (23 21 23 23)</b>		
Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002 EA 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP .....	7,738.14	475.68
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	203.61	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	280.99	
<i>For Each Extra Column Assembly &lt;60", Add</i>	647.58	
23 21 23 23-0003 EA 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP .....	8,110.31	534.75
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	214.55	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	295.65	
<i>For Each Extra Column Assembly &lt;60", Add</i>	677.59	
23 21 23 23-0004 EA 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP .....	9,609.20	467.03
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	254.78	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	350.88	
<i>For Each Extra Column Assembly &lt;60", Add</i>	802.23	
23 21 23 23-0005 EA 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP .....	10,387.20	538.92
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	276.99	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	380.86	
<i>For Each Extra Column Assembly &lt;60", Add</i>	865.60	
23 21 23 23-0006 EA 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP .....	12,785.63	583.32
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	346.06	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	473.91	
<i>For Each Extra Column Assembly &lt;60", Add</i>	1,060.36	
23 21 23 23-0007 EA 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP .....	20,444.10	700.23
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	568.31	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	772.75	
<i>For Each Extra Column Assembly &lt;60", Add</i>	1,680.54	
23 21 23 23-0008 EA 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage, 150 HP .....	24,444.93	875.29
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	677.08	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	921.53	
<i>For Each Extra Column Assembly &lt;60", Add</i>	2,011.86	
23 21 23 23-0009 EA 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage, 200 HP .....	39,415.61	1,000.33
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	1,118.16	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	1,512.32	
<i>For Each Extra Column Assembly &lt;60", Add</i>	3,217.56	
23 21 23 23-0010 EA 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage, 300 HP .....	51,778.89	1,167.25
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	1,478.34	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	1,996.13	
<i>For Each Extra Column Assembly &lt;60", Add</i>	4,217.34	
23 21 23 23-0011 EA 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage, 300 HP .....	72,641.13	1,400.46
<i>For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add</i>	2,089.20	
<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	2,815.62	
<i>For Each Extra Column Assembly &lt;60", Add</i>	5,901.32	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Piping And Pumps	23 20
Hydronic Piping And Pumps	23 21

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 29 Automatic Condensate Pump Units (23 21)</b>		
<b>23 21 29 00-0001 Automatic Shallow Pan Condensate Pump (23 21 29)</b>		
23 21 29 00-0002 EA 1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS).....	144.57	20.86
23 21 29 00-0003 EA 1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS).....	157.43	20.86
23 21 29 00-0004 EA 1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS).....	248.51	24.08
<b>23 21 29 00-0005 Automatic Condensate Pump With Tank (23 21 29)</b>		
23 21 29 00-0006 EA 1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL).....	77.64	16.05
23 21 29 00-0007 EA 1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20).....	83.14	16.05
23 21 29 00-0008 EA 1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS).....	140.36	20.86
23 21 29 00-0009 EA 1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS).....	150.99	24.08
23 21 29 00-0010 EA 1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump.....	284.85	27.29
<b>23 22 Steam And Condensate Piping And Pumps (23 22)</b>		
<b>23 22 13 Steam and Condensate Heating Piping (23 22)</b>		
<b>23 22 13 00-0001 Ric-Wil System Pipe And Casing (23 22 13)</b>		
Note: Larger pipe size is usually for the condensate return. Perma, Ric-Wil or Thermoacol.		
<b>23 22 13 00-0002 Steam Pipe (23 22 13 00-0001)</b>		
Note: Includes condensate return.		
23 22 13 00-0003 LF 1-1/4" And 1-1/2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return.....	60.67	8.78
23 22 13 00-0004 LF 1-1/4" And 2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return.....	63.91	10.04
23 22 13 00-0005 LF 1-1/2" And 3" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return.....	73.75	11.29
23 22 13 00-0006 LF 3" And 6" Ric-Wil Pipe, 15" Case Steam Pipe With Condensate Return.....	112.48	17.56
23 22 13 00-0007 LF 4" And 8" Ric-Wil Pipe, 16-1/2" Case Steam Pipe With Condensate Return.....	146.53	23.83
<b>23 22 13 00-0008 Steam Or Condensate Pipe (23 22 13 00-0001)</b>		
Note: Excludes return.		
23 22 13 00-0009 LF 2" Steam Or Condensate Pipe, 6" Case With No Return Line.....	54.29	5.65
23 22 13 00-0010 LF 2" Steam Or Condensate Pipe, 8" Case With No Return Line.....	57.70	6.27
23 22 13 00-0011 LF 3" Steam Or Condensate Pipe, 8" Case With No Return Line.....	67.66	7.53
23 22 13 00-0012 LF 4" Steam Or Condensate Pipe, 10" Case With No Return Line.....	85.21	11.29
23 22 13 00-0013 LF 6" Steam Or Condensate Pipe, 11-1/2" Case With No Return Line.....	114.46	16.93
<b>23 22 16 Steam And Condensate Heating Piping Specialties (23 22)</b>		
<b>23 22 16 00-0001 High Temperature Safety Relief Valve (23 22 16)</b>		
Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
<b>23 22 16 00-0002 Cast Iron Body Safety Valve, Steam Or Water (23 22 16 00-0001)</b>		
Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
<b>23 22 16 00-0003 Threaded (23 22 16 00-0002)</b>		
23 22 16 00-0004 EA 3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	196.82	10.09
23 22 16 00-0005 EA 1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	208.04	11.95
23 22 16 00-0006 EA 1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	232.42	15.14
23 22 16 00-0007 EA 1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	283.91	16.83
23 22 16 00-0008 EA 2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	362.20	20.70
23 22 16 00-0009 EA 2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	549.28	23.55
23 22 16 00-0010 EA 3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	597.33	27.09
<b>23 22 16 00-0011 Flanged (23 22 16 00-0002)</b>		
23 22 16 00-0012 EA 1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,292.10	16.83
23 22 16 00-0013 EA 2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,487.99	20.19
23 22 16 00-0014 EA 2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,706.44	34.08
23 22 16 00-0015 EA 2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,038.07	37.17
23 22 16 00-0016 EA 3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,213.33	40.27
23 22 16 00-0017 EA 3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,583.41	46.47
23 22 16 00-0018 EA 4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,338.16	74.41
23 22 16 00-0019 EA 6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	8,484.90	77.45
<b>23 22 16 00-0020 Bronze Body Safety Valve, Threaded, Steam (23 22 16 00-0001)</b>		
Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0021 EA 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam.....	211.61	9.26
23 22 16 00-0022 EA 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	217.66	10.09
23 22 16 00-0023 EA 1" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	253.73	11.10
23 22 16 00-0024 EA 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	279.72	11.95
23 22 16 00-0025 EA 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	323.11	13.46
23 22 16 00-0026 EA 1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	327.09	15.14
23 22 16 00-0027 EA 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	366.36	15.98

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 22 Steam And Condensate Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0028	EA		1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam .....	398.39	16.83
23 22 16 00-0029	EA		2" x 2" Threaded Bronze Body Safety Relief Valve, Steam .....	546.57	18.84
23 22 16 00-0030	EA		2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam .....	597.48	20.70
23 22 16 00-0031	EA		2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam .....	711.26	23.55
<b>23 22 16 00-0032</b>			<b>Bronze Body Safety Valve, Threaded, Water</b> <small>(23 22 16 00-0001)</small>		
			Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0033	EA		3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water .....	106.69	9.26
23 22 16 00-0034	EA		3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water .....	120.94	10.09
23 22 16 00-0035	EA		1" x 1" Threaded Bronze Body Safety Relief Valve, Water .....	163.36	11.10
23 22 16 00-0036	EA		1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water .....	179.45	11.95
23 22 16 00-0037	EA		1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	254.04	13.46
23 22 16 00-0038	EA		1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water.....	339.54	15.98
23 22 16 00-0039	EA		2" x 2" Threaded Bronze Body Safety Relief Valve, Water.....	488.80	18.84
<b>23 22 16 00-0040</b>			<b>Steam Temperature Regulator, Iron Body</b> <small>(23 22 16)</small>		
<b>23 22 16 00-0041</b>			<b>Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0040)</small>		
			Note: Up to 150 PSI.		
23 22 16 00-0042	EA		1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	496.46	9.69
23 22 16 00-0043	EA		3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	524.67	13.06
23 22 16 00-0044	EA		1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	695.28	16.08
23 22 16 00-0045	EA		1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	769.74	20.33
23 22 16 00-0046	EA		1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	791.94	23.35
23 22 16 00-0047	EA		2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	934.01	25.40
23 22 16 00-0048	EA		2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,200.75	46.54
23 22 16 00-0049	EA		3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,511.80	50.74
23 22 16 00-0050	EA		4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,252.93	118.78
23 22 16 00-0051	EA		6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,698.21	139.41
<b>23 22 16 00-0052</b>			<b>Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0040)</small>		
23 22 16 00-0053	EA		1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	732.16	9.69
23 22 16 00-0054	EA		3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	760.73	13.06
23 22 16 00-0055	EA		1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	796.65	16.08
23 22 16 00-0056	EA		1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	954.43	20.33
23 22 16 00-0057	EA		1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,023.85	23.35
23 22 16 00-0058	EA		2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,161.74	25.40
23 22 16 00-0059	EA		2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,786.76	46.54
23 22 16 00-0060	EA		3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,076.31	50.74
23 22 16 00-0061	EA		4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,914.70	118.78
23 22 16 00-0062	EA		6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,663.81	139.41
<b>23 22 16 00-0063</b>			<b>Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0040)</small>		
23 22 16 00-0064	EA		1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	994.97	9.69
23 22 16 00-0065	EA		3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,012.07	13.06
23 22 16 00-0066	EA		1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,109.09	16.08
23 22 16 00-0067	EA		1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,209.94	20.33
23 22 16 00-0068	EA		1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,255.75	23.35
23 22 16 00-0069	EA		2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,415.87	25.40
23 22 16 00-0070	EA		2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,619.94	46.54
23 22 16 00-0071	EA		3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,922.32	50.74
23 22 16 00-0072	EA		4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,743.05	118.78
23 22 16 00-0073	EA		6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,226.83	139.41
<b>23 22 16 00-0074</b>			<b>Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0040)</small>		
23 22 16 00-0075	EA		1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,272.70	9.69
23 22 16 00-0076	EA		3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,288.42	13.06
23 22 16 00-0077	EA		1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,400.71	16.08
23 22 16 00-0078	EA		1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,462.66	20.33
23 22 16 00-0079	EA		1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,520.97	23.35
23 22 16 00-0080	EA		2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,656.10	25.40
23 22 16 00-0081	EA		2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,758.81	46.54
23 22 16 00-0082	EA		3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,069.71	50.74
23 22 16 00-0083	EA		4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,890.44	118.78
23 22 16 00-0084	EA		6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,374.22	139.41
<b>23 22 16 00-0085</b>			<b>Steam Traps</b> <small>(23 22 16)</small>		
<b>23 22 16 00-0086</b>			<b>Inverted Bucket Steam Traps</b> <small>(23 22 16 00-0085)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0087 EA 1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	203.26 12.55	20.91
23 22 16 00-0088 EA 3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	205.00 13.07	21.79
23 22 16 00-0089 EA 1" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	306.34 13.94	23.21
23 22 16 00-0090 EA 1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	496.48 19.01	31.68
23 22 16 00-0091 EA 1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	740.51 23.24	39.05
23 22 16 00-0092 EA 2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	943.53 34.86	58.09
<b>23 22 16 00-0093 Float And Thermostatic Steam Traps (23 22 16 00-0085)</b>		
23 22 16 00-0094 EA 3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	214.90 13.07	21.79
23 22 16 00-0095 EA 1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	284.02 13.94	23.23
23 22 16 00-0096 EA 1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	350.80 19.01	31.69
23 22 16 00-0097 EA 1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	475.13 23.24	38.73
23 22 16 00-0098 EA 2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	870.84 34.86	58.07
23 22 16 00-0099 EA 3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	274.56 13.07	21.79
23 22 16 00-0100 EA 1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	298.46 13.94	23.21
23 22 16 00-0101 EA 1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	390.17 19.01	31.68
23 22 16 00-0102 EA 1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	561.75 23.24	38.69
23 22 16 00-0103 EA 2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	958.78 34.86	58.09
23 22 16 00-0104 EA 3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	357.24 13.07	21.79
23 22 16 00-0105 EA 1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	398.21 13.94	23.23
23 22 16 00-0106 EA 1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	606.73 19.01	31.68
23 22 16 00-0107 EA 1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	620.82 23.24	38.69
23 22 16 00-0108 EA 2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	1,206.82 34.86	58.09
23 22 16 00-0109 EA 3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	362.49 13.07	21.79
23 22 16 00-0110 EA 1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	398.21 13.94	23.23
23 22 16 00-0111 EA 1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	606.73 19.01	31.68
23 22 16 00-0112 EA 1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	620.82 23.24	38.69
23 22 16 00-0113 EA 2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap ..... <i>For Work In Restricted Working Space, Add</i>	1,206.82 34.86	58.09
<b>23 22 16 00-0114 Thermostatic Steam Traps (23 22 16 00-0085)</b>		
23 22 16 00-0115 EA 1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	102.72 12.55	20.91
23 22 16 00-0116 EA 3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	173.49 13.07	21.79
23 22 16 00-0117 EA 1" 25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	214.77 13.94	23.21
<b>23 22 16 00-0118 Thermodynamic Steam Traps (23 22 16 00-0085)</b>		
23 22 16 00-0119 EA 3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	230.38	18.83
23 22 16 00-0120 EA 1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	327.94	20.91
23 22 16 00-0121 EA 3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	407.11	21.79
23 22 16 00-0122 EA 1" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	546.51	23.21
<b>23 22 16 00-0123 Steam Moisture Separator (23 22 16 00-0085)</b>		
23 22 16 00-0124 EA 1" Steam Moisture Separator, Threaded .....	355.56	52.98
23 22 16 00-0125 EA 1-1/2" Steam Moisture Separator, Threaded .....	432.02	60.66
23 22 16 00-0126 EA 2" Steam Moisture Separator, Flanged.....	666.01	92.96
23 22 16 00-0127 EA 2-1/2" Steam Moisture Separator, Flanged.....	817.80	111.55
23 22 16 00-0128 EA 3" Steam Moisture Separator, Flanged.....	1,084.42	139.44
23 22 16 00-0129 EA 4" Steam Moisture Separator, Flanged.....	1,694.82	185.80
23 22 16 00-0130 EA 6" Steam Moisture Separator, Flanged.....	3,413.02	246.11

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 22 Steam And Condensate Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0131			<b>Steam/Condensate Meter</b> <sup>(23 22 16)</sup> Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0132	EA		1" Steam/Condensate Meter.....	3,440.37	37.17
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0133	EA		2" Steam/Condensate Meter.....	3,881.57	43.68
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0134	EA		2-1/2" Steam/Condensate Meter.....	4,116.74	54.21
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0135	EA		3" Steam/Condensate Meter.....	4,364.91	71.25
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0136	EA		4" Steam/Condensate Meter.....	4,866.07	83.95
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0137	EA		6" Steam/Condensate Meter.....	9,182.17	517.36
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0138	EA		8" Steam/Condensate Meter.....	9,470.46	548.53
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0139	EA		10" Steam/Condensate Meter.....	9,841.13	573.25
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0140	EA		12" Steam/Condensate Meter.....	10,260.15	610.30
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0141	EA		14" Steam/Condensate Meter.....	10,889.04	663.09
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
23 22 16 00-0142	EA		16" Steam/Condensate Meter.....	11,235.86	687.82
			For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
			For Direct Reading Pressure Gauge, Add	79.82	
			For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
			For Steam Meter Pressure-Compensated Counter, Add	1,220.00	
			For Contactor Used For Dial Counter, Add	567.00	
<b>23 22 23</b>			<b>Steam Condensate Pumps</b> <sup>(23 22)</sup>		
<b>23 22 23 13</b>			<b>Electric-Driven Steam Condensate Pumps</b> <sup>(23 22 23)</sup>		
23 22 23 13-0001			<b>Simplex Condensate Pumps And Motors</b> <sup>(23 22 23 13)</sup> Note: Cast iron receiver, float switch.		
23 22 23 13-0002			<b>20 PSI Discharge Pressure</b> <sup>(23 22 23 13-0001)</sup>		
23 22 23 13-0003	EA		3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	1,483.58	326.76
23 22 23 13-0004	EA		9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	1,941.06	335.74
23 22 23 13-0005	EA		15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	2,027.09	358.21
23 22 23 13-0006	EA		22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	2,245.86	362.07





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0007 EA 30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,514.02	394.16
23 22 23 13-0008 EA 37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,773.02	394.16
23 22 23 13-0009 EA 45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,826.75	421.12
23 22 23 13-0010 EA 60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,698.63	440.38
23 22 23 13-0011 EA 75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,740.52	459.64
<b>23 22 23 13-0012 30 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
23 22 23 13-0013 EA 3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	1,713.61	349.22
23 22 23 13-0014 EA 9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,273.09	358.21
23 22 23 13-0015 EA 15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,356.40	381.97
23 22 23 13-0016 EA 22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	2,736.90	412.77
23 22 23 13-0017 EA 30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,826.75	421.77
23 22 23 13-0018 EA 45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,931.21	436.53
23 22 23 13-0019 EA 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,046.52	459.64
23 22 23 13-0020 EA 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,712.46	489.16
<b>23 22 23 13-0021 40 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
23 22 23 13-0022 EA 3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	1,905.65	400.57
23 22 23 13-0023 EA 9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	2,450.13	432.67
23 22 23 13-0024 EA 22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	2,891.37	427.54
23 22 23 13-0025 EA 30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	3,911.21	436.53
23 22 23 13-0026 EA 45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	3,990.10	455.15
23 22 23 13-0027 EA 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,740.52	459.64
23 22 23 13-0028 EA 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,797.46	489.16
<b>23 22 23 13-0029 50 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
23 22 23 13-0030 EA 3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,723.00	433.96
23 22 23 13-0031 EA 9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	2,643.48	442.95
23 22 23 13-0032 EA 22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,063.26	446.16
23 22 23 13-0033 EA 30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,046.03	485.32
23 22 23 13-0034 EA 60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	6,482.81	523.19
<b>23 22 23 13-0035 Duplex Condensate Pumps And Motors</b> <small>(23 22 23 13)</small>		
Note: Cast iron receiver, float switch, alternator assembly.		
<b>23 22 23 13-0036 20 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>		
23 22 23 13-0037 EA 9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,489.42	438.46
23 22 23 13-0038 EA 15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,631.26	481.47
23 22 23 13-0039 EA 22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	2,892.03	485.32
23 22 23 13-0040 EA 30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,237.16	528.96
23 22 23 13-0041 EA 37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,596.16	528.96
23 22 23 13-0042 EA 45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	4,671.42	570.06
23 22 23 13-0043 EA 60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,565.94	595.09
23 22 23 13-0044 EA 75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,697.87	624.62

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 22 Steam And Condensate Piping And Pumps**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 22 23 13-0045		<b>30 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>			
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	3,264.77		472.47
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	3,409.54		516.13
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	3,777.58		503.29
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,671.42		570.06
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,802.52		591.24
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	5,497.87		624.62
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	5,765.28		669.56
23 22 23 13-0053		<b>40 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>			
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	3,524.81		557.21
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	3,906.68		582.25
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	4,814.52		591.24
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	4,947.47		620.77
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	5,698.87		624.62
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	5,789.28		669.56
23 22 23 13-0060		<b>50 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>			
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	3,690.81		557.21
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	3,979.62		612.42
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	5,038.87		665.07
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	8,937.32		720.27
23 23		<b>Refrigerant Piping</b> <small>(23 20)</small>			
23 23 13		<b>Refrigerant Piping Valves</b> <small>(23 23)</small>			
23 23 13 00-0001		<b>Ball Valves</b> <small>(23 23 13)</small>			
23 23 13 00-0002		<b>Refrigeration Ball Valves, Sweat, 1400 Series</b> <small>(23 23 13 00-0001)</small>			
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated .....	25.06		6.73
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated .....	26.14		6.73
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated .....	32.63		6.73
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated .....	43.75		7.40
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated .....	59.45		8.41
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated .....	94.88		10.36
23 23 13 00-0009		<b>Shut-Off Valves</b> <small>(23 23 13)</small>			
23 23 13 00-0010		<b>Packless</b> <small>(23 23 13 00-0009)</small>			
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless .....	29.46		7.25
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless .....	36.01		7.95
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless .....	70.07		10.88
23 23 13 00-0014		<b>Packed</b> <small>(23 23 13 00-0009)</small>			
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed .....	122.00		15.82
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed .....	161.82		19.38
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed .....	195.85		21.82
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed .....	275.43		24.89
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed .....	477.08		69.72
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed .....	622.96		87.15
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed .....	880.41		116.22
23 23 13 00-0022		<b>Check Valves</b> <small>(23 23 13)</small>			
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration .....	38.70		6.97
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration .....	107.79		7.67
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration .....	125.56		8.71
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration .....	168.05		9.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0027 EA 1-5/8" Check Valve, Refrigeration.....	218.57	10.74
23 23 13 00-0028 EA 2-1/8" Check Valve, Refrigeration.....	318.40	12.69
23 23 13 00-0029 EA 2-5/8" Check Valve, Refrigeration.....	446.32	18.62
23 23 13 00-0030 EA 3-1/8" Check Valve, Refrigeration.....	585.05	24.40
<b>23 23 13 00-0031 Solenoid Valves (23 23 13)</b>		
<b>23 23 13 00-0032 Solenoid Valve, 24 Volt Coil (23 23 13 00-0031)</b>		
23 23 13 00-0033 EA 1/2" Solenoid Valve, Refrigeration.....	88.47	6.97
23 23 13 00-0034 EA 5/8" Solenoid Valve, Refrigeration.....	90.39	6.97
23 23 13 00-0035 EA 3/4" Solenoid Valve, Refrigeration.....	112.72	7.67
23 23 13 00-0036 EA 7/8" Solenoid Valve, Refrigeration.....	112.72	7.67
23 23 13 00-0037 EA 1-1/8" Solenoid Valve, Refrigeration.....	155.61	8.71
23 23 13 00-0038 EA 1 3/8" Solenoid Valve, Refrigeration.....	244.97	9.28
23 23 13 00-0039 EA 1-5/8" Solenoid Valve, Refrigeration.....	438.63	10.74
23 23 13 00-0040 EA 2-1/8" Solenoid Valve, Refrigeration.....	448.38	12.69
<b>23 23 16 Refrigerant Piping Specialties (23 23)</b>		
<b>23 23 16 00-0001 Soft Refrigeration Copper Tubing (23 23 16)</b>		
Note: Based on outside diameter. Nitrogenized.		
23 23 16 00-0002 LF 1/8" Outside Diameter Soft Refrigeration Copper Tubing.....	3.10	1.89
23 23 16 00-0003 LF 3/16" Outside Diameter Soft Refrigeration Copper Tubing.....	3.15	1.89
23 23 16 00-0004 LF 1/4" Outside Diameter Soft Refrigeration Copper Tubing.....	3.20	1.89
23 23 16 00-0005 LF 5/16" Outside Diameter Soft Refrigeration Copper Tubing.....	3.39	1.89
23 23 16 00-0006 LF 3/8" Outside Diameter Soft Refrigeration Copper Tubing.....	3.50	1.96
23 23 16 00-0007 LF 1/2" Outside Diameter Soft Refrigeration Copper Tubing.....	3.97	2.09
23 23 16 00-0008 LF 5/8" Outside Diameter Soft Refrigeration Copper Tubing.....	4.25	2.09
23 23 16 00-0009 LF 3/4" Outside Diameter Soft Refrigeration Copper Tubing.....	4.97	2.44
23 23 16 00-0010 LF 7/8" Outside Diameter Soft Refrigeration Copper Tubing.....	5.90	2.58
23 23 16 00-0011 LF 1-1/8" Outside Diameter Soft Refrigeration Copper Tubing.....	7.58	3.14
23 23 16 00-0012 LF 1-3/8" Outside Diameter Soft Refrigeration Copper Tubing.....	10.46	3.63
23 23 16 00-0013 LF 1-5/8" Outside Diameter Soft Refrigeration Copper Tubing.....	12.17	3.90
<b>23 23 16 00-0014 Type L Drawn, ACR Copper Tubing (23 23 16)</b>		
Note: Nitrogenized.		
23 23 16 00-0015 LF 3/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	3.57	1.89
For Medical Applications "Oxygen Clean", Add		0.32
23 23 16 00-0016 LF 1/2" Outside Diameter Type L Drawn, ACR Copper Tubing.....	3.94	1.89
For Medical Applications "Oxygen Clean", Add		0.34
23 23 16 00-0017 LF 5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	4.17	1.89
For Medical Applications "Oxygen Clean", Add		0.35
23 23 16 00-0018 LF 3/4" Outside Diameter Type L Drawn, ACR Copper Tubing.....	6.20	2.92
For Medical Applications "Oxygen Clean", Add		0.53
23 23 16 00-0019 LF 7/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	6.75	3.14
For Medical Applications "Oxygen Clean", Add		0.57
23 23 16 00-0020 LF 1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	7.67	3.14
For Medical Applications "Oxygen Clean", Add		0.62
23 23 16 00-0021 LF 1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	9.46	3.63
For Medical Applications "Oxygen Clean", Add		0.75
23 23 16 00-0022 LF 1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	11.36	4.18
For Medical Applications "Oxygen Clean", Add		0.88
23 23 16 00-0023 LF 2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	15.84	5.23
For Medical Applications "Oxygen Clean", Add		1.18
23 23 16 00-0024 LF 2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	23.77	7.88
For Medical Applications "Oxygen Clean", Add		1.78
23 23 16 00-0025 LF 3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	30.59	9.76
For Medical Applications "Oxygen Clean", Add		2.26
23 23 16 00-0026 LF 3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	37.65	11.17
For Medical Applications "Oxygen Clean", Add		2.72
23 23 16 00-0027 LF 4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing.....	47.13	13.95
For Medical Applications "Oxygen Clean", Add		3.40
<b>23 23 16 00-0028 Refrigeration Fittings (23 23 16)</b>		
<b>23 23 16 00-0029 Brass Flare Fittings (23 23 16 00-0028)</b>		
<b>23 23 16 00-0030 Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0031 EA 3/8" Brass Flare Union.....	12.52	7.27
23 23 16 00-0032 EA 1/2" Brass Flare Union.....	12.52	7.27
23 23 16 00-0033 EA 5/8" Brass Flare Union.....	12.95	7.27
<b>23 23 16 00-0034 90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0035 EA 3/8" 90 Degree Brass Flare Elbow Union.....	12.78	7.27
23 23 16 00-0036 EA 1/2" 90 Degree Brass Flare Elbow Union.....	12.78	7.27
23 23 16 00-0037 EA 5/8" 90 Degree Brass Flare Elbow Union.....	14.21	7.27

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 23 Refrigerant Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 23 16 00-0038 Brass Flare Tees</b> (23 23 16 00-0029)		
23 23 16 00-0039 EA 3/8" Brass Flare Tee .....	20.63	12.12
23 23 16 00-0040 EA 1/2" Brass Flare Tee .....	21.27	12.12
23 23 16 00-0041 EA 5/8" Brass Flare Tee .....	24.75	12.12
<b>23 23 16 00-0042 Male Connector, Half Brass Flare Unions</b> (23 23 16 00-0029)		
23 23 16 00-0043 EA 3/8" Brass Flare Male Connector, Half Union .....	11.35	7.27
23 23 16 00-0044 EA 1/2" Brass Flare Male Connector, Half Union .....	11.77	7.27
23 23 16 00-0045 EA 5/8" Brass Flare Male Connector, Half Union .....	12.38	7.27
<b>23 23 16 00-0046 Female Connector, Half Brass Flare Unions</b> (23 23 16 00-0029)		
23 23 16 00-0047 EA 3/8" Brass Flare Female Connector, Half Union .....	11.90	7.27
23 23 16 00-0048 EA 1/2" Brass Flare Female Connector, Half Union .....	12.48	7.27
23 23 16 00-0049 EA 5/8" Brass Flare Female Connector, Half Union .....	12.48	7.27
<b>23 23 16 00-0050 Long Forged Nuts</b> (23 23 16 00-0029)		
23 23 16 00-0051 EA 3/8" Brass Long Forged Nut .....	11.61	7.27
23 23 16 00-0052 EA 1/2" Brass Long Forged Nut .....	11.77	7.27
23 23 16 00-0053 EA 5/8" Brass Long Forged Nut .....	13.63	7.27
<b>23 23 16 00-0054 Short Forged Nuts</b> (23 23 16 00-0029)		
23 23 16 00-0055 EA 3/8" Brass Short Forged Nut .....	11.37	7.27
23 23 16 00-0056 EA 1/2" Brass Short Forged Nut .....	11.75	7.27
23 23 16 00-0057 EA 5/8" Brass Short Forged Nut .....	11.83	7.27
<b>23 23 16 00-0058 ACR Wrought Copper Fittings</b> (23 23 16 00-0028)		
Note: Soldered.		
<b>23 23 16 00-0059 ACR Wrought Copper Coupling</b> (23 23 16 00-0058)		
Note: C x C		
23 23 16 00-0060 EA 1/4" ACR Wrought Copper Coupling .....	11.25	7.27
23 23 16 00-0061 EA 3/8" ACR Wrought Copper Coupling .....	11.18	7.27
23 23 16 00-0062 EA 1/2" ACR Wrought Copper Coupling .....	11.28	7.27
23 23 16 00-0063 EA 5/8" ACR Wrought Copper Coupling .....	12.19	7.88
23 23 16 00-0064 EA 3/4" ACR Wrought Copper Coupling .....	16.53	10.39
23 23 16 00-0065 EA 7/8" ACR Wrought Copper Coupling .....	16.67	10.67
23 23 16 00-0066 EA 1-1/8" ACR Wrought Copper Coupling .....	21.24	13.25
23 23 16 00-0067 EA 1-3/8" ACR Wrought Copper Coupling .....	29.63	18.13
23 23 16 00-0068 EA 1-5/8" ACR Wrought Copper Coupling .....	35.15	21.27
23 23 16 00-0069 EA 2-1/8" ACR Wrought Copper Coupling .....	44.03	25.79
23 23 16 00-0070 EA 2-5/8" ACR Wrought Copper Coupling .....	70.89	39.19
23 23 16 00-0071 EA 3-1/8" ACR Wrought Copper Coupling .....	93.85	51.52
23 23 16 00-0072 EA 4-1/8" ACR Wrought Copper Coupling .....	129.48	61.21
<b>23 23 16 00-0073 ACR Wrought Copper Short Radius 90 Degree Elbows</b> (23 23 16 00-0058)		
Note: C x C		
23 23 16 00-0074 EA 1/4" ACR Wrought Copper Short Radius 90 Degree Elbow .....	12.17	7.27
23 23 16 00-0075 EA 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	12.24	7.27
23 23 16 00-0076 EA 1/2" ACR Wrought Copper Short Radius 90 Degree Elbow .....	12.17	7.27
23 23 16 00-0077 EA 5/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	13.38	7.88
23 23 16 00-0078 EA 3/4" ACR Wrought Copper Short Radius 90 Degree Elbow .....	18.40	10.39
23 23 16 00-0079 EA 7/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	18.75	10.67
23 23 16 00-0080 EA 1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	23.56	13.25
23 23 16 00-0081 EA 1-3/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	30.98	18.13
23 23 16 00-0082 EA 1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	37.82	21.27
23 23 16 00-0083 EA 2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	49.40	25.79
23 23 16 00-0084 EA 2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	80.26	39.19
23 23 16 00-0085 EA 3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	104.33	51.52
23 23 16 00-0086 EA 4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow .....	161.02	61.21
<b>23 23 16 00-0087 ACR Wrought Copper Long Radius 90 Degree Elbows</b> (23 23 16 00-0058)		
Note: C x C		
23 23 16 00-0088 EA 1/4" ACR Wrought Copper Long Radius 90 Degree Elbow .....	13.31	7.27
23 23 16 00-0089 EA 3/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	12.71	7.27
23 23 16 00-0090 EA 1/2" ACR Wrought Copper Long Radius 90 Degree Elbow .....	13.19	7.27
23 23 16 00-0091 EA 5/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	13.93	7.88
23 23 16 00-0092 EA 3/4" ACR Wrought Copper Long Radius 90 Degree Elbow .....	17.73	10.39
23 23 16 00-0093 EA 7/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	18.68	10.67
23 23 16 00-0094 EA 1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	24.19	13.25
23 23 16 00-0095 EA 1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	34.25	18.13
23 23 16 00-0096 EA 1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	41.39	21.27
23 23 16 00-0097 EA 2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	63.58	25.79
23 23 16 00-0098 EA 2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	98.20	39.19



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 23 16 00-0099	EA		3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	129.55	51.52
	23 23 16 00-0100	EA		4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow .....	231.80	61.21
<b>23 23 16 00-0101</b>	<b>ACR Wrought Copper 45 Degree Elbow (23 23 16 00-0058)</b>					
	Note: C x C					
	23 23 16 00-0102	EA		1/4" ACR Wrought Copper 45 Degree Elbow .....	14.15	7.27
	23 23 16 00-0103	EA		3/8" ACR Wrought Copper 45 Degree Elbow .....	13.31	7.27
	23 23 16 00-0104	EA		1/2" ACR Wrought Copper 45 Degree Elbow .....	12.96	7.27
	23 23 16 00-0105	EA		5/8" ACR Wrought Copper 45 Degree Elbow .....	12.69	7.88
	23 23 16 00-0106	EA		3/4" ACR Wrought Copper 45 Degree Elbow .....	19.29	10.39
	23 23 16 00-0107	EA		7/8" ACR Wrought Copper 45 Degree Elbow .....	17.45	10.67
	23 23 16 00-0108	EA		1-1/8" ACR Wrought Copper 45 Degree Elbow .....	23.55	13.25
	23 23 16 00-0109	EA		1-3/8" ACR Wrought Copper 45 Degree Elbow .....	32.16	18.13
	23 23 16 00-0110	EA		1-5/8" ACR Wrought Copper 45 Degree Elbow .....	37.89	21.27
	23 23 16 00-0111	EA		2-1/8" ACR Wrought Copper 45 Degree Elbow .....	48.62	25.79
	23 23 16 00-0112	EA		2-5/8" ACR Wrought Copper 45 Degree Elbow .....	80.00	39.19
	23 23 16 00-0113	EA		3-1/8" ACR Wrought Copper 45 Degree Elbow .....	106.96	51.52
	23 23 16 00-0114	EA		4-1/8" ACR Wrought Copper 45 Degree Elbow .....	155.01	61.21
<b>23 23 16 00-0115</b>	<b>ACR Wrought Copper Tee (23 23 16 00-0058)</b>					
	Note: C x C x C					
	23 23 16 00-0116	EA		1/4" ACR Wrought Copper Tee .....	20.79	12.12
	23 23 16 00-0117	EA		3/8" ACR Wrought Copper Tee .....	20.94	12.12
	23 23 16 00-0118	EA		1/2" ACR Wrought Copper Tee .....	20.40	12.12
	23 23 16 00-0119	EA		5/8" ACR Wrought Copper Tee .....	24.46	15.82
	23 23 16 00-0120	EA		3/4" ACR Wrought Copper Tee .....	28.73	15.82
	23 23 16 00-0121	EA		7/8" ACR Wrought Copper Tee .....	25.93	16.03
	23 23 16 00-0122	EA		1-1/8" ACR Wrought Copper Tee .....	37.76	21.27
	23 23 16 00-0123	EA		1-3/8" ACR Wrought Copper Tee .....	46.54	25.79
	23 23 16 00-0124	EA		1-5/8" ACR Wrought Copper Tee .....	58.08	30.60
	23 23 16 00-0125	EA		2-1/8" ACR Wrought Copper Tee .....	80.19	40.79
	23 23 16 00-0126	EA		2-5/8" ACR Wrought Copper Tee .....	171.84	89.03
	23 23 16 00-0127	EA		3-1/8" ACR Wrought Copper Tee .....	201.86	97.89
	23 23 16 00-0128	EA		4-1/8" ACR Wrought Copper Tee .....	296.43	108.76
<b>23 23 16 00-0129</b>	<b>ACR Wrought Copper Male Adapter (23 23 16 00-0058)</b>					
	Note: C x M					
	23 23 16 00-0130	EA		1/4" ACR Wrought Copper Male Adapter .....	14.98	7.27
	23 23 16 00-0131	EA		3/8" ACR Wrought Copper Male Adapter .....	16.31	7.27
	23 23 16 00-0132	EA		1/2" ACR Wrought Copper Male Adapter .....	14.10	7.27
<b>23 23 16 00-0133</b>	<b>ACR Wrought Copper Female Adapter (23 23 16 00-0058)</b>					
	Note: C x F					
	23 23 16 00-0134	EA		1/4" ACR Wrought Copper Female Adapter .....	14.45	7.27
	23 23 16 00-0135	EA		3/8" ACR Wrought Copper Female Adapter .....	13.69	7.27
	23 23 16 00-0136	EA		1/2" ACR Wrought Copper Female Adapter .....	13.98	7.27
<b>23 23 16 00-0137</b>	<b>ACR Wrought Copper Cap (23 23 16 00-0058)</b>					
	Note: C					
	23 23 16 00-0138	EA		1/4" ACR Wrought Copper Cap .....	7.88	4.85
	23 23 16 00-0139	EA		3/8" ACR Wrought Copper Cap .....	7.64	4.85
	23 23 16 00-0140	EA		1/2" ACR Wrought Copper Cap .....	7.88	4.85
<b>23 23 16 00-0141</b>	<b>ACR Wrought Copper P-Trap (23 23 16 00-0058)</b>					
	23 23 16 00-0142	EA		5/8" ACR Wrought Copper P-Trap .....	37.64	6.42
	23 23 16 00-0143	EA		3/4" ACR Wrought Copper P-Trap .....	48.57	7.06
	23 23 16 00-0144	EA		7/8" ACR Wrought Copper P-Trap .....	45.99	7.06
	23 23 16 00-0145	EA		1-1/8" ACR Wrought Copper P-Trap .....	59.09	7.70
	23 23 16 00-0146	EA		1-3/8" ACR Wrought Copper P-Trap .....	100.53	7.70
	23 23 16 00-0147	EA		1-5/8" ACR Wrought Copper P-Trap .....	135.36	8.35
	23 23 16 00-0148	EA		2-1/8" ACR Wrought Copper P-Trap .....	222.79	8.99
<b>23 23 16 00-0149</b>	<b>Sight Glass With Moisture And Liquid Indicator, Solder Connection (23 23 16)</b>					
	23 23 16 00-0150	EA		1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	33.23	9.63
	23 23 16 00-0151	EA		3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	40.25	11.55
	23 23 16 00-0152	EA		1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	48.51	14.13
	23 23 16 00-0153	EA		5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	53.53	16.05
	23 23 16 00-0154	EA		7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	71.78	20.55
	23 23 16 00-0155	EA		1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	83.41	25.04
	23 23 16 00-0156	EA		1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	126.37	29.53
	23 23 16 00-0157	EA		1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	156.94	40.45
	23 23 16 00-0158	EA		2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	192.90	50.07

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 20 HVAC Piping And Pumps****23 23 Refrigerant Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0159			<b>Filter Driers, Solder Connections</b> <small>(23 23 16)</small>		
23 23 16 00-0160			<b>Replaceable Core Type Filter Driers, Solder Connections</b> <small>(23 23 16 00-0159)</small>		
23 23 16 00-0161	EA		5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	281.34	5.78
23 23 16 00-0162	EA		7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	286.09	7.06
23 23 16 00-0163	EA		1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	366.12	7.06
23 23 16 00-0164	EA		1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	367.90	7.70
23 23 16 00-0165	EA		1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	412.39	8.35
23 23 16 00-0166	EA		2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	468.99	8.99
23 23 16 00-0167	EA		2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	548.96	9.63
23 23 16 00-0168	EA		3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	685.39	9.63
23 23 16 00-0169			<b>Sealed In-Line Filter Driers, Solder Connections</b> <small>(23 23 16 00-0159)</small>		
23 23 16 00-0170	EA		1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections.....	50.09	5.78
23 23 16 00-0171	EA		3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections.....	64.00	5.78
23 23 16 00-0172	EA		1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections.....	81.49	6.42
23 23 16 00-0173	EA		1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections .....	93.90	6.42
23 23 16 00-0174	EA		5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections.....	103.54	6.42
23 23 16 00-0175	EA		5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections.....	117.69	6.42
23 23 16 00-0176	EA		7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections.....	132.66	7.06
23 23 16 00-0177	EA		7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections .....	188.74	7.06
23 23 16 00-0178	EA		1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections .....	206.50	7.06
23 23 16 00-0179			<b>Bi-Flow Filter Driers, Solder Connections</b> <small>(23 23 16 00-0159)</small>		
23 23 16 00-0180	EA		1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	67.64	5.78
23 23 16 00-0181	EA		3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	76.50	5.78
23 23 16 00-0182	EA		1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	91.71	6.42
23 23 16 00-0183	EA		3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	81.46	5.78
23 23 16 00-0184	EA		1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	101.94	6.42
23 23 16 00-0185	EA		5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	119.44	6.42
23 23 16 00-0186			<b>Refrigerant Compressor Discharge Mufflers</b> <small>(23 23 16)</small>		
23 23 16 00-0187	EA		3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler.....	62.34	5.78
23 23 16 00-0188	EA		1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler.....	68.88	5.78
23 23 16 00-0189	EA		5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler.....	82.86	5.78
23 23 16 00-0190	EA		7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler .....	111.38	7.06
23 23 16 00-0191	EA		1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler .....	145.69	7.06
23 23 16 00-0192	EA		1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler .....	173.29	7.70
23 23 16 00-0193	EA		1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler .....	219.26	8.35
23 23 16 00-0194	EA		2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler .....	391.38	8.99
23 23 16 00-0195	EA		2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler .....	440.17	9.63
23 23 16 00-0196	EA		3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler .....	545.24	9.63
23 23 16 00-0197			<b>Expansion Valves And Vibration Absorbers</b> <small>(23 23 16)</small>		
23 23 16 00-0198			<b>Thermostatic Expansion Valves</b> <small>(23 23 16 00-0197)</small>		
			Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA		3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve .....	127.71	5.78
23 23 16 00-0200	EA		1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve .....	177.69	6.42
23 23 16 00-0201	EA		5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve .....	298.01	6.42
23 23 16 00-0202	EA		7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve .....	353.49	7.06
23 23 16 00-0203	EA		7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve .....	385.59	7.06
23 23 16 00-0204			<b>Electric Expansion Valves</b> <small>(23 23 16 00-0197)</small>		
			Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA		1/2 To 11 Ton Electric Expansion Valve .....	251.03	8.02
			Note: Sporlan SEI.		
23 23 16 00-0206	EA		25 Ton Electric Expansion Valve .....	288.03	8.35
			Note: Sporlan SEI.		
23 23 16 00-0207	EA		50 Ton Electric Expansion Valve .....	325.19	8.67
			Note: Sporlan SEI.		
23 23 16 00-0208	EA		100 Ton Electric Expansion Valve .....	387.17	8.67
			Note: Sporlan SEH.		
23 23 16 00-0209	EA		175 Ton Electric Expansion Valve .....	434.40	8.99
			Note: Sporlan SEH.		
23 23 16 00-0210			<b>Braided Stainless Steel Over Copper Vibration Absorber</b> <small>(23 23 16 00-0197)</small>		
23 23 16 00-0211	EA		1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	33.97	8.35
23 23 16 00-0212	EA		3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	34.78	9.63
23 23 16 00-0213	EA		1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	44.88	12.20
23 23 16 00-0214	EA		5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	48.75	14.76
23 23 16 00-0215	EA		3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	57.61	17.97
23 23 16 00-0216	EA		7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	66.51	20.55
23 23 16 00-0217	EA		1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	94.66	7.70
23 23 16 00-0218	EA		1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	131.80	8.35



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0219 EA 1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	163.65	8.35
23 23 16 00-0220 EA 2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	221.27	8.99
23 23 16 00-0221 EA 2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	373.11	9.63
23 23 16 00-0222 EA 3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	487.84	9.63
<b>23 23 16 00-0223 Accumulator, Refrigerant Suction Line (23 23 16)</b>		
23 23 16 00-0224 EA 3/4" Accumulator, Refrigeration Suction Line .....	109.24	29.20
23 23 16 00-0225 EA 7/8" Accumulator, Refrigeration Suction Line .....	148.20	40.12
23 23 16 00-0226 EA 1-1/8" Accumulator, Refrigeration Suction Line .....	178.11	53.47
23 23 16 00-0227 EA 1 3/8" Accumulator, Refrigeration Suction Line .....	248.22	64.19
23 23 16 00-0228 EA 1-5/8" Accumulator, Refrigeration Suction Line .....	340.08	80.25
23 23 16 00-0229 EA 2-1/8" Accumulator, Refrigeration Suction Line .....	513.48	107.02
<b>23 23 16 00-0230 Special Chemicals/Component (23 23 16)</b>		
23 23 16 00-0231 GAL Special Chemical, Inhibited Propylene Glycol, 100% .....	20.85	
23 23 16 00-0232 GAL Remove/Store For Reuse Inhibited Propylene Glycol .....	4.98	
23 23 16 00-0233 GAL Special Chemical, Inhibited Ethylene Glycol, 100% .....	14.25	
23 23 16 00-0234 EA Internal Coil/Refrigerant Piping Flush .....	183.27	
Note: Up to 10 ton AC system.		
<b>23 23 23 Refrigerants (23 23)</b>		
<b>23 23 23 00-0001 Refrigerant (23 23 23)</b>		
23 23 23 00-0002 LB Refrigerant R-113 .....	28.31	
23 23 23 00-0003 LB Refrigerant R-123 .....	26.38	
23 23 23 00-0004 LB Refrigerant R-134A .....	9.94	
23 23 23 00-0005 LB Refrigerant R-410A .....	10.23	
23 23 23 00-0006 LB Refrigerant R-502 .....	37.20	
<b>23 25 HVAC Water Treatment (23 20)</b>		
<b>23 25 13 Water Treatment For Closed-Loop Hydronic Systems (23 25)</b>		
<b>23 25 13 00-0001 Polyethylene Chemical Storage Tanks (23 25 13)</b>		
23 25 13 00-0002 EA 15 Gallon Chemical Storage Tank, Polyethylene .....	161.77	53.62
<b>23 25 13 00-0003 Gas Chlorinator (23 25 13)</b>		
23 25 13 00-0004 EA Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	805.41	235.55
For Booster Pump, Add		282.33
23 25 13 00-0005 EA Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	919.88	269.20
For Booster Pump, Add		322.67
23 25 13 00-0006 EA Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	1,349.81	203.92
For Booster Pump, Add		409.23
<b>23 25 13 00-0007 Bypass Shot Feeders (23 25 13)</b>		
Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
<b>23 25 13 00-0008 In Line Mount, 125 PSIG (23 25 13 00-0007)</b>		
23 25 13 00-0009 EA 1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG .....	689.38	181.67
<b>23 25 13 00-0010 Floor Mount, 175 PSIG (23 25 13 00-0007)</b>		
23 25 13 00-0011 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG .....	1,004.10	273.47
23 25 13 00-0012 EA 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG .....	1,321.08	362.07
<b>23 25 13 00-0013 Floor Mount, 150 LB ASME Code (23 25 13 00-0007)</b>		
23 25 13 00-0014 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code .....	1,004.10	273.47
23 25 13 00-0015 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code .....	1,321.08	362.07
<b>23 25 13 00-0016 Floor Mount, 300 LB ASME Code (23 25 13 00-0007)</b>		
23 25 13 00-0017 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code .....	1,371.34	273.47
23 25 13 00-0018 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code .....	1,702.39	362.07
<b>23 30 HVAC Air Distribution (23)</b>		
<b>23 31 HVAC Ducts And Casings (23 30)</b>		
Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0422 for angle iron, 23 05 29 00-0001 for threaded rod.		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**23 31 13 Metal Ducts** (23 31)**23 31 13 13 Rectangular Metal Ducts** (23 31 13)

23 31 13 13-001	<b>Steel Sheet Metal Duct</b> (23 31 13 13)		
	Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.		
23 31 13 13-002	<b>Galvanized Steel Sheet Metal Ductwork</b> (23 31 13 13-0001)		
	Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc. Pressure class 2" w.g. and less are considered low pressure/seal class C; pressure class 3" w.g. and less are considered medium pressure/seal class B; pressure class 4" w.g. and larger are considered high pressure/seal class A. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. Field fabricated ductwork is fabricated by hand to fit unique designs and installed on site. SMACNA weight for ductwork LB/SF (surface areas) by gauge: 30 gauge - 0.656 LB/SF; 28 gauge - 0.781 LB/SF; 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF; Add 10% additional material for lappage. The gauge of sheet metal is determined by the dimensional opening. Use the following to determine the minimum gauge of low pressure rectangular sheet metal ductwork unless otherwise stated by owner or drawings. The largest dimension of duct governs the gauge: up to 12" - 26 gauge, 13" to 30" - 24 gauge, 31" to 54" - 22 gauge, 55" to 84" - 20 gauge, 85" and larger - 18 gauge. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0003	LB Sheet Metal Ductwork, Low Pressure, Field Fabricated, Galvanized, Field Assemble And Install .....	6.63	1.69
	For >2,000 To 5,000, Add	0.25	
	For Flat Oval, Add	0.17	
	For >200 To 500, Add	1.47	
	For Up To 200, Add	2.32	
	For Work In Restricted Working Space, Add	1.66	
	For >500 To 1,000, Add	1.01	
	For >1,000 To 2,000, Add	0.56	
23 31 13 13-0004	LB Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install .....	7.53	1.97
	For >2,000 To 5,000, Add	0.29	
	For Flat Oval, Add	0.18	
	For >200 To 500, Add	1.65	
	For Up To 200, Add	2.61	
	For Work In Restricted Working Space, Add	1.91	
	For >500 To 1,000, Add	1.14	
	For >1,000 To 2,000, Add	0.64	
23 31 13 13-0005	LB Sheet Metal Ductwork, High Pressure, Field Fabricated, Galvanized, Field Assemble And Install.....	8.98	2.24
	For >2,000 To 5,000, Add	0.35	
	For Flat Oval, Add	0.19	
	For >200 To 500, Add	1.93	
	For Up To 200, Add	3.08	
	For Work In Restricted Working Space, Add	2.31	
	For >500 To 1,000, Add	1.35	
	For >1,000 To 2,000, Add	0.76	
23 31 13 13-0006	LB Sheet Metal Ductwork, Low Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	4.54	1.69
	For >2,000 To 5,000, Add	0.16	
	For Flat Oval, Add	0.26	
	For >200 To 500, Add	1.25	
	For Polyvinyl Chloride (PVC) Coated, Add	0.35	
	For Up To 200, Add	1.88	
	For Work In Restricted Working Space, Add	0.84	
	For >500 To 1,000, Add	0.76	
	For >1,000 To 2,000, Add	0.42	
23 31 13 13-0007	LB Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	5.30	1.97
	For >2,000 To 5,000, Add	0.19	
	For Flat Oval, Add	0.32	
	For >200 To 500, Add	1.49	
	For Polyvinyl Chloride (PVC) Coated, Add	0.43	
	For Up To 200, Add	2.23	
	For Work In Restricted Working Space, Add	0.95	
	For >500 To 1,000, Add	0.89	
	For >1,000 To 2,000, Add	0.49	
23 31 13 13-0008	LB Sheet Metal Ductwork, High Pressure, Shop Fabricated, Galvanized, Field Assemble And Install .....	6.45	2.24
	For >2,000 To 5,000, Add	0.23	
	For Flat Oval, Add	0.39	
	For >200 To 500, Add	1.81	
	For Polyvinyl Chloride (PVC) Coated, Add	0.52	
	For Up To 200, Add	2.72	
	For Work In Restricted Working Space, Add	1.15	
	For >500 To 1,000, Add	1.09	
	For >1,000 To 2,000, Add	0.59	
23 31 13 13-0009	<b>Aluminum Sheet Metal Duct Alloy 3003-H14</b> (23 31 13 13)		
	Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 13-0010	LB Aluminum Sheet Metal Ductwork, Low Pressure, Alloy 3003-H14.....	10.85	1.69
	For >2,000 To 5,000, Add	0.42	
	For >1,000 To 2,000, Add	0.91	
	For >200 To 500, Add	2.28	
	For Up To 200 LB, Add	3.65	
	For >500 To 1,000, Add	1.61	
	For Work In Restricted Working Space, Add	2.87	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	23 30
HVAC Ducts And Casings	23 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 31 13 13-0011</b> <b>Stainless Steel Sheet Metal Duct Type 304</b> <small>(23 31 13 13)</small>		
Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 13-0012     LB     Stainless Steel Sheet Metal Ductwork, Low Pressure, Type 304 .....	11.79	2.24
For >2,000 To 5,000, Add	0.43	
For >1,000 To 2,000, Add	1.07	
For Type 316 Stainless Steel, Add	0.42	
For >200 To 500, Add	3.16	
For Welded Seams, Add	4.03	
For Up To 200 LB, Add	4.78	
For >500 To 1,000, Add	1.94	
For Work In Restricted Working Space, Add	2.29	
23 31 13 13-0013     LB     Stainless Steel Sheet Metal Ductwork, Medium Pressure, Type 304 .....	13.51	2.81
For >2,000 To 5,000, Add	0.49	
For >1,000 To 2,000, Add	1.22	
For Type 316 Stainless Steel, Add	0.48	
For >200 To 500, Add	3.63	
For Welded Seams, Add	4.60	
For Up To 200 LB, Add	5.49	
For >500 To 1,000, Add	2.23	
For Work In Restricted Working Space, Add	2.62	
23 31 13 13-0014     LB     Stainless Steel Sheet Metal Ductwork, High Pressure, Type 304.....	16.47	3.37
For >2,000 To 5,000, Add	0.60	
For >1,000 To 2,000, Add	1.49	
For Type 316 Stainless Steel, Add	0.58	
For >200 To 500, Add	4.41	
For Welded Seams, Add	5.63	
For Up To 200 LB, Add	6.68	
For >500 To 1,000, Add	2.71	
For Work In Restricted Working Space, Add	3.20	
<b>23 31 13 16</b> <b>Round and Flat-Oval Spiral Ducts</b> <small>(23 31 13)</small>		
<b>23 31 13 16-0001</b> <b>Factory Fabricated Field Installed Low Pressure Round Duct</b> <small>(23 31 13 16)</small>		
Note: Based on 26 gauge.		
<b>23 31 13 16-0002</b> <b>26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Ducts</b> <small>(23 31 13 16-0001)</small>		
Note: Includes straps and supports.		
23 31 13 16-0003     LF     4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	4.54	1.50
For 22 Gauge, Add	0.40	
For 24 Gauge, Add	0.20	
For 18 Gauge, Add	0.80	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.08	
For 28 Gauge, Deduct	-0.20	
For Work In Restricted Working Space, Add	0.92	
For 20 Gauge, Add	0.60	
For 16 Gauge, Add	0.99	
For Acid Resistant Asphaltum Coating, Add	3.76	
23 31 13 16-0004     LF     5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	5.29	1.70
For 22 Gauge, Add	0.52	
For 24 Gauge, Add	0.26	
For 18 Gauge, Add	1.03	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.38	
For 28 Gauge, Deduct	-0.26	
For Acid Resistant Asphaltum Coating, Add	4.20	
For Work In Restricted Working Space, Add	1.03	
For 20 Gauge, Add	0.77	
For 16 Gauge, Add	1.26	
23 31 13 16-0005     LF     6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	5.98	2.05
For 22 Gauge, Add	0.59	
For 24 Gauge, Add	0.30	
For 18 Gauge, Add	1.18	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.58	
For Acid Resistant Asphaltum Coating, Add	4.64	
For 28 Gauge, Deduct	-0.30	
For Work In Restricted Working Space, Add	1.15	
For 20 Gauge, Add	0.89	
For 16 Gauge, Add	1.44	
23 31 13 16-0006     LF     7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	6.91	2.39
For 22 Gauge, Add	0.69	
For 24 Gauge, Add	0.35	
For 18 Gauge, Add	1.39	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.86	
For 28 Gauge, Deduct	-0.35	
For Work In Restricted Working Space, Add	1.32	
For 20 Gauge, Add	1.04	
For 16 Gauge, Add	1.70	
For Acid Resistant Asphaltum Coating, Add	5.08	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0007	LF	8"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	7.93	2.73
			<i>For 22 Gauge, Add</i>	0.77	
			<i>For 24 Gauge, Add</i>	0.39	
			<i>For 18 Gauge, Add</i>	1.55	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.08	
			<i>For 28 Gauge, Deduct</i>	-0.39	
			<i>For Work In Restricted Working Space, Add</i>	1.54	
			<i>For 20 Gauge, Add</i>	1.16	
			<i>For 16 Gauge, Add</i>	1.90	
			<i>For Acid Resistant Asphaltum Coating, Add</i>	5.52	
23 31 13 16-0008	LF	10"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	9.61	3.42
			<i>For 22 Gauge, Add</i>	0.95	
			<i>For 24 Gauge, Add</i>	0.48	
			<i>For 18 Gauge, Add</i>	1.90	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.56	
			<i>For Acid Resistant Asphaltum Coating, Add</i>	6.40	
			<i>For 28 Gauge, Deduct</i>	-0.48	
			<i>For Work In Restricted Working Space, Add</i>	1.85	
			<i>For 20 Gauge, Add</i>	1.43	
			<i>For 16 Gauge, Add</i>	2.34	
23 31 13 16-0009	LF	12"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	11.93	4.58
			<i>For Acid Resistant Asphaltum Coating, Add</i>	6.90	
			<i>For 22 Gauge, Add</i>	1.17	
			<i>For 24 Gauge, Add</i>	0.59	
			<i>For 18 Gauge, Add</i>	2.34	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.15	
			<i>For 28 Gauge, Deduct</i>	-0.59	
			<i>For Work In Restricted Working Space, Add</i>	2.30	
			<i>For 20 Gauge, Add</i>	1.76	
			<i>For 16 Gauge, Add</i>	2.87	
23 31 13 16-0010	LF	14"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	14.55	6.83
			<i>For 22 Gauge, Add</i>	1.36	
			<i>For 24 Gauge, Add</i>	0.68	
			<i>For 18 Gauge, Add</i>	2.72	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.66	
			<i>For Acid Resistant Asphaltum Coating, Add</i>	7.26	
			<i>For 28 Gauge, Deduct</i>	-0.68	
			<i>For Work In Restricted Working Space, Add</i>	2.88	
			<i>For 20 Gauge, Add</i>	2.05	
			<i>For 16 Gauge, Add</i>	3.33	
23 31 13 16-0011	LF	16"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct .....	20.13	9.16
			<i>For 22 Gauge, Add</i>	2.02	
			<i>For 24 Gauge, Add</i>	1.01	
			<i>For 18 Gauge, Add</i>	4.03	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.42	
			<i>For Acid Resistant Asphaltum Coating, Add</i>	7.58	
			<i>For 28 Gauge, Deduct</i>	-1.01	
			<i>For Work In Restricted Working Space, Add</i>	3.84	
			<i>For 20 Gauge, Add</i>	3.03	
			<i>For 16 Gauge, Add</i>	4.94	
23 31 13 16-0012			<b>26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbows</b> <small>(23 31 13 16-0001)</small>		
			Note: Up to 90 degree.		
23 31 13 16-0013	EA	4"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow .....	25.14	9.12
			<i>For 22 Gauge, Add</i>	1.90	
			<i>For 24 Gauge, Add</i>	0.95	
			<i>For 18 Gauge, Add</i>	3.80	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.11	
			<i>For 28 Gauge, Deduct</i>	-0.96	
			<i>For Work In Restricted Working Space, Add</i>	5.47	
			<i>For 20 Gauge, Add</i>	2.86	
			<i>For 16 Gauge, Add</i>	4.66	
23 31 13 16-0014	EA	5"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow .....	28.55	10.52
			<i>For 22 Gauge, Add</i>	2.07	
			<i>For 24 Gauge, Add</i>	1.04	
			<i>For 18 Gauge, Add</i>	4.13	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.56	
			<i>For 28 Gauge, Deduct</i>	-1.04	
			<i>For Work In Restricted Working Space, Add</i>	6.31	
			<i>For 20 Gauge, Add</i>	3.11	
			<i>For 16 Gauge, Add</i>	5.07	
23 31 13 16-0015	EA	6"	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow .....	33.31	12.43
			<i>For 22 Gauge, Add</i>	2.33	
			<i>For 24 Gauge, Add</i>	1.16	
			<i>For 18 Gauge, Add</i>	4.64	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.25	
			<i>For 28 Gauge, Deduct</i>	-1.17	
			<i>For Work In Restricted Working Space, Add</i>	7.46	
			<i>For 20 Gauge, Add</i>	3.49	
			<i>For 16 Gauge, Add</i>	5.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0016 EA 7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	42.34	15.98
<i>For 22 Gauge, Add</i>	2.86	
<i>For 24 Gauge, Add</i>	1.43	
<i>For 18 Gauge, Add</i>	5.70	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.67	
<i>For 28 Gauge, Deduct</i>	-1.44	
<i>For Work In Restricted Working Space, Add</i>	9.59	
<i>For 20 Gauge, Add</i>	4.29	
<i>For 16 Gauge, Add</i>	7.00	
23 31 13 16-0017 EA 8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	50.15	19.46
<i>For 22 Gauge, Add</i>	3.09	
<i>For 24 Gauge, Add</i>	1.55	
<i>For 18 Gauge, Add</i>	6.17	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.30	
<i>For 28 Gauge, Deduct</i>	-1.55	
<i>For Work In Restricted Working Space, Add</i>	11.68	
<i>For 20 Gauge, Add</i>	4.64	
<i>For 16 Gauge, Add</i>	7.57	
23 31 13 16-0018 EA 10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	75.59	30.40
<i>For 22 Gauge, Add</i>	4.07	
<i>For 24 Gauge, Add</i>	2.04	
<i>For 18 Gauge, Add</i>	8.13	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	10.94	
<i>For 28 Gauge, Deduct</i>	-2.05	
<i>For Work In Restricted Working Space, Add</i>	18.24	
<i>For 20 Gauge, Add</i>	6.12	
<i>For 16 Gauge, Add</i>	9.98	
23 31 13 16-0019 EA 12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	104.07	42.01
<i>For 22 Gauge, Add</i>	5.52	
<i>For 24 Gauge, Add</i>	2.77	
<i>For 18 Gauge, Add</i>	11.02	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	14.83	
<i>For 28 Gauge, Deduct</i>	-2.78	
<i>For Work In Restricted Working Space, Add</i>	25.21	
<i>For 20 Gauge, Add</i>	8.30	
<i>For 16 Gauge, Add</i>	13.53	
23 31 13 16-0020 EA 14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	130.11	49.70
<i>For 22 Gauge, Add</i>	8.46	
<i>For 24 Gauge, Add</i>	4.24	
<i>For 18 Gauge, Add</i>	16.90	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.73	
<i>For 28 Gauge, Deduct</i>	-4.25	
<i>For Work In Restricted Working Space, Add</i>	29.82	
<i>For 20 Gauge, Add</i>	12.72	
<i>For 16 Gauge, Add</i>	20.74	
23 31 13 16-0021 EA 16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	153.32	54.65
<i>For 22 Gauge, Add</i>	12.13	
<i>For 24 Gauge, Add</i>	6.07	
<i>For 18 Gauge, Add</i>	24.21	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.57	
<i>For 28 Gauge, Deduct</i>	-6.10	
<i>For Work In Restricted Working Space, Add</i>	32.79	
<i>For 20 Gauge, Add</i>	18.22	
<i>For 16 Gauge, Add</i>	29.71	
<b>23 31 13 16-0022 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbows</b> <small>(23 31 13 16-0001)</small>		
23 31 13 16-0023 EA 4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	21.17	6.15
<i>For 22 Gauge, Add</i>	1.60	
<i>For 24 Gauge, Add</i>	0.80	
<i>For 18 Gauge, Add</i>	3.19	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.29	
<i>For 28 Gauge, Deduct</i>	-0.80	
<i>For Work In Restricted Working Space, Add</i>	4.61	
<i>For 20 Gauge, Add</i>	2.40	
<i>For 16 Gauge, Add</i>	3.92	
23 31 13 16-0024 EA 5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	24.18	7.04
<i>For 22 Gauge, Add</i>	1.82	
<i>For 24 Gauge, Add</i>	0.91	
<i>For 18 Gauge, Add</i>	3.64	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.89	
<i>For 28 Gauge, Deduct</i>	-0.92	
<i>For Work In Restricted Working Space, Add</i>	5.27	
<i>For 20 Gauge, Add</i>	2.74	
<i>For 16 Gauge, Add</i>	4.46	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 16-0025	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		28.02	8.20
		<i>For 22 Gauge, Add</i>		2.07	
		<i>For 24 Gauge, Add</i>		1.04	
		<i>For 18 Gauge, Add</i>		4.14	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		5.57	
		<i>For 28 Gauge, Deduct</i>		-1.04	
		<i>For Work In Restricted Working Space, Add</i>		6.15	
		<i>For 20 Gauge, Add</i>		3.12	
		<i>For 16 Gauge, Add</i>		5.08	
23 31 13 16-0026	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		32.57	9.83
		<i>For 22 Gauge, Add</i>		2.20	
		<i>For 24 Gauge, Add</i>		1.10	
		<i>For 18 Gauge, Add</i>		4.38	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		5.90	
		<i>For 28 Gauge, Deduct</i>		-1.10	
		<i>For Work In Restricted Working Space, Add</i>		7.38	
		<i>For 20 Gauge, Add</i>		3.30	
		<i>For 16 Gauge, Add</i>		5.38	
23 31 13 16-0027	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		40.00	12.29
		<i>For 22 Gauge, Add</i>		2.55	
		<i>For 24 Gauge, Add</i>		1.28	
		<i>For 18 Gauge, Add</i>		5.09	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		6.85	
		<i>For 28 Gauge, Deduct</i>		-1.28	
		<i>For Work In Restricted Working Space, Add</i>		9.22	
		<i>For 20 Gauge, Add</i>		3.83	
		<i>For 16 Gauge, Add</i>		6.25	
23 31 13 16-0028	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		54.20	16.40
		<i>For 22 Gauge, Add</i>		3.64	
		<i>For 24 Gauge, Add</i>		1.82	
		<i>For 18 Gauge, Add</i>		7.27	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		9.78	
		<i>For 28 Gauge, Deduct</i>		-1.83	
		<i>For Work In Restricted Working Space, Add</i>		12.29	
		<i>For 20 Gauge, Add</i>		5.47	
		<i>For 16 Gauge, Add</i>		8.92	
23 31 13 16-0029	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		78.98	24.60
		<i>For 22 Gauge, Add</i>		4.82	
		<i>For 24 Gauge, Add</i>		2.42	
		<i>For 18 Gauge, Add</i>		9.63	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		12.95	
		<i>For 28 Gauge, Deduct</i>		-2.42	
		<i>For Work In Restricted Working Space, Add</i>		18.44	
		<i>For 20 Gauge, Add</i>		7.25	
		<i>For 16 Gauge, Add</i>		11.81	
23 31 13 16-0030	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		111.31	31.42
		<i>For 22 Gauge, Add</i>		9.02	
		<i>For 24 Gauge, Add</i>		4.52	
		<i>For 18 Gauge, Add</i>		18.01	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		24.24	
		<i>For 28 Gauge, Deduct</i>		-4.54	
		<i>For Work In Restricted Working Space, Add</i>		23.57	
		<i>For 20 Gauge, Add</i>		13.56	
		<i>For 16 Gauge, Add</i>		22.11	
23 31 13 16-0031	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow		139.13	39.62
		<i>For 22 Gauge, Add</i>		11.04	
		<i>For 24 Gauge, Add</i>		5.53	
		<i>For 18 Gauge, Add</i>		22.04	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		29.66	
		<i>For 28 Gauge, Deduct</i>		-5.55	
		<i>For Work In Restricted Working Space, Add</i>		29.72	
		<i>For 20 Gauge, Add</i>		16.59	
		<i>For 16 Gauge, Add</i>		27.05	
23 31 13 16-0032		26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbows			
		<small>(23 31 13 16-0001)</small>			
23 31 13 16-0033	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow		19.01	6.15
		<i>For 22 Gauge, Add</i>		1.00	
		<i>For 24 Gauge, Add</i>		0.50	
		<i>For 18 Gauge, Add</i>		2.00	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>		2.69	
		<i>For 28 Gauge, Deduct</i>		-0.50	
		<i>For Work In Restricted Working Space, Add</i>		4.61	
		<i>For 20 Gauge, Add</i>		1.51	
		<i>For 16 Gauge, Add</i>		2.46	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Air Distribution		23 30
HVAC Ducts And Casings		23 31

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0034	EA		5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	22.25	7.04
			<i>For 22 Gauge, Add</i>	1.29	
			<i>For 24 Gauge, Add</i>	0.65	
			<i>For 18 Gauge, Add</i>	2.57	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.46	
			<i>For 28 Gauge, Deduct</i>	-0.65	
			<i>For Work In Restricted Working Space, Add</i>	5.27	
			<i>For 20 Gauge, Add</i>	1.94	
			<i>For 16 Gauge, Add</i>	3.16	
23 31 13 16-0035	EA		6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	25.60	8.20
			<i>For 22 Gauge, Add</i>	1.41	
			<i>For 24 Gauge, Add</i>	0.71	
			<i>For 18 Gauge, Add</i>	2.81	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.78	
			<i>For 28 Gauge, Deduct</i>	-0.71	
			<i>For Work In Restricted Working Space, Add</i>	6.15	
			<i>For 20 Gauge, Add</i>	2.12	
			<i>For 16 Gauge, Add</i>	3.45	
23 31 13 16-0036	EA		7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	30.52	9.83
			<i>For 22 Gauge, Add</i>	1.63	
			<i>For 24 Gauge, Add</i>	0.82	
			<i>For 18 Gauge, Add</i>	3.26	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.38	
			<i>For 28 Gauge, Deduct</i>	-0.82	
			<i>For Work In Restricted Working Space, Add</i>	7.38	
			<i>For 20 Gauge, Add</i>	2.45	
			<i>For 16 Gauge, Add</i>	4.00	
23 31 13 16-0037	EA		8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	37.47	12.29
			<i>For 22 Gauge, Add</i>	1.85	
			<i>For 24 Gauge, Add</i>	0.93	
			<i>For 18 Gauge, Add</i>	3.70	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.98	
			<i>For 28 Gauge, Deduct</i>	-0.93	
			<i>For Work In Restricted Working Space, Add</i>	9.22	
			<i>For 20 Gauge, Add</i>	2.79	
			<i>For 16 Gauge, Add</i>	4.54	
23 31 13 16-0038	EA		10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	51.25	16.40
			<i>For 22 Gauge, Add</i>	2.83	
			<i>For 24 Gauge, Add</i>	1.42	
			<i>For 18 Gauge, Add</i>	5.65	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.60	
			<i>For 28 Gauge, Deduct</i>	-1.42	
			<i>For Work In Restricted Working Space, Add</i>	12.29	
			<i>For 20 Gauge, Add</i>	4.25	
			<i>For 16 Gauge, Add</i>	6.93	
23 31 13 16-0039	EA		12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	74.70	24.60
			<i>For 22 Gauge, Add</i>	3.64	
			<i>For 24 Gauge, Add</i>	1.82	
			<i>For 18 Gauge, Add</i>	7.27	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.78	
			<i>For 28 Gauge, Deduct</i>	-1.83	
			<i>For Work In Restricted Working Space, Add</i>	18.44	
			<i>For 20 Gauge, Add</i>	5.47	
			<i>For 16 Gauge, Add</i>	8.92	
23 31 13 16-0040	EA		14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	101.45	31.42
			<i>For 22 Gauge, Add</i>	6.31	
			<i>For 24 Gauge, Add</i>	3.16	
			<i>For 18 Gauge, Add</i>	12.59	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	16.94	
			<i>For 28 Gauge, Deduct</i>	-3.17	
			<i>For Work In Restricted Working Space, Add</i>	23.57	
			<i>For 20 Gauge, Add</i>	9.48	
			<i>For 16 Gauge, Add</i>	15.45	
23 31 13 16-0041	EA		16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	136.58	39.62
			<i>For 22 Gauge, Add</i>	10.34	
			<i>For 24 Gauge, Add</i>	5.18	
			<i>For 18 Gauge, Add</i>	20.64	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	27.77	
			<i>For 28 Gauge, Deduct</i>	-5.20	
			<i>For Work In Restricted Working Space, Add</i>	29.72	
			<i>For 20 Gauge, Add</i>	15.54	
			<i>For 16 Gauge, Add</i>	25.33	

23 31 13 16-0042 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tees (23 31 13 16-0001)

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0043	EA		4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	31.17	9.22
			<i>For 22 Gauge, Add</i>	2.24	
			<i>For 24 Gauge, Add</i>	1.12	
			<i>For 18 Gauge, Add</i>	4.47	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.01	
			<i>For 28 Gauge, Deduct</i>	-1.12	
			<i>For Work In Restricted Working Space, Add</i>	6.92	
			<i>For 20 Gauge, Add</i>	3.36	
			<i>For 16 Gauge, Add</i>	5.48	
23 31 13 16-0044	EA		5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	37.13	10.52
			<i>For 22 Gauge, Add</i>	2.97	
			<i>For 24 Gauge, Add</i>	1.49	
			<i>For 18 Gauge, Add</i>	5.93	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.98	
			<i>For 28 Gauge, Deduct</i>	-1.49	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
			<i>For 20 Gauge, Add</i>	4.46	
			<i>For 16 Gauge, Add</i>	7.28	
23 31 13 16-0045	EA		6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	42.44	12.29
			<i>For 22 Gauge, Add</i>	3.22	
			<i>For 24 Gauge, Add</i>	1.61	
			<i>For 18 Gauge, Add</i>	6.44	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.66	
			<i>For 28 Gauge, Deduct</i>	-1.62	
			<i>For Work In Restricted Working Space, Add</i>	9.22	
			<i>For 20 Gauge, Add</i>	4.84	
			<i>For 16 Gauge, Add</i>	7.90	
23 31 13 16-0046	EA		7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	50.35	14.75
			<i>For 22 Gauge, Add</i>	3.71	
			<i>For 24 Gauge, Add</i>	1.86	
			<i>For 18 Gauge, Add</i>	7.41	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.97	
			<i>For 28 Gauge, Deduct</i>	-1.87	
			<i>For Work In Restricted Working Space, Add</i>	11.06	
			<i>For 20 Gauge, Add</i>	5.58	
			<i>For 16 Gauge, Add</i>	9.09	
23 31 13 16-0047	EA		8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	67.89	18.44
			<i>For 22 Gauge, Add</i>	6.00	
			<i>For 24 Gauge, Add</i>	3.00	
			<i>For 18 Gauge, Add</i>	11.97	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	16.11	
			<i>For 28 Gauge, Deduct</i>	-3.02	
			<i>For Work In Restricted Working Space, Add</i>	13.84	
			<i>For 20 Gauge, Add</i>	9.01	
			<i>For 16 Gauge, Add</i>	14.69	
23 31 13 16-0048	EA		10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	89.25	24.60
			<i>For 22 Gauge, Add</i>	7.65	
			<i>For 24 Gauge, Add</i>	3.83	
			<i>For 18 Gauge, Add</i>	15.27	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.55	
			<i>For 28 Gauge, Deduct</i>	-3.85	
			<i>For Work In Restricted Working Space, Add</i>	18.44	
			<i>For 20 Gauge, Add</i>	11.50	
			<i>For 16 Gauge, Add</i>	18.74	
23 31 13 16-0049	EA		12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	119.97	36.89
			<i>For 22 Gauge, Add</i>	7.65	
			<i>For 24 Gauge, Add</i>	3.83	
			<i>For 18 Gauge, Add</i>	15.27	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.55	
			<i>For 28 Gauge, Deduct</i>	-3.85	
			<i>For Work In Restricted Working Space, Add</i>	27.66	
			<i>For 20 Gauge, Add</i>	11.50	
			<i>For 16 Gauge, Add</i>	18.74	
23 31 13 16-0050	EA		14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	170.67	46.99
			<i>For 22 Gauge, Add</i>	14.57	
			<i>For 24 Gauge, Add</i>	7.30	
			<i>For 18 Gauge, Add</i>	29.09	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	39.14	
			<i>For 28 Gauge, Deduct</i>	-7.33	
			<i>For Work In Restricted Working Space, Add</i>	35.33	
			<i>For 20 Gauge, Add</i>	21.90	
			<i>For 16 Gauge, Add</i>	35.70	
23 31 13 16-0051	EA		16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	222.75	59.57
			<i>For 22 Gauge, Add</i>	20.46	
			<i>For 24 Gauge, Add</i>	10.25	
			<i>For 18 Gauge, Add</i>	40.84	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.95	
			<i>For 28 Gauge, Deduct</i>	-10.28	
			<i>For Work In Restricted Working Space, Add</i>	44.55	
			<i>For 20 Gauge, Add</i>	30.74	
			<i>For 16 Gauge, Add</i>	50.12	

23 31 13 16-0052 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connectors (23 31 13 16-0001)



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Air Distribution		23 30
HVAC Ducts And Casings		23 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0053	EA		4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	13.66 3.28	
23 31 13 16-0054	EA		5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	14.42 3.45	
23 31 13 16-0055	EA		6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	15.44 3.69	
23 31 13 16-0056	EA		7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	16.58 3.89	
23 31 13 16-0057	EA		8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	18.08 4.20	
23 31 13 16-0058	EA		10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	22.05 4.69	
23 31 13 16-0059	EA		12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	29.59 6.56	
23 31 13 16-0060	EA		14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	33.87 7.46	
23 31 13 16-0061	EA		16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector ..... <i>For Work In Restricted Working Space, Add</i>	37.33 8.18	
<b>23 31 13 16-0062</b>			<b>26 Gauge, Slip Joint, Galvanized, Spiral Duct And Fittings</b> <small>(23 31 13 16)</small>		
<b>23 31 13 16-0063</b>			<b>26 Gauge, Slip Joint, Galvanized, Spiral Duct</b> <small>(23 31 13 16-0062)</small>		
23 31 13 16-0064	LF		4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	4.86 1.10 1.71 0.69 0.30 1.12 2.09 1.01	0.63
23 31 13 16-0065	LF		6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.20 1.59 2.47 0.99 0.43 1.61 3.01 1.22	1.26
23 31 13 16-0066	LF		8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.86 2.10 3.27 1.31 0.57 2.13 3.98 1.51	1.26
23 31 13 16-0067	LF		10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.52 2.59 4.03 1.61 0.70 2.63 4.90 1.81	1.26
23 31 13 16-0068	LF		12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.85 3.18 4.95 1.98 0.86 3.23 6.02 2.27	1.89
23 31 13 16-0069	LF		14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.43 3.69 5.74 2.30 1.00 3.74 6.99 2.83	1.89
23 31 13 16-0070	LF		16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.81 5.36 8.33 3.33 1.45 5.43 10.14 3.77	1.89

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0071 LF 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	22.68	2.51
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.94	
For 18 Gauge, Add	9.23	
For 22 Gauge, Add	3.69	
For 24 Gauge, Add	1.61	
For 20 Gauge, Add	6.02	
For 16 Gauge, Add	11.24	
For Work In Restricted Working Space, Add	4.40	
23 31 13 16-0072 LF 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	25.60	2.51
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.63	
For 18 Gauge, Add	10.30	
For 22 Gauge, Add	4.12	
For 24 Gauge, Add	1.79	
For 20 Gauge, Add	6.72	
For 16 Gauge, Add	12.54	
For Work In Restricted Working Space, Add	4.99	
23 31 13 16-0073 LF 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	28.64	3.15
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.33	
For 18 Gauge, Add	11.39	
For 22 Gauge, Add	4.55	
For 24 Gauge, Add	1.98	
For 20 Gauge, Add	7.43	
For 16 Gauge, Add	13.86	
For Work In Restricted Working Space, Add	5.62	
23 31 13 16-0074 LF 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	31.73	3.77
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.96	
For 18 Gauge, Add	12.37	
For 22 Gauge, Add	4.95	
For 24 Gauge, Add	2.15	
For 20 Gauge, Add	8.07	
For 16 Gauge, Add	15.06	
For Work In Restricted Working Space, Add	6.29	
<b>23 31 13 16-0075 26 Gauge, Slip Joint, Galvanized, Spiral 90 Degree Elbows</b> (23 31 13 16-0062)		
23 31 13 16-0076 EA 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	47.19	8.81
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.75	
For 18 Gauge, Add	15.16	
For 22 Gauge, Add	6.06	
For 24 Gauge, Add	2.64	
For 20 Gauge, Add	9.89	
For 16 Gauge, Add	18.45	
For Work In Restricted Working Space, Add	10.20	
23 31 13 16-0077 EA 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	69.06	12.58
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	13.85	
For 18 Gauge, Add	21.53	
For 22 Gauge, Add	8.61	
For 24 Gauge, Add	3.74	
For 20 Gauge, Add	14.04	
For 16 Gauge, Add	26.21	
For Work In Restricted Working Space, Add	15.10	
23 31 13 16-0078 EA 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	101.94	16.36
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.42	
For 18 Gauge, Add	41.06	
For 22 Gauge, Add	16.42	
For 24 Gauge, Add	7.14	
For 20 Gauge, Add	26.78	
For 16 Gauge, Add	49.98	
For Work In Restricted Working Space, Add	19.87	
23 31 13 16-0079 EA 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	125.93	20.76
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.10	
For 18 Gauge, Add	48.33	
For 22 Gauge, Add	19.33	
For 24 Gauge, Add	8.41	
For 20 Gauge, Add	31.52	
For 16 Gauge, Add	58.84	
For Work In Restricted Working Space, Add	25.17	
23 31 13 16-0080 EA 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	154.22	26.42
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	36.52	
For 18 Gauge, Add	56.75	
For 22 Gauge, Add	22.70	
For 24 Gauge, Add	9.87	
For 20 Gauge, Add	37.01	
For 16 Gauge, Add	69.09	
For Work In Restricted Working Space, Add	31.46	
23 31 13 16-0081 EA 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	169.34	28.95
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.66	
For 18 Gauge, Add	63.18	
For 22 Gauge, Add	25.27	
For 24 Gauge, Add	10.99	
For 20 Gauge, Add	41.21	
For 16 Gauge, Add	76.92	
For Work In Restricted Working Space, Add	34.32	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	23 30
HVAC Ducts And Casings	23 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0082 EA 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	199.61	33.98
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	47.57	
For 18 Gauge, Add	73.93	
For 22 Gauge, Add	29.57	
For 24 Gauge, Add	12.86	
For 20 Gauge, Add	48.22	
For 16 Gauge, Add	90.01	
For Work In Restricted Working Space, Add	40.60	
23 31 13 16-0083 EA 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	241.77	42.16
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	54.75	
For 18 Gauge, Add	85.08	
For 22 Gauge, Add	34.03	
For 24 Gauge, Add	14.80	
For 20 Gauge, Add	55.49	
For 16 Gauge, Add	103.57	
For Work In Restricted Working Space, Add	50.34	
23 31 13 16-0084 EA 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	290.31	50.97
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	64.62	
For 18 Gauge, Add	100.43	
For 22 Gauge, Add	40.17	
For 24 Gauge, Add	17.47	
For 20 Gauge, Add	65.50	
For 16 Gauge, Add	122.26	
For Work In Restricted Working Space, Add	60.89	
23 31 13 16-0085 EA 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	336.56	59.14
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	73.34	
For 18 Gauge, Add	113.98	
For 22 Gauge, Add	45.59	
For 24 Gauge, Add	19.82	
For 20 Gauge, Add	74.33	
For 16 Gauge, Add	138.75	
For Work In Restricted Working Space, Add	71.24	
23 31 13 16-0086 EA 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	390.07	67.33
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	90.51	
For 18 Gauge, Add	140.66	
For 22 Gauge, Add	56.26	
For 24 Gauge, Add	24.46	
For 20 Gauge, Add	91.73	
For 16 Gauge, Add	171.23	
For Work In Restricted Working Space, Add	80.33	
<b>23 31 13 16-0087 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows</b> <small>(23 31 13 16-0062)</small>		
23 31 13 16-0088 EA 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	47.81	8.81
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.21	
For 18 Gauge, Add	15.87	
For 22 Gauge, Add	6.35	
For 24 Gauge, Add	2.76	
For 20 Gauge, Add	10.35	
For 16 Gauge, Add	19.32	
For Work In Restricted Working Space, Add	10.20	
23 31 13 16-0089 EA 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	65.85	12.58
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.48	
For 18 Gauge, Add	17.84	
For 22 Gauge, Add	7.13	
For 24 Gauge, Add	3.10	
For 20 Gauge, Add	11.63	
For 16 Gauge, Add	21.71	
For Work In Restricted Working Space, Add	15.10	
23 31 13 16-0090 EA 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	87.03	16.36
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.38	
For 18 Gauge, Add	23.91	
For 22 Gauge, Add	9.56	
For 24 Gauge, Add	4.16	
For 20 Gauge, Add	15.59	
For 16 Gauge, Add	29.11	
For Work In Restricted Working Space, Add	19.87	
23 31 13 16-0091 EA 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	109.89	20.76
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.23	
For 18 Gauge, Add	29.89	
For 22 Gauge, Add	11.96	
For 24 Gauge, Add	5.20	
For 20 Gauge, Add	19.49	
For 16 Gauge, Add	36.39	
For Work In Restricted Working Space, Add	25.17	
23 31 13 16-0092 EA 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	135.08	26.42
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.36	
For 18 Gauge, Add	34.74	
For 22 Gauge, Add	13.90	
For 24 Gauge, Add	6.04	
For 20 Gauge, Add	22.66	
For 16 Gauge, Add	42.29	
For Work In Restricted Working Space, Add	31.46	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0093 EA 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	147.98	28.95
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.85	
For 18 Gauge, Add	38.62	
For 22 Gauge, Add	15.45	
For 24 Gauge, Add	6.72	
For 20 Gauge, Add	25.19	
For 16 Gauge, Add	47.01	
For Work In Restricted Working Space, Add	34.32	
23 31 13 16-0094 EA 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	190.37	33.98
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.74	
For 18 Gauge, Add	63.31	
For 22 Gauge, Add	25.32	
For 24 Gauge, Add	11.01	
For 20 Gauge, Add	41.29	
For 16 Gauge, Add	77.07	
For Work In Restricted Working Space, Add	40.60	
23 31 13 16-0095 EA 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	235.22	42.16
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	49.90	
For 18 Gauge, Add	77.54	
For 22 Gauge, Add	31.02	
For 24 Gauge, Add	13.49	
For 20 Gauge, Add	50.57	
For 16 Gauge, Add	94.40	
For Work In Restricted Working Space, Add	50.34	
23 31 13 16-0096 EA 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	288.30	50.97
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	63.14	
For 18 Gauge, Add	98.12	
For 22 Gauge, Add	39.25	
For 24 Gauge, Add	17.06	
For 20 Gauge, Add	63.99	
For 16 Gauge, Add	119.45	
For Work In Restricted Working Space, Add	60.89	
23 31 13 16-0097 EA 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	313.83	59.14
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	56.52	
For 18 Gauge, Add	87.84	
For 22 Gauge, Add	35.13	
For 24 Gauge, Add	15.28	
For 20 Gauge, Add	57.29	
For 16 Gauge, Add	106.93	
For Work In Restricted Working Space, Add	71.24	
23 31 13 16-0098 EA 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	381.98	67.33
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	84.52	
For 18 Gauge, Add	131.35	
For 22 Gauge, Add	52.54	
For 24 Gauge, Add	22.84	
For 20 Gauge, Add	85.67	
For 16 Gauge, Add	159.91	
For Work In Restricted Working Space, Add	80.33	
<b>23 31 13 16-0099 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals</b>		
(23 31 13 16-0092)		
23 31 13 16-0100 EA 6" x 6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	95.91	16.36
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.96	
For 18 Gauge, Add	34.12	
For 22 Gauge, Add	13.65	
For 24 Gauge, Add	5.93	
For 20 Gauge, Add	22.25	
For 16 Gauge, Add	41.54	
For Work In Restricted Working Space, Add	19.87	
23 31 13 16-0101 EA 8" x 8" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	135.97	26.42
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.01	
For 18 Gauge, Add	35.77	
For 22 Gauge, Add	14.31	
For 24 Gauge, Add	6.22	
For 20 Gauge, Add	23.33	
For 16 Gauge, Add	43.54	
For Work In Restricted Working Space, Add	31.46	
23 31 13 16-0102 EA 10" x 10" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	169.47	33.98
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.27	
For 18 Gauge, Add	39.27	
For 22 Gauge, Add	15.71	
For 24 Gauge, Add	6.83	
For 20 Gauge, Add	25.61	
For 16 Gauge, Add	47.81	
For Work In Restricted Working Space, Add	40.60	
23 31 13 16-0103 EA 12" x 12" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	203.46	42.16
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.40	
For 18 Gauge, Add	41.02	
For 22 Gauge, Add	16.41	
For 24 Gauge, Add	7.13	
For 20 Gauge, Add	26.75	
For 16 Gauge, Add	49.94	
For Work In Restricted Working Space, Add	50.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0104 EA 14" x 14" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	239.82	50.97
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.26	
For 18 Gauge, Add	42.37	
For 22 Gauge, Add	16.95	
For 24 Gauge, Add	7.37	
For 20 Gauge, Add	27.63	
For 16 Gauge, Add	51.58	
For Work In Restricted Working Space, Add	60.89	
23 31 13 16-0105 EA 16" x 16" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	277.52	59.14
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.65	
For 18 Gauge, Add	46.08	
For 22 Gauge, Add	18.43	
For 24 Gauge, Add	8.01	
For 20 Gauge, Add	30.05	
For 16 Gauge, Add	56.10	
For Work In Restricted Working Space, Add	71.24	
23 31 13 16-0106 EA 18" x 18" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	309.44	67.33
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.84	
For 18 Gauge, Add	47.93	
For 22 Gauge, Add	19.17	
For 24 Gauge, Add	8.34	
For 20 Gauge, Add	31.26	
For 16 Gauge, Add	58.35	
For Work In Restricted Working Space, Add	80.33	
23 31 13 16-0107 EA 20" x 20" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	350.14	76.77
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.97	
For 18 Gauge, Add	49.68	
For 22 Gauge, Add	19.87	
For 24 Gauge, Add	8.64	
For 20 Gauge, Add	32.40	
For 16 Gauge, Add	60.48	
For Work In Restricted Working Space, Add	92.08	
23 31 13 16-0108 EA 22" x 22" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	392.12	84.95
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	38.47	
For 18 Gauge, Add	59.79	
For 22 Gauge, Add	23.92	
For 24 Gauge, Add	10.40	
For 20 Gauge, Add	38.99	
For 16 Gauge, Add	72.79	
For Work In Restricted Working Space, Add	102.04	
23 31 13 16-0109 EA 24" x 24" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	423.82	92.50
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	39.73	
For 18 Gauge, Add	61.74	
For 22 Gauge, Add	24.70	
For 24 Gauge, Add	10.74	
For 20 Gauge, Add	40.27	
For 16 Gauge, Add	75.17	
For Work In Restricted Working Space, Add	111.04	
23 31 13 16-0110 EA 8" x 8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	140.21	28.50
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.34	
For 18 Gauge, Add	30.05	
For 22 Gauge, Add	12.02	
For 24 Gauge, Add	5.23	
For 20 Gauge, Add	19.60	
For 16 Gauge, Add	36.58	
For Work In Restricted Working Space, Add	34.22	
23 31 13 16-0111 EA 10" x 10" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	170.13	34.29
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.41	
For 18 Gauge, Add	37.94	
For 22 Gauge, Add	15.18	
For 24 Gauge, Add	6.60	
For 20 Gauge, Add	24.74	
For 16 Gauge, Add	46.19	
For Work In Restricted Working Space, Add	41.14	
23 31 13 16-0112 EA 12" x 12" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	206.69	41.66
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.64	
For 18 Gauge, Add	46.06	
For 22 Gauge, Add	18.42	
For 24 Gauge, Add	8.01	
For 20 Gauge, Add	30.04	
For 16 Gauge, Add	56.07	
For Work In Restricted Working Space, Add	49.99	
23 31 13 16-0113 EA 14" x 14" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	246.06	49.52
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	35.29	
For 18 Gauge, Add	54.84	
For 22 Gauge, Add	21.94	
For 24 Gauge, Add	9.54	
For 20 Gauge, Add	35.77	
For 16 Gauge, Add	66.77	
For Work In Restricted Working Space, Add	59.51	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0114	EA		16" x 16" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	309.82	63.68
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	40.91	
			<i>For 18 Gauge, Add</i>	63.57	
			<i>For 22 Gauge, Add</i>	25.43	
			<i>For 24 Gauge, Add</i>	11.06	
			<i>For 20 Gauge, Add</i>	41.46	
			<i>For 16 Gauge, Add</i>	77.39	
			<i>For Work In Restricted Working Space, Add</i>	76.36	
23 31 13 16-0115	EA		18" x 18" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	344.37	70.66
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	45.84	
			<i>For 18 Gauge, Add</i>	71.24	
			<i>For 22 Gauge, Add</i>	28.50	
			<i>For 24 Gauge, Add</i>	12.39	
			<i>For 20 Gauge, Add</i>	46.46	
			<i>For 16 Gauge, Add</i>	86.73	
			<i>For Work In Restricted Working Space, Add</i>	84.73	
23 31 13 16-0116	EA		20" x 20" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	391.55	80.41
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	52.18	
			<i>For 18 Gauge, Add</i>	81.09	
			<i>For 22 Gauge, Add</i>	32.43	
			<i>For 24 Gauge, Add</i>	14.10	
			<i>For 20 Gauge, Add</i>	52.88	
			<i>For 16 Gauge, Add</i>	98.71	
			<i>For Work In Restricted Working Space, Add</i>	96.31	
23 31 13 16-0117	EA		22" x 22" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	421.31	85.77
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	58.16	
			<i>For 18 Gauge, Add</i>	90.38	
			<i>For 22 Gauge, Add</i>	36.15	
			<i>For 24 Gauge, Add</i>	15.72	
			<i>For 20 Gauge, Add</i>	58.94	
			<i>For 16 Gauge, Add</i>	110.03	
			<i>For Work In Restricted Working Space, Add</i>	102.82	
23 31 13 16-0118	EA		24" x 24" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	457.05	93.00
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	63.02	
			<i>For 18 Gauge, Add</i>	97.93	
			<i>For 22 Gauge, Add</i>	39.17	
			<i>For 24 Gauge, Add</i>	17.03	
			<i>For 20 Gauge, Add</i>	63.87	
			<i>For 16 Gauge, Add</i>	119.22	
			<i>For Work In Restricted Working Space, Add</i>	111.57	
23 31 13 16-0119	EA		10" x 10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	185.57	37.75
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.72	
			<i>For 18 Gauge, Add</i>	39.96	
			<i>For 22 Gauge, Add</i>	15.99	
			<i>For 24 Gauge, Add</i>	6.95	
			<i>For 20 Gauge, Add</i>	26.06	
			<i>For 16 Gauge, Add</i>	48.65	
			<i>For Work In Restricted Working Space, Add</i>	45.25	
23 31 13 16-0120	EA		12" x 12" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	225.48	45.94
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	31.18	
			<i>For 18 Gauge, Add</i>	48.46	
			<i>For 22 Gauge, Add</i>	19.38	
			<i>For 24 Gauge, Add</i>	8.43	
			<i>For 20 Gauge, Add</i>	31.61	
			<i>For 16 Gauge, Add</i>	59.00	
			<i>For Work In Restricted Working Space, Add</i>	55.00	
23 31 13 16-0121	EA		14" x 14" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	268.40	54.43
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	37.16	
			<i>For 18 Gauge, Add</i>	57.75	
			<i>For 22 Gauge, Add</i>	23.10	
			<i>For 24 Gauge, Add</i>	10.04	
			<i>For 20 Gauge, Add</i>	37.67	
			<i>For 16 Gauge, Add</i>	70.31	
			<i>For Work In Restricted Working Space, Add</i>	65.45	
23 31 13 16-0122	EA		16" x 16" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	311.51	63.43
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	43.07	
			<i>For 18 Gauge, Add</i>	66.93	
			<i>For 22 Gauge, Add</i>	26.77	
			<i>For 24 Gauge, Add</i>	11.64	
			<i>For 20 Gauge, Add</i>	43.65	
			<i>For 16 Gauge, Add</i>	81.48	
			<i>For Work In Restricted Working Space, Add</i>	75.99	
23 31 13 16-0123	EA		18" x 18" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral .....	348.65	70.92
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	48.26	
			<i>For 18 Gauge, Add</i>	74.99	
			<i>For 22 Gauge, Add</i>	30.00	
			<i>For 24 Gauge, Add</i>	13.04	
			<i>For 20 Gauge, Add</i>	48.91	
			<i>For 16 Gauge, Add</i>	91.29	
			<i>For Work In Restricted Working Space, Add</i>	85.03	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	23 30
HVAC Ducts And Casings	23 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0124 EA 20" x 20" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	396.56 54.92 85.34 34.14 14.84 55.66 103.89 96.71	80.66
23 31 13 16-0125 EA 22" x 22" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	442.70 61.22 95.14 38.06 16.55 62.05 115.82 107.99	89.98
23 31 13 16-0126 EA 24" x 24" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	479.98 66.33 103.09 41.23 17.93 67.23 125.50 117.10	97.65
<b>23 31 13 16-0127 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducers</b> <small>(23 31 13 16-0062)</small>		
23 31 13 16-0128 EA 6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.01 7.90 12.27 4.91 2.13 8.00 14.94 15.10	12.58
23 31 13 16-0129 EA 8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.98 8.69 13.50 5.40 2.35 8.81 16.44 19.87	16.36
23 31 13 16-0130 EA 10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.90 9.62 14.95 5.98 2.60 9.75 18.20 25.17	20.76
23 31 13 16-0131 EA 12" x 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.12 10.55 16.39 6.56 2.85 10.69 19.95 31.46	26.42
23 31 13 16-0132 EA 14" x 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.27 11.74 18.25 7.30 3.17 11.90 22.22 34.32	28.95
23 31 13 16-0133 EA 16" x 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.75 20.30 31.54 12.62 5.49 20.57 38.40 40.60	33.98
23 31 13 16-0134 EA 18" x 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.10 21.69 33.71 13.48 5.86 21.98 41.03 50.34	42.16

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0135	EA		20" x 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	234.26	50.97
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	23.15	
			<i>For 18 Gauge, Add</i>	35.97	
			<i>For 22 Gauge, Add</i>	14.39	
			<i>For 24 Gauge, Add</i>	6.26	
			<i>For 20 Gauge, Add</i>	23.46	
			<i>For 16 Gauge, Add</i>	43.79	
			<i>For Work In Restricted Working Space, Add</i>	60.89	
23 31 13 16-0136	EA		22" x 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	270.70	59.14
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.61	
			<i>For 18 Gauge, Add</i>	38.24	
			<i>For 22 Gauge, Add</i>	15.30	
			<i>For 24 Gauge, Add</i>	6.65	
			<i>For 20 Gauge, Add</i>	24.94	
			<i>For 16 Gauge, Add</i>	46.55	
			<i>For Work In Restricted Working Space, Add</i>	71.24	
23 31 13 16-0137	EA		24" x 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	302.81	67.33
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.94	
			<i>For 18 Gauge, Add</i>	40.31	
			<i>For 22 Gauge, Add</i>	16.12	
			<i>For 24 Gauge, Add</i>	7.01	
			<i>For 20 Gauge, Add</i>	26.29	
			<i>For 16 Gauge, Add</i>	49.07	
			<i>For Work In Restricted Working Space, Add</i>	80.33	
<b>23 31 13 16-0138</b>			<b>26 Gauge, Slip Joint, Galvanized, Spiral Duct Couplings</b> (23 31 13 16-0062)		
23 31 13 16-0139	EA		4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	39.06	8.81
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.74	
			<i>For 18 Gauge, Add</i>	5.81	
			<i>For 22 Gauge, Add</i>	2.32	
			<i>For 24 Gauge, Add</i>	1.01	
			<i>For 20 Gauge, Add</i>	3.79	
			<i>For 16 Gauge, Add</i>	7.07	
			<i>For Work In Restricted Working Space, Add</i>	10.20	
23 31 13 16-0140	EA		6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	56.08	12.58
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.25	
			<i>For 18 Gauge, Add</i>	6.60	
			<i>For 22 Gauge, Add</i>	2.64	
			<i>For 24 Gauge, Add</i>	1.15	
			<i>For 20 Gauge, Add</i>	4.31	
			<i>For 16 Gauge, Add</i>	8.04	
			<i>For Work In Restricted Working Space, Add</i>	15.10	
23 31 13 16-0141	EA		8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	72.42	16.36
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.57	
			<i>For 18 Gauge, Add</i>	7.11	
			<i>For 22 Gauge, Add</i>	2.84	
			<i>For 24 Gauge, Add</i>	1.24	
			<i>For 20 Gauge, Add</i>	4.64	
			<i>For 16 Gauge, Add</i>	8.65	
			<i>For Work In Restricted Working Space, Add</i>	19.87	
23 31 13 16-0142	EA		10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	90.53	20.76
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.91	
			<i>For 18 Gauge, Add</i>	7.62	
			<i>For 22 Gauge, Add</i>	3.05	
			<i>For 24 Gauge, Add</i>	1.33	
			<i>For 20 Gauge, Add</i>	4.97	
			<i>For 16 Gauge, Add</i>	9.28	
			<i>For Work In Restricted Working Space, Add</i>	25.17	
23 31 13 16-0143	EA		12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	111.95	26.42
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.24	
			<i>For 18 Gauge, Add</i>	8.14	
			<i>For 22 Gauge, Add</i>	3.26	
			<i>For 24 Gauge, Add</i>	1.42	
			<i>For 20 Gauge, Add</i>	5.31	
			<i>For 16 Gauge, Add</i>	9.91	
			<i>For Work In Restricted Working Space, Add</i>	31.46	
23 31 13 16-0144	EA		14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	121.93	28.95
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.57	
			<i>For 18 Gauge, Add</i>	8.66	
			<i>For 22 Gauge, Add</i>	3.46	
			<i>For 24 Gauge, Add</i>	1.51	
			<i>For 20 Gauge, Add</i>	5.65	
			<i>For 16 Gauge, Add</i>	10.54	
			<i>For Work In Restricted Working Space, Add</i>	34.32	
23 31 13 16-0145	EA		16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	143.66	33.98
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.17	
			<i>For 18 Gauge, Add</i>	9.59	
			<i>For 22 Gauge, Add</i>	3.84	
			<i>For 24 Gauge, Add</i>	1.67	
			<i>For 20 Gauge, Add</i>	6.26	
			<i>For 16 Gauge, Add</i>	11.68	
			<i>For Work In Restricted Working Space, Add</i>	40.60	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	23 30
HVAC Ducts And Casings	23 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0146 EA 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	176.57	42.16
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.50	
For 18 Gauge, Add	10.10	
For 22 Gauge, Add	4.04	
For 24 Gauge, Add	1.76	
For 20 Gauge, Add	6.59	
For 16 Gauge, Add	12.29	
For Work In Restricted Working Space, Add	50.34	
23 31 13 16-0147 EA 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	212.30	50.97
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.90	
For 18 Gauge, Add	10.72	
For 22 Gauge, Add	4.29	
For 24 Gauge, Add	1.86	
For 20 Gauge, Add	6.99	
For 16 Gauge, Add	13.05	
For Work In Restricted Working Space, Add	60.89	
23 31 13 16-0148 EA 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	247.13	118.92
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.16	
For 18 Gauge, Add	11.13	
For 22 Gauge, Add	4.45	
For 24 Gauge, Add	1.94	
For 20 Gauge, Add	7.26	
For 16 Gauge, Add	13.55	
For Work In Restricted Working Space, Add	71.24	
23 31 13 16-0149 EA 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	277.98	134.03
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.56	
For 18 Gauge, Add	11.75	
For 22 Gauge, Add	4.70	
For 24 Gauge, Add	2.04	
For 20 Gauge, Add	7.67	
For 16 Gauge, Add	14.31	
For Work In Restricted Working Space, Add	80.33	
<b>23 31 13 16-0150 26 Gauge, Slip Joint, Galvanized, Spiral Duct Caps (23 31 13 16-0062)</b>		
23 31 13 16-0151 EA 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	22.93	8.81
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.38	
For 18 Gauge, Add	6.81	
For 22 Gauge, Add	2.72	
For 24 Gauge, Add	1.18	
For 20 Gauge, Add	4.44	
For 16 Gauge, Add	8.29	
For Work In Restricted Working Space, Add	5.10	
23 31 13 16-0152 EA 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	31.80	12.58
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.91	
For 18 Gauge, Add	7.62	
For 22 Gauge, Add	3.05	
For 24 Gauge, Add	1.33	
For 20 Gauge, Add	4.97	
For 16 Gauge, Add	9.28	
For Work In Restricted Working Space, Add	7.55	
23 31 13 16-0153 EA 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	40.37	16.99
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.37	
For 18 Gauge, Add	8.35	
For 22 Gauge, Add	3.34	
For 24 Gauge, Add	1.45	
For 20 Gauge, Add	5.45	
For 16 Gauge, Add	10.16	
For Work In Restricted Working Space, Add	9.93	
23 31 13 16-0154 EA 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	50.02	21.39
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.97	
For 18 Gauge, Add	9.28	
For 22 Gauge, Add	3.71	
For 24 Gauge, Add	1.61	
For 20 Gauge, Add	6.05	
For 16 Gauge, Add	11.30	
For Work In Restricted Working Space, Add	12.59	
23 31 13 16-0155 EA 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	61.39	26.42
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.63	
For 18 Gauge, Add	10.30	
For 22 Gauge, Add	4.12	
For 24 Gauge, Add	1.79	
For 20 Gauge, Add	6.72	
For 16 Gauge, Add	12.54	
For Work In Restricted Working Space, Add	15.73	
23 31 13 16-0156 EA 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap .....	67.07	28.95
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.30	
For 18 Gauge, Add	11.34	
For 22 Gauge, Add	4.54	
For 24 Gauge, Add	1.97	
For 20 Gauge, Add	7.40	
For 16 Gauge, Add	13.80	
For Work In Restricted Working Space, Add	17.16	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0157	EA	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.62 8.42 13.09 5.23 2.28 8.54 15.93 19.87	33.34
23 31 13 16-0158	EA	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.26 28.39 44.11 17.65 7.67 28.77 53.70 25.17	42.16
23 31 13 16-0159	EA	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.46 30.78 47.83 19.13 8.32 31.19 58.23 31.46	52.22
23 31 13 16-0160	EA	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	159.22 33.17 51.54 20.62 8.96 33.62 62.75 34.32	57.26
23 31 13 16-0161	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For 18 Gauge, Add</i> <i>For 22 Gauge, Add</i> <i>For 24 Gauge, Add</i> <i>For 20 Gauge, Add</i> <i>For 16 Gauge, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.01 35.62 55.35 22.14 9.63 36.10 67.38 40.16	66.70
<b>23 31 13 19 Metal Duct Fittings (23 31 13)</b>				
23 31 13 19-0001		<b>Sheet Metal Baffles (23 31 13 19)</b>		
23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor..... <i>For Work In Restricted Working Space, Add</i>	22.91 6.57	17.98
<b>23 31 13 23 Galvanized Steel Welded Duct (23 31 13)</b>				
Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.				
23 31 13 23-0001		<b>Welded Steel Ductwork (23 31 13 23)</b> Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 23-0002		<b>Galvanized Steel Welded Duct, For Kitchen (23 31 13 23-0001)</b> Note: Also includes special exhaust systems and waste.		
23 31 13 23-0003	LB	Galvanized Steel Welded Duct ..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.01 3.02 3.28	5.45
23 31 13 23-0004		<b>Black Steel Ductwork (23 31 13 23-0001)</b>		
23 31 13 23-0005	LB	Black Steel Ductwork..... <i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.16 0.68 3.37	5.62
<b>23 31 13 33 Duct Boots (23 31 13)</b>				
23 31 13 33-0001		<b>Duct Register Boots (23 31 13 33)</b>		
23 31 13 33-0002	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	26.68 12.49	8.54
23 31 13 33-0003	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	26.68 12.49	8.54
23 31 13 33-0004	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	28.27 12.78	9.22
23 31 13 33-0005	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	28.27 12.78	9.22
23 31 13 33-0006	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	30.64 15.86	9.22
23 31 13 33-0007	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	30.81 14.30	9.90
23 31 13 33-0008	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel..... <i>For Stainless Steel, Add</i>	30.81 14.30	9.90





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 33-0009 EA 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	32.28	9.90
For Stainless Steel, Add	16.21	
23 31 13 33-0010 EA 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	29.83	10.59
For Stainless Steel, Add	11.25	
23 31 13 33-0011 EA 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	31.45	11.27
For Stainless Steel, Add	11.58	
23 31 13 33-0012 EA 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	37.49	11.27
For Stainless Steel, Add	19.44	
23 31 13 33-0013 EA 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	33.35	11.95
For Stainless Steel, Add	12.27	
23 31 13 33-0014 EA 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	39.27	11.95
For Stainless Steel, Add	19.97	
23 31 13 33-0015 EA 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel.....	26.83	9.22
For Stainless Steel, Add	10.91	
23 31 13 33-0016 EA 12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	26.83	9.22
For Stainless Steel, Add	10.91	
23 31 13 33-0017 EA 14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	29.17	9.90
For Stainless Steel, Add	12.17	
23 31 13 33-0018 EA 14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel.....	30.58	9.90
For Stainless Steel, Add	14.00	
23 31 13 33-0019 EA 10" x 4" x 6" Register Boot, Center, Galvanized Steel.....	30.02	10.59
For Stainless Steel, Add	11.49	
23 31 13 33-0020 EA 12" x 4" x 6" Register Boot, Center, Galvanized Steel.....	31.62	11.27
For Stainless Steel, Add	11.80	
23 31 13 33-0021 EA 12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	27.80	9.22
For Stainless Steel, Add	12.17	
23 31 13 33-0022 EA 14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	29.74	9.90
For Stainless Steel, Add	12.91	
23 31 13 33-0023 EA 10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	26.68	8.54
For Stainless Steel, Add	12.49	
23 31 13 33-0024 EA 12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	28.27	9.22
For Stainless Steel, Add	12.78	
23 31 13 33-0025 EA 14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel.....	30.81	9.90
For Stainless Steel, Add	14.30	
23 31 13 33-0026 EA 14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	30.81	9.90
For Stainless Steel, Add	14.30	
23 31 13 33-0027 EA 10" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	29.83	10.59
For Stainless Steel, Add	11.25	
23 31 13 33-0028 EA 12" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	31.45	11.27
For Stainless Steel, Add	11.58	
23 31 13 33-0029 EA 12" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	37.49	11.27
For Stainless Steel, Add	19.44	
23 31 13 33-0030 EA 14" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	38.86	11.95
For Stainless Steel, Add	19.44	

**23 31 16 Nonmetal Ducts (23 31)**

**23 31 16 13 Fibrous-Glass Ducts (23 31 16)**

**23 31 16 13-0001 Glass Fiber Duct Board (23 31 16 13)**

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002 SF 1" Glass Fiber Duct Board (EI-475).....	5.64	1.12
23 31 16 13-0003 SF 1-1/2" Glass Fiber Duct Board (EI-800).....	6.66	1.23
23 31 16 13-0004 SF 2" Glass Fiber Duct Board (EI-800).....	7.73	1.35

**23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts (23 31 16)**

**23 31 16 16-0001 Round Fiber Reinforced Plastic Duct (23 31 16 16)**

**23 31 16 16-0002 Round Fiber Reinforced Plastic Duct (23 31 16 16-0001)**

23 31 16 16-0003 LF 2" Fiber Reinforced Plastic Duct.....	9.91	3.29
23 31 16 16-0004 LF 3" Fiber Reinforced Plastic Duct.....	12.39	3.84
23 31 16 16-0005 LF 4" Fiber Reinforced Plastic Duct.....	16.84	5.64
23 31 16 16-0006 LF 6" Fiber Reinforced Plastic Duct.....	22.29	7.12
23 31 16 16-0007 LF 8" Fiber Reinforced Plastic Duct.....	28.23	8.92
23 31 16 16-0008 LF 10" Fiber Reinforced Plastic Duct.....	34.05	10.72
23 31 16 16-0009 LF 12" Fiber Reinforced Plastic Duct.....	38.37	12.52
23 31 16 16-0010 LF 14" Fiber Reinforced Plastic Duct.....	43.72	13.69
23 31 16 16-0011 LF 16" Fiber Reinforced Plastic Duct.....	47.24	14.56
23 31 16 16-0012 LF 18" Fiber Reinforced Plastic Duct.....	58.58	16.35
23 31 16 16-0013 LF 20" Fiber Reinforced Plastic Duct.....	61.65	17.53
23 31 16 16-0014 LF 24" Fiber Reinforced Plastic Duct.....	75.78	18.71
23 31 16 16-0015 LF 30" Fiber Reinforced Plastic Duct.....	86.81	21.69
23 31 16 16-0016 LF 36" Fiber Reinforced Plastic Duct.....	100.32	26.15
23 31 16 16-0017 LF 42" Fiber Reinforced Plastic Duct.....	133.62	29.12
23 31 16 16-0018 LF 48" Fiber Reinforced Plastic Duct.....	149.71	32.72
23 31 16 16-0019 LF 54" Fiber Reinforced Plastic Duct.....	166.40	37.49
23 31 16 16-0020 LF 60" Fiber Reinforced Plastic Duct.....	188.97	43.74
23 31 16 16-0021 LF 66" Fiber Reinforced Plastic Duct.....	203.30	53.54
23 31 16 16-0022 LF 72" Fiber Reinforced Plastic Duct.....	248.09	65.43

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0023			<b>Fiber Reinforced Plastic Bell</b> (23 31 16 16-0001)		
23 31 16 16-0024	EA		2" Fiber Reinforced Plastic Bell.....	41.04	13.33
23 31 16 16-0025	EA		3" Fiber Reinforced Plastic Bell.....	49.60	15.80
23 31 16 16-0026	EA		4" Fiber Reinforced Plastic Bell.....	56.97	18.59
23 31 16 16-0027	EA		6" Fiber Reinforced Plastic Bell.....	74.77	24.79
23 31 16 16-0028	EA		8" Fiber Reinforced Plastic Bell.....	90.76	30.98
23 31 16 16-0029	EA		10" Fiber Reinforced Plastic Bell.....	104.95	37.17
23 31 16 16-0030	EA		12" Fiber Reinforced Plastic Bell.....	130.12	46.16
23 31 16 16-0031	EA		14" Fiber Reinforced Plastic Bell.....	139.29	49.57
23 31 16 16-0032	EA		16" Fiber Reinforced Plastic Bell.....	150.95	52.97
23 31 16 16-0033	EA		18" Fiber Reinforced Plastic Bell.....	162.60	57.01
23 31 16 16-0034	EA		20" Fiber Reinforced Plastic Bell.....	177.92	61.96
23 31 16 16-0035	EA		24" Fiber Reinforced Plastic Bell.....	208.31	68.15
23 31 16 16-0036	EA		30" Fiber Reinforced Plastic Bell.....	244.10	74.35
23 31 16 16-0037	EA		36" Fiber Reinforced Plastic Bell.....	277.10	83.65
23 31 16 16-0038	EA		42" Fiber Reinforced Plastic Bell.....	310.09	92.94
23 31 16 16-0039	EA		48" Fiber Reinforced Plastic Bell.....	343.06	102.23
23 31 16 16-0040	EA		54" Fiber Reinforced Plastic Bell.....	427.84	123.92
23 31 16 16-0041	EA		60" Fiber Reinforced Plastic Bell.....	507.80	154.90
23 31 16 16-0042	EA		66" Fiber Reinforced Plastic Bell.....	609.33	185.88
23 31 16 16-0043	EA		72" Fiber Reinforced Plastic Bell.....	698.58	210.67
23 31 16 16-0044			<b>Fiber Reinforced Plastic Flange</b> (23 31 16 16-0001)		
23 31 16 16-0045	EA		2" Fiber Reinforced Plastic Flange.....	69.84	13.33
23 31 16 16-0046	EA		3" Fiber Reinforced Plastic Flange.....	80.20	15.80
23 31 16 16-0047	EA		4" Fiber Reinforced Plastic Flange.....	91.17	18.59
23 31 16 16-0048	EA		6" Fiber Reinforced Plastic Flange.....	117.97	24.79
23 31 16 16-0049	EA		8" Fiber Reinforced Plastic Flange.....	142.96	30.98
23 31 16 16-0050	EA		10" Fiber Reinforced Plastic Flange.....	167.95	37.17
23 31 16 16-0051	EA		12" Fiber Reinforced Plastic Flange.....	196.72	46.16
23 31 16 16-0052	EA		14" Fiber Reinforced Plastic Flange.....	220.29	49.57
23 31 16 16-0053	EA		16" Fiber Reinforced Plastic Flange.....	240.95	52.97
23 31 16 16-0054	EA		18" Fiber Reinforced Plastic Flange.....	256.20	57.01
23 31 16 16-0055	EA		20" Fiber Reinforced Plastic Flange.....	267.92	61.96
23 31 16 16-0056	EA		24" Fiber Reinforced Plastic Flange.....	316.31	68.15
23 31 16 16-0057	EA		30" Fiber Reinforced Plastic Flange.....	348.50	74.35
23 31 16 16-0058	EA		36" Fiber Reinforced Plastic Flange.....	433.70	83.65
23 31 16 16-0059	EA		42" Fiber Reinforced Plastic Flange.....	482.89	92.94
23 31 16 16-0060	EA		48" Fiber Reinforced Plastic Flange.....	550.06	102.23
23 31 16 16-0061	EA		54" Fiber Reinforced Plastic Flange.....	643.84	123.92
23 31 16 16-0062	EA		60" Fiber Reinforced Plastic Flange.....	765.20	154.90
23 31 16 16-0063	EA		66" Fiber Reinforced Plastic Flange.....	886.53	185.88
23 31 16 16-0064	EA		72" Fiber Reinforced Plastic Flange.....	1,015.38	210.67
23 31 16 16-0065			<b>Fiber Reinforced Plastic 90 Degree Elbow</b> (23 31 16 16-0001)		
23 31 16 16-0066	EA		2" Fiber Reinforced Plastic 90 Degree Elbow.....	112.94	32.10
23 31 16 16-0067	EA		3" Fiber Reinforced Plastic 90 Degree Elbow.....	132.34	38.35
23 31 16 16-0068	EA		4" Fiber Reinforced Plastic 90 Degree Elbow.....	153.55	44.61
23 31 16 16-0069	EA		6" Fiber Reinforced Plastic 90 Degree Elbow.....	198.13	59.48
23 31 16 16-0070	EA		8" Fiber Reinforced Plastic 90 Degree Elbow.....	242.72	74.35
23 31 16 16-0071	EA		10" Fiber Reinforced Plastic 90 Degree Elbow.....	287.32	89.22
23 31 16 16-0072	EA		12" Fiber Reinforced Plastic 90 Degree Elbow.....	352.31	110.97
23 31 16 16-0073	EA		14" Fiber Reinforced Plastic 90 Degree Elbow.....	402.81	117.47
23 31 16 16-0074	EA		16" Fiber Reinforced Plastic 90 Degree Elbow.....	461.05	127.57
23 31 16 16-0075	EA		18" Fiber Reinforced Plastic 90 Degree Elbow.....	555.63	136.80
23 31 16 16-0076	EA		20" Fiber Reinforced Plastic 90 Degree Elbow.....	643.88	148.71
23 31 16 16-0077	EA		24" Fiber Reinforced Plastic 90 Degree Elbow.....	749.66	163.58
23 31 16 16-0078	EA		30" Fiber Reinforced Plastic 90 Degree Elbow.....	1,026.42	178.45
23 31 16 16-0079	EA		36" Fiber Reinforced Plastic 90 Degree Elbow.....	1,324.63	200.75
23 31 16 16-0080	EA		42" Fiber Reinforced Plastic 90 Degree Elbow.....	1,757.82	223.12
23 31 16 16-0081	EA		48" Fiber Reinforced Plastic 90 Degree Elbow.....	2,092.03	245.42
23 31 16 16-0082	EA		54" Fiber Reinforced Plastic 90 Degree Elbow.....	2,475.68	297.40
23 31 16 16-0083	EA		60" Fiber Reinforced Plastic 90 Degree Elbow.....	2,995.59	371.76
23 31 16 16-0084	EA		66" Fiber Reinforced Plastic 90 Degree Elbow.....	3,515.28	445.99
23 31 16 16-0085	EA		72" Fiber Reinforced Plastic 90 Degree Elbow.....	4,010.31	505.41
23 31 16 16-0086			<b>Fiber Reinforced Plastic 45 Degree Elbow</b> (23 31 16 16-0001)		
23 31 16 16-0087	EA		2" Fiber Reinforced Plastic 45 Degree Elbow.....	93.13	32.10
23 31 16 16-0088	EA		3" Fiber Reinforced Plastic 45 Degree Elbow.....	108.94	38.35
23 31 16 16-0089	EA		4" Fiber Reinforced Plastic 45 Degree Elbow.....	126.54	44.61
23 31 16 16-0090	EA		6" Fiber Reinforced Plastic 45 Degree Elbow.....	158.53	59.48
23 31 16 16-0091	EA		8" Fiber Reinforced Plastic 45 Degree Elbow.....	190.52	74.35
23 31 16 16-0092	EA		10" Fiber Reinforced Plastic 45 Degree Elbow.....	226.16	89.22
23 31 16 16-0093	EA		12" Fiber Reinforced Plastic 45 Degree Elbow.....	278.55	110.97
23 31 16 16-0094	EA		14" Fiber Reinforced Plastic 45 Degree Elbow.....	303.76	117.47



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0095 EA 16" Fiber Reinforced Plastic 45 Degree Elbow .....	367.34	127.51
23 31 16 16-0096 EA 18" Fiber Reinforced Plastic 45 Degree Elbow .....	426.20	136.93
23 31 16 16-0097 EA 20" Fiber Reinforced Plastic 45 Degree Elbow .....	496.24	148.71
23 31 16 16-0098 EA 24" Fiber Reinforced Plastic 45 Degree Elbow .....	574.78	163.45
23 31 16 16-0099 EA 30" Fiber Reinforced Plastic 45 Degree Elbow .....	738.20	178.33
23 31 16 16-0100 EA 36" Fiber Reinforced Plastic 45 Degree Elbow .....	909.12	200.93
23 31 16 16-0101 EA 42" Fiber Reinforced Plastic 45 Degree Elbow .....	1,169.48	223.24
23 31 16 16-0102 EA 48" Fiber Reinforced Plastic 45 Degree Elbow .....	1,381.03	245.42
23 31 16 16-0103 EA 54" Fiber Reinforced Plastic 45 Degree Elbow .....	1,644.08	297.40
23 31 16 16-0104 EA 60" Fiber Reinforced Plastic 45 Degree Elbow .....	1,965.99	371.76
23 31 16 16-0105 EA 66" Fiber Reinforced Plastic 45 Degree Elbow .....	2,307.86	445.12
23 31 16 16-0106 EA 72" Fiber Reinforced Plastic 45 Degree Elbow .....	2,607.22	505.90
<b>23 31 16 16-0107 Fiber Reinforced Plastic Tee (23 31 16 16-0001)</b>		
23 31 16 16-0108 EA 2" Fiber Reinforced Plastic Tee .....	142.81	47.90
23 31 16 16-0109 EA 3" Fiber Reinforced Plastic Tee .....	168.16	57.68
23 31 16 16-0110 EA 4" Fiber Reinforced Plastic Tee .....	192.52	66.91
23 31 16 16-0111 EA 6" Fiber Reinforced Plastic Tee .....	247.72	89.22
23 31 16 16-0112 EA 8" Fiber Reinforced Plastic Tee .....	301.91	110.97
23 31 16 16-0113 EA 10" Fiber Reinforced Plastic Tee .....	359.03	134.45
23 31 16 16-0114 EA 12" Fiber Reinforced Plastic Tee .....	433.61	162.95
23 31 16 16-0115 EA 14" Fiber Reinforced Plastic Tee .....	473.92	176.34
23 31 16 16-0116 EA 16" Fiber Reinforced Plastic Tee .....	553.24	191.58
23 31 16 16-0117 EA 18" Fiber Reinforced Plastic Tee .....	630.01	205.21
23 31 16 16-0118 EA 20" Fiber Reinforced Plastic Tee .....	731.82	223.12
23 31 16 16-0119 EA 24" Fiber Reinforced Plastic Tee .....	841.03	245.42
23 31 16 16-0120 EA 30" Fiber Reinforced Plastic Tee .....	1,013.01	267.60
23 31 16 16-0121 EA 36" Fiber Reinforced Plastic Tee .....	1,222.11	301.25
23 31 16 16-0122 EA 42" Fiber Reinforced Plastic Tee .....	1,637.79	334.71
23 31 16 16-0123 EA 48" Fiber Reinforced Plastic Tee .....	1,963.70	368.23
23 31 16 16-0124 EA 54" Fiber Reinforced Plastic Tee .....	2,364.00	446.42
23 31 16 16-0125 EA 60" Fiber Reinforced Plastic Tee .....	2,819.77	557.89
23 31 16 16-0126 EA 66" Fiber Reinforced Plastic Tee .....	3,275.19	669.11
23 31 16 16-0127 EA 72" Fiber Reinforced Plastic Tee .....	3,694.49	758.70
<b>23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)</b>		
23 31 16 16-0129 EA 2" Fiber Reinforced Plastic Lateral Joint .....	115.80	47.90
23 31 16 16-0130 EA 3" Fiber Reinforced Plastic Lateral Joint .....	135.74	57.68
23 31 16 16-0131 EA 4" Fiber Reinforced Plastic Lateral Joint .....	154.74	66.91
23 31 16 16-0132 EA 6" Fiber Reinforced Plastic Lateral Joint .....	195.56	89.22
23 31 16 16-0133 EA 8" Fiber Reinforced Plastic Lateral Joint .....	235.35	110.97
23 31 16 16-0134 EA 10" Fiber Reinforced Plastic Lateral Joint .....	281.67	134.45
23 31 16 16-0135 EA 12" Fiber Reinforced Plastic Lateral Joint .....	336.55	163.08
23 31 16 16-0136 EA 14" Fiber Reinforced Plastic Lateral Joint .....	365.65	176.22
23 31 16 16-0137 EA 16" Fiber Reinforced Plastic Lateral Joint .....	402.19	191.64
23 31 16 16-0138 EA 18" Fiber Reinforced Plastic Lateral Joint .....	435.92	205.40
23 31 16 16-0139 EA 20" Fiber Reinforced Plastic Lateral Joint .....	476.48	223.24
23 31 16 16-0140 EA 24" Fiber Reinforced Plastic Lateral Joint .....	527.83	245.42
23 31 16 16-0141 EA 30" Fiber Reinforced Plastic Lateral Joint .....	584.36	267.48
23 31 16 16-0142 EA 36" Fiber Reinforced Plastic Lateral Joint .....	660.18	301.07
23 31 16 16-0143 EA 42" Fiber Reinforced Plastic Lateral Joint .....	738.20	334.89
23 31 16 16-0144 EA 48" Fiber Reinforced Plastic Lateral Joint .....	811.46	368.10
23 31 16 16-0145 EA 54" Fiber Reinforced Plastic Lateral Joint .....	966.86	445.12
23 31 16 16-0146 EA 60" Fiber Reinforced Plastic Lateral Joint .....	1,174.44	558.87
23 31 16 16-0147 EA 66" Fiber Reinforced Plastic Lateral Joint .....	1,421.99	669.60
23 31 16 16-0148 EA 72" Fiber Reinforced Plastic Lateral Joint .....	1,588.49	758.70
<b>23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)</b>		
23 31 16 16-0150 EA 2" Fiber Reinforced Plastic One Piece Reducer .....	100.36	32.16
23 31 16 16-0151 EA 3" Fiber Reinforced Plastic One Piece Reducer .....	117.98	38.42
23 31 16 16-0152 EA 4" Fiber Reinforced Plastic One Piece Reducer .....	139.18	44.61
23 31 16 16-0153 EA 6" Fiber Reinforced Plastic One Piece Reducer .....	178.33	59.48
23 31 16 16-0154 EA 8" Fiber Reinforced Plastic One Piece Reducer .....	213.92	74.35
23 31 16 16-0155 EA 10" Fiber Reinforced Plastic One Piece Reducer .....	257.30	89.59
23 31 16 16-0156 EA 12" Fiber Reinforced Plastic One Piece Reducer .....	303.75	110.97
23 31 16 16-0157 EA 14" Fiber Reinforced Plastic One Piece Reducer .....	325.36	117.47
23 31 16 16-0158 EA 16" Fiber Reinforced Plastic One Piece Reducer .....	360.14	127.51
23 31 16 16-0159 EA 18" Fiber Reinforced Plastic One Piece Reducer .....	397.40	136.93
23 31 16 16-0160 EA 20" Fiber Reinforced Plastic One Piece Reducer .....	445.84	148.71
23 31 16 16-0161 EA 24" Fiber Reinforced Plastic One Piece Reducer .....	510.55	163.76
23 31 16 16-0162 EA 30" Fiber Reinforced Plastic One Piece Reducer .....	575.09	178.76
23 31 16 16-0163 EA 36" Fiber Reinforced Plastic One Piece Reducer .....	651.72	200.93
23 31 16 16-0164 EA 42" Fiber Reinforced Plastic One Piece Reducer .....	728.48	223.24
23 31 16 16-0165 EA 48" Fiber Reinforced Plastic One Piece Reducer .....	823.03	245.42
23 31 16 16-0166 EA 54" Fiber Reinforced Plastic One Piece Reducer .....	972.68	297.40
23 31 16 16-0167 EA 60" Fiber Reinforced Plastic One Piece Reducer .....	1,154.19	371.76
23 31 16 16-0168 EA 66" Fiber Reinforced Plastic One Piece Reducer .....	1,281.86	445.12
23 31 16 16-0169 EA 72" Fiber Reinforced Plastic One Piece Reducer .....	1,437.22	505.90

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts And Casings**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer <small>(23 31 16 16-0001)</small>					
23 31 16 16-0171	EA		2" Fiber Reinforced Plastic Two Piece Reducer .....	121.96	32.16
23 31 16 16-0172	EA		3" Fiber Reinforced Plastic Two Piece Reducer .....	132.38	38.42
23 31 16 16-0173	EA		4" Fiber Reinforced Plastic Two Piece Reducer .....	153.58	44.61
23 31 16 16-0174	EA		6" Fiber Reinforced Plastic Two Piece Reducer .....	198.13	59.48
23 31 16 16-0175	EA		8" Fiber Reinforced Plastic Two Piece Reducer .....	242.72	74.35
23 31 16 16-0176	EA		10" Fiber Reinforced Plastic Two Piece Reducer .....	287.90	89.59
23 31 16 16-0177	EA		12" Fiber Reinforced Plastic Two Piece Reducer .....	343.35	110.97
23 31 16 16-0178	EA		14" Fiber Reinforced Plastic Two Piece Reducer .....	375.76	117.47
23 31 16 16-0179	EA		16" Fiber Reinforced Plastic Two Piece Reducer .....	410.54	127.51
23 31 16 16-0180	EA		18" Fiber Reinforced Plastic Two Piece Reducer .....	465.80	136.93
23 31 16 16-0181	EA		20" Fiber Reinforced Plastic Two Piece Reducer .....	597.04	148.71
23 31 16 16-0182	EA		24" Fiber Reinforced Plastic Two Piece Reducer .....	731.95	163.76
23 31 16 16-0183	EA		30" Fiber Reinforced Plastic Two Piece Reducer .....	783.89	178.76
23 31 16 16-0184	EA		36" Fiber Reinforced Plastic Two Piece Reducer .....	892.92	200.93
23 31 16 16-0185	EA		42" Fiber Reinforced Plastic Two Piece Reducer .....	966.08	223.24
23 31 16 16-0186	EA		48" Fiber Reinforced Plastic Two Piece Reducer .....	1,057.03	245.42
23 31 16 16-0187	EA		54" Fiber Reinforced Plastic Two Piece Reducer .....	1,161.68	297.40
23 31 16 16-0188	EA		60" Fiber Reinforced Plastic Two Piece Reducer .....	1,332.39	371.76
23 31 16 16-0189	EA		66" Fiber Reinforced Plastic Two Piece Reducer .....	1,479.86	445.12
23 31 16 16-0190	EA		72" Fiber Reinforced Plastic Two Piece Reducer .....	1,617.22	505.90

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers <small>(23 31 16 16-0001)</small>					
23 31 16 16-0192	EA		2" Fiber Reinforced Plastic Damper .....	224.53	32.10
23 31 16 16-0193	EA		3" Fiber Reinforced Plastic Damper .....	252.94	38.35
23 31 16 16-0194	EA		4" Fiber Reinforced Plastic Damper .....	281.35	44.61
23 31 16 16-0195	EA		6" Fiber Reinforced Plastic Damper .....	333.13	59.48
23 31 16 16-0196	EA		8" Fiber Reinforced Plastic Damper .....	393.92	74.35
23 31 16 16-0197	EA		10" Fiber Reinforced Plastic Damper .....	445.72	89.22
23 31 16 16-0198	EA		12" Fiber Reinforced Plastic Damper .....	508.91	110.97
23 31 16 16-0199	EA		14" Fiber Reinforced Plastic Damper .....	564.81	117.47
23 31 16 16-0200	EA		16" Fiber Reinforced Plastic Damper .....	626.65	127.57
23 31 16 16-0201	EA		18" Fiber Reinforced Plastic Damper .....	687.03	136.80
23 31 16 16-0202	EA		20" Fiber Reinforced Plastic Damper .....	733.88	148.71
23 31 16 16-0203	EA		24" Fiber Reinforced Plastic Damper .....	830.66	163.58
23 31 16 16-0204	EA		30" Fiber Reinforced Plastic Damper .....	963.42	178.45
23 31 16 16-0205	EA		36" Fiber Reinforced Plastic Damper .....	1,108.63	200.75
23 31 16 16-0206	EA		42" Fiber Reinforced Plastic Damper .....	1,271.82	223.12
23 31 16 16-0207	EA		48" Fiber Reinforced Plastic Damper .....	1,417.03	245.42
23 31 16 16-0208	EA		54" Fiber Reinforced Plastic Damper .....	1,665.68	297.40
23 31 16 16-0209	EA		60" Fiber Reinforced Plastic Damper .....	1,951.59	371.76
23 31 16 16-0210	EA		66" Fiber Reinforced Plastic Damper .....	2,219.28	445.99
23 31 16 16-0211	EA		72" Fiber Reinforced Plastic Damper .....	2,552.31	505.41

**23 33 Air Duct Accessories (23 30)**

**23 33 13 Dampers (23 33)**

**23 33 13 13 Volume-Control Dampers (23 33 13)**

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction <small>(23 33 13 13)</small>					
23 33 13 13-0002	EA		6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	35.11	5.47
			<i>For Stainless Steel, Add</i> .....	18.08	
			<i>For Parallel Blade Damper, Add</i> .....	5.56	
23 33 13 13-0003	EA		7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	38.72	6.15
			<i>For Stainless Steel, Add</i> .....	18.36	
			<i>For Parallel Blade Damper, Add</i> .....	5.65	
23 33 13 13-0004	EA		8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	42.85	6.83
			<i>For Stainless Steel, Add</i> .....	18.54	
			<i>For Parallel Blade Damper, Add</i> .....	5.70	
23 33 13 13-0005	EA		10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	46.68	8.20
			<i>For Stainless Steel, Add</i> .....	19.71	
			<i>For Parallel Blade Damper, Add</i> .....	6.06	
23 33 13 13-0006	EA		12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	51.18	8.88
			<i>For Stainless Steel, Add</i> .....	20.87	
			<i>For Parallel Blade Damper, Add</i> .....	6.42	
23 33 13 13-0007	EA		14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	58.93	9.56
			<i>For Stainless Steel, Add</i> .....	26.66	
			<i>For Parallel Blade Damper, Add</i> .....	8.20	
23 33 13 13-0008	EA		15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	64.69	10.25
			<i>For Stainless Steel, Add</i> .....	28.98	
			<i>For Parallel Blade Damper, Add</i> .....	8.92	
23 33 13 13-0009	EA		16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	68.72	11.62
			<i>For Stainless Steel, Add</i> .....	30.13	
			<i>For Parallel Blade Damper, Add</i> .....	9.27	
23 33 13 13-0010	EA		18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	75.03	12.29
			<i>For Stainless Steel, Add</i> .....	33.61	
			<i>For Parallel Blade Damper, Add</i> .....	10.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0011 EA 20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	85.56	13.66
<i>For Stainless Steel, Add</i>	41.73	
<i>For Parallel Blade Damper, Add</i>	12.84	
23 33 13 13-0012 EA 24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	92.44	13.66
<i>For Stainless Steel, Add</i>	47.52	
<i>For Parallel Blade Damper, Add</i>	14.62	
23 33 13 13-0013 EA 30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	104.27	15.71
<i>For Stainless Steel, Add</i>	55.63	
<i>For Parallel Blade Damper, Add</i>	17.12	
23 33 13 13-0014 EA 36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	111.34	16.40
<i>For Stainless Steel, Add</i>	60.62	
<i>For Parallel Blade Damper, Add</i>	18.65	
<b>23 33 13 13-0015 Rectangular Opposed Blade Damper <small>(23 33 13 13)</small></b>		
23 33 13 13-0016 EA 6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	51.50	7.58
<i>For Stainless Steel, Add</i>	37.38	
<i>For Parallel Blade Damper, Add</i>	11.50	
23 33 13 13-0017 EA 8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	54.57	7.92
<i>For Stainless Steel, Add</i>	40.03	
<i>For Parallel Blade Damper, Add</i>	12.32	
23 33 13 13-0018 EA 8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	56.75	7.99
<i>For Stainless Steel, Add</i>	42.69	
<i>For Parallel Blade Damper, Add</i>	13.14	
23 33 13 13-0019 EA 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	56.75	7.99
<i>For Stainless Steel, Add</i>	42.69	
<i>For Parallel Blade Damper, Add</i>	13.14	
23 33 13 13-0020 EA 10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	59.50	8.20
<i>For Stainless Steel, Add</i>	45.37	
<i>For Parallel Blade Damper, Add</i>	13.96	
23 33 13 13-0021 EA 10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	66.32	9.08
<i>For Stainless Steel, Add</i>	50.69	
<i>For Parallel Blade Damper, Add</i>	15.60	
23 33 13 13-0022 EA 12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	59.50	8.20
<i>For Stainless Steel, Add</i>	45.37	
<i>For Parallel Blade Damper, Add</i>	13.96	
23 33 13 13-0023 EA 12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	64.96	8.68
<i>For Stainless Steel, Add</i>	50.69	
<i>For Parallel Blade Damper, Add</i>	15.60	
23 33 13 13-0024 EA 12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	68.39	9.08
<i>For Stainless Steel, Add</i>	53.38	
<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13 13-0025 EA 12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	73.87	10.25
<i>For Stainless Steel, Add</i>	56.06	
<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13 13-0026 EA 14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	63.95	8.68
<i>For Stainless Steel, Add</i>	49.37	
<i>For Parallel Blade Damper, Add</i>	15.19	
23 33 13 13-0027 EA 14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	68.39	9.08
<i>For Stainless Steel, Add</i>	53.38	
<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13 13-0028 EA 14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	71.82	9.57
<i>For Stainless Steel, Add</i>	56.06	
<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13 13-0029 EA 14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	75.92	10.25
<i>For Stainless Steel, Add</i>	58.72	
<i>For Parallel Blade Damper, Add</i>	18.07	
23 33 13 13-0030 EA 14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	84.46	11.41
<i>For Stainless Steel, Add</i>	65.39	
<i>For Parallel Blade Damper, Add</i>	20.12	
23 33 13 13-0031 EA 16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	68.39	9.08
<i>For Stainless Steel, Add</i>	53.38	
<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13 13-0032 EA 16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	72.51	9.77
<i>For Stainless Steel, Add</i>	56.06	
<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13 13-0033 EA 16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	77.29	10.73
<i>For Stainless Steel, Add</i>	58.72	
<i>For Parallel Blade Damper, Add</i>	18.07	
23 33 13 13-0034 EA 16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	81.38	11.41
<i>For Stainless Steel, Add</i>	61.39	
<i>For Parallel Blade Damper, Add</i>	18.89	
23 33 13 13-0035 EA 16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	89.95	12.50
<i>For Stainless Steel, Add</i>	68.08	
<i>For Parallel Blade Damper, Add</i>	20.95	
23 33 13 13-0036 EA 16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	98.49	13.67
<i>For Stainless Steel, Add</i>	74.74	
<i>For Parallel Blade Damper, Add</i>	23.00	
23 33 13 13-0037 EA 18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	71.82	9.57
<i>For Stainless Steel, Add</i>	56.06	
<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13 13-0038 EA 18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	76.94	10.25
<i>For Stainless Steel, Add</i>	60.05	
<i>For Parallel Blade Damper, Add</i>	18.48	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0039	EA		18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	83.44	11.41
			<i>For Stainless Steel, Add</i> .....	64.06	
			<i>For Parallel Blade Damper, Add</i> .....	19.71	
23 33 13 13-0040	EA		18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	92.00	12.50
			<i>For Stainless Steel, Add</i> .....	70.75	
			<i>For Parallel Blade Damper, Add</i> .....	21.77	
23 33 13 13-0041	EA		18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	99.52	13.67
			<i>For Stainless Steel, Add</i> .....	76.08	
			<i>For Parallel Blade Damper, Add</i> .....	23.41	
23 33 13 13-0042	EA		18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	108.06	14.76
			<i>For Stainless Steel, Add</i> .....	82.73	
			<i>For Parallel Blade Damper, Add</i> .....	25.46	
23 33 13 13-0043	EA		18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	114.56	15.92
			<i>For Stainless Steel, Add</i> .....	86.75	
			<i>For Parallel Blade Damper, Add</i> .....	26.69	
23 33 13 13-0044	EA		20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	75.92	10.25
			<i>For Stainless Steel, Add</i> .....	58.72	
			<i>For Parallel Blade Damper, Add</i> .....	18.07	
23 33 13 13-0045	EA		20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	83.43	11.41
			<i>For Stainless Steel, Add</i> .....	64.05	
			<i>For Parallel Blade Damper, Add</i> .....	19.71	
23 33 13 13-0046	EA		20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	90.96	12.50
			<i>For Stainless Steel, Add</i> .....	69.39	
			<i>For Parallel Blade Damper, Add</i> .....	21.35	
23 33 13 13-0047	EA		20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	102.60	13.67
			<i>For Stainless Steel, Add</i> .....	80.08	
			<i>For Parallel Blade Damper, Add</i> .....	24.64	
23 33 13 13-0048	EA		20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	109.11	14.76
			<i>For Stainless Steel, Add</i> .....	84.10	
			<i>For Parallel Blade Damper, Add</i> .....	25.88	
23 33 13 13-0049	EA		20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	115.60	15.92
			<i>For Stainless Steel, Add</i> .....	88.10	
			<i>For Parallel Blade Damper, Add</i> .....	27.11	
23 33 13 13-0050	EA		20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	123.11	17.09
			<i>For Stainless Steel, Add</i> .....	93.42	
			<i>For Parallel Blade Damper, Add</i> .....	28.74	
23 33 13 13-0051	EA		20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	130.62	18.18
			<i>For Stainless Steel, Add</i> .....	98.75	
			<i>For Parallel Blade Damper, Add</i> .....	30.38	
23 33 13 13-0052	EA		24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	85.49	11.41
			<i>For Stainless Steel, Add</i> .....	66.73	
			<i>For Parallel Blade Damper, Add</i> .....	20.53	
23 33 13 13-0053	EA		24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	95.07	12.50
			<i>For Stainless Steel, Add</i> .....	74.74	
			<i>For Parallel Blade Damper, Add</i> .....	23.00	
23 33 13 13-0054	EA		24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	102.60	13.67
			<i>For Stainless Steel, Add</i> .....	80.08	
			<i>For Parallel Blade Damper, Add</i> .....	24.64	
23 33 13 13-0055	EA		24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	112.19	14.76
			<i>For Stainless Steel, Add</i> .....	88.10	
			<i>For Parallel Blade Damper, Add</i> .....	27.11	
23 33 13 13-0056	EA		24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	118.67	15.92
			<i>For Stainless Steel, Add</i> .....	92.09	
			<i>For Parallel Blade Damper, Add</i> .....	28.34	
23 33 13 13-0057	EA		24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	125.17	17.09
			<i>For Stainless Steel, Add</i> .....	96.10	
			<i>For Parallel Blade Damper, Add</i> .....	29.57	
23 33 13 13-0058	EA		24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	134.73	18.18
			<i>For Stainless Steel, Add</i> .....	104.09	
			<i>For Parallel Blade Damper, Add</i> .....	32.03	
23 33 13 13-0059	EA		24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	147.71	20.49
			<i>For Stainless Steel, Add</i> .....	112.09	
			<i>For Parallel Blade Damper, Add</i> .....	34.49	
23 33 13 13-0060	EA		24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	162.79	22.75
			<i>For Stainless Steel, Add</i> .....	122.80	
			<i>For Parallel Blade Damper, Add</i> .....	37.78	
23 33 13 13-0061	EA		28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	95.07	12.50
			<i>For Stainless Steel, Add</i> .....	74.74	
			<i>For Parallel Blade Damper, Add</i> .....	23.00	
23 33 13 13-0062	EA		28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	102.60	13.67
			<i>For Stainless Steel, Add</i> .....	80.08	
			<i>For Parallel Blade Damper, Add</i> .....	24.64	
23 33 13 13-0063	EA		28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	112.19	14.76
			<i>For Stainless Steel, Add</i> .....	88.10	
			<i>For Parallel Blade Damper, Add</i> .....	27.11	
23 33 13 13-0064	EA		28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	119.69	15.92
			<i>For Stainless Steel, Add</i> .....	93.42	
			<i>For Parallel Blade Damper, Add</i> .....	28.74	
23 33 13 13-0065	EA		28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	128.24	17.09
			<i>For Stainless Steel, Add</i> .....	100.09	
			<i>For Parallel Blade Damper, Add</i> .....	30.80	
23 33 13 13-0066	EA		28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	136.77	18.18
			<i>For Stainless Steel, Add</i> .....	106.74	
			<i>For Parallel Blade Damper, Add</i> .....	32.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0067 EA 28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	149.77	20.49
<i>For Stainless Steel, Add</i>	114.76	
<i>For Parallel Blade Damper, Add</i>	35.31	
23 33 13 13-0068 EA 28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	162.79	22.75
<i>For Stainless Steel, Add</i>	122.80	
<i>For Parallel Blade Damper, Add</i>	37.78	
23 33 13 13-0069 EA 28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	178.51	23.91
<i>For Stainless Steel, Add</i>	138.79	
<i>For Parallel Blade Damper, Add</i>	42.70	
23 33 13 13-0070 EA 28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	195.60	26.17
<i>For Stainless Steel, Add</i>	152.13	
<i>For Parallel Blade Damper, Add</i>	46.81	
23 33 13 13-0071 EA 32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	108.77	13.67
<i>For Stainless Steel, Add</i>	88.10	
<i>For Parallel Blade Damper, Add</i>	27.11	
23 33 13 13-0072 EA 32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	114.23	14.76
<i>For Stainless Steel, Add</i>	90.75	
<i>For Parallel Blade Damper, Add</i>	27.92	
23 33 13 13-0073 EA 32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	119.69	15.92
<i>For Stainless Steel, Add</i>	93.42	
<i>For Parallel Blade Damper, Add</i>	28.74	
23 33 13 13-0074 EA 32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	127.21	17.09
<i>For Stainless Steel, Add</i>	98.75	
<i>For Parallel Blade Damper, Add</i>	30.38	
23 33 13 13-0075 EA 32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	137.17	18.18
<i>For Stainless Steel, Add</i>	107.26	
<i>For Parallel Blade Damper, Add</i>	33.00	
23 33 13 13-0076 EA 32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	149.77	20.49
<i>For Stainless Steel, Add</i>	114.76	
<i>For Parallel Blade Damper, Add</i>	35.31	
23 33 13 13-0077 EA 32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	164.84	22.75
<i>For Stainless Steel, Add</i>	125.46	
<i>For Parallel Blade Damper, Add</i>	38.60	
23 33 13 13-0078 EA 32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	179.88	25.01
<i>For Stainless Steel, Add</i>	136.14	
<i>For Parallel Blade Damper, Add</i>	41.89	
23 33 13 13-0079 EA 32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	195.60	26.17
<i>For Stainless Steel, Add</i>	152.13	
<i>For Parallel Blade Damper, Add</i>	46.81	
23 33 13 13-0080 EA 32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	215.45	28.01
<i>For Stainless Steel, Add</i>	170.83	
<i>For Parallel Blade Damper, Add</i>	52.56	
23 33 13 13-0081 EA 32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	236.67	29.59
<i>For Stainless Steel, Add</i>	192.19	
<i>For Parallel Blade Damper, Add</i>	59.14	
23 33 13 13-0082 EA 36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	118.34	14.76
<i>For Stainless Steel, Add</i>	96.10	
<i>For Parallel Blade Damper, Add</i>	29.57	
23 33 13 13-0083 EA 36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	125.85	15.92
<i>For Stainless Steel, Add</i>	101.43	
<i>For Parallel Blade Damper, Add</i>	31.21	
23 33 13 13-0084 EA 36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	133.36	17.09
<i>For Stainless Steel, Add</i>	106.74	
<i>For Parallel Blade Damper, Add</i>	32.84	
23 33 13 13-0085 EA 36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	142.94	18.18
<i>For Stainless Steel, Add</i>	114.76	
<i>For Parallel Blade Damper, Add</i>	35.31	
23 33 13 13-0086 EA 36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	152.87	20.49
<i>For Stainless Steel, Add</i>	118.79	
<i>For Parallel Blade Damper, Add</i>	36.55	
23 33 13 13-0087 EA 36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	159.37	21.59
<i>For Stainless Steel, Add</i>	122.80	
<i>For Parallel Blade Damper, Add</i>	37.78	
23 33 13 13-0088 EA 36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	179.88	25.01
<i>For Stainless Steel, Add</i>	136.14	
<i>For Parallel Blade Damper, Add</i>	41.89	
23 33 13 13-0089 EA 36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	196.97	27.33
<i>For Stainless Steel, Add</i>	149.46	
<i>For Parallel Blade Damper, Add</i>	45.99	
23 33 13 13-0090 EA 36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	212.03	28.22
<i>For Stainless Steel, Add</i>	165.49	
<i>For Parallel Blade Damper, Add</i>	50.92	
23 33 13 13-0091 EA 36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	234.59	30.27
<i>For Stainless Steel, Add</i>	186.82	
<i>For Parallel Blade Damper, Add</i>	57.48	
23 33 13 13-0092 EA 36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	253.75	31.85
<i>For Stainless Steel, Add</i>	205.52	
<i>For Parallel Blade Damper, Add</i>	63.24	
23 33 13 13-0093 EA 36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	273.60	33.00
<i>For Stainless Steel, Add</i>	226.88	
<i>For Parallel Blade Damper, Add</i>	69.81	
23 33 13 13-0094 EA 40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	123.79	17.09
<i>For Stainless Steel, Add</i>	98.75	
<i>For Parallel Blade Damper, Add</i>	30.38	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0095 EA 40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	135.42	18.18
For Stainless Steel, Add	109.42	
For Parallel Blade Damper, Add	33.67	
23 33 13 13-0096 EA 40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	140.88	19.34
For Stainless Steel, Add	112.09	
For Parallel Blade Damper, Add	34.49	
23 33 13 13-0097 EA 40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	146.36	20.49
For Stainless Steel, Add	114.76	
For Parallel Blade Damper, Add	35.31	
23 33 13 13-0098 EA 40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	160.38	21.59
For Stainless Steel, Add	124.11	
For Parallel Blade Damper, Add	38.19	
23 33 13 13-0099 EA 40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	171.00	22.75
For Stainless Steel, Add	133.47	
For Parallel Blade Damper, Add	41.07	
23 33 13 13-0100 EA 40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	189.45	26.17
For Stainless Steel, Add	144.13	
For Parallel Blade Damper, Add	44.35	
23 33 13 13-0101 EA 40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	204.51	28.43
For Stainless Steel, Add	154.82	
For Parallel Blade Damper, Add	47.64	
23 33 13 13-0102 EA 40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	222.29	30.27
For Stainless Steel, Add	170.83	
For Parallel Blade Damper, Add	52.56	
23 33 13 13-0103 EA 40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	249.65	31.85
For Stainless Steel, Add	200.19	
For Parallel Blade Damper, Add	61.60	
23 33 13 13-0104 EA 40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	267.42	33.69
For Stainless Steel, Add	216.18	
For Parallel Blade Damper, Add	66.52	
23 33 13 13-0105 EA 40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	292.75	34.58
For Stainless Steel, Add	245.56	
For Parallel Blade Damper, Add	75.56	
23 33 13 13-0106 EA 40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	318.76	36.42
For Stainless Steel, Add	272.26	
For Parallel Blade Damper, Add	83.77	
23 33 13 13-0107 EA 44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	131.32	17.09
For Stainless Steel, Add	104.09	
For Parallel Blade Damper, Add	32.03	
23 33 13 13-0108 EA 44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	142.94	18.18
For Stainless Steel, Add	114.76	
For Parallel Blade Damper, Add	35.31	
23 33 13 13-0109 EA 44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	152.54	19.34
For Stainless Steel, Add	122.80	
For Parallel Blade Damper, Add	37.78	
23 33 13 13-0110 EA 44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	158.00	20.49
For Stainless Steel, Add	125.46	
For Parallel Blade Damper, Add	38.60	
23 33 13 13-0111 EA 44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	169.63	21.59
For Stainless Steel, Add	136.14	
For Parallel Blade Damper, Add	41.89	
23 33 13 13-0112 EA 44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	181.26	22.75
For Stainless Steel, Add	146.81	
For Parallel Blade Damper, Add	45.17	
23 33 13 13-0113 EA 44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	205.20	27.33
For Stainless Steel, Add	160.16	
For Parallel Blade Damper, Add	49.28	
23 33 13 13-0114 EA 44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	222.28	29.59
For Stainless Steel, Add	173.49	
For Parallel Blade Damper, Add	53.38	
23 33 13 13-0115 EA 44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	249.65	31.85
For Stainless Steel, Add	200.19	
For Parallel Blade Damper, Add	61.60	
23 33 13 13-0116 EA 44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	274.96	34.16
For Stainless Steel, Add	224.21	
For Parallel Blade Damper, Add	68.99	
23 33 13 13-0117 EA 44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	302.32	36.42
For Stainless Steel, Add	250.89	
For Parallel Blade Damper, Add	77.20	
23 33 13 13-0118 EA 44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	324.21	37.51
For Stainless Steel, Add	274.91	
For Parallel Blade Damper, Add	84.59	
23 33 13 13-0119 EA 44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	346.11	38.67
For Stainless Steel, Add	298.94	
For Parallel Blade Damper, Add	91.98	
23 33 13 13-0120 EA 44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	368.02	39.84
For Stainless Steel, Add	322.97	
For Parallel Blade Damper, Add	99.38	
23 33 13 13-0121 EA 48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	140.88	18.18
For Stainless Steel, Add	112.09	
For Parallel Blade Damper, Add	34.49	
23 33 13 13-0122 EA 48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	152.54	19.34
For Stainless Steel, Add	122.80	
For Parallel Blade Damper, Add	37.78	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0123 EA 48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	158.00	20.49
For Stainless Steel, Add	125.46	
For Parallel Blade Damper, Add	38.60	
23 33 13 13-0124 EA 48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	171.00	22.75
For Stainless Steel, Add	133.47	
For Parallel Blade Damper, Add	41.07	
23 33 13 13-0125 EA 48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	186.03	25.01
For Stainless Steel, Add	144.13	
For Parallel Blade Damper, Add	44.35	
23 33 13 13-0126 EA 48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	201.09	27.33
For Stainless Steel, Add	154.82	
For Parallel Blade Damper, Add	47.64	
23 33 13 13-0127 EA 48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	220.24	29.59
For Stainless Steel, Add	170.83	
For Parallel Blade Damper, Add	52.56	
23 33 13 13-0128 EA 48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	239.37	31.85
For Stainless Steel, Add	186.82	
For Parallel Blade Damper, Add	57.48	
23 33 13 13-0129 EA 48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	264.69	34.16
For Stainless Steel, Add	210.86	
For Parallel Blade Damper, Add	64.88	
23 33 13 13-0130 EA 48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	294.11	36.42
For Stainless Steel, Add	240.21	
For Parallel Blade Damper, Add	73.91	
23 33 13 13-0131 EA 48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	316.02	37.51
For Stainless Steel, Add	264.26	
For Parallel Blade Damper, Add	81.31	
23 33 13 13-0132 EA 48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	344.06	38.67
For Stainless Steel, Add	296.27	
For Parallel Blade Damper, Add	91.16	
23 33 13 13-0133 EA 48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	369.38	40.93
For Stainless Steel, Add	320.29	
For Parallel Blade Damper, Add	98.55	
23 33 13 13-0134 EA 48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	397.43	42.09
For Stainless Steel, Add	352.33	
For Parallel Blade Damper, Add	108.41	
23 33 13 13-0135 EA 48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	424.10	45.51
For Stainless Steel, Add	373.67	
For Parallel Blade Damper, Add	114.98	
23 33 13 13-0136 EA 52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	150.48	19.34
For Stainless Steel, Add	120.12	
For Parallel Blade Damper, Add	36.96	
23 33 13 13-0137 EA 52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	162.10	20.49
For Stainless Steel, Add	130.79	
For Parallel Blade Damper, Add	40.24	
23 33 13 13-0138 EA 52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	177.15	22.75
For Stainless Steel, Add	141.47	
For Parallel Blade Damper, Add	43.53	
23 33 13 13-0139 EA 52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	186.03	25.01
For Stainless Steel, Add	144.13	
For Parallel Blade Damper, Add	44.35	
23 33 13 13-0140 EA 52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	202.12	27.33
For Stainless Steel, Add	156.16	
For Parallel Blade Damper, Add	48.05	
23 33 13 13-0141 EA 52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	218.19	29.59
For Stainless Steel, Add	168.17	
For Parallel Blade Damper, Add	51.74	
23 33 13 13-0142 EA 52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	237.33	31.85
For Stainless Steel, Add	184.17	
For Parallel Blade Damper, Add	56.67	
23 33 13 13-0143 EA 52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	256.48	34.16
For Stainless Steel, Add	200.19	
For Parallel Blade Damper, Add	61.60	
23 33 13 13-0144 EA 52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	281.80	36.42
For Stainless Steel, Add	224.21	
For Parallel Blade Damper, Add	68.99	
23 33 13 13-0145 EA 52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	313.26	38.67
For Stainless Steel, Add	256.23	
For Parallel Blade Damper, Add	78.84	
23 33 13 13-0146 EA 52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	337.20	39.84
For Stainless Steel, Add	282.91	
For Parallel Blade Damper, Add	87.05	
23 33 13 13-0147 EA 52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	367.33	40.93
For Stainless Steel, Add	317.63	
For Parallel Blade Damper, Add	97.73	
23 33 13 13-0148 EA 52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	398.77	43.26
For Stainless Steel, Add	349.64	
For Parallel Blade Damper, Add	107.58	
23 33 13 13-0149 EA 52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	424.10	45.51
For Stainless Steel, Add	373.67	
For Parallel Blade Damper, Add	114.98	
23 33 13 13-0150 EA 52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	458.99	48.92
For Stainless Steel, Add	405.70	
For Parallel Blade Damper, Add	124.83	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0151	EA		52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	486.36	51.18
			<i>For Stainless Steel, Add</i>	432.41	
			<i>For Parallel Blade Damper, Add</i>	133.05	
23 33 13 13-0152	EA		56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	158.00	20.49
			<i>For Stainless Steel, Add</i>	125.46	
			<i>For Parallel Blade Damper, Add</i>	38.60	
23 33 13 13-0153	EA		56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	175.09	22.75
			<i>For Stainless Steel, Add</i>	138.79	
			<i>For Parallel Blade Damper, Add</i>	42.70	
23 33 13 13-0154	EA		56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	188.09	25.01
			<i>For Stainless Steel, Add</i>	146.81	
			<i>For Parallel Blade Damper, Add</i>	45.17	
23 33 13 13-0155	EA		56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	196.97	27.33
			<i>For Stainless Steel, Add</i>	149.46	
			<i>For Parallel Blade Damper, Add</i>	45.99	
23 33 13 13-0156	EA		56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	215.10	29.59
			<i>For Stainless Steel, Add</i>	164.15	
			<i>For Parallel Blade Damper, Add</i>	50.51	
23 33 13 13-0157	EA		56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	233.22	31.85
			<i>For Stainless Steel, Add</i>	178.83	
			<i>For Parallel Blade Damper, Add</i>	55.02	
23 33 13 13-0158	EA		56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	251.34	34.16
			<i>For Stainless Steel, Add</i>	193.51	
			<i>For Parallel Blade Damper, Add</i>	59.54	
23 33 13 13-0159	EA		56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	269.47	36.42
			<i>For Stainless Steel, Add</i>	208.18	
			<i>For Parallel Blade Damper, Add</i>	64.06	
23 33 13 13-0160	EA		56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	300.94	38.67
			<i>For Stainless Steel, Add</i>	240.21	
			<i>For Parallel Blade Damper, Add</i>	73.91	
23 33 13 13-0161	EA		56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	329.01	39.84
			<i>For Stainless Steel, Add</i>	272.26	
			<i>For Parallel Blade Damper, Add</i>	83.77	
23 33 13 13-0162	EA		56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	355.01	40.93
			<i>For Stainless Steel, Add</i>	301.61	
			<i>For Parallel Blade Damper, Add</i>	92.80	
23 33 13 13-0163	EA		56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	390.57	43.26
			<i>For Stainless Steel, Add</i>	338.98	
			<i>For Parallel Blade Damper, Add</i>	104.30	
23 33 13 13-0164	EA		56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	422.05	45.51
			<i>For Stainless Steel, Add</i>	371.01	
			<i>For Parallel Blade Damper, Add</i>	114.16	
23 33 13 13-0165	EA		56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	455.57	47.76
			<i>For Stainless Steel, Add</i>	405.70	
			<i>For Parallel Blade Damper, Add</i>	124.83	
23 33 13 13-0166	EA		56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	482.95	50.08
			<i>For Stainless Steel, Add</i>	432.41	
			<i>For Parallel Blade Damper, Add</i>	133.05	
23 33 13 13-0167	EA		56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	516.47	52.34
			<i>For Stainless Steel, Add</i>	467.10	
			<i>For Parallel Blade Damper, Add</i>	143.72	
23 33 13 13-0168	EA		56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	549.99	54.60
			<i>For Stainless Steel, Add</i>	501.80	
			<i>For Parallel Blade Damper, Add</i>	154.40	
23 33 13 13-0169	EA		60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	171.00	22.75
			<i>For Stainless Steel, Add</i>	133.47	
			<i>For Parallel Blade Damper, Add</i>	41.07	
23 33 13 13-0170	EA		60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	188.09	25.01
			<i>For Stainless Steel, Add</i>	146.81	
			<i>For Parallel Blade Damper, Add</i>	45.17	
23 33 13 13-0171	EA		60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	199.02	27.33
			<i>For Stainless Steel, Add</i>	152.13	
			<i>For Parallel Blade Damper, Add</i>	46.81	
23 33 13 13-0172	EA		60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	207.92	29.59
			<i>For Stainless Steel, Add</i>	154.82	
			<i>For Parallel Blade Damper, Add</i>	47.64	
23 33 13 13-0173	EA		60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	227.07	31.85
			<i>For Stainless Steel, Add</i>	170.83	
			<i>For Parallel Blade Damper, Add</i>	52.56	
23 33 13 13-0174	EA		60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	246.20	34.16
			<i>For Stainless Steel, Add</i>	186.82	
			<i>For Parallel Blade Damper, Add</i>	57.48	
23 33 13 13-0175	EA		60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	266.39	36.42
			<i>For Stainless Steel, Add</i>	204.18	
			<i>For Parallel Blade Damper, Add</i>	62.82	
23 33 13 13-0176	EA		60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	286.57	38.67
			<i>For Stainless Steel, Add</i>	221.53	
			<i>For Parallel Blade Damper, Add</i>	68.16	
23 33 13 13-0177	EA		60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	316.68	39.84
			<i>For Stainless Steel, Add</i>	256.23	
			<i>For Parallel Blade Damper, Add</i>	78.84	
23 33 13 13-0178	EA		60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	344.73	40.93
			<i>For Stainless Steel, Add</i>	288.25	
			<i>For Parallel Blade Damper, Add</i>	88.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0179 EA 60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	378.26	43.26
<i>For Stainless Steel, Add</i>	322.97	
<i>For Parallel Blade Damper, Add</i>	99.38	
23 33 13 13-0180 EA 60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	411.79	45.51
<i>For Stainless Steel, Add</i>	357.67	
<i>For Parallel Blade Damper, Add</i>	110.05	
23 33 13 13-0181 EA 60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	439.14	47.76
<i>For Stainless Steel, Add</i>	384.35	
<i>For Parallel Blade Damper, Add</i>	118.26	
23 33 13 13-0182 EA 60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	478.82	50.08
<i>For Stainless Steel, Add</i>	427.04	
<i>For Parallel Blade Damper, Add</i>	131.40	
23 33 13 13-0183 EA 60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	514.40	52.34
<i>For Stainless Steel, Add</i>	464.41	
<i>For Parallel Blade Damper, Add</i>	142.90	
23 33 13 13-0184 EA 60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	549.99	54.60
<i>For Stainless Steel, Add</i>	501.80	
<i>For Parallel Blade Damper, Add</i>	154.40	
23 33 13 13-0185 EA 60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	581.43	56.92
<i>For Stainless Steel, Add</i>	533.79	
<i>For Parallel Blade Damper, Add</i>	164.24	
23 33 13 13-0186 EA 60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	612.93	59.17
<i>For Stainless Steel, Add</i>	565.85	
<i>For Parallel Blade Damper, Add</i>	174.11	
 <b>23 33 13 16 Fire Dampers (23 33 13)</b>		
<b>23 33 13 16-0001 Fire Dampers (23 33 13 16)</b>		
23 33 13 16-0002 SF Fire Damper, Vertical Curtain Type .....	43.59	7.38
<i>For 3 Hour Rated, Add</i>	4.28	
<i>For Horizontal, Add</i>	3.21	
<i>For Dynamic Damper, Add</i>	4.81	
<i>For Smoke Damper, Add</i>	18.17	
23 33 13 16-0003 SF Fire Damper, Vertical Louver Type .....	55.26	7.38
<i>For 3 Hour Rated, Add</i>	6.61	
<i>For Horizontal, Add</i>	4.96	
<i>For Dynamic Damper, Add</i>	7.44	
<i>For Smoke Damper, Add</i>	28.09	
 <b>23 33 13 16-0004 Folding Curtain Fire Dampers (23 33 13 16)</b>		
Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.		
23 33 13 16-0005 EA 6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	39.15	7.58
<i>For 3 Hour Rated, Add</i>	3.28	
<i>For Horizontal, Add</i>	2.46	
<i>For Damper Blades Outside Air Stream, Add</i>	4.92	
<i>For Dynamic Damper, Add</i>	3.69	
23 33 13 16-0006 EA 8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	41.34	7.92
<i>For 3 Hour Rated, Add</i>	3.51	
<i>For Horizontal, Add</i>	2.63	
<i>For Damper Blades Outside Air Stream, Add</i>	5.27	
<i>For Dynamic Damper, Add</i>	3.95	
23 33 13 16-0007 EA 8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	42.65	7.99
<i>For 3 Hour Rated, Add</i>	3.75	
<i>For Horizontal, Add</i>	2.81	
<i>For Damper Blades Outside Air Stream, Add</i>	5.62	
<i>For Dynamic Damper, Add</i>	4.22	
23 33 13 16-0008 EA 10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	42.65	7.99
<i>For 3 Hour Rated, Add</i>	3.75	
<i>For Horizontal, Add</i>	2.81	
<i>For Damper Blades Outside Air Stream, Add</i>	5.62	
<i>For Dynamic Damper, Add</i>	4.22	
23 33 13 16-0009 EA 10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	44.51	8.20
<i>For 3 Hour Rated, Add</i>	3.98	
<i>For Horizontal, Add</i>	2.99	
<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
<i>For Dynamic Damper, Add</i>	4.48	
23 33 13 16-0010 EA 10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	49.58	9.08
<i>For 3 Hour Rated, Add</i>	4.45	
<i>For Horizontal, Add</i>	3.34	
<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
<i>For Dynamic Damper, Add</i>	5.01	
23 33 13 16-0011 EA 12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	44.51	8.20
<i>For 3 Hour Rated, Add</i>	3.98	
<i>For Horizontal, Add</i>	2.99	
<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
<i>For Dynamic Damper, Add</i>	4.48	
23 33 13 16-0012 EA 12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	48.22	8.68
<i>For 3 Hour Rated, Add</i>	4.45	
<i>For Horizontal, Add</i>	3.34	
<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
<i>For Dynamic Damper, Add</i>	5.01	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	50.75	9.08
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Horizontal, Add</i>	3.51	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
		<i>For Dynamic Damper, Add</i>	5.27	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	55.35	10.25
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Horizontal, Add</i>	3.69	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
		<i>For Dynamic Damper, Add</i>	5.54	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	47.64	8.68
		<i>For 3 Hour Rated, Add</i>	4.33	
		<i>For Horizontal, Add</i>	3.25	
		<i>For Damper Blades Outside Air Stream, Add</i>	6.50	
		<i>For Dynamic Damper, Add</i>	4.88	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	50.75	9.08
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Horizontal, Add</i>	3.51	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
		<i>For Dynamic Damper, Add</i>	5.27	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	53.30	9.57
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Horizontal, Add</i>	3.69	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
		<i>For Dynamic Damper, Add</i>	5.54	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.52	10.25
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Horizontal, Add</i>	3.87	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
		<i>For Dynamic Damper, Add</i>	5.80	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.86	11.41
		<i>For 3 Hour Rated, Add</i>	5.74	
		<i>For Horizontal, Add</i>	4.31	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.61	
		<i>For Dynamic Damper, Add</i>	6.46	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	50.75	9.08
		<i>For 3 Hour Rated, Add</i>	4.68	
		<i>For Horizontal, Add</i>	3.51	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
		<i>For Dynamic Damper, Add</i>	5.27	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	53.99	9.77
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Horizontal, Add</i>	3.69	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
		<i>For Dynamic Damper, Add</i>	5.54	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	57.89	10.73
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Horizontal, Add</i>	3.87	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
		<i>For Dynamic Damper, Add</i>	5.80	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	61.09	11.41
		<i>For 3 Hour Rated, Add</i>	5.39	
		<i>For Horizontal, Add</i>	4.04	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.08	
		<i>For Dynamic Damper, Add</i>	6.06	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	67.45	12.50
		<i>For 3 Hour Rated, Add</i>	5.97	
		<i>For Horizontal, Add</i>	4.48	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.96	
		<i>For Dynamic Damper, Add</i>	6.72	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	73.80	13.67
		<i>For 3 Hour Rated, Add</i>	6.56	
		<i>For Horizontal, Add</i>	4.92	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
		<i>For Dynamic Damper, Add</i>	7.38	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	53.30	9.57
		<i>For 3 Hour Rated, Add</i>	4.92	
		<i>For Horizontal, Add</i>	3.69	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
		<i>For Dynamic Damper, Add</i>	5.54	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	57.10	10.25
		<i>For 3 Hour Rated, Add</i>	5.27	
		<i>For Horizontal, Add</i>	3.95	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.91	
		<i>For Dynamic Damper, Add</i>	5.93	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.28	11.41
		<i>For 3 Hour Rated, Add</i>	5.62	
		<i>For Horizontal, Add</i>	4.22	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.44	
		<i>For Dynamic Damper, Add</i>	6.33	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.62	12.50
		<i>For 3 Hour Rated, Add</i>	6.21	
		<i>For Horizontal, Add</i>	4.66	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.31	
		<i>For Dynamic Damper, Add</i>	6.98	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Air Distribution			23 30
Air Duct Accessories			23 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0030	EA		18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.38	13.67
			<i>For 3 Hour Rated, Add</i>	6.68	
			<i>For Horizontal, Add</i>	5.01	
			<i>For Damper Blades Outside Air Stream, Add</i>	10.01	
			<i>For Dynamic Damper, Add</i>	7.51	
23 33 13 16-0031	EA		18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.73	14.76
			<i>For 3 Hour Rated, Add</i>	7.26	
			<i>For Horizontal, Add</i>	5.45	
			<i>For Damper Blades Outside Air Stream, Add</i>	10.89	
			<i>For Dynamic Damper, Add</i>	8.17	
23 33 13 16-0032	EA		18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	85.90	15.92
			<i>For 3 Hour Rated, Add</i>	7.61	
			<i>For Horizontal, Add</i>	5.71	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.42	
			<i>For Dynamic Damper, Add</i>	8.57	
23 33 13 16-0033	EA		20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.52	10.25
			<i>For 3 Hour Rated, Add</i>	5.15	
			<i>For Horizontal, Add</i>	3.87	
			<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
			<i>For Dynamic Damper, Add</i>	5.80	
23 33 13 16-0034	EA		20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.27	11.41
			<i>For 3 Hour Rated, Add</i>	5.62	
			<i>For Horizontal, Add</i>	4.22	
			<i>For Damper Blades Outside Air Stream, Add</i>	8.43	
			<i>For Dynamic Damper, Add</i>	6.32	
23 33 13 16-0035	EA		20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.03	12.50
			<i>For 3 Hour Rated, Add</i>	6.09	
			<i>For Horizontal, Add</i>	4.57	
			<i>For Damper Blades Outside Air Stream, Add</i>	9.14	
			<i>For Dynamic Damper, Add</i>	6.85	
23 33 13 16-0036	EA		20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	76.15	13.67
			<i>For 3 Hour Rated, Add</i>	7.03	
			<i>For Horizontal, Add</i>	5.27	
			<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
			<i>For Dynamic Damper, Add</i>	7.91	
23 33 13 16-0037	EA		20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	81.32	14.76
			<i>For 3 Hour Rated, Add</i>	7.38	
			<i>For Horizontal, Add</i>	5.54	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.07	
			<i>For Dynamic Damper, Add</i>	8.30	
23 33 13 16-0038	EA		20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	86.49	15.92
			<i>For 3 Hour Rated, Add</i>	7.73	
			<i>For Horizontal, Add</i>	5.80	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
			<i>For Dynamic Damper, Add</i>	8.70	
23 33 13 16-0039	EA		20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.25	17.09
			<i>For 3 Hour Rated, Add</i>	8.20	
			<i>For Horizontal, Add</i>	6.15	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
			<i>For Dynamic Damper, Add</i>	9.23	
23 33 13 16-0040	EA		20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.99	18.18
			<i>For 3 Hour Rated, Add</i>	8.67	
			<i>For Horizontal, Add</i>	6.50	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
			<i>For Dynamic Damper, Add</i>	9.75	
23 33 13 16-0041	EA		24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.44	11.41
			<i>For 3 Hour Rated, Add</i>	5.86	
			<i>For Horizontal, Add</i>	4.39	
			<i>For Damper Blades Outside Air Stream, Add</i>	8.78	
			<i>For Dynamic Damper, Add</i>	6.59	
23 33 13 16-0042	EA		24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	70.38	12.50
			<i>For 3 Hour Rated, Add</i>	6.56	
			<i>For Horizontal, Add</i>	4.92	
			<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
			<i>For Dynamic Damper, Add</i>	7.38	
23 33 13 16-0043	EA		24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	76.15	13.67
			<i>For 3 Hour Rated, Add</i>	7.03	
			<i>For Horizontal, Add</i>	5.27	
			<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
			<i>For Dynamic Damper, Add</i>	7.91	
23 33 13 16-0044	EA		24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.08	14.76
			<i>For 3 Hour Rated, Add</i>	7.73	
			<i>For Horizontal, Add</i>	5.80	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
			<i>For Dynamic Damper, Add</i>	8.70	
23 33 13 16-0045	EA		24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	88.24	15.92
			<i>For 3 Hour Rated, Add</i>	8.08	
			<i>For Horizontal, Add</i>	6.06	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.12	
			<i>For Dynamic Damper, Add</i>	9.09	
23 33 13 16-0046	EA		24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.42	17.09
			<i>For 3 Hour Rated, Add</i>	8.43	
			<i>For Horizontal, Add</i>	6.33	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.65	
			<i>For Dynamic Damper, Add</i>	9.49	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0047	EA		24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.34	18.18
			<i>For 3 Hour Rated, Add</i>	9.14	
			<i>For Horizontal, Add</i>	6.85	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.70	
			<i>For Dynamic Damper, Add</i>	10.28	
23 33 13 16-0048	EA		24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.68	20.49
			<i>For 3 Hour Rated, Add</i>	9.84	
			<i>For Horizontal, Add</i>	7.38	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.76	
			<i>For Dynamic Damper, Add</i>	11.07	
23 33 13 16-0049	EA		24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.22	22.75
			<i>For 3 Hour Rated, Add</i>	10.78	
			<i>For Horizontal, Add</i>	8.08	
			<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
			<i>For Dynamic Damper, Add</i>	12.13	
23 33 13 16-0050	EA		28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	70.38	12.50
			<i>For 3 Hour Rated, Add</i>	6.56	
			<i>For Horizontal, Add</i>	4.92	
			<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
			<i>For Dynamic Damper, Add</i>	7.38	
23 33 13 16-0051	EA		28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	76.15	13.67
			<i>For 3 Hour Rated, Add</i>	7.03	
			<i>For Horizontal, Add</i>	5.27	
			<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
			<i>For Dynamic Damper, Add</i>	7.91	
23 33 13 16-0052	EA		28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.08	14.76
			<i>For 3 Hour Rated, Add</i>	7.73	
			<i>For Horizontal, Add</i>	5.80	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
			<i>For Dynamic Damper, Add</i>	8.70	
23 33 13 16-0053	EA		28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	88.83	15.92
			<i>For 3 Hour Rated, Add</i>	8.20	
			<i>For Horizontal, Add</i>	6.15	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
			<i>For Dynamic Damper, Add</i>	9.23	
23 33 13 16-0054	EA		28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	95.18	17.09
			<i>For 3 Hour Rated, Add</i>	8.79	
			<i>For Horizontal, Add</i>	6.59	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.18	
			<i>For Dynamic Damper, Add</i>	9.88	
23 33 13 16-0055	EA		28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.51	18.18
			<i>For 3 Hour Rated, Add</i>	9.37	
			<i>For Horizontal, Add</i>	7.03	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.06	
			<i>For Dynamic Damper, Add</i>	10.54	
23 33 13 16-0056	EA		28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.86	20.49
			<i>For 3 Hour Rated, Add</i>	10.07	
			<i>For Horizontal, Add</i>	7.56	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	11.33	
23 33 13 16-0057	EA		28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.22	22.75
			<i>For 3 Hour Rated, Add</i>	10.78	
			<i>For Horizontal, Add</i>	8.08	
			<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
			<i>For Dynamic Damper, Add</i>	12.13	
23 33 13 16-0058	EA		28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	132.66	23.91
			<i>For 3 Hour Rated, Add</i>	12.18	
			<i>For Horizontal, Add</i>	9.14	
			<i>For Damper Blades Outside Air Stream, Add</i>	18.27	
			<i>For Dynamic Damper, Add</i>	13.70	
23 33 13 16-0059	EA		28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.35	26.17
			<i>For 3 Hour Rated, Add</i>	13.35	
			<i>For Horizontal, Add</i>	10.02	
			<i>For Damper Blades Outside Air Stream, Add</i>	20.03	
			<i>For Dynamic Damper, Add</i>	15.02	
23 33 13 16-0060	EA		32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	79.66	13.67
			<i>For 3 Hour Rated, Add</i>	7.73	
			<i>For Horizontal, Add</i>	5.80	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
			<i>For Dynamic Damper, Add</i>	8.70	
23 33 13 16-0061	EA		32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	84.24	14.76
			<i>For 3 Hour Rated, Add</i>	7.96	
			<i>For Horizontal, Add</i>	5.97	
			<i>For Damper Blades Outside Air Stream, Add</i>	11.95	
			<i>For Dynamic Damper, Add</i>	8.96	
23 33 13 16-0062	EA		32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	88.83	15.92
			<i>For 3 Hour Rated, Add</i>	8.20	
			<i>For Horizontal, Add</i>	6.15	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
			<i>For Dynamic Damper, Add</i>	9.23	
23 33 13 16-0063	EA		32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.58	17.09
			<i>For 3 Hour Rated, Add</i>	8.67	
			<i>For Horizontal, Add</i>	6.50	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
			<i>For Dynamic Damper, Add</i>	9.75	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Air Distribution			23 30
Air Duct Accessories			23 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0064	EA		32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.73	18.18
			<i>For 3 Hour Rated, Add</i>	9.41	
			<i>For Horizontal, Add</i>	7.06	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.12	
			<i>For Dynamic Damper, Add</i>	10.59	
23 33 13 16-0065	EA		32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.86	20.49
			<i>For 3 Hour Rated, Add</i>	10.07	
			<i>For Horizontal, Add</i>	7.56	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	11.33	
23 33 13 16-0066	EA		32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.39	22.75
			<i>For 3 Hour Rated, Add</i>	11.01	
			<i>For Horizontal, Add</i>	8.26	
			<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
			<i>For Dynamic Damper, Add</i>	12.39	
23 33 13 16-0067	EA		32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.90	25.01
			<i>For 3 Hour Rated, Add</i>	11.95	
			<i>For Horizontal, Add</i>	8.96	
			<i>For Damper Blades Outside Air Stream, Add</i>	17.92	
			<i>For Dynamic Damper, Add</i>	13.44	
23 33 13 16-0068	EA		32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.35	26.17
			<i>For 3 Hour Rated, Add</i>	13.35	
			<i>For Horizontal, Add</i>	10.02	
			<i>For Damper Blades Outside Air Stream, Add</i>	20.03	
			<i>For Dynamic Damper, Add</i>	15.02	
23 33 13 16-0069	EA		32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	159.01	28.01
			<i>For 3 Hour Rated, Add</i>	14.99	
			<i>For Horizontal, Add</i>	11.25	
			<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
			<i>For Dynamic Damper, Add</i>	16.87	
23 33 13 16-0070	EA		32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.17	29.59
			<i>For 3 Hour Rated, Add</i>	16.87	
			<i>For Horizontal, Add</i>	12.65	
			<i>For Damper Blades Outside Air Stream, Add</i>	25.30	
			<i>For Dynamic Damper, Add</i>	18.98	
23 33 13 16-0071	EA		36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	86.59	14.76
			<i>For 3 Hour Rated, Add</i>	8.43	
			<i>For Horizontal, Add</i>	6.33	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.65	
			<i>For Dynamic Damper, Add</i>	9.49	
23 33 13 16-0072	EA		36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.34	15.92
			<i>For 3 Hour Rated, Add</i>	8.90	
			<i>For Horizontal, Add</i>	6.68	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.35	
			<i>For Dynamic Damper, Add</i>	10.01	
23 33 13 16-0073	EA		36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	98.10	17.09
			<i>For 3 Hour Rated, Add</i>	9.37	
			<i>For Horizontal, Add</i>	7.03	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.06	
			<i>For Dynamic Damper, Add</i>	10.54	
23 33 13 16-0074	EA		36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	105.03	18.18
			<i>For 3 Hour Rated, Add</i>	10.07	
			<i>For Horizontal, Add</i>	7.56	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	11.33	
23 33 13 16-0075	EA		36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	113.62	20.49
			<i>For 3 Hour Rated, Add</i>	10.43	
			<i>For Horizontal, Add</i>	7.82	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.64	
			<i>For Dynamic Damper, Add</i>	11.73	
23 33 13 16-0076	EA		36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.80	21.59
			<i>For 3 Hour Rated, Add</i>	10.78	
			<i>For Horizontal, Add</i>	8.08	
			<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
			<i>For Dynamic Damper, Add</i>	12.13	
23 33 13 16-0077	EA		36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.90	25.01
			<i>For 3 Hour Rated, Add</i>	11.95	
			<i>For Horizontal, Add</i>	8.96	
			<i>For Damper Blades Outside Air Stream, Add</i>	17.92	
			<i>For Dynamic Damper, Add</i>	13.44	
23 33 13 16-0078	EA		36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.59	27.33
			<i>For 3 Hour Rated, Add</i>	13.12	
			<i>For Horizontal, Add</i>	9.84	
			<i>For Damper Blades Outside Air Stream, Add</i>	19.68	
			<i>For Dynamic Damper, Add</i>	14.76	
23 33 13 16-0079	EA		36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.23	28.22
			<i>For 3 Hour Rated, Add</i>	8.30	
			<i>For Horizontal, Add</i>	6.23	
			<i>For Damper Blades Outside Air Stream, Add</i>	12.45	
			<i>For Dynamic Damper, Add</i>	9.34	
23 33 13 16-0080	EA		36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.87	30.27
			<i>For 3 Hour Rated, Add</i>	16.40	
			<i>For Horizontal, Add</i>	12.30	
			<i>For Damper Blades Outside Air Stream, Add</i>	24.60	
			<i>For Dynamic Damper, Add</i>	18.45	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0081	EA		36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.85	31.85
			<i>For 3 Hour Rated, Add</i>	18.04	
			<i>For Horizontal, Add</i>	13.53	
			<i>For Damper Blades Outside Air Stream, Add</i>	27.06	
			<i>For Dynamic Damper, Add</i>	20.29	
23 33 13 16-0082	EA		36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	198.64	33.00
			<i>For 3 Hour Rated, Add</i>	19.91	
			<i>For Horizontal, Add</i>	14.93	
			<i>For Damper Blades Outside Air Stream, Add</i>	29.87	
			<i>For Dynamic Damper, Add</i>	22.40	
23 33 13 16-0083	EA		40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	91.16	17.09
			<i>For 3 Hour Rated, Add</i>	8.67	
			<i>For Horizontal, Add</i>	6.50	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
			<i>For Dynamic Damper, Add</i>	9.75	
23 33 13 16-0084	EA		40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.27	18.18
			<i>For 3 Hour Rated, Add</i>	9.60	
			<i>For Horizontal, Add</i>	7.20	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.41	
			<i>For Dynamic Damper, Add</i>	10.80	
23 33 13 16-0085	EA		40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.85	19.34
			<i>For 3 Hour Rated, Add</i>	9.84	
			<i>For Horizontal, Add</i>	7.38	
			<i>For Damper Blades Outside Air Stream, Add</i>	14.76	
			<i>For Dynamic Damper, Add</i>	11.07	
23 33 13 16-0086	EA		40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.45	20.49
			<i>For 3 Hour Rated, Add</i>	10.07	
			<i>For Horizontal, Add</i>	7.56	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	11.33	
23 33 13 16-0087	EA		40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	119.38	21.59
			<i>For 3 Hour Rated, Add</i>	10.89	
			<i>For Horizontal, Add</i>	8.17	
			<i>For Damper Blades Outside Air Stream, Add</i>	16.34	
			<i>For Dynamic Damper, Add</i>	12.26	
23 33 13 16-0088	EA		40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.90	22.75
			<i>For 3 Hour Rated, Add</i>	11.71	
			<i>For Horizontal, Add</i>	8.79	
			<i>For Damper Blades Outside Air Stream, Add</i>	17.57	
			<i>For Dynamic Damper, Add</i>	13.18	
23 33 13 16-0089	EA		40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	141.83	26.17
			<i>For 3 Hour Rated, Add</i>	12.65	
			<i>For Horizontal, Add</i>	9.49	
			<i>For Damper Blades Outside Air Stream, Add</i>	18.98	
			<i>For Dynamic Damper, Add</i>	14.23	
23 33 13 16-0090	EA		40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.36	28.43
			<i>For 3 Hour Rated, Add</i>	13.59	
			<i>For Horizontal, Add</i>	10.19	
			<i>For Damper Blades Outside Air Stream, Add</i>	20.38	
			<i>For Dynamic Damper, Add</i>	15.29	
23 33 13 16-0091	EA		40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	165.85	30.27
			<i>For 3 Hour Rated, Add</i>	14.99	
			<i>For Horizontal, Add</i>	11.25	
			<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
			<i>For Dynamic Damper, Add</i>	16.87	
23 33 13 16-0092	EA		40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.51	31.85
			<i>For 3 Hour Rated, Add</i>	17.57	
			<i>For Horizontal, Add</i>	13.18	
			<i>For Damper Blades Outside Air Stream, Add</i>	26.36	
			<i>For Dynamic Damper, Add</i>	19.77	
23 33 13 16-0093	EA		40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.00	33.69
			<i>For 3 Hour Rated, Add</i>	18.97	
			<i>For Horizontal, Add</i>	14.23	
			<i>For Damper Blades Outside Air Stream, Add</i>	28.46	
			<i>For Dynamic Damper, Add</i>	21.35	
23 33 13 16-0094	EA		40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.62	34.58
			<i>For 3 Hour Rated, Add</i>	21.55	
			<i>For Horizontal, Add</i>	16.16	
			<i>For Damper Blades Outside Air Stream, Add</i>	32.33	
			<i>For Dynamic Damper, Add</i>	24.25	
23 33 13 16-0095	EA		40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.81	36.42
			<i>For 3 Hour Rated, Add</i>	23.90	
			<i>For Horizontal, Add</i>	17.92	
			<i>For Damper Blades Outside Air Stream, Add</i>	35.84	
			<i>For Dynamic Damper, Add</i>	26.88	
23 33 13 16-0096	EA		44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	96.93	17.09
			<i>For 3 Hour Rated, Add</i>	9.14	
			<i>For Horizontal, Add</i>	6.85	
			<i>For Damper Blades Outside Air Stream, Add</i>	13.70	
			<i>For Dynamic Damper, Add</i>	10.28	
23 33 13 16-0097	EA		44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	105.03	18.18
			<i>For 3 Hour Rated, Add</i>	10.07	
			<i>For Horizontal, Add</i>	7.56	
			<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	11.33	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0098 EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.97	19.34
<i>For 3 Hour Rated, Add</i>	10.78	
<i>For Horizontal, Add</i>	8.08	
<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
<i>For Dynamic Damper, Add</i>	12.13	
23 33 13 16-0099 EA 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.55	20.49
<i>For 3 Hour Rated, Add</i>	11.01	
<i>For Horizontal, Add</i>	8.26	
<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
<i>For Dynamic Damper, Add</i>	12.39	
23 33 13 16-0100 EA 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	124.65	21.59
<i>For 3 Hour Rated, Add</i>	11.95	
<i>For Horizontal, Add</i>	8.96	
<i>For Damper Blades Outside Air Stream, Add</i>	17.92	
<i>For Dynamic Damper, Add</i>	13.44	
23 33 13 16-0101 EA 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	132.76	22.75
<i>For 3 Hour Rated, Add</i>	12.89	
<i>For Horizontal, Add</i>	9.66	
<i>For Damper Blades Outside Air Stream, Add</i>	19.33	
<i>For Dynamic Damper, Add</i>	14.50	
23 33 13 16-0102 EA 44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.29	27.33
<i>For 3 Hour Rated, Add</i>	14.06	
<i>For Horizontal, Add</i>	10.54	
<i>For Damper Blades Outside Air Stream, Add</i>	21.09	
<i>For Dynamic Damper, Add</i>	15.82	
23 33 13 16-0103 EA 44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.96	29.59
<i>For 3 Hour Rated, Add</i>	15.23	
<i>For Horizontal, Add</i>	11.42	
<i>For Damper Blades Outside Air Stream, Add</i>	22.84	
<i>For Dynamic Damper, Add</i>	17.13	
23 33 13 16-0104 EA 44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.51	31.85
<i>For 3 Hour Rated, Add</i>	17.57	
<i>For Horizontal, Add</i>	13.18	
<i>For Damper Blades Outside Air Stream, Add</i>	26.36	
<i>For Dynamic Damper, Add</i>	19.77	
23 33 13 16-0105 EA 44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	200.88	34.16
<i>For 3 Hour Rated, Add</i>	19.68	
<i>For Horizontal, Add</i>	14.76	
<i>For Damper Blades Outside Air Stream, Add</i>	29.52	
<i>For Dynamic Damper, Add</i>	22.14	
23 33 13 16-0106 EA 44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	219.43	36.42
<i>For 3 Hour Rated, Add</i>	22.02	
<i>For Horizontal, Add</i>	16.52	
<i>For Damper Blades Outside Air Stream, Add</i>	33.03	
<i>For Dynamic Damper, Add</i>	24.77	
23 33 13 16-0107 EA 44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.38	37.51
<i>For 3 Hour Rated, Add</i>	24.13	
<i>For Horizontal, Add</i>	18.10	
<i>For Damper Blades Outside Air Stream, Add</i>	36.19	
<i>For Dynamic Damper, Add</i>	27.14	
23 33 13 16-0108 EA 44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	247.34	38.67
<i>For 3 Hour Rated, Add</i>	26.24	
<i>For Horizontal, Add</i>	19.68	
<i>For Damper Blades Outside Air Stream, Add</i>	39.35	
<i>For Dynamic Damper, Add</i>	29.52	
23 33 13 16-0109 EA 44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	261.32	39.84
<i>For 3 Hour Rated, Add</i>	28.35	
<i>For Horizontal, Add</i>	21.26	
<i>For Damper Blades Outside Air Stream, Add</i>	42.52	
<i>For Dynamic Damper, Add</i>	31.89	
23 33 13 16-0110 EA 48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.85	18.18
<i>For 3 Hour Rated, Add</i>	9.84	
<i>For Horizontal, Add</i>	7.38	
<i>For Damper Blades Outside Air Stream, Add</i>	14.76	
<i>For Dynamic Damper, Add</i>	11.07	
23 33 13 16-0111 EA 48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.97	19.34
<i>For 3 Hour Rated, Add</i>	10.78	
<i>For Horizontal, Add</i>	8.08	
<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
<i>For Dynamic Damper, Add</i>	12.13	
23 33 13 16-0112 EA 48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.55	20.49
<i>For 3 Hour Rated, Add</i>	11.01	
<i>For Horizontal, Add</i>	8.26	
<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
<i>For Dynamic Damper, Add</i>	12.39	
23 33 13 16-0113 EA 48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.90	22.75
<i>For 3 Hour Rated, Add</i>	11.71	
<i>For Horizontal, Add</i>	8.79	
<i>For Damper Blades Outside Air Stream, Add</i>	17.57	
<i>For Dynamic Damper, Add</i>	13.18	
23 33 13 16-0114 EA 48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.41	25.01
<i>For 3 Hour Rated, Add</i>	12.65	
<i>For Horizontal, Add</i>	9.49	
<i>For Damper Blades Outside Air Stream, Add</i>	18.98	
<i>For Dynamic Damper, Add</i>	14.23	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	149.94	27.33
		<i>For 3 Hour Rated, Add</i>	13.59	
		<i>For Horizontal, Add</i>	10.19	
		<i>For Damper Blades Outside Air Stream, Add</i>	20.38	
		<i>For Dynamic Damper, Add</i>	15.29	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	163.80	29.59
		<i>For 3 Hour Rated, Add</i>	14.99	
		<i>For Horizontal, Add</i>	11.25	
		<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
		<i>For Dynamic Damper, Add</i>	16.87	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	177.65	31.85
		<i>For 3 Hour Rated, Add</i>	16.40	
		<i>For Horizontal, Add</i>	12.30	
		<i>For Damper Blades Outside Air Stream, Add</i>	24.60	
		<i>For Dynamic Damper, Add</i>	18.45	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	195.02	34.16
		<i>For 3 Hour Rated, Add</i>	18.51	
		<i>For Horizontal, Add</i>	13.88	
		<i>For Damper Blades Outside Air Stream, Add</i>	27.76	
		<i>For Dynamic Damper, Add</i>	20.82	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.74	36.42
		<i>For 3 Hour Rated, Add</i>	21.08	
		<i>For Horizontal, Add</i>	15.81	
		<i>For Damper Blades Outside Air Stream, Add</i>	31.62	
		<i>For Dynamic Damper, Add</i>	23.72	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.71	37.51
		<i>For 3 Hour Rated, Add</i>	23.19	
		<i>For Horizontal, Add</i>	17.40	
		<i>For Damper Blades Outside Air Stream, Add</i>	34.79	
		<i>For Dynamic Damper, Add</i>	26.09	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	246.17	38.67
		<i>For 3 Hour Rated, Add</i>	26.00	
		<i>For Horizontal, Add</i>	19.50	
		<i>For Damper Blades Outside Air Stream, Add</i>	39.00	
		<i>For Dynamic Damper, Add</i>	29.25	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	263.56	40.93
		<i>For 3 Hour Rated, Add</i>	28.11	
		<i>For Horizontal, Add</i>	21.08	
		<i>For Damper Blades Outside Air Stream, Add</i>	42.17	
		<i>For Dynamic Damper, Add</i>	31.63	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	281.03	42.09
		<i>For 3 Hour Rated, Add</i>	30.92	
		<i>For Horizontal, Add</i>	23.19	
		<i>For Damper Blades Outside Air Stream, Add</i>	46.39	
		<i>For Dynamic Damper, Add</i>	34.79	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	300.64	45.51
		<i>For 3 Hour Rated, Add</i>	32.80	
		<i>For Horizontal, Add</i>	24.60	
		<i>For Damper Blades Outside Air Stream, Add</i>	49.19	
		<i>For Dynamic Damper, Add</i>	36.90	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.79	19.34
		<i>For 3 Hour Rated, Add</i>	10.54	
		<i>For Horizontal, Add</i>	7.91	
		<i>For Damper Blades Outside Air Stream, Add</i>	15.81	
		<i>For Dynamic Damper, Add</i>	11.86	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.89	20.49
		<i>For 3 Hour Rated, Add</i>	11.48	
		<i>For Horizontal, Add</i>	8.61	
		<i>For Damper Blades Outside Air Stream, Add</i>	17.22	
		<i>For Dynamic Damper, Add</i>	12.92	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.41	22.75
		<i>For 3 Hour Rated, Add</i>	12.42	
		<i>For Horizontal, Add</i>	9.31	
		<i>For Damper Blades Outside Air Stream, Add</i>	18.62	
		<i>For Dynamic Damper, Add</i>	13.97	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.41	25.01
		<i>For 3 Hour Rated, Add</i>	12.65	
		<i>For Horizontal, Add</i>	9.49	
		<i>For Damper Blades Outside Air Stream, Add</i>	18.98	
		<i>For Dynamic Damper, Add</i>	14.23	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	150.53	27.33
		<i>For 3 Hour Rated, Add</i>	13.71	
		<i>For Horizontal, Add</i>	10.28	
		<i>For Damper Blades Outside Air Stream, Add</i>	20.56	
		<i>For Dynamic Damper, Add</i>	15.42	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.63	29.59
		<i>For 3 Hour Rated, Add</i>	14.76	
		<i>For Horizontal, Add</i>	11.07	
		<i>For Damper Blades Outside Air Stream, Add</i>	22.14	
		<i>For Dynamic Damper, Add</i>	16.61	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.49	31.85
		<i>For 3 Hour Rated, Add</i>	16.17	
		<i>For Horizontal, Add</i>	12.12	
		<i>For Damper Blades Outside Air Stream, Add</i>	24.25	
		<i>For Dynamic Damper, Add</i>	18.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0132 EA 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.34	34.16
<i>For 3 Hour Rated, Add</i>	17.57	
<i>For Horizontal, Add</i>	13.18	
<i>For Damper Blades Outside Air Stream, Add</i>	26.36	
<i>For Dynamic Damper, Add</i>	19.77	
23 33 13 16-0133 EA 52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.72	36.42
<i>For 3 Hour Rated, Add</i>	19.68	
<i>For Horizontal, Add</i>	14.76	
<i>For Damper Blades Outside Air Stream, Add</i>	29.52	
<i>For Dynamic Damper, Add</i>	22.14	
23 33 13 16-0134 EA 52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.61	38.67
<i>For 3 Hour Rated, Add</i>	22.49	
<i>For Horizontal, Add</i>	16.87	
<i>For Damper Blades Outside Air Stream, Add</i>	33.74	
<i>For Dynamic Damper, Add</i>	25.30	
23 33 13 16-0135 EA 52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.73	39.84
<i>For 3 Hour Rated, Add</i>	24.83	
<i>For Horizontal, Add</i>	18.62	
<i>For Damper Blades Outside Air Stream, Add</i>	37.25	
<i>For Dynamic Damper, Add</i>	27.93	
23 33 13 16-0136 EA 52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	262.39	40.93
<i>For 3 Hour Rated, Add</i>	27.88	
<i>For Horizontal, Add</i>	20.91	
<i>For Damper Blades Outside Air Stream, Add</i>	41.82	
<i>For Dynamic Damper, Add</i>	31.36	
23 33 13 16-0137 EA 52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	283.25	43.26
<i>For 3 Hour Rated, Add</i>	30.69	
<i>For Horizontal, Add</i>	23.01	
<i>For Damper Blades Outside Air Stream, Add</i>	46.03	
<i>For Dynamic Damper, Add</i>	34.52	
23 33 13 16-0138 EA 52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	300.64	45.51
<i>For 3 Hour Rated, Add</i>	32.80	
<i>For Horizontal, Add</i>	24.60	
<i>For Damper Blades Outside Air Stream, Add</i>	49.19	
<i>For Dynamic Damper, Add</i>	36.90	
23 33 13 16-0139 EA 52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.95	48.92
<i>For 3 Hour Rated, Add</i>	35.61	
<i>For Horizontal, Add</i>	26.71	
<i>For Damper Blades Outside Air Stream, Add</i>	53.41	
<i>For Dynamic Damper, Add</i>	40.06	
23 33 13 16-0140 EA 52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	343.49	51.18
<i>For 3 Hour Rated, Add</i>	37.95	
<i>For Horizontal, Add</i>	28.46	
<i>For Damper Blades Outside Air Stream, Add</i>	56.93	
<i>For Dynamic Damper, Add</i>	42.69	
23 33 13 16-0141 EA 56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.55	20.49
<i>For 3 Hour Rated, Add</i>	11.01	
<i>For Horizontal, Add</i>	8.26	
<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
<i>For Dynamic Damper, Add</i>	12.39	
23 33 13 16-0142 EA 56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.24	22.75
<i>For 3 Hour Rated, Add</i>	12.18	
<i>For Horizontal, Add</i>	9.14	
<i>For Damper Blades Outside Air Stream, Add</i>	18.27	
<i>For Dynamic Damper, Add</i>	13.70	
23 33 13 16-0143 EA 56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.59	25.01
<i>For 3 Hour Rated, Add</i>	12.89	
<i>For Horizontal, Add</i>	9.66	
<i>For Damper Blades Outside Air Stream, Add</i>	19.33	
<i>For Dynamic Damper, Add</i>	14.50	
23 33 13 16-0144 EA 56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.59	27.33
<i>For 3 Hour Rated, Add</i>	13.12	
<i>For Horizontal, Add</i>	9.84	
<i>For Damper Blades Outside Air Stream, Add</i>	19.68	
<i>For Dynamic Damper, Add</i>	14.76	
23 33 13 16-0145 EA 56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.87	29.59
<i>For 3 Hour Rated, Add</i>	14.41	
<i>For Horizontal, Add</i>	10.81	
<i>For Damper Blades Outside Air Stream, Add</i>	21.61	
<i>For Dynamic Damper, Add</i>	16.21	
23 33 13 16-0146 EA 56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.14	31.85
<i>For 3 Hour Rated, Add</i>	15.70	
<i>For Horizontal, Add</i>	11.77	
<i>For Damper Blades Outside Air Stream, Add</i>	23.54	
<i>For Dynamic Damper, Add</i>	17.66	
23 33 13 16-0147 EA 56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.41	34.16
<i>For 3 Hour Rated, Add</i>	16.98	
<i>For Horizontal, Add</i>	12.74	
<i>For Damper Blades Outside Air Stream, Add</i>	25.48	
<i>For Dynamic Damper, Add</i>	19.11	
23 33 13 16-0148 EA 56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	200.69	36.42
<i>For 3 Hour Rated, Add</i>	18.27	
<i>For Horizontal, Add</i>	13.70	
<i>For Damper Blades Outside Air Stream, Add</i>	27.41	
<i>For Dynamic Damper, Add</i>	20.56	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0149	EA		56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	221.57	38.67
			<i>For 3 Hour Rated, Add</i>	21.08	
			<i>For Horizontal, Add</i>	15.81	
			<i>For Damper Blades Outside Air Stream, Add</i>	31.62	
			<i>For Dynamic Damper, Add</i>	23.72	
23 33 13 16-0150	EA		56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	239.06	39.84
			<i>For 3 Hour Rated, Add</i>	23.90	
			<i>For Horizontal, Add</i>	17.92	
			<i>For Damper Blades Outside Air Stream, Add</i>	35.84	
			<i>For Dynamic Damper, Add</i>	26.88	
23 33 13 16-0151	EA		56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.36	40.93
			<i>For 3 Hour Rated, Add</i>	26.47	
			<i>For Horizontal, Add</i>	19.85	
			<i>For Damper Blades Outside Air Stream, Add</i>	39.71	
			<i>For Dynamic Damper, Add</i>	29.78	
23 33 13 16-0152	EA		56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	278.58	43.26
			<i>For 3 Hour Rated, Add</i>	29.75	
			<i>For Horizontal, Add</i>	22.31	
			<i>For Damper Blades Outside Air Stream, Add</i>	44.63	
			<i>For Dynamic Damper, Add</i>	33.47	
23 33 13 16-0153	EA		56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	299.47	45.51
			<i>For 3 Hour Rated, Add</i>	32.56	
			<i>For Horizontal, Add</i>	24.42	
			<i>For Damper Blades Outside Air Stream, Add</i>	48.84	
			<i>For Dynamic Damper, Add</i>	36.63	
23 33 13 16-0154	EA		56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.53	47.76
			<i>For 3 Hour Rated, Add</i>	35.61	
			<i>For Horizontal, Add</i>	26.71	
			<i>For Damper Blades Outside Air Stream, Add</i>	53.41	
			<i>For Dynamic Damper, Add</i>	40.06	
23 33 13 16-0155	EA		56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	340.08	50.08
			<i>For 3 Hour Rated, Add</i>	37.95	
			<i>For Horizontal, Add</i>	28.46	
			<i>For Damper Blades Outside Air Stream, Add</i>	56.93	
			<i>For Dynamic Damper, Add</i>	42.69	
23 33 13 16-0156	EA		56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	362.14	52.34
			<i>For 3 Hour Rated, Add</i>	41.00	
			<i>For Horizontal, Add</i>	30.75	
			<i>For Damper Blades Outside Air Stream, Add</i>	61.49	
			<i>For Dynamic Damper, Add</i>	46.12	
23 33 13 16-0157	EA		56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	384.20	54.60
			<i>For 3 Hour Rated, Add</i>	44.04	
			<i>For Horizontal, Add</i>	33.03	
			<i>For Damper Blades Outside Air Stream, Add</i>	66.06	
			<i>For Dynamic Damper, Add</i>	49.55	
23 33 13 16-0158	EA		60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.90	22.75
			<i>For 3 Hour Rated, Add</i>	11.71	
			<i>For Horizontal, Add</i>	8.79	
			<i>For Damper Blades Outside Air Stream, Add</i>	17.57	
			<i>For Dynamic Damper, Add</i>	13.18	
23 33 13 16-0159	EA		60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.59	25.01
			<i>For 3 Hour Rated, Add</i>	12.89	
			<i>For Horizontal, Add</i>	9.66	
			<i>For Damper Blades Outside Air Stream, Add</i>	19.33	
			<i>For Dynamic Damper, Add</i>	14.50	
23 33 13 16-0160	EA		60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.77	27.33
			<i>For 3 Hour Rated, Add</i>	13.35	
			<i>For Horizontal, Add</i>	10.02	
			<i>For Damper Blades Outside Air Stream, Add</i>	20.03	
			<i>For Dynamic Damper, Add</i>	15.02	
23 33 13 16-0161	EA		60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.77	29.59
			<i>For 3 Hour Rated, Add</i>	13.59	
			<i>For Horizontal, Add</i>	10.19	
			<i>For Damper Blades Outside Air Stream, Add</i>	20.38	
			<i>For Dynamic Damper, Add</i>	15.29	
23 33 13 16-0162	EA		60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.63	31.85
			<i>For 3 Hour Rated, Add</i>	14.99	
			<i>For Horizontal, Add</i>	11.25	
			<i>For Damper Blades Outside Air Stream, Add</i>	22.49	
			<i>For Dynamic Damper, Add</i>	16.87	
23 33 13 16-0163	EA		60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.48	34.16
			<i>For 3 Hour Rated, Add</i>	16.40	
			<i>For Horizontal, Add</i>	12.30	
			<i>For Damper Blades Outside Air Stream, Add</i>	24.60	
			<i>For Dynamic Damper, Add</i>	18.45	
23 33 13 16-0164	EA		60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	198.94	36.42
			<i>For 3 Hour Rated, Add</i>	17.92	
			<i>For Horizontal, Add</i>	13.44	
			<i>For Damper Blades Outside Air Stream, Add</i>	26.88	
			<i>For Dynamic Damper, Add</i>	20.16	
23 33 13 16-0165	EA		60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	213.38	38.67
			<i>For 3 Hour Rated, Add</i>	19.44	
			<i>For Horizontal, Add</i>	14.58	
			<i>For Damper Blades Outside Air Stream, Add</i>	29.17	
			<i>For Dynamic Damper, Add</i>	21.87	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0166 EA 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	232.03	39.84
<i>For 3 Hour Rated, Add</i>	22.49	
<i>For Horizontal, Add</i>	16.87	
<i>For Damper Blades Outside Air Stream, Add</i>	33.74	
<i>For Dynamic Damper, Add</i>	25.30	
23 33 13 16-0167 EA 60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	249.50	40.93
<i>For 3 Hour Rated, Add</i>	25.30	
<i>For Horizontal, Add</i>	18.98	
<i>For Damper Blades Outside Air Stream, Add</i>	37.95	
<i>For Dynamic Damper, Add</i>	28.46	
23 33 13 16-0168 EA 60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	271.56	43.26
<i>For 3 Hour Rated, Add</i>	28.35	
<i>For Horizontal, Add</i>	21.26	
<i>For Damper Blades Outside Air Stream, Add</i>	42.52	
<i>For Dynamic Damper, Add</i>	31.89	
23 33 13 16-0169 EA 60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	293.62	45.51
<i>For 3 Hour Rated, Add</i>	31.39	
<i>For Horizontal, Add</i>	23.54	
<i>For Damper Blades Outside Air Stream, Add</i>	47.09	
<i>For Dynamic Damper, Add</i>	35.32	
23 33 13 16-0170 EA 60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	312.16	47.76
<i>For 3 Hour Rated, Add</i>	33.73	
<i>For Horizontal, Add</i>	25.30	
<i>For Damper Blades Outside Air Stream, Add</i>	50.60	
<i>For Dynamic Damper, Add</i>	37.95	
23 33 13 16-0171 EA 60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	337.74	50.08
<i>For 3 Hour Rated, Add</i>	37.48	
<i>For Horizontal, Add</i>	28.11	
<i>For Damper Blades Outside Air Stream, Add</i>	56.22	
<i>For Dynamic Damper, Add</i>	42.17	
23 33 13 16-0172 EA 60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	360.97	52.34
<i>For 3 Hour Rated, Add</i>	40.76	
<i>For Horizontal, Add</i>	30.57	
<i>For Damper Blades Outside Air Stream, Add</i>	61.14	
<i>For Dynamic Damper, Add</i>	45.86	
23 33 13 16-0173 EA 60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	384.20	54.60
<i>For 3 Hour Rated, Add</i>	44.04	
<i>For Horizontal, Add</i>	33.03	
<i>For Damper Blades Outside Air Stream, Add</i>	66.06	
<i>For Dynamic Damper, Add</i>	49.55	
23 33 13 16-0174 EA 60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	405.07	56.92
<i>For 3 Hour Rated, Add</i>	46.85	
<i>For Horizontal, Add</i>	35.14	
<i>For Damper Blades Outside Air Stream, Add</i>	70.28	
<i>For Dynamic Damper, Add</i>	52.71	
23 33 13 16-0175 EA 60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	425.98	59.17
<i>For 3 Hour Rated, Add</i>	49.66	
<i>For Horizontal, Add</i>	37.25	
<i>For Damper Blades Outside Air Stream, Add</i>	74.50	
<i>For Dynamic Damper, Add</i>	55.87	
<b>23 33 13 16-0176 Parallel Blade Louver Fire Damper</b> <small>(23 33 13 16)</small>		
<i>Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.</i>		
23 33 13 16-0177 EA 6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.69	7.58
<i>For 3 Hour Rated, Add</i>	6.79	
<i>For Horizontal, Add</i>	5.09	
<i>For Dynamic Damper, Add</i>	7.64	
23 33 13 16-0178 EA 8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.17	7.92
<i>For 3 Hour Rated, Add</i>	7.08	
<i>For Horizontal, Add</i>	5.31	
<i>For Dynamic Damper, Add</i>	7.96	
23 33 13 16-0179 EA 8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	60.77	7.99
<i>For 3 Hour Rated, Add</i>	7.37	
<i>For Horizontal, Add</i>	5.53	
<i>For Dynamic Damper, Add</i>	8.29	
23 33 13 16-0180 EA 10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	60.77	7.99
<i>For 3 Hour Rated, Add</i>	7.37	
<i>For Horizontal, Add</i>	5.53	
<i>For Dynamic Damper, Add</i>	8.29	
23 33 13 16-0181 EA 10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.93	8.20
<i>For 3 Hour Rated, Add</i>	7.67	
<i>For Horizontal, Add</i>	5.75	
<i>For Dynamic Damper, Add</i>	8.62	
23 33 13 16-0182 EA 10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.58	9.08
<i>For 3 Hour Rated, Add</i>	8.25	
<i>For Horizontal, Add</i>	6.19	
<i>For Dynamic Damper, Add</i>	9.28	
23 33 13 16-0183 EA 12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.93	8.20
<i>For 3 Hour Rated, Add</i>	7.67	
<i>For Horizontal, Add</i>	5.75	
<i>For Dynamic Damper, Add</i>	8.62	
23 33 13 16-0184 EA 12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	67.22	8.68
<i>For 3 Hour Rated, Add</i>	8.25	
<i>For Horizontal, Add</i>	6.19	
<i>For Dynamic Damper, Add</i>	9.28	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0185	EA		12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	70.05	9.08
			<i>For 3 Hour Rated, Add</i>	8.54	
			<i>For Horizontal, Add</i>	6.41	
			<i>For Dynamic Damper, Add</i>	9.61	
23 33 13 16-0186	EA		12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	74.93	10.25
			<i>For 3 Hour Rated, Add</i>	8.84	
			<i>For Horizontal, Add</i>	6.63	
			<i>For Dynamic Damper, Add</i>	9.94	
23 33 13 16-0187	EA		14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	66.49	8.68
			<i>For 3 Hour Rated, Add</i>	8.10	
			<i>For Horizontal, Add</i>	6.08	
			<i>For Dynamic Damper, Add</i>	9.12	
23 33 13 16-0188	EA		14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	70.05	9.08
			<i>For 3 Hour Rated, Add</i>	8.54	
			<i>For Horizontal, Add</i>	6.41	
			<i>For Dynamic Damper, Add</i>	9.61	
23 33 13 16-0189	EA		14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	72.88	9.57
			<i>For 3 Hour Rated, Add</i>	8.84	
			<i>For Horizontal, Add</i>	6.63	
			<i>For Dynamic Damper, Add</i>	9.94	
23 33 13 16-0190	EA		14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	76.39	10.25
			<i>For 3 Hour Rated, Add</i>	9.13	
			<i>For Horizontal, Add</i>	6.85	
			<i>For Dynamic Damper, Add</i>	10.27	
23 33 13 16-0191	EA		14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	83.47	11.41
			<i>For 3 Hour Rated, Add</i>	9.86	
			<i>For Horizontal, Add</i>	7.40	
			<i>For Dynamic Damper, Add</i>	11.09	
23 33 13 16-0192	EA		16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	86.99	9.08
			<i>For 3 Hour Rated, Add</i>	11.93	
			<i>For Horizontal, Add</i>	8.95	
			<i>For Dynamic Damper, Add</i>	13.42	
23 33 13 16-0193	EA		16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	90.69	9.77
			<i>For 3 Hour Rated, Add</i>	12.26	
			<i>For Horizontal, Add</i>	9.20	
			<i>For Dynamic Damper, Add</i>	13.79	
23 33 13 16-0194	EA		16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	95.07	10.73
			<i>For 3 Hour Rated, Add</i>	12.59	
			<i>For Horizontal, Add</i>	9.44	
			<i>For Dynamic Damper, Add</i>	14.16	
23 33 13 16-0195	EA		16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	98.74	11.41
			<i>For 3 Hour Rated, Add</i>	12.92	
			<i>For Horizontal, Add</i>	9.69	
			<i>For Dynamic Damper, Add</i>	14.53	
23 33 13 16-0196	EA		16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	106.27	12.50
			<i>For 3 Hour Rated, Add</i>	13.74	
			<i>For Horizontal, Add</i>	10.30	
			<i>For Dynamic Damper, Add</i>	15.46	
23 33 13 16-0197	EA		16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	113.79	13.67
			<i>For 3 Hour Rated, Add</i>	14.56	
			<i>For Horizontal, Add</i>	10.92	
			<i>For Dynamic Damper, Add</i>	16.38	
23 33 13 16-0198	EA		18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	90.00	9.57
			<i>For 3 Hour Rated, Add</i>	12.26	
			<i>For Horizontal, Add</i>	9.20	
			<i>For Dynamic Damper, Add</i>	13.79	
23 33 13 16-0199	EA		18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	94.51	10.25
			<i>For 3 Hour Rated, Add</i>	12.75	
			<i>For Horizontal, Add</i>	9.56	
			<i>For Dynamic Damper, Add</i>	14.35	
23 33 13 16-0200	EA		18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	100.40	11.41
			<i>For 3 Hour Rated, Add</i>	13.25	
			<i>For Horizontal, Add</i>	9.94	
			<i>For Dynamic Damper, Add</i>	14.90	
23 33 13 16-0201	EA		18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	107.91	12.50
			<i>For 3 Hour Rated, Add</i>	14.07	
			<i>For Horizontal, Add</i>	10.55	
			<i>For Dynamic Damper, Add</i>	15.82	
23 33 13 16-0202	EA		18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	114.61	13.67
			<i>For 3 Hour Rated, Add</i>	14.72	
			<i>For Horizontal, Add</i>	11.04	
			<i>For Dynamic Damper, Add</i>	16.56	
23 33 13 16-0203	EA		18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	122.13	14.76
			<i>For 3 Hour Rated, Add</i>	15.54	
			<i>For Horizontal, Add</i>	11.66	
			<i>For Dynamic Damper, Add</i>	17.48	
23 33 13 16-0204	EA		18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	128.00	15.92
			<i>For 3 Hour Rated, Add</i>	16.03	
			<i>For Horizontal, Add</i>	12.03	
			<i>For Dynamic Damper, Add</i>	18.04	
23 33 13 16-0205	EA		20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	93.70	10.25
			<i>For 3 Hour Rated, Add</i>	12.59	
			<i>For Horizontal, Add</i>	9.44	
			<i>For Dynamic Damper, Add</i>	14.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0206 EA 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.38	11.41
<i>For 3 Hour Rated, Add</i>	13.24	
<i>For Horizontal, Add</i>	9.93	
<i>For Dynamic Damper, Add</i>	14.90	
23 33 13 16-0207 EA 20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.09	12.50
<i>For 3 Hour Rated, Add</i>	13.90	
<i>For Horizontal, Add</i>	10.43	
<i>For Dynamic Damper, Add</i>	15.64	
23 33 13 16-0208 EA 20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	117.08	13.67
<i>For 3 Hour Rated, Add</i>	15.22	
<i>For Horizontal, Add</i>	11.41	
<i>For Dynamic Damper, Add</i>	17.12	
23 33 13 16-0209 EA 20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.96	14.76
<i>For 3 Hour Rated, Add</i>	15.71	
<i>For Horizontal, Add</i>	11.78	
<i>For Dynamic Damper, Add</i>	17.67	
23 33 13 16-0210 EA 20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	128.82	15.92
<i>For 3 Hour Rated, Add</i>	16.20	
<i>For Horizontal, Add</i>	12.15	
<i>For Dynamic Damper, Add</i>	18.22	
23 33 13 16-0211 EA 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	135.52	17.09
<i>For 3 Hour Rated, Add</i>	16.85	
<i>For Horizontal, Add</i>	12.64	
<i>For Dynamic Damper, Add</i>	18.96	
23 33 13 16-0212 EA 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.20	18.18
<i>For 3 Hour Rated, Add</i>	17.51	
<i>For Horizontal, Add</i>	13.13	
<i>For Dynamic Damper, Add</i>	19.70	
23 33 13 16-0213 EA 24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.46	11.41
<i>For 3 Hour Rated, Add</i>	16.26	
<i>For Horizontal, Add</i>	12.20	
<i>For Dynamic Damper, Add</i>	18.29	
23 33 13 16-0214 EA 24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.81	12.50
<i>For 3 Hour Rated, Add</i>	17.25	
<i>For Horizontal, Add</i>	12.93	
<i>For Dynamic Damper, Add</i>	19.40	
23 33 13 16-0215 EA 24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.52	13.67
<i>For 3 Hour Rated, Add</i>	17.90	
<i>For Horizontal, Add</i>	13.43	
<i>For Dynamic Damper, Add</i>	20.14	
23 33 13 16-0216 EA 24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.84	14.76
<i>For 3 Hour Rated, Add</i>	18.88	
<i>For Horizontal, Add</i>	14.16	
<i>For Dynamic Damper, Add</i>	21.24	
23 33 13 16-0217 EA 24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	144.72	15.92
<i>For 3 Hour Rated, Add</i>	19.38	
<i>For Horizontal, Add</i>	14.53	
<i>For Dynamic Damper, Add</i>	21.80	
23 33 13 16-0218 EA 24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	150.59	17.09
<i>For 3 Hour Rated, Add</i>	19.87	
<i>For Horizontal, Add</i>	14.90	
<i>For Dynamic Damper, Add</i>	22.35	
23 33 13 16-0219 EA 24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.92	18.18
<i>For 3 Hour Rated, Add</i>	20.85	
<i>For Horizontal, Add</i>	15.64	
<i>For Dynamic Damper, Add</i>	23.46	
23 33 13 16-0220 EA 24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.67	20.49
<i>For 3 Hour Rated, Add</i>	21.84	
<i>For Horizontal, Add</i>	16.38	
<i>For Dynamic Damper, Add</i>	24.57	
23 33 13 16-0221 EA 24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.07	22.75
<i>For 3 Hour Rated, Add</i>	23.15	
<i>For Horizontal, Add</i>	17.36	
<i>For Dynamic Damper, Add</i>	26.04	
23 33 13 16-0222 EA 28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.81	12.50
<i>For 3 Hour Rated, Add</i>	17.25	
<i>For Horizontal, Add</i>	12.93	
<i>For Dynamic Damper, Add</i>	19.40	
23 33 13 16-0223 EA 28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.52	13.67
<i>For 3 Hour Rated, Add</i>	17.90	
<i>For Horizontal, Add</i>	13.43	
<i>For Dynamic Damper, Add</i>	20.14	
23 33 13 16-0224 EA 28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.84	14.76
<i>For 3 Hour Rated, Add</i>	18.88	
<i>For Horizontal, Add</i>	14.16	
<i>For Dynamic Damper, Add</i>	21.24	
23 33 13 16-0225 EA 28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.53	15.92
<i>For 3 Hour Rated, Add</i>	19.54	
<i>For Horizontal, Add</i>	14.66	
<i>For Dynamic Damper, Add</i>	21.98	
23 33 13 16-0226 EA 28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.06	17.09
<i>For 3 Hour Rated, Add</i>	20.36	
<i>For Horizontal, Add</i>	15.27	
<i>For Dynamic Damper, Add</i>	22.91	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0227	EA		28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	160.55	18.18
			<i>For 3 Hour Rated, Add</i>	21.18	
			<i>For Horizontal, Add</i>	15.88	
			<i>For Dynamic Damper, Add</i>	23.83	
23 33 13 16-0228	EA		28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	172.31	20.49
			<i>For 3 Hour Rated, Add</i>	22.16	
			<i>For Horizontal, Add</i>	16.62	
			<i>For Dynamic Damper, Add</i>	24.93	
23 33 13 16-0229	EA		28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	184.07	22.75
			<i>For 3 Hour Rated, Add</i>	23.15	
			<i>For Horizontal, Add</i>	17.36	
			<i>For Dynamic Damper, Add</i>	26.04	
23 33 13 16-0230	EA		28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	197.33	23.91
			<i>For 3 Hour Rated, Add</i>	25.12	
			<i>For Horizontal, Add</i>	18.84	
			<i>For Dynamic Damper, Add</i>	28.26	
23 33 13 16-0231	EA		28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	212.36	26.17
			<i>For 3 Hour Rated, Add</i>	26.76	
			<i>For Horizontal, Add</i>	20.07	
			<i>For Dynamic Damper, Add</i>	30.10	
23 33 13 16-0232	EA		32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	135.42	13.67
			<i>For 3 Hour Rated, Add</i>	18.88	
			<i>For Horizontal, Add</i>	14.16	
			<i>For Dynamic Damper, Add</i>	21.24	
23 33 13 16-0233	EA		32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	140.47	14.76
			<i>For 3 Hour Rated, Add</i>	19.21	
			<i>For Horizontal, Add</i>	14.41	
			<i>For Dynamic Damper, Add</i>	21.61	
23 33 13 16-0234	EA		32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	145.53	15.92
			<i>For 3 Hour Rated, Add</i>	19.54	
			<i>For Horizontal, Add</i>	14.66	
			<i>For Dynamic Damper, Add</i>	21.98	
23 33 13 16-0235	EA		32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	152.22	17.09
			<i>For 3 Hour Rated, Add</i>	20.19	
			<i>For Horizontal, Add</i>	15.15	
			<i>For Dynamic Damper, Add</i>	22.72	
23 33 13 16-0236	EA		32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	160.86	18.18
			<i>For 3 Hour Rated, Add</i>	21.24	
			<i>For Horizontal, Add</i>	15.93	
			<i>For Dynamic Damper, Add</i>	23.90	
23 33 13 16-0237	EA		32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	172.31	20.49
			<i>For 3 Hour Rated, Add</i>	22.16	
			<i>For Horizontal, Add</i>	16.62	
			<i>For Dynamic Damper, Add</i>	24.93	
23 33 13 16-0238	EA		32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	185.72	22.75
			<i>For 3 Hour Rated, Add</i>	23.48	
			<i>For Horizontal, Add</i>	17.61	
			<i>For Dynamic Damper, Add</i>	26.41	
23 33 13 16-0239	EA		32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	199.11	25.01
			<i>For 3 Hour Rated, Add</i>	24.79	
			<i>For Horizontal, Add</i>	18.59	
			<i>For Dynamic Damper, Add</i>	27.89	
23 33 13 16-0240	EA		32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	212.36	26.17
			<i>For 3 Hour Rated, Add</i>	26.76	
			<i>For Horizontal, Add</i>	20.07	
			<i>For Dynamic Damper, Add</i>	30.10	
23 33 13 16-0241	EA		32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	229.30	28.01
			<i>For 3 Hour Rated, Add</i>	29.05	
			<i>For Horizontal, Add</i>	21.79	
			<i>For Dynamic Damper, Add</i>	32.68	
23 33 13 16-0242	EA		32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	247.21	29.59
			<i>For 3 Hour Rated, Add</i>	31.68	
			<i>For Horizontal, Add</i>	23.76	
			<i>For Dynamic Damper, Add</i>	35.64	
23 33 13 16-0243	EA		36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	152.20	14.76
			<i>For 3 Hour Rated, Add</i>	21.56	
			<i>For Horizontal, Add</i>	16.17	
			<i>For Dynamic Damper, Add</i>	24.25	
23 33 13 16-0244	EA		36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	159.34	15.92
			<i>For 3 Hour Rated, Add</i>	22.30	
			<i>For Horizontal, Add</i>	16.73	
			<i>For Dynamic Damper, Add</i>	25.09	
23 33 13 16-0245	EA		36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	166.51	17.09
			<i>For 3 Hour Rated, Add</i>	23.05	
			<i>For Horizontal, Add</i>	17.29	
			<i>For Dynamic Damper, Add</i>	25.93	
23 33 13 16-0246	EA		36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	175.55	18.18
			<i>For 3 Hour Rated, Add</i>	24.18	
			<i>For Horizontal, Add</i>	18.13	
			<i>For Dynamic Damper, Add</i>	27.20	
23 33 13 16-0247	EA		36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	185.20	20.49
			<i>For 3 Hour Rated, Add</i>	24.74	
			<i>For Horizontal, Add</i>	18.56	
			<i>For Dynamic Damper, Add</i>	27.83	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Air Distribution			<b>23 30</b>
Air Duct Accessories			<b>23 33</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0248	EA		36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.44	21.59
			<i>For 3 Hour Rated, Add</i>	25.31	
			<i>For Horizontal, Add</i>	18.98	
			<i>For Dynamic Damper, Add</i>	28.47	
23 33 13 16-0249	EA		36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.06	25.01
			<i>For 3 Hour Rated, Add</i>	27.18	
			<i>For Horizontal, Add</i>	20.39	
			<i>For Dynamic Damper, Add</i>	30.58	
23 33 13 16-0250	EA		36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	227.26	27.33
			<i>For 3 Hour Rated, Add</i>	29.05	
			<i>For Horizontal, Add</i>	21.79	
			<i>For Dynamic Damper, Add</i>	32.68	
23 33 13 16-0251	EA		36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.24	28.22
			<i>For 3 Hour Rated, Add</i>	31.30	
			<i>For Horizontal, Add</i>	23.48	
			<i>For Dynamic Damper, Add</i>	35.21	
23 33 13 16-0252	EA		36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	262.37	30.27
			<i>For 3 Hour Rated, Add</i>	34.30	
			<i>For Horizontal, Add</i>	25.72	
			<i>For Dynamic Damper, Add</i>	38.59	
23 33 13 16-0253	EA		36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	280.26	31.85
			<i>For 3 Hour Rated, Add</i>	36.92	
			<i>For Horizontal, Add</i>	27.69	
			<i>For Dynamic Damper, Add</i>	41.54	
23 33 13 16-0254	EA		36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	298.68	33.00
			<i>For 3 Hour Rated, Add</i>	39.92	
			<i>For Horizontal, Add</i>	29.94	
			<i>For Dynamic Damper, Add</i>	44.91	
23 33 13 16-0255	EA		40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.91	17.09
			<i>For 3 Hour Rated, Add</i>	24.62	
			<i>For Horizontal, Add</i>	18.46	
			<i>For Dynamic Damper, Add</i>	27.69	
23 33 13 16-0256	EA		40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	181.83	18.18
			<i>For 3 Hour Rated, Add</i>	26.12	
			<i>For Horizontal, Add</i>	19.59	
			<i>For Dynamic Damper, Add</i>	29.38	
23 33 13 16-0257	EA		40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.11	19.34
			<i>For 3 Hour Rated, Add</i>	26.49	
			<i>For Horizontal, Add</i>	19.87	
			<i>For Dynamic Damper, Add</i>	29.80	
23 33 13 16-0258	EA		40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	192.41	20.49
			<i>For 3 Hour Rated, Add</i>	26.87	
			<i>For Horizontal, Add</i>	20.15	
			<i>For Dynamic Damper, Add</i>	30.22	
23 33 13 16-0259	EA		40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.80	21.59
			<i>For 3 Hour Rated, Add</i>	28.18	
			<i>For Horizontal, Add</i>	21.13	
			<i>For Dynamic Damper, Add</i>	31.70	
23 33 13 16-0260	EA		40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	215.78	22.75
			<i>For 3 Hour Rated, Add</i>	29.49	
			<i>For Horizontal, Add</i>	22.12	
			<i>For Dynamic Damper, Add</i>	33.18	
23 33 13 16-0261	EA		40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.53	26.17
			<i>For 3 Hour Rated, Add</i>	30.99	
			<i>For Horizontal, Add</i>	23.24	
			<i>For Dynamic Damper, Add</i>	34.86	
23 33 13 16-0262	EA		40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	247.86	28.43
			<i>For 3 Hour Rated, Add</i>	32.49	
			<i>For Horizontal, Add</i>	24.37	
			<i>For Dynamic Damper, Add</i>	36.55	
23 33 13 16-0263	EA		40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.57	30.27
			<i>For 3 Hour Rated, Add</i>	34.74	
			<i>For Horizontal, Add</i>	26.05	
			<i>For Dynamic Damper, Add</i>	39.08	
23 33 13 16-0264	EA		40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	289.96	31.85
			<i>For 3 Hour Rated, Add</i>	38.86	
			<i>For Horizontal, Add</i>	29.15	
			<i>For Dynamic Damper, Add</i>	43.72	
23 33 13 16-0265	EA		40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	306.67	33.69
			<i>For 3 Hour Rated, Add</i>	41.11	
			<i>For Horizontal, Add</i>	30.83	
			<i>For Dynamic Damper, Add</i>	46.25	
23 33 13 16-0266	EA		40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	330.02	34.58
			<i>For 3 Hour Rated, Add</i>	45.23	
			<i>For Horizontal, Add</i>	33.92	
			<i>For Dynamic Damper, Add</i>	50.89	
23 33 13 16-0267	EA		40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	354.23	36.42
			<i>For 3 Hour Rated, Add</i>	48.98	
			<i>For Horizontal, Add</i>	36.74	
			<i>For Dynamic Damper, Add</i>	55.10	
23 33 13 16-0268	EA		44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.08	17.09
			<i>For 3 Hour Rated, Add</i>	25.37	
			<i>For Horizontal, Add</i>	19.02	
			<i>For Dynamic Damper, Add</i>	28.54	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0269	EA		44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	188.99	18.18
			<i>For 3 Hour Rated, Add</i>	26.87	
			<i>For Horizontal, Add</i>	20.15	
			<i>For Dynamic Damper, Add</i>	30.22	
23 33 13 16-0270	EA		44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	198.04	19.34
			<i>For 3 Hour Rated, Add</i>	27.99	
			<i>For Horizontal, Add</i>	20.99	
			<i>For Dynamic Damper, Add</i>	31.49	
23 33 13 16-0271	EA		44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	203.32	20.49
			<i>For 3 Hour Rated, Add</i>	28.37	
			<i>For Horizontal, Add</i>	21.27	
			<i>For Dynamic Damper, Add</i>	31.91	
23 33 13 16-0272	EA		44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	214.24	21.59
			<i>For 3 Hour Rated, Add</i>	29.87	
			<i>For Horizontal, Add</i>	22.40	
			<i>For Dynamic Damper, Add</i>	33.60	
23 33 13 16-0273	EA		44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	225.16	22.75
			<i>For 3 Hour Rated, Add</i>	31.37	
			<i>For Horizontal, Add</i>	23.52	
			<i>For Dynamic Damper, Add</i>	35.29	
23 33 13 16-0274	EA		44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	248.20	27.33
			<i>For 3 Hour Rated, Add</i>	33.24	
			<i>For Horizontal, Add</i>	24.93	
			<i>For Dynamic Damper, Add</i>	37.40	
23 33 13 16-0275	EA		44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	264.39	29.59
			<i>For 3 Hour Rated, Add</i>	35.11	
			<i>For Horizontal, Add</i>	26.33	
			<i>For Dynamic Damper, Add</i>	39.50	
23 33 13 16-0276	EA		44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	289.96	31.85
			<i>For 3 Hour Rated, Add</i>	38.86	
			<i>For Horizontal, Add</i>	29.15	
			<i>For Dynamic Damper, Add</i>	43.72	
23 33 13 16-0277	EA		44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	313.66	34.16
			<i>For 3 Hour Rated, Add</i>	42.23	
			<i>For Horizontal, Add</i>	31.68	
			<i>For Dynamic Damper, Add</i>	47.51	
23 33 13 16-0278	EA		44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	339.23	36.42
			<i>For 3 Hour Rated, Add</i>	45.98	
			<i>For Horizontal, Add</i>	34.49	
			<i>For Dynamic Damper, Add</i>	51.73	
23 33 13 16-0279	EA		44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	359.51	37.51
			<i>For 3 Hour Rated, Add</i>	49.35	
			<i>For Horizontal, Add</i>	37.02	
			<i>For Dynamic Damper, Add</i>	55.52	
23 33 13 16-0280	EA		44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	379.80	38.67
			<i>For 3 Hour Rated, Add</i>	52.73	
			<i>For Horizontal, Add</i>	39.55	
			<i>For Dynamic Damper, Add</i>	59.32	
23 33 13 16-0281	EA		44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	400.10	39.84
			<i>For 3 Hour Rated, Add</i>	56.10	
			<i>For Horizontal, Add</i>	42.08	
			<i>For Dynamic Damper, Add</i>	63.12	
23 33 13 16-0282	EA		48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	187.11	18.18
			<i>For 3 Hour Rated, Add</i>	26.49	
			<i>For Horizontal, Add</i>	19.87	
			<i>For Dynamic Damper, Add</i>	29.80	
23 33 13 16-0283	EA		48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	198.04	19.34
			<i>For 3 Hour Rated, Add</i>	27.99	
			<i>For Horizontal, Add</i>	20.99	
			<i>For Dynamic Damper, Add</i>	31.49	
23 33 13 16-0284	EA		48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	203.32	20.49
			<i>For 3 Hour Rated, Add</i>	28.37	
			<i>For Horizontal, Add</i>	21.27	
			<i>For Dynamic Damper, Add</i>	31.91	
23 33 13 16-0285	EA		48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	215.78	22.75
			<i>For 3 Hour Rated, Add</i>	29.49	
			<i>For Horizontal, Add</i>	22.12	
			<i>For Dynamic Damper, Add</i>	33.18	
23 33 13 16-0286	EA		48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	230.11	25.01
			<i>For 3 Hour Rated, Add</i>	30.99	
			<i>For Horizontal, Add</i>	23.24	
			<i>For Dynamic Damper, Add</i>	34.86	
23 33 13 16-0287	EA		48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	244.44	27.33
			<i>For 3 Hour Rated, Add</i>	32.49	
			<i>For Horizontal, Add</i>	24.37	
			<i>For Dynamic Damper, Add</i>	36.55	
23 33 13 16-0288	EA		48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	262.52	29.59
			<i>For 3 Hour Rated, Add</i>	34.74	
			<i>For Horizontal, Add</i>	26.05	
			<i>For Dynamic Damper, Add</i>	39.08	
23 33 13 16-0289	EA		48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	280.59	31.85
			<i>For 3 Hour Rated, Add</i>	36.99	
			<i>For Horizontal, Add</i>	27.74	
			<i>For Dynamic Damper, Add</i>	41.61	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
HVAC Air Distribution			<b>23 30</b>
Air Duct Accessories			<b>23 33</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0290 EA 48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	304.29	34.16
For 3 Hour Rated, Add	40.36	
For Horizontal, Add	30.27	
For Dynamic Damper, Add	45.41	
23 33 13 16-0291 EA 48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	331.73	36.42
For 3 Hour Rated, Add	44.48	
For Horizontal, Add	33.36	
For Dynamic Damper, Add	50.04	
23 33 13 16-0292 EA 48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	352.03	37.51
For 3 Hour Rated, Add	47.86	
For Horizontal, Add	35.89	
For Dynamic Damper, Add	53.84	
23 33 13 16-0293 EA 48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	377.92	38.67
For 3 Hour Rated, Add	52.35	
For Horizontal, Add	39.26	
For Dynamic Damper, Add	58.90	
23 33 13 16-0294 EA 48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.64	40.93
For 3 Hour Rated, Add	55.73	
For Horizontal, Add	41.80	
For Dynamic Damper, Add	62.69	
23 33 13 16-0295 EA 48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.54	42.09
For 3 Hour Rated, Add	60.23	
For Horizontal, Add	45.17	
For Dynamic Damper, Add	67.75	
23 33 13 16-0296 EA 48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	452.78	45.51
For 3 Hour Rated, Add	63.22	
For Horizontal, Add	47.42	
For Dynamic Damper, Add	71.13	
23 33 13 16-0297 EA 52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.16	19.34
For 3 Hour Rated, Add	27.62	
For Horizontal, Add	20.71	
For Dynamic Damper, Add	31.07	
23 33 13 16-0298 EA 52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.07	20.49
For 3 Hour Rated, Add	29.12	
For Horizontal, Add	21.84	
For Dynamic Damper, Add	32.76	
23 33 13 16-0299 EA 52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	221.41	22.75
For 3 Hour Rated, Add	30.62	
For Horizontal, Add	22.96	
For Dynamic Damper, Add	34.44	
23 33 13 16-0300 EA 52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	230.11	25.01
For 3 Hour Rated, Add	30.99	
For Horizontal, Add	23.24	
For Dynamic Damper, Add	34.86	
23 33 13 16-0301 EA 52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	245.39	27.33
For 3 Hour Rated, Add	32.68	
For Horizontal, Add	24.51	
For Dynamic Damper, Add	36.76	
23 33 13 16-0302 EA 52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	260.64	29.59
For 3 Hour Rated, Add	34.36	
For Horizontal, Add	25.77	
For Dynamic Damper, Add	38.66	
23 33 13 16-0303 EA 52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	278.72	31.85
For 3 Hour Rated, Add	36.61	
For Horizontal, Add	27.46	
For Dynamic Damper, Add	41.19	
23 33 13 16-0304 EA 52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	296.79	34.16
For 3 Hour Rated, Add	38.86	
For Horizontal, Add	29.15	
For Dynamic Damper, Add	43.72	
23 33 13 16-0305 EA 52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	320.50	36.42
For 3 Hour Rated, Add	42.23	
For Horizontal, Add	31.68	
For Dynamic Damper, Add	47.51	
23 33 13 16-0306 EA 52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	349.81	38.67
For 3 Hour Rated, Add	46.73	
For Horizontal, Add	35.05	
For Dynamic Damper, Add	52.57	
23 33 13 16-0307 EA 52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	371.97	39.84
For 3 Hour Rated, Add	50.48	
For Horizontal, Add	37.86	
For Dynamic Damper, Add	56.79	
23 33 13 16-0308 EA 52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	399.76	40.93
For 3 Hour Rated, Add	55.35	
For Horizontal, Add	41.51	
For Dynamic Damper, Add	62.27	
23 33 13 16-0309 EA 52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	429.06	43.26
For 3 Hour Rated, Add	59.85	
For Horizontal, Add	44.89	
For Dynamic Damper, Add	67.33	
23 33 13 16-0310 EA 52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	452.78	45.51
For 3 Hour Rated, Add	63.22	
For Horizontal, Add	47.42	
For Dynamic Damper, Add	71.13	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0311	EA		52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	485.51	48.92
			<i>For 3 Hour Rated, Add</i>	67.72	
			<i>For Horizontal, Add</i>	50.79	
			<i>For Dynamic Damper, Add</i>	76.19	
23 33 13 16-0312	EA		52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	511.09	51.18
			<i>For 3 Hour Rated, Add</i>	71.47	
			<i>For Horizontal, Add</i>	53.60	
			<i>For Dynamic Damper, Add</i>	80.40	
23 33 13 16-0313	EA		56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	203.32	20.49
			<i>For 3 Hour Rated, Add</i>	28.37	
			<i>For Horizontal, Add</i>	21.27	
			<i>For Dynamic Damper, Add</i>	31.91	
23 33 13 16-0314	EA		56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	219.52	22.75
			<i>For 3 Hour Rated, Add</i>	30.24	
			<i>For Horizontal, Add</i>	22.68	
			<i>For Dynamic Damper, Add</i>	34.02	
23 33 13 16-0315	EA		56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	231.99	25.01
			<i>For 3 Hour Rated, Add</i>	31.37	
			<i>For Horizontal, Add</i>	23.52	
			<i>For Dynamic Damper, Add</i>	35.29	
23 33 13 16-0316	EA		56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	240.69	27.33
			<i>For 3 Hour Rated, Add</i>	31.74	
			<i>For Horizontal, Add</i>	23.80	
			<i>For Dynamic Damper, Add</i>	35.71	
23 33 13 16-0317	EA		56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	257.84	29.59
			<i>For 3 Hour Rated, Add</i>	33.80	
			<i>For Horizontal, Add</i>	25.35	
			<i>For Dynamic Damper, Add</i>	38.03	
23 33 13 16-0318	EA		56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	274.97	31.85
			<i>For 3 Hour Rated, Add</i>	35.86	
			<i>For Horizontal, Add</i>	26.90	
			<i>For Dynamic Damper, Add</i>	40.34	
23 33 13 16-0319	EA		56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	292.11	34.16
			<i>For 3 Hour Rated, Add</i>	37.92	
			<i>For Horizontal, Add</i>	28.44	
			<i>For Dynamic Damper, Add</i>	42.66	
23 33 13 16-0320	EA		56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	309.25	36.42
			<i>For 3 Hour Rated, Add</i>	39.98	
			<i>For Horizontal, Add</i>	29.99	
			<i>For Dynamic Damper, Add</i>	44.98	
23 33 13 16-0321	EA		56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	338.56	38.67
			<i>For 3 Hour Rated, Add</i>	44.48	
			<i>For Horizontal, Add</i>	33.36	
			<i>For Dynamic Damper, Add</i>	50.04	
23 33 13 16-0322	EA		56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	364.48	39.84
			<i>For 3 Hour Rated, Add</i>	48.98	
			<i>For Horizontal, Add</i>	36.74	
			<i>For Dynamic Damper, Add</i>	55.10	
23 33 13 16-0323	EA		56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	388.51	40.93
			<i>For 3 Hour Rated, Add</i>	53.10	
			<i>For Horizontal, Add</i>	39.83	
			<i>For Dynamic Damper, Add</i>	59.74	
23 33 13 16-0324	EA		56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	421.58	43.26
			<i>For 3 Hour Rated, Add</i>	58.35	
			<i>For Horizontal, Add</i>	43.76	
			<i>For Dynamic Damper, Add</i>	65.65	
23 33 13 16-0325	EA		56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	450.90	45.51
			<i>For 3 Hour Rated, Add</i>	62.85	
			<i>For Horizontal, Add</i>	47.14	
			<i>For Dynamic Damper, Add</i>	70.70	
23 33 13 16-0326	EA		56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	482.09	47.76
			<i>For 3 Hour Rated, Add</i>	67.72	
			<i>For Horizontal, Add</i>	50.79	
			<i>For Dynamic Damper, Add</i>	76.19	
23 33 13 16-0327	EA		56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	507.68	50.08
			<i>For 3 Hour Rated, Add</i>	71.47	
			<i>For Horizontal, Add</i>	53.60	
			<i>For Dynamic Damper, Add</i>	80.40	
23 33 13 16-0328	EA		56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	538.87	52.34
			<i>For 3 Hour Rated, Add</i>	76.34	
			<i>For Horizontal, Add</i>	57.26	
			<i>For Dynamic Damper, Add</i>	85.88	
23 33 13 16-0329	EA		56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	570.06	54.60
			<i>For 3 Hour Rated, Add</i>	81.21	
			<i>For Horizontal, Add</i>	60.91	
			<i>For Dynamic Damper, Add</i>	91.37	
23 33 13 16-0330	EA		60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	215.78	22.75
			<i>For 3 Hour Rated, Add</i>	29.49	
			<i>For Horizontal, Add</i>	22.12	
			<i>For Dynamic Damper, Add</i>	33.18	
23 33 13 16-0331	EA		60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	231.99	25.01
			<i>For 3 Hour Rated, Add</i>	31.37	
			<i>For Horizontal, Add</i>	23.52	
			<i>For Dynamic Damper, Add</i>	35.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0332 EA 60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	242.56	27.33
<i>For 3 Hour Rated, Add</i>	32.11	
<i>For Horizontal, Add</i>	24.08	
<i>For Dynamic Damper, Add</i>	36.13	
23 33 13 16-0333 EA 60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	251.27	29.59
<i>For 3 Hour Rated, Add</i>	32.49	
<i>For Horizontal, Add</i>	24.37	
<i>For Dynamic Damper, Add</i>	36.55	
23 33 13 16-0334 EA 60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	269.35	31.85
<i>For 3 Hour Rated, Add</i>	34.74	
<i>For Horizontal, Add</i>	26.05	
<i>For Dynamic Damper, Add</i>	39.08	
23 33 13 16-0335 EA 60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	287.42	34.16
<i>For 3 Hour Rated, Add</i>	36.99	
<i>For Horizontal, Add</i>	27.74	
<i>For Dynamic Damper, Add</i>	41.61	
23 33 13 16-0336 EA 60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	306.44	36.42
<i>For 3 Hour Rated, Add</i>	39.42	
<i>For Horizontal, Add</i>	29.57	
<i>For Dynamic Damper, Add</i>	44.35	
23 33 13 16-0337 EA 60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	325.45	38.67
<i>For 3 Hour Rated, Add</i>	41.86	
<i>For Horizontal, Add</i>	31.39	
<i>For Dynamic Damper, Add</i>	47.09	
23 33 13 16-0338 EA 60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	353.23	39.84
<i>For 3 Hour Rated, Add</i>	46.73	
<i>For Horizontal, Add</i>	35.05	
<i>For Dynamic Damper, Add</i>	52.57	
23 33 13 16-0339 EA 60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	379.14	40.93
<i>For 3 Hour Rated, Add</i>	51.23	
<i>For Horizontal, Add</i>	38.42	
<i>For Dynamic Damper, Add</i>	57.63	
23 33 13 16-0340 EA 60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	410.34	43.26
<i>For 3 Hour Rated, Add</i>	56.10	
<i>For Horizontal, Add</i>	42.08	
<i>For Dynamic Damper, Add</i>	63.12	
23 33 13 16-0341 EA 60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	441.54	45.51
<i>For 3 Hour Rated, Add</i>	60.98	
<i>For Horizontal, Add</i>	45.73	
<i>For Dynamic Damper, Add</i>	68.60	
23 33 13 16-0342 EA 60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	467.11	47.76
<i>For 3 Hour Rated, Add</i>	64.72	
<i>For Horizontal, Add</i>	48.54	
<i>For Dynamic Damper, Add</i>	72.81	
23 33 13 16-0343 EA 60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	503.93	50.08
<i>For 3 Hour Rated, Add</i>	70.72	
<i>For Horizontal, Add</i>	53.04	
<i>For Dynamic Damper, Add</i>	79.56	
23 33 13 16-0344 EA 60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	536.99	52.34
<i>For 3 Hour Rated, Add</i>	75.97	
<i>For Horizontal, Add</i>	56.97	
<i>For Dynamic Damper, Add</i>	85.46	
23 33 13 16-0345 EA 60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	570.06	54.60
<i>For 3 Hour Rated, Add</i>	81.21	
<i>For Horizontal, Add</i>	60.91	
<i>For Dynamic Damper, Add</i>	91.37	
23 33 13 16-0346 EA 60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	599.37	56.92
<i>For 3 Hour Rated, Add</i>	85.71	
<i>For Horizontal, Add</i>	64.28	
<i>For Dynamic Damper, Add</i>	96.42	
23 33 13 16-0347 EA 60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	628.72	59.17
<i>For 3 Hour Rated, Add</i>	90.21	
<i>For Horizontal, Add</i>	67.66	
<i>For Dynamic Damper, Add</i>	101.49	
<b>23 33 13 16-0348 Round 2 Hour Fire Damper</b> <small>(23 33 13 16)</small>		
23 33 13 16-0349 EA 4" Round 2 Hour Fire Damper .....	43.28	13.67
23 33 13 16-0350 EA 5" Round 2 Hour Fire Damper .....	44.42	13.67
23 33 13 16-0351 EA 6" Round 2 Hour Fire Damper .....	51.58	15.51
23 33 13 16-0352 EA 7" Round 2 Hour Fire Damper .....	52.82	15.51
23 33 13 16-0353 EA 8" Round 2 Hour Fire Damper .....	61.51	17.09
23 33 13 16-0354 EA 9" Round 2 Hour Fire Damper .....	64.93	17.09
23 33 13 16-0355 EA 10" Round 2 Hour Fire Damper .....	72.16	18.99
23 33 13 16-0356 EA 12" Round 2 Hour Fire Damper .....	81.09	21.39
23 33 13 16-0357 EA 14" Round 2 Hour Fire Damper .....	92.33	24.40
<b>23 33 13 16-0358 Round 4 Hour Fire Damper</b> <small>(23 33 13 16)</small>		
23 33 13 16-0359 EA 4" Round 4 Hour Fire Damper .....	48.93	15.51
23 33 13 16-0360 EA 5" Round 4 Hour Fire Damper .....	52.04	15.51
23 33 13 16-0361 EA 6" Round 4 Hour Fire Damper .....	58.29	17.09
23 33 13 16-0362 EA 7" Round 4 Hour Fire Damper .....	62.31	17.09
23 33 13 16-0363 EA 8" Round 4 Hour Fire Damper .....	70.13	18.99

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0364	EA		9" Round 4 Hour Fire Damper .....	72.58	18.99
23 33 13 16-0365	EA		10" Round 4 Hour Fire Damper .....	81.16	21.39
23 33 13 16-0366	EA		12" Round 4 Hour Fire Damper .....	90.78	24.40
23 33 13 16-0367	EA		14" Round 4 Hour Fire Damper .....	105.90	28.49

**23 33 13 19 Smoke-Control Dampers (23 33 13)****23 33 13 19-0001 Combination Smoke/Fire Damper (23 33 13 19)**

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA		6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	88.82	11.38
			<i>For 3 Hour Rated, Add</i> .....	10.94	
23 33 13 19-0003	EA		8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	91.70	11.89
			<i>For 3 Hour Rated, Add</i> .....	11.21	
23 33 13 19-0004	EA		8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	93.26	12.00
			<i>For 3 Hour Rated, Add</i> .....	11.48	
23 33 13 19-0005	EA		10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	93.26	12.00
			<i>For 3 Hour Rated, Add</i> .....	11.48	
23 33 13 19-0006	EA		10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	95.62	12.30
			<i>For 3 Hour Rated, Add</i> .....	11.74	
23 33 13 19-0007	EA		10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	102.42	13.63
			<i>For 3 Hour Rated, Add</i> .....	12.28	
23 33 13 19-0008	EA		12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	95.62	12.30
			<i>For 3 Hour Rated, Add</i> .....	11.74	
23 33 13 19-0009	EA		12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	100.37	13.01
			<i>For 3 Hour Rated, Add</i> .....	12.28	
23 33 13 19-0010	EA		12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	103.76	13.63
			<i>For 3 Hour Rated, Add</i> .....	12.55	
23 33 13 19-0011	EA		12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	110.23	15.37
			<i>For 3 Hour Rated, Add</i> .....	12.82	
23 33 13 19-0012	EA		14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	99.70	13.01
			<i>For 3 Hour Rated, Add</i> .....	12.15	
23 33 13 19-0013	EA		14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	103.76	13.63
			<i>For 3 Hour Rated, Add</i> .....	12.55	
23 33 13 19-0014	EA		14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	107.16	14.35
			<i>For 3 Hour Rated, Add</i> .....	12.82	
23 33 13 19-0015	EA		14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	111.59	15.37
			<i>For 3 Hour Rated, Add</i> .....	13.09	
23 33 13 19-0016	EA		14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	120.08	17.12
			<i>For 3 Hour Rated, Add</i> .....	13.77	
23 33 13 19-0017	EA		16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	153.03	13.63
			<i>For 3 Hour Rated, Add</i> .....	22.41	
23 33 13 19-0018	EA		16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	157.45	14.66
			<i>For 3 Hour Rated, Add</i> .....	22.68	
23 33 13 19-0019	EA		16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	162.91	16.09
			<i>For 3 Hour Rated, Add</i> .....	22.95	
23 33 13 19-0020	EA		16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	167.31	17.12
			<i>For 3 Hour Rated, Add</i> .....	23.21	
23 33 13 19-0021	EA		16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	175.81	18.76
			<i>For 3 Hour Rated, Add</i> .....	23.89	
23 33 13 19-0022	EA		16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	184.30	20.49
			<i>For 3 Hour Rated, Add</i> .....	24.56	
23 33 13 19-0023	EA		18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	156.43	14.35
			<i>For 3 Hour Rated, Add</i> .....	22.68	
23 33 13 19-0024	EA		18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	161.51	15.37
			<i>For 3 Hour Rated, Add</i> .....	23.08	
23 33 13 19-0025	EA		18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	168.68	17.12
			<i>For 3 Hour Rated, Add</i> .....	23.49	
23 33 13 19-0026	EA		18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	177.16	18.76
			<i>For 3 Hour Rated, Add</i> .....	24.16	
23 33 13 19-0027	EA		18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	184.97	20.49
			<i>For 3 Hour Rated, Add</i> .....	24.70	
23 33 13 19-0028	EA		18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	193.47	22.14
			<i>For 3 Hour Rated, Add</i> .....	25.37	
23 33 13 19-0029	EA		18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	200.62	23.88
			<i>For 3 Hour Rated, Add</i> .....	25.77	
23 33 13 19-0030	EA		20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	160.85	15.37
			<i>For 3 Hour Rated, Add</i> .....	22.95	
23 33 13 19-0031	EA		20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	168.67	17.12
			<i>For 3 Hour Rated, Add</i> .....	23.48	
23 33 13 19-0032	EA		20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	176.48	18.76
			<i>For 3 Hour Rated, Add</i> .....	24.02	
23 33 13 19-0033	EA		20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	187.00	20.49
			<i>For 3 Hour Rated, Add</i> .....	25.10	
23 33 13 19-0034	EA		20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	194.15	22.14
			<i>For 3 Hour Rated, Add</i> .....	25.51	
23 33 13 19-0035	EA		20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	201.30	23.88
			<i>For 3 Hour Rated, Add</i> .....	25.91	
23 33 13 19-0036	EA		20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	209.11	25.63
			<i>For 3 Hour Rated, Add</i> .....	26.45	
23 33 13 19-0037	EA		20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	216.93	27.26
			<i>For 3 Hour Rated, Add</i> .....	26.99	
23 33 13 19-0038	EA		24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	223.75	17.12
			<i>For 3 Hour Rated, Add</i> .....	34.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0039 EA 24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	232.92 35.31	18.76
23 33 13 19-0040 EA 24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	240.75 35.85	20.49
23 33 13 19-0041 EA 24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	249.91 36.66	22.14
23 33 13 19-0042 EA 24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	257.06 37.06	23.88
23 33 13 19-0043 EA 24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	264.20 37.47	25.63
23 33 13 19-0044 EA 24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	273.37 38.27	27.26
23 33 13 19-0045 EA 24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	287.65 39.08	30.75
23 33 13 19-0046 EA 24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	303.29 40.16	34.13
23 33 13 19-0047 EA 28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	232.92 35.31	18.76
23 33 13 19-0048 EA 28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	240.75 35.85	20.49
23 33 13 19-0049 EA 28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	249.91 36.66	22.14
23 33 13 19-0050 EA 28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	257.73 37.20	23.88
23 33 13 19-0051 EA 28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	266.22 37.87	25.63
23 33 13 19-0052 EA 28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	274.71 38.54	27.26
23 33 13 19-0053 EA 28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	288.99 39.35	30.75
23 33 13 19-0054 EA 28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	303.29 40.16	34.13
23 33 13 19-0055 EA 28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	316.50 41.78	35.88
23 33 13 19-0056 EA 28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	333.48 43.12	39.26
23 33 13 19-0057 EA 32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	244.78 36.66	20.49
23 33 13 19-0058 EA 32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	251.25 36.93	22.14
23 33 13 19-0059 EA 32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	257.73 37.20	23.88
23 33 13 19-0060 EA 32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	265.54 37.73	25.63
23 33 13 19-0061 EA 32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	274.96 38.59	27.26
23 33 13 19-0062 EA 32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	288.99 39.35	30.75
23 33 13 19-0063 EA 32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	304.64 40.43	34.13
23 33 13 19-0064 EA 32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	320.28 41.51	37.51
23 33 13 19-0065 EA 32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	333.48 43.12	39.26
23 33 13 19-0066 EA 32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	351.12 45.01	42.03
23 33 13 19-0067 EA 32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	369.06 47.16	44.38
23 33 13 19-0068 EA 36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	258.17 38.31	22.14
23 33 13 19-0069 EA 36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	266.22 38.89	23.88
23 33 13 19-0070 EA 36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	274.26 39.48	25.63
23 33 13 19-0071 EA 36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	283.79 40.36	27.26
23 33 13 19-0072 EA 36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	296.24 40.80	30.75
23 33 13 19-0073 EA 36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	303.56 41.24	32.39
23 33 13 19-0074 EA 36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	326.26 42.70	37.51
23 33 13 19-0075 EA 36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	343.83 44.17	41.00
23 33 13 19-0076 EA 36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	356.70 45.92	42.33
23 33 13 19-0077 EA 36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	377.64 48.27	45.40
23 33 13 19-0078 EA 36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	395.06 50.31	47.76
23 33 13 19-0079 EA 36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	411.89 52.66	49.51
23 33 13 19-0080 EA 40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	314.02 48.45	25.63

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0081	EA		40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.99	27.26
			<i>For 3 Hour Rated, Add</i>	49.62	
23 33 13 19-0082	EA		40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	331.59	29.00
			<i>For 3 Hour Rated, Add</i>	49.92	
23 33 13 19-0083	EA		40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	338.18	30.75
			<i>For 3 Hour Rated, Add</i>	50.21	
23 33 13 19-0084	EA		40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	353.55	32.39
			<i>For 3 Hour Rated, Add</i>	51.24	
23 33 13 19-0085	EA		40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	363.80	34.13
			<i>For 3 Hour Rated, Add</i>	52.26	
23 33 13 19-0086	EA		40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	385.04	39.26
			<i>For 3 Hour Rated, Add</i>	53.43	
23 33 13 19-0087	EA		40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.14	42.64
			<i>For 3 Hour Rated, Add</i>	54.60	
23 33 13 19-0088	EA		40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	418.12	45.40
			<i>For 3 Hour Rated, Add</i>	56.36	
23 33 13 19-0089	EA		40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	441.40	47.76
			<i>For 3 Hour Rated, Add</i>	59.58	
23 33 13 19-0090	EA		40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	458.38	50.53
			<i>For 3 Hour Rated, Add</i>	61.34	
23 33 13 19-0091	EA		40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	478.59	51.87
			<i>For 3 Hour Rated, Add</i>	64.56	
23 33 13 19-0092	EA		40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	501.44	54.63
			<i>For 3 Hour Rated, Add</i>	67.49	
23 33 13 19-0093	EA		44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	322.07	25.63
			<i>For 3 Hour Rated, Add</i>	49.04	
23 33 13 19-0094	EA		44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	333.06	27.26
			<i>For 3 Hour Rated, Add</i>	50.21	
23 33 13 19-0095	EA		44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	342.57	29.00
			<i>For 3 Hour Rated, Add</i>	51.09	
23 33 13 19-0096	EA		44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	349.16	30.75
			<i>For 3 Hour Rated, Add</i>	51.38	
23 33 13 19-0097	EA		44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	360.15	32.39
			<i>For 3 Hour Rated, Add</i>	52.56	
23 33 13 19-0098	EA		44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	371.12	34.13
			<i>For 3 Hour Rated, Add</i>	53.73	
23 33 13 19-0099	EA		44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	398.96	41.00
			<i>For 3 Hour Rated, Add</i>	55.19	
23 33 13 19-0100	EA		44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	416.51	44.38
			<i>For 3 Hour Rated, Add</i>	56.65	
23 33 13 19-0101	EA		44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	441.40	47.76
			<i>For 3 Hour Rated, Add</i>	59.58	
23 33 13 19-0102	EA		44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	464.83	51.25
			<i>For 3 Hour Rated, Add</i>	62.22	
23 33 13 19-0103	EA		44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	489.71	54.63
			<i>For 3 Hour Rated, Add</i>	65.14	
23 33 13 19-0104	EA		44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	508.02	56.27
			<i>For 3 Hour Rated, Add</i>	67.78	
23 33 13 19-0105	EA		44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	526.32	58.02
			<i>For 3 Hour Rated, Add</i>	70.42	
23 33 13 19-0106	EA		44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	544.64	59.75
			<i>For 3 Hour Rated, Add</i>	73.05	
23 33 13 19-0107	EA		48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	331.59	27.26
			<i>For 3 Hour Rated, Add</i>	49.92	
23 33 13 19-0108	EA		48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	342.57	29.00
			<i>For 3 Hour Rated, Add</i>	51.09	
23 33 13 19-0109	EA		48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	349.16	30.75
			<i>For 3 Hour Rated, Add</i>	51.38	
23 33 13 19-0110	EA		48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	363.80	34.13
			<i>For 3 Hour Rated, Add</i>	52.26	
23 33 13 19-0111	EA		48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	379.91	37.51
			<i>For 3 Hour Rated, Add</i>	53.43	
23 33 13 19-0112	EA		48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	396.02	41.00
			<i>For 3 Hour Rated, Add</i>	54.60	
23 33 13 19-0113	EA		48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	415.05	44.38
			<i>For 3 Hour Rated, Add</i>	56.36	
23 33 13 19-0114	EA		48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	434.08	47.76
			<i>For 3 Hour Rated, Add</i>	58.12	
23 33 13 19-0115	EA		48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	457.51	51.25
			<i>For 3 Hour Rated, Add</i>	60.75	
23 33 13 19-0116	EA		48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	483.85	54.63
			<i>For 3 Hour Rated, Add</i>	63.97	
23 33 13 19-0117	EA		48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	502.18	56.27
			<i>For 3 Hour Rated, Add</i>	66.61	
23 33 13 19-0118	EA		48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	524.85	58.02
			<i>For 3 Hour Rated, Add</i>	70.12	
23 33 13 19-0119	EA		48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	548.29	61.39
			<i>For 3 Hour Rated, Add</i>	72.76	
23 33 13 19-0120	EA		48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	570.98	63.14
			<i>For 3 Hour Rated, Add</i>	76.27	
23 33 13 19-0121	EA		48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	598.07	68.26
			<i>For 3 Hour Rated, Add</i>	78.62	
23 33 13 19-0122	EA		52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	341.10	29.00
			<i>For 3 Hour Rated, Add</i>	50.80	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0123 EA 52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	352.08 51.97	30.75
23 33 13 19-0124 EA 52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	368.19 53.14	34.13
23 33 13 19-0125 EA 52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	379.91 53.43	37.51
23 33 13 19-0126 EA 52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	396.76 54.75	41.00
23 33 13 19-0127 EA 52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	413.59 56.07	44.38
23 33 13 19-0128 EA 52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	432.62 57.83	47.76
23 33 13 19-0129 EA 52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	451.65 59.58	51.25
23 33 13 19-0130 EA 52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	475.08 62.22	54.63
23 33 13 19-0131 EA 52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	502.90 65.73	58.02
23 33 13 19-0132 EA 52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	522.66 68.66	59.75
23 33 13 19-0133 EA 52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	546.83 72.47	61.39
23 33 13 19-0134 EA 52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	574.63 75.98	64.88
23 33 13 19-0135 EA 52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	598.07 78.62	68.26
23 33 13 19-0136 EA 52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	631.00 82.13	73.39
23 33 13 19-0137 EA 52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	655.90 85.06	76.77
23 33 13 19-0138 EA 56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	349.16 51.38	30.75
23 33 13 19-0139 EA 56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	366.72 52.85	34.13
23 33 13 19-0140 EA 56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	381.37 53.73	37.51
23 33 13 19-0141 EA 56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	393.09 54.02	41.00
23 33 13 19-0142 EA 56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	411.39 55.63	44.38
23 33 13 19-0143 EA 56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	429.69 57.24	47.76
23 33 13 19-0144 EA 56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	447.99 58.85	51.25
23 33 13 19-0145 EA 56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	466.29 60.46	54.63
23 33 13 19-0146 EA 56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	494.10 63.97	58.02
23 33 13 19-0147 EA 56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	516.82 67.49	59.75
23 33 13 19-0148 EA 56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	538.03 70.71	61.39
23 33 13 19-0149 EA 56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	568.78 74.81	64.88
23 33 13 19-0150 EA 56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	596.60 78.32	68.26
23 33 13 19-0151 EA 56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	625.88 82.13	71.65
23 33 13 19-0152 EA 56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	650.78 85.06	75.13
23 33 13 19-0153 EA 56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	680.06 88.86	78.51
23 33 13 19-0154 EA 56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	709.33 92.67	81.90
23 33 13 19-0155 EA 60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	363.80 52.26	34.13
23 33 13 19-0156 EA 60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	381.37 53.73	37.51
23 33 13 19-0157 EA 60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	394.56 54.31	41.00
23 33 13 19-0158 EA 60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	406.26 54.60	44.38
23 33 13 19-0159 EA 60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	425.30 56.36	47.76
23 33 13 19-0160 EA 60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	444.33 58.12	51.25
23 33 13 19-0161 EA 60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	464.09 60.02	54.63
23 33 13 19-0162 EA 60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	483.87 61.93	58.02
23 33 13 19-0163 EA 60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	508.03 65.73	59.75
23 33 13 19-0164 EA 60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i>	530.71 69.24	61.39

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 33 Air Duct Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0165	EA		60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....560.01 <i>For 3 Hour Rated, Add</i> 73.05	64.88	
23 33 13 19-0166	EA		60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....589.29 <i>For 3 Hour Rated, Add</i> 76.86	68.26	
23 33 13 19-0167	EA		60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....614.18 <i>For 3 Hour Rated, Add</i> 79.79	71.65	
23 33 13 19-0168	EA		60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....647.85 <i>For 3 Hour Rated, Add</i> 84.47	75.13	
23 33 13 19-0169	EA		60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....678.60 <i>For 3 Hour Rated, Add</i> 88.57	78.51	
23 33 13 19-0170	EA		60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....709.33 <i>For 3 Hour Rated, Add</i> 92.67	81.90	
23 33 13 19-0171	EA		60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....737.15 <i>For 3 Hour Rated, Add</i> 96.18	85.38	
23 33 13 19-0172	EA		60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....764.99 <i>For 3 Hour Rated, Add</i> 99.70	88.76	

**23 33 13 19-0173 Smoke Damper** (23 33 13 19)

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA		6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....71.32 <i>For 3 Hour Rated, Add</i> 9.71 <i>For Dynamic Damper, Add</i> 10.93	7.58	
23 33 13 19-0175	EA		8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....73.57 <i>For 3 Hour Rated, Add</i> 9.96 <i>For Dynamic Damper, Add</i> 11.20	7.92	
23 33 13 19-0176	EA		8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....74.94 <i>For 3 Hour Rated, Add</i> 10.21 <i>For Dynamic Damper, Add</i> 11.48	7.99	
23 33 13 19-0177	EA		10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....74.94 <i>For 3 Hour Rated, Add</i> 10.21 <i>For Dynamic Damper, Add</i> 11.48	7.99	
23 33 13 19-0178	EA		10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....76.86 <i>For 3 Hour Rated, Add</i> 10.45 <i>For Dynamic Damper, Add</i> 11.76	8.20	
23 33 13 19-0179	EA		10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....82.04 <i>For 3 Hour Rated, Add</i> 10.94 <i>For Dynamic Damper, Add</i> 12.31	9.08	
23 33 13 19-0180	EA		12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....76.86 <i>For 3 Hour Rated, Add</i> 10.45 <i>For Dynamic Damper, Add</i> 11.76	8.20	
23 33 13 19-0181	EA		12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....80.68 <i>For 3 Hour Rated, Add</i> 10.94 <i>For Dynamic Damper, Add</i> 12.31	8.68	
23 33 13 19-0182	EA		12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....83.28 <i>For 3 Hour Rated, Add</i> 11.19 <i>For Dynamic Damper, Add</i> 12.59	9.08	
23 33 13 19-0183	EA		12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....87.92 <i>For 3 Hour Rated, Add</i> 11.43 <i>For Dynamic Damper, Add</i> 12.86	10.25	
23 33 13 19-0184	EA		14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....80.07 <i>For 3 Hour Rated, Add</i> 10.82 <i>For Dynamic Damper, Add</i> 12.17	8.68	
23 33 13 19-0185	EA		14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....83.28 <i>For 3 Hour Rated, Add</i> 11.19 <i>For Dynamic Damper, Add</i> 12.59	9.08	
23 33 13 19-0186	EA		14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....85.87 <i>For 3 Hour Rated, Add</i> 11.43 <i>For Dynamic Damper, Add</i> 12.86	9.57	
23 33 13 19-0187	EA		14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....89.16 <i>For 3 Hour Rated, Add</i> 11.68 <i>For Dynamic Damper, Add</i> 13.14	10.25	
23 33 13 19-0188	EA		14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....95.64 <i>For 3 Hour Rated, Add</i> 12.30 <i>For Dynamic Damper, Add</i> 13.83	11.41	
23 33 13 19-0189	EA		16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....128.06 <i>For 3 Hour Rated, Add</i> 20.15 <i>For Dynamic Damper, Add</i> 22.66	9.08	
23 33 13 19-0190	EA		16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....131.35 <i>For 3 Hour Rated, Add</i> 20.39 <i>For Dynamic Damper, Add</i> 22.94	9.77	
23 33 13 19-0191	EA		16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....135.31 <i>For 3 Hour Rated, Add</i> 20.64 <i>For Dynamic Damper, Add</i> 23.22	10.73	
23 33 13 19-0192	EA		16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....138.57 <i>For 3 Hour Rated, Add</i> 20.88 <i>For Dynamic Damper, Add</i> 23.49	11.41	
23 33 13 19-0193	EA		16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....145.08 <i>For 3 Hour Rated, Add</i> 21.50 <i>For Dynamic Damper, Add</i> 24.19	12.50	
23 33 13 19-0194	EA		16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....151.57 <i>For 3 Hour Rated, Add</i> 22.11 <i>For Dynamic Damper, Add</i> 24.88	13.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0195 EA 18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.66	9.57
For 3 Hour Rated, Add	20.39	
For Dynamic Damper, Add	22.94	
23 33 13 19-0196 EA 18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.55	10.25
For 3 Hour Rated, Add	20.76	
For Dynamic Damper, Add	23.36	
23 33 13 19-0197 EA 18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.82	11.41
For 3 Hour Rated, Add	21.13	
For Dynamic Damper, Add	23.77	
23 33 13 19-0198 EA 18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.31	12.50
For 3 Hour Rated, Add	21.75	
For Dynamic Damper, Add	24.46	
23 33 13 19-0199 EA 18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.18	13.67
For 3 Hour Rated, Add	22.24	
For Dynamic Damper, Add	25.02	
23 33 13 19-0200 EA 18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.68	14.76
For 3 Hour Rated, Add	22.85	
For Dynamic Damper, Add	25.71	
23 33 13 19-0201 EA 18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	163.94	15.92
For 3 Hour Rated, Add	23.22	
For Dynamic Damper, Add	26.12	
23 33 13 19-0202 EA 20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.94	10.25
For 3 Hour Rated, Add	20.64	
For Dynamic Damper, Add	23.22	
23 33 13 19-0203 EA 20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.81	11.41
For 3 Hour Rated, Add	21.13	
For Dynamic Damper, Add	23.77	
23 33 13 19-0204 EA 20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.69	12.50
For 3 Hour Rated, Add	21.62	
For Dynamic Damper, Add	24.32	
23 33 13 19-0205 EA 20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.04	13.67
For 3 Hour Rated, Add	22.61	
For Dynamic Damper, Add	25.43	
23 33 13 19-0206 EA 20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	159.30	14.76
For 3 Hour Rated, Add	22.98	
For Dynamic Damper, Add	25.85	
23 33 13 19-0207 EA 20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.56	15.92
For 3 Hour Rated, Add	23.35	
For Dynamic Damper, Add	26.26	
23 33 13 19-0208 EA 20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.43	17.09
For 3 Hour Rated, Add	23.84	
For Dynamic Damper, Add	26.82	
23 33 13 19-0209 EA 20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.30	18.18
For 3 Hour Rated, Add	24.33	
For Dynamic Damper, Add	27.37	
23 33 13 19-0210 EA 24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.86	11.41
For 3 Hour Rated, Add	28.54	
For Dynamic Damper, Add	32.11	
23 33 13 19-0211 EA 24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.98	12.50
For 3 Hour Rated, Add	29.28	
For Dynamic Damper, Add	32.94	
23 33 13 19-0212 EA 24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	189.87	13.67
For 3 Hour Rated, Add	29.77	
For Dynamic Damper, Add	33.50	
23 33 13 19-0213 EA 24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.98	14.76
For 3 Hour Rated, Add	30.51	
For Dynamic Damper, Add	34.33	
23 33 13 19-0214 EA 24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	202.23	15.92
For 3 Hour Rated, Add	30.88	
For Dynamic Damper, Add	34.74	
23 33 13 19-0215 EA 24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.49	17.09
For 3 Hour Rated, Add	31.25	
For Dynamic Damper, Add	35.15	
23 33 13 19-0216 EA 24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.59	18.18
For 3 Hour Rated, Add	31.99	
For Dynamic Damper, Add	35.98	
23 33 13 19-0217 EA 24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.11	20.49
For 3 Hour Rated, Add	32.72	
For Dynamic Damper, Add	36.81	
23 33 13 19-0218 EA 24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	236.87	22.75
For 3 Hour Rated, Add	33.71	
For Dynamic Damper, Add	37.92	
23 33 13 19-0219 EA 28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.98	12.50
For 3 Hour Rated, Add	29.28	
For Dynamic Damper, Add	32.94	
23 33 13 19-0220 EA 28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	189.87	13.67
For 3 Hour Rated, Add	29.77	
For Dynamic Damper, Add	33.50	
23 33 13 19-0221 EA 28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.98	14.76
For 3 Hour Rated, Add	30.51	
For Dynamic Damper, Add	34.33	
23 33 13 19-0222 EA 28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	202.84	15.92
For 3 Hour Rated, Add	31.00	
For Dynamic Damper, Add	34.88	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0223	EA		28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	209.33	17.09
			<i>For 3 Hour Rated, Add</i>	31.62	
			<i>For Dynamic Damper, Add</i>	35.57	
23 33 13 19-0224	EA		28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	215.81	18.18
			<i>For 3 Hour Rated, Add</i>	32.23	
			<i>For Dynamic Damper, Add</i>	36.26	
23 33 13 19-0225	EA		28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	226.33	20.49
			<i>For 3 Hour Rated, Add</i>	32.97	
			<i>For Dynamic Damper, Add</i>	37.09	
23 33 13 19-0226	EA		28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	236.87	22.75
			<i>For 3 Hour Rated, Add</i>	33.71	
			<i>For Dynamic Damper, Add</i>	37.92	
23 33 13 19-0227	EA		28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	247.67	23.91
			<i>For 3 Hour Rated, Add</i>	35.18	
			<i>For Dynamic Damper, Add</i>	39.58	
23 33 13 19-0228	EA		28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	260.65	26.17
			<i>For 3 Hour Rated, Add</i>	36.41	
			<i>For Dynamic Damper, Add</i>	40.97	
23 33 13 19-0229	EA		32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	193.56	13.67
			<i>For 3 Hour Rated, Add</i>	30.51	
			<i>For Dynamic Damper, Add</i>	34.33	
23 33 13 19-0230	EA		32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	198.19	14.76
			<i>For 3 Hour Rated, Add</i>	30.75	
			<i>For Dynamic Damper, Add</i>	34.60	
23 33 13 19-0231	EA		32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	202.84	15.92
			<i>For 3 Hour Rated, Add</i>	31.00	
			<i>For Dynamic Damper, Add</i>	34.88	
23 33 13 19-0232	EA		32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	208.71	17.09
			<i>For 3 Hour Rated, Add</i>	31.49	
			<i>For Dynamic Damper, Add</i>	35.43	
23 33 13 19-0233	EA		32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	216.05	18.18
			<i>For 3 Hour Rated, Add</i>	32.28	
			<i>For Dynamic Damper, Add</i>	36.31	
23 33 13 19-0234	EA		32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	226.33	20.49
			<i>For 3 Hour Rated, Add</i>	32.97	
			<i>For Dynamic Damper, Add</i>	37.09	
23 33 13 19-0235	EA		32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	238.10	22.75
			<i>For 3 Hour Rated, Add</i>	33.95	
			<i>For Dynamic Damper, Add</i>	38.20	
23 33 13 19-0236	EA		32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	249.86	25.01
			<i>For 3 Hour Rated, Add</i>	34.94	
			<i>For Dynamic Damper, Add</i>	39.31	
23 33 13 19-0237	EA		32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	260.65	26.17
			<i>For 3 Hour Rated, Add</i>	36.41	
			<i>For Dynamic Damper, Add</i>	40.97	
23 33 13 19-0238	EA		32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	274.73	28.01
			<i>For 3 Hour Rated, Add</i>	38.14	
			<i>For Dynamic Damper, Add</i>	42.91	
23 33 13 19-0239	EA		32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	289.35	29.59
			<i>For 3 Hour Rated, Add</i>	40.10	
			<i>For Dynamic Damper, Add</i>	45.12	
23 33 13 19-0240	EA		36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	202.77	14.76
			<i>For 3 Hour Rated, Add</i>	31.67	
			<i>For Dynamic Damper, Add</i>	35.63	
23 33 13 19-0241	EA		36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	208.75	15.92
			<i>For 3 Hour Rated, Add</i>	32.18	
			<i>For Dynamic Damper, Add</i>	36.21	
23 33 13 19-0242	EA		36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	214.74	17.09
			<i>For 3 Hour Rated, Add</i>	32.70	
			<i>For Dynamic Damper, Add</i>	36.79	
23 33 13 19-0243	EA		36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	222.02	18.18
			<i>For 3 Hour Rated, Add</i>	33.47	
			<i>For Dynamic Damper, Add</i>	37.66	
23 33 13 19-0244	EA		36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	230.80	20.49
			<i>For 3 Hour Rated, Add</i>	33.86	
			<i>For Dynamic Damper, Add</i>	38.09	
23 33 13 19-0245	EA		36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	236.15	21.59
			<i>For 3 Hour Rated, Add</i>	34.25	
			<i>For Dynamic Damper, Add</i>	38.53	
23 33 13 19-0246	EA		36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	252.84	25.01
			<i>For 3 Hour Rated, Add</i>	35.54	
			<i>For Dynamic Damper, Add</i>	39.98	
23 33 13 19-0247	EA		36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	266.11	27.33
			<i>For 3 Hour Rated, Add</i>	36.82	
			<i>For Dynamic Damper, Add</i>	41.42	
23 33 13 19-0248	EA		36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	276.58	28.22
			<i>For 3 Hour Rated, Add</i>	38.37	
			<i>For Dynamic Damper, Add</i>	43.17	
23 33 13 19-0249	EA		36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	293.03	30.27
			<i>For 3 Hour Rated, Add</i>	40.43	
			<i>For Dynamic Damper, Add</i>	45.48	
23 33 13 19-0250	EA		36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	306.83	31.85
			<i>For 3 Hour Rated, Add</i>	42.23	
			<i>For Dynamic Damper, Add</i>	47.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0251 EA 36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	320.56 44.30 49.83	33.00
23 33 13 19-0252 EA 40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	234.33 37.30 41.96	17.09
23 33 13 19-0253 EA 40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	242.90 38.33 43.12	18.18
23 33 13 19-0254 EA 40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	247.60 38.59 43.41	19.34
23 33 13 19-0255 EA 40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	252.31 38.85 43.70	20.49
23 33 13 19-0256 EA 40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	263.66 39.75 44.72	21.59
23 33 13 19-0257 EA 40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	271.59 40.65 45.73	22.75
23 33 13 19-0258 EA 40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	286.99 41.68 46.89	26.17
23 33 13 19-0259 EA 40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	298.99 42.71 48.05	28.43
23 33 13 19-0260 EA 40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	312.18 44.26 49.79	30.27
23 33 13 19-0261 EA 40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	331.13 47.09 52.98	31.85
23 33 13 19-0262 EA 40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	344.32 48.64 54.72	33.69
23 33 13 19-0263 EA 40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	361.23 51.47 57.91	34.58
23 33 13 19-0264 EA 40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	379.59 54.05 60.81	36.42
23 33 13 19-0265 EA 44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	240.33 37.82 42.54	17.09
23 33 13 19-0266 EA 44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	248.89 38.85 43.70	18.18
23 33 13 19-0267 EA 44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	256.19 39.62 44.57	19.34
23 33 13 19-0268 EA 44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	260.89 39.88 44.87	20.49
23 33 13 19-0269 EA 44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	269.46 40.91 46.02	21.59
23 33 13 19-0270 EA 44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	278.03 41.94 47.18	22.75
23 33 13 19-0271 EA 44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	298.15 43.23 48.63	27.33
23 33 13 19-0272 EA 44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	311.41 44.52 50.08	29.59
23 33 13 19-0273 EA 44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	331.13 47.09 52.98	31.85
23 33 13 19-0274 EA 44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	349.56 49.41 55.59	34.16
23 33 13 19-0275 EA 44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	369.27 51.99 58.49	36.42
23 33 13 19-0276 EA 44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	384.28 54.31 61.10	37.51
23 33 13 19-0277 EA 44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	399.30 56.63 63.71	38.67
23 33 13 19-0278 EA 44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	414.32 58.95 66.32	39.84

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0279	EA		48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	247.60	18.18
			<i>For 3 Hour Rated, Add</i>	38.59	
			<i>For Dynamic Damper, Add</i>	43.41	
23 33 13 19-0280	EA		48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	256.19	19.34
			<i>For 3 Hour Rated, Add</i>	39.62	
			<i>For Dynamic Damper, Add</i>	44.57	
23 33 13 19-0281	EA		48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	260.89	20.49
			<i>For 3 Hour Rated, Add</i>	39.88	
			<i>For Dynamic Damper, Add</i>	44.87	
23 33 13 19-0282	EA		48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	271.59	22.75
			<i>For 3 Hour Rated, Add</i>	40.65	
			<i>For Dynamic Damper, Add</i>	45.73	
23 33 13 19-0283	EA		48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	283.57	25.01
			<i>For 3 Hour Rated, Add</i>	41.68	
			<i>For Dynamic Damper, Add</i>	46.89	
23 33 13 19-0284	EA		48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	295.57	27.33
			<i>For 3 Hour Rated, Add</i>	42.71	
			<i>For Dynamic Damper, Add</i>	48.05	
23 33 13 19-0285	EA		48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	310.13	29.59
			<i>For 3 Hour Rated, Add</i>	44.26	
			<i>For Dynamic Damper, Add</i>	49.79	
23 33 13 19-0286	EA		48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	324.68	31.85
			<i>For 3 Hour Rated, Add</i>	45.80	
			<i>For Dynamic Damper, Add</i>	51.53	
23 33 13 19-0287	EA		48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	343.11	34.16
			<i>For 3 Hour Rated, Add</i>	48.12	
			<i>For Dynamic Damper, Add</i>	54.14	
23 33 13 19-0288	EA		48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	364.12	36.42
			<i>For 3 Hour Rated, Add</i>	50.96	
			<i>For Dynamic Damper, Add</i>	57.33	
23 33 13 19-0289	EA		48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	379.14	37.51
			<i>For 3 Hour Rated, Add</i>	53.28	
			<i>For Dynamic Damper, Add</i>	59.94	
23 33 13 19-0290	EA		48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	398.01	38.67
			<i>For 3 Hour Rated, Add</i>	56.37	
			<i>For Dynamic Damper, Add</i>	63.42	
23 33 13 19-0291	EA		48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	416.45	40.93
			<i>For 3 Hour Rated, Add</i>	58.69	
			<i>For Dynamic Damper, Add</i>	66.03	
23 33 13 19-0292	EA		48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	435.32	42.09
			<i>For 3 Hour Rated, Add</i>	61.78	
			<i>For Dynamic Damper, Add</i>	69.50	
23 33 13 19-0293	EA		48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	455.88	45.51
			<i>For 3 Hour Rated, Add</i>	63.84	
			<i>For Dynamic Damper, Add</i>	71.82	
23 33 13 19-0294	EA		52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	254.90	19.34
			<i>For 3 Hour Rated, Add</i>	39.36	
			<i>For Dynamic Damper, Add</i>	44.28	
23 33 13 19-0295	EA		52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	263.46	20.49
			<i>For 3 Hour Rated, Add</i>	40.39	
			<i>For Dynamic Damper, Add</i>	45.44	
23 33 13 19-0296	EA		52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	275.45	22.75
			<i>For 3 Hour Rated, Add</i>	41.42	
			<i>For Dynamic Damper, Add</i>	46.60	
23 33 13 19-0297	EA		52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	283.57	25.01
			<i>For 3 Hour Rated, Add</i>	41.68	
			<i>For Dynamic Damper, Add</i>	46.89	
23 33 13 19-0298	EA		52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	296.22	27.33
			<i>For 3 Hour Rated, Add</i>	42.84	
			<i>For Dynamic Damper, Add</i>	48.20	
23 33 13 19-0299	EA		52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	308.84	29.59
			<i>For 3 Hour Rated, Add</i>	44.00	
			<i>For Dynamic Damper, Add</i>	49.50	
23 33 13 19-0300	EA		52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	323.40	31.85
			<i>For 3 Hour Rated, Add</i>	45.55	
			<i>For Dynamic Damper, Add</i>	51.24	
23 33 13 19-0301	EA		52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	337.96	34.16
			<i>For 3 Hour Rated, Add</i>	47.09	
			<i>For Dynamic Damper, Add</i>	52.98	
23 33 13 19-0302	EA		52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	356.40	36.42
			<i>For 3 Hour Rated, Add</i>	49.41	
			<i>For Dynamic Damper, Add</i>	55.59	
23 33 13 19-0303	EA		52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	378.68	38.67
			<i>For 3 Hour Rated, Add</i>	52.50	
			<i>For Dynamic Damper, Add</i>	59.07	
23 33 13 19-0304	EA		52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	394.98	39.84
			<i>For 3 Hour Rated, Add</i>	55.08	
			<i>For Dynamic Damper, Add</i>	61.97	
23 33 13 19-0305	EA		52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	415.16	40.93
			<i>For 3 Hour Rated, Add</i>	58.43	
			<i>For Dynamic Damper, Add</i>	65.74	
23 33 13 19-0306	EA		52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	437.43	43.26
			<i>For 3 Hour Rated, Add</i>	61.52	
			<i>For Dynamic Damper, Add</i>	69.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0307 EA 52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	455.88 63.84 71.82	45.51
23 33 13 19-0308 EA 52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	481.59 66.94 75.30	48.92
23 33 13 19-0309 EA 52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	501.31 69.51 78.20	51.18
23 33 13 19-0310 EA 56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	260.89 39.88 44.87	20.49
23 33 13 19-0311 EA 56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	274.16 41.17 46.31	22.75
23 33 13 19-0312 EA 56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	284.86 41.94 47.18	25.01
23 33 13 19-0313 EA 56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	292.98 42.20 47.47	27.33
23 33 13 19-0314 EA 56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	306.91 43.62 49.07	29.59
23 33 13 19-0315 EA 56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	320.82 45.03 50.66	31.85
23 33 13 19-0316 EA 56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	334.74 46.45 52.26	34.16
23 33 13 19-0317 EA 56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	348.66 47.87 53.85	36.42
23 33 13 19-0318 EA 56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	370.95 50.96 57.33	38.67
23 33 13 19-0319 EA 56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	389.84 54.05 60.81	39.84
23 33 13 19-0320 EA 56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	407.43 56.89 64.00	40.93
23 33 13 19-0321 EA 56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	432.29 60.49 68.06	43.26
23 33 13 19-0322 EA 56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	454.59 63.59 71.53	45.51
23 33 13 19-0323 EA 56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	478.17 66.94 75.30	47.76
23 33 13 19-0324 EA 56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	497.90 69.51 78.20	50.08
23 33 13 19-0325 EA 56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	521.48 72.86 81.97	52.34
23 33 13 19-0326 EA 56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	545.06 76.21 85.74	54.60
23 33 13 19-0327 EA 60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	271.59 40.65 45.73	22.75
23 33 13 19-0328 EA 60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	284.86 41.94 47.18	25.01
23 33 13 19-0329 EA 60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	294.27 42.45 47.76	27.33
23 33 13 19-0330 EA 60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	302.40 42.71 48.05	29.59
23 33 13 19-0331 EA 60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	316.96 44.26 49.79	31.85
23 33 13 19-0332 EA 60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	331.51 45.80 51.53	34.16
23 33 13 19-0333 EA 60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	346.73 47.48 53.42	36.42
23 33 13 19-0334 EA 60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	361.93 49.15 55.30	38.67

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0335	EA		60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	382.10	39.84
			<i>For 3 Hour Rated, Add</i>	52.50	
			<i>For Dynamic Damper, Add</i>	59.07	
23 33 13 19-0336	EA		60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	400.98	40.93
			<i>For 3 Hour Rated, Add</i>	55.60	
			<i>For Dynamic Damper, Add</i>	62.55	
23 33 13 19-0337	EA		60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	424.56	43.26
			<i>For 3 Hour Rated, Add</i>	58.95	
			<i>For Dynamic Damper, Add</i>	66.32	
23 33 13 19-0338	EA		60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	448.15	45.51
			<i>For 3 Hour Rated, Add</i>	62.30	
			<i>For Dynamic Damper, Add</i>	70.09	
23 33 13 19-0339	EA		60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	467.86	47.76
			<i>For 3 Hour Rated, Add</i>	64.87	
			<i>For Dynamic Damper, Add</i>	72.98	
23 33 13 19-0340	EA		60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	495.31	50.08
			<i>For 3 Hour Rated, Add</i>	69.00	
			<i>For Dynamic Damper, Add</i>	77.62	
23 33 13 19-0341	EA		60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	520.18	52.34
			<i>For 3 Hour Rated, Add</i>	72.60	
			<i>For Dynamic Damper, Add</i>	81.68	
23 33 13 19-0342	EA		60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	545.06	54.60
			<i>For 3 Hour Rated, Add</i>	76.21	
			<i>For Dynamic Damper, Add</i>	85.74	
23 33 13 19-0343	EA		60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	567.33	56.92
			<i>For 3 Hour Rated, Add</i>	79.30	
			<i>For Dynamic Damper, Add</i>	89.21	
23 33 13 19-0344	EA		60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	589.65	59.17
			<i>For 3 Hour Rated, Add</i>	82.40	
			<i>For Dynamic Damper, Add</i>	92.70	

**23 33 13 23 Backdraft Dampers (23 33 13)**

23 33 13 23-0001	Horizontally Mounted Backdraft Damper (23 33 13 23)			
	Note: Galvanized steel frame, aluminum blades. Exclude motor pack.			
23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper .....	45.20	7.58
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper .....	53.70	7.92
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper .....	63.81	7.99
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper .....	61.32	7.99
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper .....	59.04	8.20
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper .....	70.38	9.08
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper .....	55.60	8.20
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper .....	68.66	9.08
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper .....	66.32	9.57
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper .....	75.90	10.25
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper .....	62.13	8.68
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper .....	63.81	9.57
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper .....	74.65	10.25
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper .....	67.93	11.41
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper .....	76.98	12.50
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper .....	68.66	9.08
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper .....	70.88	10.25
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper .....	66.32	11.41
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper .....	72.75	11.41
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper .....	82.60	12.50
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper .....	92.45	13.67
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper .....	62.56	9.57
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper .....	59.69	10.25
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper .....	70.33	11.41
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper .....	80.99	12.50
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper .....	91.64	13.67
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper .....	104.15	14.76
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper .....	118.45	17.09
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper .....	99.95	18.18
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper .....	115.83	20.49
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper .....	68.37	10.25
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper .....	66.32	11.41
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper .....	77.77	12.50
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper .....	89.24	13.67
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper .....	102.50	14.76
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper .....	114.20	15.92
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper .....	99.95	18.18
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper .....	104.98	18.18
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper .....	121.87	20.49
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper .....	138.76	22.75
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper .....	132.66	25.01
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper .....	146.68	27.33
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper .....	63.10	11.41
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper .....	76.17	12.50
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper .....	89.24	13.67
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper .....	104.15	14.76
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper .....	93.51	17.09





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0049 EA 24" x 16" Horizontally Mounted Backdraft Damper.....	102.96	18.18
23 33 13 23-0050 EA 24" x 18" Horizontally Mounted Backdraft Damper.....	115.83	20.49
23 33 13 23-0051 EA 24" x 20" Horizontally Mounted Backdraft Damper.....	121.87	20.49
23 33 13 23-0052 EA 24" x 24" Horizontally Mounted Backdraft Damper.....	140.78	22.75
23 33 13 23-0053 EA 24" x 28" Horizontally Mounted Backdraft Damper.....	135.52	25.01
23 33 13 23-0054 EA 24" x 32" Horizontally Mounted Backdraft Damper.....	151.00	27.33
23 33 13 23-0055 EA 24" x 36" Horizontally Mounted Backdraft Damper.....	166.45	29.59
23 33 13 23-0056 EA 24" x 40" Horizontally Mounted Backdraft Damper.....	164.66	31.85
23 33 13 23-0057 EA 24" x 44" Horizontally Mounted Backdraft Damper.....	178.38	34.16
23 33 13 23-0058 EA 24" x 48" Horizontally Mounted Backdraft Damper.....	185.28	34.16
23 33 13 23-0059 EA 28" x 6" Horizontally Mounted Backdraft Damper.....	67.93	11.41
23 33 13 23-0060 EA 28" x 8" Horizontally Mounted Backdraft Damper.....	82.60	12.50
23 33 13 23-0061 EA 28" x 10" Horizontally Mounted Backdraft Damper.....	102.50	14.76
23 33 13 23-0062 EA 28" x 12" Horizontally Mounted Backdraft Damper.....	93.51	17.09
23 33 13 23-0063 EA 28" x 14" Horizontally Mounted Backdraft Damper.....	103.97	18.18
23 33 13 23-0064 EA 28" x 16" Horizontally Mounted Backdraft Damper.....	117.84	20.49
23 33 13 23-0065 EA 28" x 18" Horizontally Mounted Backdraft Damper.....	131.73	22.75
23 33 13 23-0066 EA 28" x 20" Horizontally Mounted Backdraft Damper.....	138.76	22.75
23 33 13 23-0067 EA 28" x 24" Horizontally Mounted Backdraft Damper.....	135.52	25.01
23 33 13 23-0068 EA 28" x 28" Horizontally Mounted Backdraft Damper.....	152.43	27.33
23 33 13 23-0069 EA 28" x 32" Horizontally Mounted Backdraft Damper.....	169.32	29.59
23 33 13 23-0070 EA 28" x 36" Horizontally Mounted Backdraft Damper.....	174.93	34.16
23 33 13 23-0071 EA 28" x 40" Horizontally Mounted Backdraft Damper.....	182.98	34.16
23 33 13 23-0072 EA 28" x 44" Horizontally Mounted Backdraft Damper.....	197.87	36.42
23 33 13 23-0073 EA 28" x 48" Horizontally Mounted Backdraft Damper.....	212.75	38.67
23 33 13 23-0074 EA 28" x 52" Horizontally Mounted Backdraft Damper.....	220.80	38.67
23 33 13 23-0075 EA 28" x 56" Horizontally Mounted Backdraft Damper.....	221.61	40.93
23 33 13 23-0076 EA 28" x 60" Horizontally Mounted Backdraft Damper.....	228.64	40.93
23 33 13 23-0077 EA 32" x 6" Horizontally Mounted Backdraft Damper.....	76.17	12.50
23 33 13 23-0078 EA 32" x 8" Horizontally Mounted Backdraft Damper.....	97.52	14.76
23 33 13 23-0079 EA 32" x 10" Horizontally Mounted Backdraft Damper.....	114.20	15.92
23 33 13 23-0080 EA 32" x 12" Horizontally Mounted Backdraft Damper.....	102.96	18.18
23 33 13 23-0081 EA 32" x 14" Horizontally Mounted Backdraft Damper.....	117.84	20.49
23 33 13 23-0082 EA 32" x 16" Horizontally Mounted Backdraft Damper.....	132.73	22.75
23 33 13 23-0083 EA 32" x 18" Horizontally Mounted Backdraft Damper.....	120.07	22.75
23 33 13 23-0084 EA 32" x 20" Horizontally Mounted Backdraft Damper.....	132.66	25.01
23 33 13 23-0085 EA 32" x 24" Horizontally Mounted Backdraft Damper.....	151.00	27.33
23 33 13 23-0086 EA 32" x 28" Horizontally Mounted Backdraft Damper.....	169.32	29.59
23 33 13 23-0087 EA 32" x 32" Horizontally Mounted Backdraft Damper.....	176.08	34.16
23 33 13 23-0088 EA 32" x 36" Horizontally Mounted Backdraft Damper.....	185.28	34.16
23 33 13 23-0089 EA 32" x 40" Horizontally Mounted Backdraft Damper.....	201.32	36.42
23 33 13 23-0090 EA 32" x 44" Horizontally Mounted Backdraft Damper.....	217.35	38.67
23 33 13 23-0091 EA 32" x 48" Horizontally Mounted Backdraft Damper.....	219.59	40.93
23 33 13 23-0092 EA 32" x 52" Horizontally Mounted Backdraft Damper.....	227.64	40.93
23 33 13 23-0093 EA 32" x 56" Horizontally Mounted Backdraft Damper.....	242.51	43.26
23 33 13 23-0094 EA 32" x 60" Horizontally Mounted Backdraft Damper.....	250.56	43.26
23 33 13 23-0095 EA 32" x 64" Horizontally Mounted Backdraft Damper.....	247.05	45.51
23 33 13 23-0096 EA 32" x 68" Horizontally Mounted Backdraft Damper.....	253.94	45.51
23 33 13 23-0097 EA 32" x 72" Horizontally Mounted Backdraft Damper.....	267.67	47.76
23 33 13 23-0098 EA 36" x 6" Horizontally Mounted Backdraft Damper.....	80.99	12.50
23 33 13 23-0099 EA 36" x 8" Horizontally Mounted Backdraft Damper.....	107.56	15.92
23 33 13 23-0100 EA 36" x 10" Horizontally Mounted Backdraft Damper.....	99.95	18.18
23 33 13 23-0101 EA 36" x 12" Horizontally Mounted Backdraft Damper.....	115.83	20.49
23 33 13 23-0102 EA 36" x 14" Horizontally Mounted Backdraft Damper.....	131.73	22.75
23 33 13 23-0103 EA 36" x 16" Horizontally Mounted Backdraft Damper.....	120.07	22.75
23 33 13 23-0104 EA 36" x 18" Horizontally Mounted Backdraft Damper.....	133.37	25.01
23 33 13 23-0105 EA 36" x 20" Horizontally Mounted Backdraft Damper.....	146.68	27.33
23 33 13 23-0106 EA 36" x 24" Horizontally Mounted Backdraft Damper.....	166.45	29.59
23 33 13 23-0107 EA 36" x 28" Horizontally Mounted Backdraft Damper.....	174.93	34.16
23 33 13 23-0108 EA 36" x 32" Horizontally Mounted Backdraft Damper.....	185.28	34.16
23 33 13 23-0109 EA 36" x 36" Horizontally Mounted Backdraft Damper.....	202.47	36.42
23 33 13 23-0110 EA 36" x 40" Horizontally Mounted Backdraft Damper.....	219.65	38.67
23 33 13 23-0111 EA 36" x 44" Horizontally Mounted Backdraft Damper.....	222.60	40.93
23 33 13 23-0112 EA 36" x 48" Horizontally Mounted Backdraft Damper.....	238.48	43.26
23 33 13 23-0113 EA 36" x 52" Horizontally Mounted Backdraft Damper.....	247.54	43.26
23 33 13 23-0114 EA 36" x 56" Horizontally Mounted Backdraft Damper.....	245.32	45.51
23 33 13 23-0115 EA 36" x 60" Horizontally Mounted Backdraft Damper.....	253.08	45.51
23 33 13 23-0116 EA 36" x 64" Horizontally Mounted Backdraft Damper.....	267.67	47.76
23 33 13 23-0117 EA 36" x 68" Horizontally Mounted Backdraft Damper.....	275.43	47.76
23 33 13 23-0118 EA 36" x 72" Horizontally Mounted Backdraft Damper.....	283.20	47.76
23 33 13 23-0119 EA 40" x 6" Horizontally Mounted Backdraft Damper.....	89.24	13.67
23 33 13 23-0120 EA 40" x 8" Horizontally Mounted Backdraft Damper.....	117.62	17.09
23 33 13 23-0121 EA 40" x 10" Horizontally Mounted Backdraft Damper.....	104.98	18.18
23 33 13 23-0122 EA 40" x 12" Horizontally Mounted Backdraft Damper.....	121.87	20.49
23 33 13 23-0123 EA 40" x 14" Horizontally Mounted Backdraft Damper.....	138.76	22.75
23 33 13 23-0124 EA 40" x 16" Horizontally Mounted Backdraft Damper.....	132.66	25.01
23 33 13 23-0125 EA 40" x 18" Horizontally Mounted Backdraft Damper.....	146.68	27.33
23 33 13 23-0126 EA 40" x 20" Horizontally Mounted Backdraft Damper.....	160.69	29.59
23 33 13 23-0127 EA 40" x 24" Horizontally Mounted Backdraft Damper.....	164.66	31.85
23 33 13 23-0128 EA 40" x 28" Horizontally Mounted Backdraft Damper.....	182.98	34.16
23 33 13 23-0129 EA 40" x 32" Horizontally Mounted Backdraft Damper.....	201.32	36.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0130 EA 40" x 36" Horizontally Mounted Backdraft Damper .....	219.65	38.67
23 33 13 23-0131 EA 40" x 40" Horizontally Mounted Backdraft Damper .....	223.61	40.93
23 33 13 23-0132 EA 40" x 44" Horizontally Mounted Backdraft Damper .....	240.49	43.26
23 33 13 23-0133 EA 40" x 48" Horizontally Mounted Backdraft Damper .....	250.56	43.26
23 33 13 23-0134 EA 40" x 50" Horizontally Mounted Backdraft Damper .....	244.46	45.51
23 33 13 23-0135 EA 44" x 6" Horizontally Mounted Backdraft Damper .....	99.18	14.76
23 33 13 23-0136 EA 44" x 8" Horizontally Mounted Backdraft Damper .....	98.94	18.18
23 33 13 23-0137 EA 44" x 10" Horizontally Mounted Backdraft Damper .....	116.84	20.49
23 33 13 23-0138 EA 44" x 12" Horizontally Mounted Backdraft Damper .....	134.74	22.75
23 33 13 23-0139 EA 44" x 14" Horizontally Mounted Backdraft Damper .....	130.50	25.01
23 33 13 23-0140 EA 44" x 16" Horizontally Mounted Backdraft Damper .....	145.24	27.33
23 33 13 23-0141 EA 44" x 18" Horizontally Mounted Backdraft Damper .....	153.15	27.33
23 33 13 23-0142 EA 44" x 20" Horizontally Mounted Backdraft Damper .....	167.88	29.59
23 33 13 23-0143 EA 44" x 24" Horizontally Mounted Backdraft Damper .....	178.38	34.16
23 33 13 23-0144 EA 44" x 28" Horizontally Mounted Backdraft Damper .....	197.87	36.42
23 33 13 23-0145 EA 44" x 32" Horizontally Mounted Backdraft Damper .....	217.35	38.67
23 33 13 23-0146 EA 44" x 36" Horizontally Mounted Backdraft Damper .....	222.60	40.93
23 33 13 23-0147 EA 44" x 40" Horizontally Mounted Backdraft Damper .....	240.49	43.26
23 33 13 23-0148 EA 44" x 44" Horizontally Mounted Backdraft Damper .....	251.56	43.26
23 33 13 23-0149 EA 44" x 48" Horizontally Mounted Backdraft Damper .....	250.50	45.51
23 33 13 23-0150 EA 44" x 50" Horizontally Mounted Backdraft Damper .....	255.24	45.51
23 33 13 23-0151 EA 48" x 6" Horizontally Mounted Backdraft Damper .....	107.56	15.92
23 33 13 23-0152 EA 48" x 8" Horizontally Mounted Backdraft Damper .....	102.96	18.18
23 33 13 23-0153 EA 48" x 10" Horizontally Mounted Backdraft Damper .....	121.87	20.49
23 33 13 23-0154 EA 48" x 12" Horizontally Mounted Backdraft Damper .....	120.07	22.75
23 33 13 23-0155 EA 48" x 14" Horizontally Mounted Backdraft Damper .....	135.52	25.01
23 33 13 23-0156 EA 48" x 16" Horizontally Mounted Backdraft Damper .....	151.00	27.33
23 33 13 23-0157 EA 48" x 18" Horizontally Mounted Backdraft Damper .....	166.45	29.59
23 33 13 23-0158 EA 48" x 20" Horizontally Mounted Backdraft Damper .....	164.66	31.85
23 33 13 23-0159 EA 48" x 24" Horizontally Mounted Backdraft Damper .....	185.28	34.16
23 33 13 23-0160 EA 48" x 28" Horizontally Mounted Backdraft Damper .....	212.75	38.67
23 33 13 23-0161 EA 48" x 32" Horizontally Mounted Backdraft Damper .....	219.59	40.93
23 33 13 23-0162 EA 48" x 36" Horizontally Mounted Backdraft Damper .....	238.48	43.26
23 33 13 23-0163 EA 48" x 40" Horizontally Mounted Backdraft Damper .....	250.56	43.26
23 33 13 23-0164 EA 48" x 44" Horizontally Mounted Backdraft Damper .....	250.50	45.51
23 33 13 23-0165 EA 48" x 48" Horizontally Mounted Backdraft Damper .....	267.67	47.76
23 33 13 23-0166 EA 48" x 50" Horizontally Mounted Backdraft Damper .....	272.85	47.76
23 33 13 23-0167 EA 50" x 6" Horizontally Mounted Backdraft Damper .....	110.05	15.92
23 33 13 23-0168 EA 50" x 8" Horizontally Mounted Backdraft Damper .....	111.81	20.49
23 33 13 23-0169 EA 50" x 10" Horizontally Mounted Backdraft Damper .....	131.23	22.75
23 33 13 23-0170 EA 50" x 12" Horizontally Mounted Backdraft Damper .....	129.06	25.01
23 33 13 23-0171 EA 50" x 14" Horizontally Mounted Backdraft Damper .....	144.88	27.33
23 33 13 23-0172 EA 50" x 16" Horizontally Mounted Backdraft Damper .....	160.69	29.59
23 33 13 23-0173 EA 50" x 18" Horizontally Mounted Backdraft Damper .....	176.51	31.85
23 33 13 23-0174 EA 50" x 20" Horizontally Mounted Backdraft Damper .....	174.35	34.16
23 33 13 23-0175 EA 50" x 24" Horizontally Mounted Backdraft Damper .....	195.57	36.42
23 33 13 23-0176 EA 50" x 28" Horizontally Mounted Backdraft Damper .....	216.77	38.67
23 33 13 23-0177 EA 50" x 32" Horizontally Mounted Backdraft Damper .....	223.61	40.93
23 33 13 23-0178 EA 50" x 36" Horizontally Mounted Backdraft Damper .....	243.01	43.26
23 33 13 23-0179 EA 50" x 40" Horizontally Mounted Backdraft Damper .....	244.46	45.51
23 33 13 23-0180 EA 50" x 44" Horizontally Mounted Backdraft Damper .....	255.24	45.51
23 33 13 23-0181 EA 50" x 48" Horizontally Mounted Backdraft Damper .....	272.85	47.76
23 33 13 23-0182 EA 50" x 50" Horizontally Mounted Backdraft Damper .....	278.24	47.76

## 23 33 13 23-0183

Vertically Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184 EA 6" x 6" Vertically Mounted Backdraft Damper .....	48.60	7.58
23 33 13 23-0185 EA 8" x 6" Vertically Mounted Backdraft Damper .....	58.25	7.92
23 33 13 23-0186 EA 10" x 6" Vertically Mounted Backdraft Damper .....	59.82	7.99
23 33 13 23-0187 EA 8" x 8" Vertically Mounted Backdraft Damper .....	62.21	7.99
23 33 13 23-0188 EA 12" x 6" Vertically Mounted Backdraft Damper .....	67.69	8.20
23 33 13 23-0189 EA 10" x 8" Vertically Mounted Backdraft Damper .....	75.21	9.08
23 33 13 23-0190 EA 14" x 6" Vertically Mounted Backdraft Damper .....	74.87	8.20
23 33 13 23-0191 EA 12" x 8" Vertically Mounted Backdraft Damper .....	84.79	9.08
23 33 13 23-0192 EA 16" x 6" Vertically Mounted Backdraft Damper .....	86.16	9.57
23 33 13 23-0193 EA 10" x 10" Vertically Mounted Backdraft Damper .....	90.60	10.25
23 33 13 23-0194 EA 18" x 6" Vertically Mounted Backdraft Damper .....	73.22	8.68
23 33 13 23-0195 EA 14" x 8" Vertically Mounted Backdraft Damper .....	77.70	9.57
23 33 13 23-0196 EA 12" x 10" Vertically Mounted Backdraft Damper .....	83.25	10.25
23 33 13 23-0197 EA 20" x 6" Vertically Mounted Backdraft Damper .....	86.66	11.41
23 33 13 23-0198 EA 16" x 8" Vertically Mounted Backdraft Damper .....	93.58	12.50
23 33 13 23-0199 EA 14" x 10" Vertically Mounted Backdraft Damper .....	88.58	9.08
23 33 13 23-0200 EA 12" x 12" Vertically Mounted Backdraft Damper .....	93.75	10.25
23 33 13 23-0201 EA 18" x 8" Vertically Mounted Backdraft Damper .....	84.31	11.41
23 33 13 23-0202 EA 24" x 6" Vertically Mounted Backdraft Damper .....	84.31	11.41
23 33 13 23-0203 EA 16" x 10" Vertically Mounted Backdraft Damper .....	93.29	12.50
23 33 13 23-0204 EA 20" x 8" Vertically Mounted Backdraft Damper .....	96.71	13.67
23 33 13 23-0205 EA 14" x 12" Vertically Mounted Backdraft Damper .....	87.20	9.57
23 33 13 23-0206 EA 28" x 6" Vertically Mounted Backdraft Damper .....	89.25	10.25
23 33 13 23-0207 EA 18" x 10" Vertically Mounted Backdraft Damper .....	96.83	11.41



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0208 EA 16" x 12" Vertically Mounted Backdraft Damper .....	104.43	12.50
23 33 13 23-0209 EA 24" x 8" Vertically Mounted Backdraft Damper .....	107.85	13.67
23 33 13 23-0210 EA 32" x 6" Vertically Mounted Backdraft Damper .....	111.27	14.76
23 33 13 23-0211 EA 14" x 14" Vertically Mounted Backdraft Damper .....	119.50	17.09
23 33 13 23-0212 EA 20" x 10" Vertically Mounted Backdraft Damper .....	119.47	18.18
23 33 13 23-0213 EA 18" x 12" Vertically Mounted Backdraft Damper .....	131.48	20.49
23 33 13 23-0214 EA 36" x 6" Vertically Mounted Backdraft Damper .....	100.74	10.25
23 33 13 23-0215 EA 16" x 14" Vertically Mounted Backdraft Damper .....	106.75	11.41
23 33 13 23-0216 EA 28" x 8" Vertically Mounted Backdraft Damper .....	110.17	12.50
23 33 13 23-0217 EA 20" x 12" Vertically Mounted Backdraft Damper .....	118.76	13.67
23 33 13 23-0218 EA 24" x 10" Vertically Mounted Backdraft Damper .....	122.18	14.76
23 33 13 23-0219 EA 40" x 6" Vertically Mounted Backdraft Damper .....	125.59	15.92
23 33 13 23-0220 EA 18" x 14" Vertically Mounted Backdraft Damper .....	136.32	18.18
23 33 13 23-0221 EA 16" x 16" Vertically Mounted Backdraft Damper .....	137.61	18.18
23 33 13 23-0222 EA 32" x 8" Vertically Mounted Backdraft Damper .....	144.44	20.49
23 33 13 23-0223 EA 44" x 6" Vertically Mounted Backdraft Damper .....	153.87	22.75
23 33 13 23-0224 EA 20" x 14" Vertically Mounted Backdraft Damper .....	165.89	25.01
23 33 13 23-0225 EA 28" x 10" Vertically Mounted Backdraft Damper .....	172.73	27.33
23 33 13 23-0226 EA 18" x 16" Vertically Mounted Backdraft Damper .....	127.48	11.41
23 33 13 23-0227 EA 24" x 12" Vertically Mounted Backdraft Damper .....	130.90	12.50
23 33 13 23-0228 EA 36" x 8" Vertically Mounted Backdraft Damper .....	134.32	13.67
23 33 13 23-0229 EA 48" x 6" Vertically Mounted Backdraft Damper .....	137.74	14.76
23 33 13 23-0230 EA 50" x 6" Vertically Mounted Backdraft Damper .....	148.46	17.09
23 33 13 23-0231 EA 20" x 16" Vertically Mounted Backdraft Damper .....	158.35	18.18
23 33 13 23-0232 EA 32" x 10" Vertically Mounted Backdraft Damper .....	165.18	20.49
23 33 13 23-0233 EA 40" x 8" Vertically Mounted Backdraft Damper .....	165.18	20.49
23 33 13 23-0234 EA 18" x 18" Vertically Mounted Backdraft Damper .....	151.28	22.75
23 33 13 23-0235 EA 24" x 14" Vertically Mounted Backdraft Damper .....	146.59	25.01
23 33 13 23-0236 EA 28" x 12" Vertically Mounted Backdraft Damper .....	153.43	27.33
23 33 13 23-0237 EA 44" x 8" Vertically Mounted Backdraft Damper .....	163.66	29.59
23 33 13 23-0238 EA 18" x 20" Vertically Mounted Backdraft Damper .....	172.19	31.85
23 33 13 23-0239 EA 20" x 18" Vertically Mounted Backdraft Damper .....	179.02	34.16
23 33 13 23-0240 EA 36" x 10" Vertically Mounted Backdraft Damper .....	179.02	34.16
23 33 13 23-0241 EA 24" x 16" Vertically Mounted Backdraft Damper .....	115.80	11.41
23 33 13 23-0242 EA 32" x 12" Vertically Mounted Backdraft Damper .....	119.22	12.50
23 33 13 23-0243 EA 48" x 8" Vertically Mounted Backdraft Damper .....	126.06	14.76
23 33 13 23-0244 EA 28" x 14" Vertically Mounted Backdraft Damper .....	134.59	17.09
23 33 13 23-0245 EA 20" x 20" Vertically Mounted Backdraft Damper .....	139.70	18.18
23 33 13 23-0246 EA 40" x 10" Vertically Mounted Backdraft Damper .....	146.53	20.49
23 33 13 23-0247 EA 50" x 8" Vertically Mounted Backdraft Damper .....	153.37	22.75
23 33 13 23-0248 EA 18" x 24" Vertically Mounted Backdraft Damper .....	160.17	22.75
23 33 13 23-0249 EA 24" x 18" Vertically Mounted Backdraft Damper .....	167.00	25.01
23 33 13 23-0250 EA 36" x 12" Vertically Mounted Backdraft Damper .....	173.84	27.33
23 33 13 23-0251 EA 44" x 10" Vertically Mounted Backdraft Damper .....	182.37	29.59
23 33 13 23-0252 EA 28" x 16" Vertically Mounted Backdraft Damper .....	197.74	34.16
23 33 13 23-0253 EA 32" x 14" Vertically Mounted Backdraft Damper .....	197.74	34.16
23 33 13 23-0254 EA 20" x 24" Vertically Mounted Backdraft Damper .....	212.23	36.42
23 33 13 23-0255 EA 24" x 20" Vertically Mounted Backdraft Damper .....	203.39	38.67
23 33 13 23-0256 EA 40" x 12" Vertically Mounted Backdraft Damper .....	203.39	38.67
23 33 13 23-0257 EA 48" x 10" Vertically Mounted Backdraft Damper .....	210.23	40.93
23 33 13 23-0258 EA 50" x 10" Vertically Mounted Backdraft Damper .....	213.87	40.93
23 33 13 23-0259 EA 28" x 18" Vertically Mounted Backdraft Damper .....	129.17	12.50
23 33 13 23-0260 EA 36" x 14" Vertically Mounted Backdraft Damper .....	136.01	14.76
23 33 13 23-0261 EA 32" x 16" Vertically Mounted Backdraft Damper .....	140.88	15.92
23 33 13 23-0262 EA 44" x 12" Vertically Mounted Backdraft Damper .....	150.61	18.18
23 33 13 23-0263 EA 20" x 28" Vertically Mounted Backdraft Damper .....	163.26	20.49
23 33 13 23-0264 EA 28" x 20" Vertically Mounted Backdraft Damper .....	170.10	22.75
23 33 13 23-0265 EA 40" x 14" Vertically Mounted Backdraft Damper .....	170.10	22.75
23 33 13 23-0266 EA 24" x 24" Vertically Mounted Backdraft Damper .....	179.83	25.01
23 33 13 23-0267 EA 32" x 18" Vertically Mounted Backdraft Damper .....	186.67	27.33
23 33 13 23-0268 EA 36" x 16" Vertically Mounted Backdraft Damper .....	193.50	29.59
23 33 13 23-0269 EA 48" x 12" Vertically Mounted Backdraft Damper .....	207.16	34.16
23 33 13 23-0270 EA 50" x 12" Vertically Mounted Backdraft Damper .....	211.53	34.16
23 33 13 23-0271 EA 44" x 14" Vertically Mounted Backdraft Damper .....	221.28	36.42
23 33 13 23-0272 EA 20" x 32" Vertically Mounted Backdraft Damper .....	232.47	38.67
23 33 13 23-0273 EA 32" x 20" Vertically Mounted Backdraft Damper .....	239.31	40.93
23 33 13 23-0274 EA 40" x 16" Vertically Mounted Backdraft Damper .....	239.31	40.93
23 33 13 23-0275 EA 36" x 18" Vertically Mounted Backdraft Damper .....	247.58	43.26
23 33 13 23-0276 EA 24" x 28" Vertically Mounted Backdraft Damper .....	252.67	43.26
23 33 13 23-0277 EA 28" x 24" Vertically Mounted Backdraft Damper .....	248.98	45.51
23 33 13 23-0278 EA 48" x 14" Vertically Mounted Backdraft Damper .....	248.98	45.51
23 33 13 23-0279 EA 50" x 14" Vertically Mounted Backdraft Damper .....	260.49	47.76
23 33 13 23-0280 EA 44" x 16" Vertically Mounted Backdraft Damper .....	155.24	12.50
23 33 13 23-0281 EA 20" x 36" Vertically Mounted Backdraft Damper .....	168.17	15.92
23 33 13 23-0282 EA 36" x 20" Vertically Mounted Backdraft Damper .....	175.00	18.18
23 33 13 23-0283 EA 40" x 18" Vertically Mounted Backdraft Damper .....	181.83	20.49
23 33 13 23-0284 EA 24" x 32" Vertically Mounted Backdraft Damper .....	196.69	22.75
23 33 13 23-0285 EA 32" x 24" Vertically Mounted Backdraft Damper .....	196.69	22.75
23 33 13 23-0286 EA 48" x 16" Vertically Mounted Backdraft Damper .....	203.52	25.01
23 33 13 23-0287 EA 28" x 28" Vertically Mounted Backdraft Damper .....	213.04	27.33
23 33 13 23-0288 EA 44" x 18" Vertically Mounted Backdraft Damper .....	221.20	29.59

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0289 EA 40" x 20" Vertically Mounted Backdraft Damper .....	236.20	34.16
23 33 13 23-0290 EA 50" x 16" Vertically Mounted Backdraft Damper .....	236.20	34.16
23 33 13 23-0291 EA 24" x 36" Vertically Mounted Backdraft Damper .....	253.74	36.42
23 33 13 23-0292 EA 36" x 24" Vertically Mounted Backdraft Damper .....	260.57	38.67
23 33 13 23-0293 EA 48" x 18" Vertically Mounted Backdraft Damper .....	267.41	40.93
23 33 13 23-0294 EA 44" x 20" Vertically Mounted Backdraft Damper .....	276.90	43.26
23 33 13 23-0295 EA 28" x 32" Vertically Mounted Backdraft Damper .....	279.58	43.26
23 33 13 23-0296 EA 32" x 28" Vertically Mounted Backdraft Damper .....	286.42	45.51
23 33 13 23-0297 EA 50" x 18" Vertically Mounted Backdraft Damper .....	287.08	45.51
23 33 13 23-0298 EA 24" x 40" Vertically Mounted Backdraft Damper .....	303.94	47.76
23 33 13 23-0299 EA 40" x 24" Vertically Mounted Backdraft Damper .....	303.94	47.76
23 33 13 23-0300 EA 48" x 20" Vertically Mounted Backdraft Damper .....	303.94	47.76
23 33 13 23-0301 EA 50" x 20" Vertically Mounted Backdraft Damper .....	208.14	13.67
23 33 13 23-0302 EA 28" x 36" Vertically Mounted Backdraft Damper .....	219.72	17.09
23 33 13 23-0303 EA 36" x 28" Vertically Mounted Backdraft Damper .....	223.13	18.18
23 33 13 23-0304 EA 32" x 32" Vertically Mounted Backdraft Damper .....	232.64	20.49
23 33 13 23-0305 EA 24" x 44" Vertically Mounted Backdraft Damper .....	225.75	22.75
23 33 13 23-0306 EA 44" x 24" Vertically Mounted Backdraft Damper .....	232.58	25.01
23 33 13 23-0307 EA 28" x 40" Vertically Mounted Backdraft Damper .....	248.95	27.33
23 33 13 23-0308 EA 40" x 28" Vertically Mounted Backdraft Damper .....	255.78	29.59
23 33 13 23-0309 EA 24" x 48" Vertically Mounted Backdraft Damper .....	267.39	31.85
23 33 13 23-0310 EA 32" x 36" Vertically Mounted Backdraft Damper .....	274.22	34.16
23 33 13 23-0311 EA 36" x 32" Vertically Mounted Backdraft Damper .....	281.06	36.42
23 33 13 23-0312 EA 48" x 24" Vertically Mounted Backdraft Damper .....	287.89	38.67
23 33 13 23-0313 EA 50" x 24" Vertically Mounted Backdraft Damper .....	301.88	40.93
23 33 13 23-0314 EA 28" x 44" Vertically Mounted Backdraft Damper .....	313.46	43.26
23 33 13 23-0315 EA 44" x 28" Vertically Mounted Backdraft Damper .....	313.46	43.26
23 33 13 23-0316 EA 32" x 40" Vertically Mounted Backdraft Damper .....	327.47	45.51
23 33 13 23-0317 EA 40" x 32" Vertically Mounted Backdraft Damper .....	235.23	14.76
23 33 13 23-0318 EA 36" x 36" Vertically Mounted Backdraft Damper .....	247.85	18.18
23 33 13 23-0319 EA 28" x 48" Vertically Mounted Backdraft Damper .....	261.83	20.49
23 33 13 23-0320 EA 48" x 28" Vertically Mounted Backdraft Damper .....	268.67	22.75
23 33 13 23-0321 EA 50" x 28" Vertically Mounted Backdraft Damper .....	283.85	25.01
23 33 13 23-0322 EA 32" x 44" Vertically Mounted Backdraft Damper .....	291.88	27.33
23 33 13 23-0323 EA 44" x 32" Vertically Mounted Backdraft Damper .....	291.88	27.33
23 33 13 23-0324 EA 36" x 40" Vertically Mounted Backdraft Damper .....	304.08	29.59
23 33 13 23-0325 EA 40" x 36" Vertically Mounted Backdraft Damper .....	295.68	34.16
23 33 13 23-0326 EA 28" x 52" Vertically Mounted Backdraft Damper .....	304.66	36.42
23 33 13 23-0327 EA 32" x 48" Vertically Mounted Backdraft Damper .....	322.22	38.67
23 33 13 23-0328 EA 48" x 32" Vertically Mounted Backdraft Damper .....	329.06	40.93
23 33 13 23-0329 EA 28" x 56" Vertically Mounted Backdraft Damper .....	340.18	43.26
23 33 13 23-0330 EA 36" x 44" Vertically Mounted Backdraft Damper .....	342.33	43.26
23 33 13 23-0331 EA 44" x 36" Vertically Mounted Backdraft Damper .....	349.17	45.51
23 33 13 23-0332 EA 40" x 40" Vertically Mounted Backdraft Damper .....	351.31	45.51
23 33 13 23-0333 EA 50" x 32" Vertically Mounted Backdraft Damper .....	262.48	15.92
23 33 13 23-0334 EA 32" x 52" Vertically Mounted Backdraft Damper .....	277.90	18.18
23 33 13 23-0335 EA 28" x 60" Vertically Mounted Backdraft Damper .....	286.87	20.49
23 33 13 23-0336 EA 36" x 48" Vertically Mounted Backdraft Damper .....	300.16	22.75
23 33 13 23-0337 EA 48" x 36" Vertically Mounted Backdraft Damper .....	306.99	25.01
23 33 13 23-0338 EA 40" x 44" Vertically Mounted Backdraft Damper .....	318.12	27.33
23 33 13 23-0339 EA 44" x 40" Vertically Mounted Backdraft Damper .....	324.95	29.59
23 33 13 23-0340 EA 32" x 56" Vertically Mounted Backdraft Damper .....	336.07	31.85
23 33 13 23-0341 EA 50" x 36" Vertically Mounted Backdraft Damper .....	317.14	34.16
23 33 13 23-0342 EA 36" x 52" Vertically Mounted Backdraft Damper .....	339.40	38.67
23 33 13 23-0343 EA 32" x 60" Vertically Mounted Backdraft Damper .....	351.96	40.93
23 33 13 23-0344 EA 40" x 48" Vertically Mounted Backdraft Damper .....	358.78	43.26
23 33 13 23-0345 EA 48" x 40" Vertically Mounted Backdraft Damper .....	358.78	43.26
23 33 13 23-0346 EA 44" x 44" Vertically Mounted Backdraft Damper .....	367.53	45.51
23 33 13 23-0347 EA 40" x 50" Vertically Mounted Backdraft Damper .....	382.00	47.76
23 33 13 23-0348 EA 50" x 40" Vertically Mounted Backdraft Damper .....	382.00	47.76
23 33 13 23-0349 EA 36" x 56" Vertically Mounted Backdraft Damper .....	288.24	15.92
23 33 13 23-0350 EA 32" x 64" Vertically Mounted Backdraft Damper .....	305.72	20.49
23 33 13 23-0351 EA 44" x 48" Vertically Mounted Backdraft Damper .....	320.19	22.75
23 33 13 23-0352 EA 48" x 44" Vertically Mounted Backdraft Damper .....	327.02	25.01
23 33 13 23-0353 EA 36" x 60" Vertically Mounted Backdraft Damper .....	339.59	27.33
23 33 13 23-0354 EA 32" x 68" Vertically Mounted Backdraft Damper .....	348.33	29.59
23 33 13 23-0355 EA 44" x 50" Vertically Mounted Backdraft Damper .....	325.22	31.85
23 33 13 23-0356 EA 50" x 44" Vertically Mounted Backdraft Damper .....	332.05	34.16
23 33 13 23-0357 EA 32" x 72" Vertically Mounted Backdraft Damper .....	349.74	36.42
23 33 13 23-0358 EA 36" x 64" Vertically Mounted Backdraft Damper .....	356.57	38.67
23 33 13 23-0359 EA 48" x 48" Vertically Mounted Backdraft Damper .....	363.41	40.93
23 33 13 23-0360 EA 48" x 50" Vertically Mounted Backdraft Damper .....	380.24	43.26
23 33 13 23-0361 EA 50" x 48" Vertically Mounted Backdraft Damper .....	387.08	45.51
23 33 13 23-0362 EA 36" x 68" Vertically Mounted Backdraft Damper .....	392.09	45.51
23 33 13 23-0363 EA 50" x 50" Vertically Mounted Backdraft Damper .....	404.35	47.76
23 33 13 23-0364 EA 36" x 72" Vertically Mounted Backdraft Damper .....	413.95	47.76

**23 33 13 23-0365 Backdraft Damper Accessories (23 33 13 23)**

23 33 13 23-0366 EA For Motor Pack For Horizontally Mounted Backdraft Damper.....	111.15	17.25
23 33 13 23-0367 EA For Motor Pack For Vertically Mounted Backdraft Damper.....	181.50	17.25



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 33 13 29 Barometric Dampers (23 33 13)</b>						
				23 33 13 29-0001 EA 6" x 6" Barometric Damper .....	111.04	5.47
				23 33 13 29-0002 EA 12" x 12" Barometric Damper .....	159.45	7.51
				23 33 13 29-0003 EA 18" x 18" Barometric Damper .....	218.13	11.62
				23 33 13 29-0004 EA 24" x 24" Barometric Damper .....	281.29	21.86
				23 33 13 29-0005 EA 6" Diameter Barometric Damper .....	61.08	5.47
				<i>For Stainless Steel, Add</i>	51.84	
				23 33 13 29-0006 EA 7" Diameter Barometric Damper .....	71.98	6.15
				<i>For Stainless Steel, Add</i>	61.59	
				23 33 13 29-0007 EA 8" Diameter Barometric Damper .....	83.53	6.83
				<i>For Stainless Steel, Add</i>	71.42	
				23 33 13 29-0008 EA 9" Diameter Barometric Damper .....	99.65	6.83
				<i>For Stainless Steel, Add</i>	90.48	
				23 33 13 29-0009 EA 10" Diameter Barometric Damper .....	126.34	8.20
				<i>For Stainless Steel, Add</i>	123.27	
				23 33 13 29-0010 EA 12" Diameter Barometric Damper .....	157.43	8.88
				<i>For Stainless Steel, Add</i>	158.99	
				23 33 13 29-0011 EA 14" Diameter Barometric Damper .....	194.39	9.56
				<i>For Stainless Steel, Add</i>	202.76	
				23 33 13 29-0012 EA 15" Diameter Barometric Damper .....	229.87	10.25
				<i>For Stainless Steel, Add</i>	243.71	
				23 33 13 29-0013 EA 16" Diameter Barometric Damper .....	264.43	11.62
				<i>For Stainless Steel, Add</i>	284.56	
				23 33 13 29-0014 EA 18" Diameter Barometric Damper .....	341.63	12.29
				<i>For Stainless Steel, Add</i>	380.19	
				23 33 13 29-0015 EA 20" Diameter Barometric Damper .....	403.51	13.66
				<i>For Stainless Steel, Add</i>	455.07	
				23 33 13 29-0016 EA 24" Diameter Barometric Damper .....	481.27	13.66
				<i>For Stainless Steel, Add</i>	552.99	
				23 33 13 29-0017 EA 30" Diameter Barometric Damper .....	588.78	15.71
				<i>For Stainless Steel, Add</i>	685.49	
				23 33 13 29-0018 EA 36" Diameter Barometric Damper .....	742.66	16.40
				<i>For Stainless Steel, Add</i>	881.34	
<b>23 33 13 33 Splitter Damper Hardware (23 33 13)</b>						
				23 33 13 33-0001 EA Splitter Damper, Hardware .....	21.18	4.78
<b>23 33 13 43 Blower Check Valve (23 33 13)</b>						
<b>23 33 13 43-0001 Blower Check Valves With Silicone Seals (23 33 13 43)</b>						
				23 33 13 43-0002 EA 2-1/2" Blower Check Valves, Silicone Seals .....	275.57	17.63
				23 33 13 43-0003 EA 3" Blower Check Valves, Silicone Seals .....	307.03	20.09
				23 33 13 43-0004 EA 4" Blower Check Valves, Silicone Seals .....	393.04	26.64
				23 33 13 43-0005 EA 5" Blower Check Valves, Silicone Seals .....	552.72	30.75
				23 33 13 43-0006 EA 6" Blower Check Valves, Silicone Seals .....	615.40	36.90
				23 33 13 43-0007 EA 8" Blower Check Valves, Silicone Seals .....	930.43	46.74
<b>23 33 13 43-0008 Blower Check Valves With Viton Seats (23 33 13 43)</b>						
				23 33 13 43-0009 EA 2-1/2" Blower Check Valves, Viton Seats .....	391.81	17.63
				23 33 13 43-0010 EA 3" Blower Check Valves, Viton Seats .....	445.19	20.09
				23 33 13 43-0011 EA 4" Blower Check Valves, Viton Seats .....	489.23	26.64
				23 33 13 43-0012 EA 5" Blower Check Valves, Viton Seats .....	696.73	30.75
				23 33 13 43-0013 EA 6" Blower Check Valves, Viton Seats .....	774.38	36.90
				23 33 13 43-0014 EA 8" Blower Check Valves, Viton Seats .....	1,211.65	46.74
<b>23 33 19 Duct Sound Trap (23 33)</b>						
<b>23 33 19 00-0001 36" Long Packaged Duct Sound Trap (23 33 19)</b>						
				23 33 19 00-0002 EA 12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	197.76	28.01
				23 33 19 00-0003 EA 12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	237.29	32.11
				23 33 19 00-0004 EA 12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	306.04	36.89
				23 33 19 00-0005 EA 12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	370.96	41.67
				23 33 19 00-0006 EA 24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	344.39	41.67
				23 33 19 00-0007 EA 24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	436.72	43.72
				23 33 19 00-0008 EA 24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	481.76	46.45
				23 33 19 00-0009 EA 24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	528.17	49.18
				23 33 19 00-0010 EA 24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	689.42	56.01
				23 33 19 00-0011 EA 36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	434.86	46.45
				23 33 19 00-0012 EA 36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	584.68	56.01
				23 33 19 00-0013 EA 36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	1,026.83	75.14
				23 33 19 00-0014 EA 36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	1,134.45	79.24
				23 33 19 00-0015 EA 48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	1,265.46	85.39
				23 33 19 00-0016 EA 48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....	1,420.01	92.90
<b>23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)</b>						

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0018	EA		12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	220.67	61.48
23 33 19 00-0019	EA		12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	265.55	71.05
23 33 19 00-0020	EA		12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	343.37	81.97
23 33 19 00-0021	EA		12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	416.24	92.21
23 33 19 00-0022	EA		24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	386.04	92.21
23 33 19 00-0023	EA		24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	491.84	97.68
23 33 19 00-0024	EA		24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	540.68	102.47
23 33 19 00-0025	EA		24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	590.56	107.93
23 33 19 00-0026	EA		24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	775.30	122.96
23 33 19 00-0027	EA		36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	487.39	102.47
23 33 19 00-0028	EA		36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	656.27	122.96
23 33 19 00-0029	EA		36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,149.64	161.90
23 33 19 00-0030	EA		36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,282.18	175.55
23 33 19 00-0031	EA		48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,422.49	186.49
23 33 19 00-0032	EA		48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,600.09	204.93
<b>23 33 19 00-0033</b>			<b>84" Long Packaged Duct Sound Trap (23 33 19)</b>		
23 33 19 00-0034	EA		6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	189.52	51.23
23 33 19 00-0035	EA		6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	322.46	76.51
23 33 19 00-0036	EA		6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	450.95	112.03
23 33 19 00-0037	EA		12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	254.42	61.48
23 33 19 00-0038	EA		12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	315.29	71.05
23 33 19 00-0039	EA		12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	425.09	81.97
23 33 19 00-0040	EA		12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	500.74	88.12
23 33 19 00-0041	EA		12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	546.24	94.95
23 33 19 00-0042	EA		12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	684.58	102.47
23 33 19 00-0043	EA		12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	808.02	112.03
23 33 19 00-0044	EA		24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	471.63	94.95
23 33 19 00-0045	EA		24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	665.53	99.05
23 33 19 00-0046	EA		24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	725.44	102.47
23 33 19 00-0047	EA		24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	789.52	107.93
23 33 19 00-0048	EA		24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	987.00	116.13
23 33 19 00-0049	EA		24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,070.19	122.96
<b>23 33 23</b>			<b>Duct Turning Vanes (23 33)</b>		
<b>23 33 23 00-0001</b>			<b>Duct Turning Vane Components (23 33 23)</b>		
23 33 23 00-0002	LF		Duct Turning Vane Rail.....	5.03	1.70
			<i>For Stainless Steel, Add</i>	1.94	
23 33 23 00-0003	LF		Double Thick Factory Fabricated, Duct Turning Vane.....	3.65	0.69
			<i>For Stainless Steel, Add</i>	2.91	
<b>23 33 23 00-0004</b>			<b>Duct Turning Vane Sets (23 33 23)</b>		
			Note: Measured from inside corner to outside corner of ductwork.		
23 33 23 00-0005	LF		12" High Duct Turning Vanes, Sets.....	13.49	2.56
			<i>For Stainless Steel, Add</i>	13.36	
23 33 23 00-0006	LF		14" High Duct Turning Vanes, Sets.....	16.42	2.73
			<i>For Stainless Steel, Add</i>	16.90	
23 33 23 00-0007	LF		16" High Duct Turning Vanes, Sets.....	21.82	2.86
			<i>For Stainless Steel, Add</i>	23.66	
23 33 23 00-0008	LF		18" High Duct Turning Vanes, Sets.....	27.24	3.08
			<i>For Stainless Steel, Add</i>	30.42	
23 33 23 00-0009	LF		20" High Duct Turning Vanes, Sets.....	30.09	3.28
			<i>For Stainless Steel, Add</i>	33.80	
23 33 23 00-0010	LF		22" High Duct Turning Vanes, Sets.....	37.64	3.08
			<i>For Stainless Steel, Add</i>	43.95	
23 33 23 00-0011	LF		24" High Duct Turning Vanes, Sets.....	46.17	3.62
			<i>For Stainless Steel, Add</i>	54.09	
23 33 23 00-0012	LF		26" High Duct Turning Vanes, Sets.....	49.47	3.78
			<i>For Stainless Steel, Add</i>	58.16	
23 33 23 00-0013	LF		30" High Duct Turning Vanes, Sets.....	55.02	3.93
			<i>For Stainless Steel, Add</i>	65.13	
<b>23 33 33</b>			<b>Duct-Mounting Access Doors (23 33)</b>		
<b>23 33 33 00-0001</b>			<b>Duct Access Doors, Insulated Factory Fabrication (23 33 33)</b>		
23 33 33 00-0002	EA		6" x 6" Duct Access Doors Insulated Factory Fabrication.....	55.56	9.56
			<i>For Stainless Steel, Add</i>	34.28	
23 33 33 00-0003	EA		10" x 10" Duct Access Doors Insulated Factory Fabrication.....	59.16	9.56
			<i>For Stainless Steel, Add</i>	41.48	
23 33 33 00-0004	EA		12" x 12" Duct Access Doors Insulated Factory Fabrication.....	60.92	9.56
			<i>For Stainless Steel, Add</i>	45.00	
23 33 33 00-0005	EA		12" x 18" Duct Access Doors Insulated Factory Fabrication.....	79.01	11.62
			<i>For Stainless Steel, Add</i>	63.44	
23 33 33 00-0006	EA		16" x 12" Duct Access Doors Insulated Factory Fabrication.....	79.73	11.62
			<i>For Stainless Steel, Add</i>	64.88	
23 33 33 00-0007	EA		18" x 18" Duct Access Doors Insulated Factory Fabrication.....	98.81	15.71
			<i>For Stainless Steel, Add</i>	74.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0008 EA 24" x 18" Duct Access Doors Insulated Factory Fabrication ..... <i>For Stainless Steel, Add</i>	117.05 80.40	19.13
23 33 33 00-0009 EA 24" x 24" Duct Access Doors Insulated Factory Fabrication ..... <i>For Stainless Steel, Add</i>	151.83 98.72	25.96
<b>23 33 43 Flexible Duct Connectors (23 33)</b>		
23 33 43 00-0001 LF Flex Duct Connector, Fabric/Sheet Metal .....	8.05	2.05
23 33 43 00-0002 LF Flex Duct Connector, Rubber Vinyl.....	7.79	1.85
<b>23 33 46 Flexible Ducts (23 33)</b>		
23 33 46 00-0001 Flexible Duct, R4.2 Insulated With Metallized Outer Jacket (23 33 46) Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.		
23 33 46 00-0002 LF 4" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	4.01	0.69
23 33 46 00-0003 LF 5" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	4.50	1.36
23 33 46 00-0004 LF 6" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	5.25	1.36
23 33 46 00-0005 LF 7" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	6.12	1.36
23 33 46 00-0006 LF 8" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	7.41	2.05
23 33 46 00-0007 LF 10" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	9.42	2.05
23 33 46 00-0008 LF 12" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	12.84	2.73
23 33 46 00-0009 LF 14" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	15.83	2.73
23 33 46 00-0010 LF 16" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket .....	20.65	3.42
<b>23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper (23 33 46)</b>		
23 33 46 00-0012 EA Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	26.95 15.05	4.09
23 33 46 00-0013 EA 5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	29.30 15.25	4.78
23 33 46 00-0014 EA 6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	33.43 16.82	4.78
23 33 46 00-0015 EA 7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	37.95 17.36	6.15
23 33 46 00-0016 EA 8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	45.82 19.60	7.51
23 33 46 00-0017 EA 10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	53.72 24.17	8.88
23 33 46 00-0018 EA 12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	61.01 26.04	10.25
23 33 46 00-0019 EA 14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	72.22 32.60	11.62
23 33 46 00-0020 EA 16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper ..... <i>For Stainless Steel, Add</i>	78.67 35.67	12.98
<b>23 33 53 Duct Liners (23 33)</b>		
23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation (23 33 53)		
23 33 53 00-0002 SF 1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	7.17	1.84
23 33 53 00-0003 SF 3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	7.82	1.84
23 33 53 00-0004 SF 1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	8.71	2.45
23 33 53 00-0005 SF 1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	10.69	2.45
23 33 53 00-0006 SF 2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.89	2.75
23 33 53 00-0007 SF 1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	7.01	2.05
23 33 53 00-0008 SF 3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	7.65	2.05
23 33 53 00-0009 SF 1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	8.55	2.73
23 33 53 00-0010 SF 1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	10.43	2.73
23 33 53 00-0011 SF 2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.62	3.08
<b>23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation (23 33 53)</b>		
23 33 53 00-0013 SF 1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	1.64	1.64
23 33 53 00-0014 SF 1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket.....	1.85	1.85
23 33 53 00-0015 SF 1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	2.43	1.85
23 33 53 00-0016 SF 1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket.....	3.19	1.85
23 33 53 00-0017 SF 1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket.....	2.63	2.05
23 33 53 00-0018 SF 2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket.....	2.79	2.26
23 33 53 00-0019 SF 2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket.....	4.42	2.26
<b>23 33 56 Duct Air Extractors (23 33)</b>		
23 33 56 00-0001 EA 12" x 4" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	44.78 28.91	11.27
23 33 56 00-0002 EA 8" x 6" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	46.84 28.91	12.29
23 33 56 00-0003 EA 12" x 6" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	56.73 40.00	12.98
23 33 56 00-0004 EA 16" x 6" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	66.36 50.75	13.66

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0005 EA 24" x 6" Duct Air Extractor.....	94.50	15.03
For Stainless Steel, Add	83.79	
23 33 56 00-0006 EA 12" x 8" Duct Air Extractor.....	61.82	13.66
For Stainless Steel, Add	44.85	
23 33 56 00-0007 EA 20" x 8" Duct Air Extractor.....	84.09	17.07
For Stainless Steel, Add	64.91	
23 33 56 00-0008 EA 18" x 10" Duct Air Extractor.....	87.96	19.46
For Stainless Steel, Add	63.73	
23 33 56 00-0009 EA 24" x 10" Duct Air Extractor.....	109.31	22.87
For Stainless Steel, Add	82.62	
23 33 56 00-0010 EA 24" x 12" Duct Air Extractor.....	122.74	27.32
For Stainless Steel, Add	88.52	
23 33 56 00-0011 EA 30" x 12" Duct Air Extractor.....	153.64	34.16
For Stainless Steel, Add	110.93	

**23 33 59 Duct Pressure Relief Doors (23 33)****23 33 59 00-0001 Duct Pressure Relief Doors (23 33 59)**

23 33 59 00-0002 EA 18" x 18" Duct Pressure Relief Door (Ruskin PRD18).....	628.85	20.49
23 33 59 00-0003 EA 24" x 10" Duct Pressure Relief Door (Ruskin PRD18).....	516.75	17.07
23 33 59 00-0004 EA 24" x 12" Duct Pressure Relief Door (Ruskin PRD18).....	512.65	18.79

**23 34 HVAC Fans (23 30)****23 34 13 Axial HVAC Fans (23 34)****23 34 13 00-0001 Tube-Axial Fans (23 34 13)****23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans (23 34 13 00-0001)**

23 34 13 00-0003 EA 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure.....	1,112.22	209.53
For 1/4" Static Pressure, Add	55.42	
For 3/8" Static Pressure, Add	110.84	
For 1/2" Static Pressure, Add	152.40	
23 34 13 00-0004 EA 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure.....	1,161.70	210.16
For 1/4" Static Pressure, Add	59.38	
For 3/8" Static Pressure, Add	118.75	
For 1/2" Static Pressure, Add	163.29	
23 34 13 00-0005 EA 16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure.....	1,260.66	209.53
For 1/4" Static Pressure, Add	67.29	
For 3/8" Static Pressure, Add	134.59	
For 1/2" Static Pressure, Add	185.06	
23 34 13 00-0006 EA 20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure.....	1,359.62	210.16
For 1/4" Static Pressure, Add	75.21	
For 3/8" Static Pressure, Add	150.42	
For 1/2" Static Pressure, Add	206.83	
23 34 13 00-0007 EA 22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure.....	1,591.95	251.70
For 1/4" Static Pressure, Add	87.09	
For 3/8" Static Pressure, Add	174.17	
For 1/2" Static Pressure, Add	239.49	
23 34 13 00-0008 EA 24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure.....	1,833.66	273.72
For 1/4" Static Pressure, Add	102.92	
For 3/8" Static Pressure, Add	205.84	
For 1/2" Static Pressure, Add	283.03	
23 34 13 00-0009 EA 24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure.....	1,935.25	299.52
For 1/4" Static Pressure, Add	106.88	
For 3/8" Static Pressure, Add	213.76	
For 1/2" Static Pressure, Add	293.92	
23 34 13 00-0010 EA 30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure.....	2,212.61	314.61
For 1/4" Static Pressure, Add	126.67	
For 3/8" Static Pressure, Add	253.34	
For 1/2" Static Pressure, Add	348.34	
23 34 13 00-0011 EA 30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure.....	2,666.80	393.27
For 1/4" Static Pressure, Add	150.42	
For 3/8" Static Pressure, Add	300.84	
For 1/2" Static Pressure, Add	413.66	
23 34 13 00-0012 EA 36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure.....	3,016.13	419.70
For 1/4" Static Pressure, Add	174.17	
For 3/8" Static Pressure, Add	348.34	
For 1/2" Static Pressure, Add	478.97	
23 34 13 00-0013 EA 36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure.....	3,541.04	483.88
For 1/4" Static Pressure, Add	205.84	
For 3/8" Static Pressure, Add	411.68	
For 1/2" Static Pressure, Add	566.06	

**23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)**

23 34 13 00-0015 EA 15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure.....	1,054.03	203.24
For 1/4" Static Pressure, Add	51.85	
For 3/8" Static Pressure, Add	103.69	
For 1/2" Static Pressure, Add	142.58	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0016 EA 15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure.....	1,118.73	210.16
<i>For 1/4" Static Pressure, Add</i>	55.94	
<i>For 3/8" Static Pressure, Add</i>	111.88	
<i>For 1/2" Static Pressure, Add</i>	153.83	
23 34 13 00-0017 EA 18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure.....	1,155.94	217.09
<i>For 1/4" Static Pressure, Add</i>	57.76	
<i>For 3/8" Static Pressure, Add</i>	115.52	
<i>For 1/2" Static Pressure, Add</i>	158.84	
23 34 13 00-0018 EA 18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure.....	1,224.48	224.64
<i>For 1/4" Static Pressure, Add</i>	62.00	
<i>For 3/8" Static Pressure, Add</i>	124.00	
<i>For 1/2" Static Pressure, Add</i>	170.51	
23 34 13 00-0019 EA 18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure.....	1,385.15	233.44
<i>For 1/4" Static Pressure, Add</i>	73.52	
<i>For 3/8" Static Pressure, Add</i>	147.05	
<i>For 1/2" Static Pressure, Add</i>	202.19	
23 34 13 00-0020 EA 24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure.....	1,461.81	242.25
<i>For 1/4" Static Pressure, Add</i>	78.22	
<i>For 3/8" Static Pressure, Add</i>	156.45	
<i>For 1/2" Static Pressure, Add</i>	215.11	
23 34 13 00-0021 EA 24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure.....	1,640.35	251.70
<i>For 1/4" Static Pressure, Add</i>	90.96	
<i>For 3/8" Static Pressure, Add</i>	181.92	
<i>For 1/2" Static Pressure, Add</i>	250.13	
23 34 13 00-0022 EA 24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure.....	1,857.24	251.70
<i>For 1/4" Static Pressure, Add</i>	108.37	
<i>For 3/8" Static Pressure, Add</i>	216.75	
<i>For 1/2" Static Pressure, Add</i>	298.03	
23 34 13 00-0023 EA 30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure.....	2,156.92	273.72
<i>For 1/4" Static Pressure, Add</i>	128.86	
<i>For 3/8" Static Pressure, Add</i>	257.71	
<i>For 1/2" Static Pressure, Add</i>	354.36	
23 34 13 00-0024 EA 30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure.....	2,555.91	331.60
<i>For 1/4" Static Pressure, Add</i>	151.60	
<i>For 3/8" Static Pressure, Add</i>	303.19	
<i>For 1/2" Static Pressure, Add</i>	416.89	
23 34 13 00-0025 EA 30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure.....	2,921.52	331.60
<i>For 1/4" Static Pressure, Add</i>	180.62	
<i>For 3/8" Static Pressure, Add</i>	361.24	
<i>For 1/2" Static Pressure, Add</i>	496.71	
23 34 13 00-0026 EA 36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure.....	3,220.11	349.85
<i>For 1/4" Static Pressure, Add</i>	201.68	
<i>For 3/8" Static Pressure, Add</i>	403.36	
<i>For 1/2" Static Pressure, Add</i>	554.61	
23 34 13 00-0027 EA 36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure.....	3,520.29	369.99
<i>For 1/4" Static Pressure, Add</i>	222.54	
<i>For 3/8" Static Pressure, Add</i>	445.08	
<i>For 1/2" Static Pressure, Add</i>	611.99	
23 34 13 00-0028 EA 36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure.....	3,997.00	483.88
<i>For 1/4" Static Pressure, Add</i>	242.55	
<i>For 3/8" Static Pressure, Add</i>	485.11	
<i>For 1/2" Static Pressure, Add</i>	667.02	
23 34 13 00-0029 EA 36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure.....	4,577.52	484.50
<i>For 1/4" Static Pressure, Add</i>	289.00	
<i>For 3/8" Static Pressure, Add</i>	577.99	
<i>For 1/2" Static Pressure, Add</i>	794.74	
23 34 13 00-0030 EA 42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure.....	5,164.91	571.85
<i>For 1/4" Static Pressure, Add</i>	322.00	
<i>For 3/8" Static Pressure, Add</i>	644.00	
<i>For 1/2" Static Pressure, Add</i>	885.50	

**23 34 16 Centrifugal HVAC Fans (23 34)**

23 34 16 00-0001	Centrifugal Fans (23 34 16) Note: All belt fans to be supplied with belt guard.	
23 34 16 00-0002	Kitchen System Fans (23 34 16 00-0001)	
23 34 16 00-0003	Upblast Kitchen Exhaust Fans (23 34 16 00-0002)	
23 34 16 00-0004	Direct Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0003) Note: Greenheck CUE.	
23 34 16 00-0005	EA Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan ..... 728.28	81.80
	Note: 115V. For roof or wall installations. Includes disconnect switch.	
	<i>For Bird Screen, Add</i>	31.99
	<i>For Backdraft Damper, Add</i>	68.17
	<i>For Damper Motor, Add</i>	108.11
23 34 16 00-0006	EA 14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan ..... 855.38	81.80
	Note: 115V. For roof or wall installations. Includes disconnect switch.	
	<i>For Bird Screen, Add</i>	31.99
	<i>For Backdraft Damper, Add</i>	68.17
	<i>For Damper Motor, Add</i>	108.11
23 34 16 00-0007	Belt Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0003) Note: Greenheck CUBE.	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0008	EA		10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan ..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,256.87	81.80
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	31.99	
			<i>For Wall Mounted Fan, Add</i>	50.27	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	92.93	
			<i>For Backdraft Damper, Add</i>	68.17	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0009	EA		12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,312.03	81.80
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	31.99	
			<i>For Wall Mounted Fan, Add</i>	52.48	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	97.62	
			<i>For Backdraft Damper, Add</i>	68.17	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0010	EA		14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,124.28	94.38
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	36.41	
			<i>For Wall Mounted Fan, Add</i>	44.97	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	79.52	
			<i>For Backdraft Damper, Add</i>	77.31	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0011	EA		14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,203.71	94.38
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	36.41	
			<i>For Wall Mounted Fan, Add</i>	48.15	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	86.27	
			<i>For Backdraft Damper, Add</i>	77.31	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0012	EA		16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,530.83	110.11
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	36.41	
			<i>For Wall Mounted Fan, Add</i>	61.23	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	111.40	
			<i>For Backdraft Damper, Add</i>	77.31	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0013	EA		16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,615.78	110.11
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	36.41	
			<i>For Wall Mounted Fan, Add</i>	64.63	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	118.62	
			<i>For Backdraft Damper, Add</i>	77.31	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0014	EA		18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,760.59	117.98
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	60.68	
			<i>For Wall Mounted Fan, Add</i>	70.42	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	129.59	
			<i>For Backdraft Damper, Add</i>	95.46	
			<i>For Damper Motor, Add</i>	108.11	
23 34 16 00-0015	EA		18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan..... Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,892.98	117.98
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Bird Screen, Add</i>	60.68	
			<i>For Wall Mounted Fan, Add</i>	75.72	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	140.85	
			<i>For Backdraft Damper, Add</i>	95.46	
			<i>For Damper Motor, Add</i>	108.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0016 EA 20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	1,924.15	125.84
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For 3 Phase Motor, Deduct	-50.00	
For Bird Screen, Add	60.68	
For Wall Mounted Fan, Add	76.97	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	142.16	
For Backdraft Damper, Add	95.46	
For Damper Motor, Add	108.11	
23 34 16 00-0017 EA 20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,110.59	125.84
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For 3 Phase Motor, Deduct	-50.00	
For Bird Screen, Add	60.68	
For Wall Mounted Fan, Add	84.42	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	158.01	
For Backdraft Damper, Add	95.46	
For Damper Motor, Add	108.11	
23 34 16 00-0018 EA 24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,431.08	141.58
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For 3 Phase Motor, Deduct	-50.00	
For Bird Screen, Add	71.71	
For Wall Mounted Fan, Add	97.24	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	182.57	
For Backdraft Damper, Add	103.61	
For Damper Motor, Add	108.11	
23 34 16 00-0019 EA 24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,602.08	141.58
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For 3 Phase Motor, Deduct	-50.00	
For Bird Screen, Add	71.71	
For Wall Mounted Fan, Add	104.08	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	197.11	
For Backdraft Damper, Add	103.61	
For Damper Motor, Add	108.11	
23 34 16 00-0020 EA 30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,084.75	157.31
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	77.22	
For Wall Mounted Fan, Add	123.39	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	235.46	
For Backdraft Damper, Add	114.75	
For Damper Motor, Add	108.11	
23 34 16 00-0021 EA 30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,141.01	157.31
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	77.22	
For Wall Mounted Fan, Add	125.64	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	240.24	
For Backdraft Damper, Add	114.75	
For Damper Motor, Add	108.11	
23 34 16 00-0022 EA 30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,426.74	157.31
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	77.22	
For Wall Mounted Fan, Add	137.07	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	264.53	
For Backdraft Damper, Add	114.75	
For Damper Motor, Add	108.11	
23 34 16 00-0023 EA 30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,564.64	157.31
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	77.22	
For Wall Mounted Fan, Add	142.59	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	276.25	
For Backdraft Damper, Add	114.75	
For Damper Motor, Add	108.11	
23 34 16 00-0024 EA 36" Diameter Wheel, 3 HP, 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,925.03	173.04
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	88.26	
For Wall Mounted Fan, Add	157.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	304.21	
For Damper Motor, Add	108.11	
For Backdraft Damper, Add	134.04	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0025 EA 36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan ..... Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	4,083.61	173.04
For Bird Screen, Add	88.26	
For Wall Mounted Fan, Add	163.34	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	317.69	
For Damper Motor, Add	108.11	
For Backdraft Damper, Add	134.04	
23 34 16 00-0026 EA 42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan ..... Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	4,119.52	188.77
For Bird Screen, Add	88.26	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	318.07	
For Damper Motor, Add	108.11	
For Backdraft Damper, Add	154.72	
23 34 16 00-0027 EA 42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan ..... Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	4,467.69	188.77
For Bird Screen, Add	88.26	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	347.67	
For Damper Motor, Add	108.11	
For Backdraft Damper, Add	154.72	
<b>23 34 16 00-0028 Untempered Kitchen Make-Up Air Fans (23 34 16 00-0002)</b> Note: Roof mounted with downblast discharge, weatherhood and filter.		
<b>23 34 16 00-0029 Direct Drive Kitchen Make-Up Air Fans (23 34 16 00-0028)</b>		
23 34 16 00-0030 EA 7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan ..... Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	781.79	81.80
For Extended Weatherhood, Add	133.61	
23 34 16 00-0031 EA 8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan ..... Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	820.93	81.80
For Extended Weatherhood, Add	139.48	
23 34 16 00-0032 EA 9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan ..... Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	868.96	81.80
For Extended Weatherhood, Add	146.69	
<b>23 34 16 00-0033 Belt Drive Kitchen Make-Up Air Fans (23 34 16 00-0028)</b>		
23 34 16 00-0034 EA 9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan ..... Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	887.59	81.80
For Extended Weatherhood, Add	149.48	
23 34 16 00-0035 EA 10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan ..... Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	997.61	110.11
For Extended Weatherhood, Add	171.66	
23 34 16 00-0036 EA 12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan ..... Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,201.70	125.84
For Extended Weatherhood, Add	205.43	
23 34 16 00-0037 EA 15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan ..... Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,394.61	157.31
For Extended Weatherhood, Add	240.65	
23 34 16 00-0038 EA 18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan ..... Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,687.51	188.77
For Extended Weatherhood, Add	290.88	
<b>23 34 16 00-0039 Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001)</b> Note: V-belt driven.		
<b>23 34 16 00-0040 Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0039)</b> Note: Under 30" diameter wheel.		
<b>23 34 16 00-0041 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0042 EA 1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450 - 1,750 CFM At 1/8" Static Pressure .....	1,112.61	138.24
23 34 16 00-0043 EA 1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,663.04	143.47
23 34 16 00-0044 EA 1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,706.92	114.33
23 34 16 00-0045 EA 1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,783.79	156.68
23 34 16 00-0046 EA 3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,820.63	166.12
23 34 16 00-0047 EA 1 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,876.92	173.04
23 34 16 00-0048 EA 1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure .....	1,928.25	184.36
<b>23 34 16 00-0049 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0050 EA 1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	1,934.53	151.02
23 34 16 00-0051 EA 1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	1,965.91	156.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0052 EA 1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	2,025.64	166.12
23 34 16 00-0053 EA 3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	2,058.86	173.04
23 34 16 00-0054 EA 1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	2,121.84	184.36
23 34 16 00-0055 EA 1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure .....	2,187.91	193.18
<b>23 34 16 00-0056 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0057 EA 1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	1,943.17	156.68
23 34 16 00-0058 EA 1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	1,980.16	166.12
23 34 16 00-0059 EA 1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,036.12	173.04
23 34 16 00-0060 EA 3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,076.34	184.36
23 34 16 00-0061 EA 1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,134.85	193.18
23 34 16 00-0062 EA 1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,213.63	207.65
23 34 16 00-0063 EA 2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,275.68	218.34
<b>23 34 16 00-0064 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0065 EA 1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,241.70	166.12
23 34 16 00-0066 EA 1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,321.28	173.04
23 34 16 00-0067 EA 1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,404.72	184.36
23 34 16 00-0068 EA 3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,445.57	193.18
23 34 16 00-0069 EA 1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,495.34	207.65
23 34 16 00-0070 EA 1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,539.74	218.34
23 34 16 00-0071 EA 2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,827.16	237.22
<b>23 34 16 00-0072 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0073 EA 1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,314.72	173.04
23 34 16 00-0074 EA 1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,360.62	184.36
23 34 16 00-0075 EA 1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,430.51	193.18
23 34 16 00-0076 EA 3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,475.19	207.65
23 34 16 00-0077 EA 1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,548.60	218.34
23 34 16 00-0078 EA 1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,656.59	237.22
23 34 16 00-0079 EA 2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,723.87	251.70
23 34 16 00-0080 EA 3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,819.51	276.86
<b>23 34 16 00-0081 20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0082 EA 1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,326.52	184.36
23 34 16 00-0083 EA 1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,396.37	193.18
23 34 16 00-0084 EA 1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,475.19	207.65
23 34 16 00-0085 EA 3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,548.60	218.34
23 34 16 00-0086 EA 1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,690.70	237.22
23 34 16 00-0087 EA 1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,904.17	251.70
23 34 16 00-0088 EA 2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	3,034.92	276.86
23 34 16 00-0089 EA 3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	3,178.60	296.37
<b>23 34 16 00-0090 22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0091 EA 1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	2,832.29	193.18
23 34 16 00-0092 EA 1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	2,871.63	207.65
23 34 16 00-0093 EA 1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	2,937.12	218.34
23 34 16 00-0094 EA 3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,012.90	237.22
23 34 16 00-0095 EA 1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,126.58	251.70
23 34 16 00-0096 EA 1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,139.15	276.86
23 34 16 00-0097 EA 2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,201.34	296.37
23 34 16 00-0098 EA 3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,312.12	332.24
<b>23 34 16 00-0099 24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0100 EA 1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,437.96	207.65
23 34 16 00-0101 EA 1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,520.82	237.22
23 34 16 00-0102 EA 3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,622.21	251.70
23 34 16 00-0103 EA 1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,717.20	276.86
23 34 16 00-0104 EA 1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,804.02	296.37
23 34 16 00-0105 EA 2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,857.95	332.24
23 34 16 00-0106 EA 3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,958.59	361.17
23 34 16 00-0107 EA 5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	4,211.23	415.29
<b>23 34 16 00-0108 27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure (23 34 16 00-0040)</b>		
23 34 16 00-0109 EA 1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	3,824.10	218.34
23 34 16 00-0110 EA 1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	3,906.50	251.70
23 34 16 00-0111 EA 3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,001.49	276.86
23 34 16 00-0112 EA 1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,088.32	296.37
23 34 16 00-0113 EA 1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,199.09	332.24
23 34 16 00-0114 EA 2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,299.39	361.17
23 34 16 00-0115 EA 3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,576.19	415.29

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0116 EA 5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,565.43	461.23
<b>23 34 16 00-0117 Large Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0039)</b> Note: Over 30" diameter wheel.		
<b>23 34 16 00-0118 30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure (23 34 16 00-0117)</b>		
23 34 16 00-0119 EA 1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,394.50	276.86
23 34 16 00-0120 EA 3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,476.85	296.37
23 34 16 00-0121 EA 1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,597.79	332.24
23 34 16 00-0122 EA 1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,709.45	361.17
23 34 16 00-0123 EA 2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,860.10	415.29
23 34 16 00-0124 EA 3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	5,998.23	461.23
23 34 16 00-0125 EA 5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	6,206.31	553.73
23 34 16 00-0126 EA 7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure.....	6,400.63	638.67
<b>23 34 16 00-0127 33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0117)</b>		
23 34 16 00-0128 EA 1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	6,362.61	296.37
23 34 16 00-0129 EA 3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	6,530.25	332.24
23 34 16 00-0130 EA 1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	6,687.75	361.17
23 34 16 00-0131 EA 1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	6,883.54	415.29
23 34 16 00-0132 EA 2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	7,067.16	461.23
23 34 16 00-0133 EA 3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	7,320.71	553.73
23 34 16 00-0134 EA 5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	7,626.31	638.67
23 34 16 00-0135 EA 7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure.....	7,967.62	830.59
<b>23 34 16 00-0136 36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0117)</b>		
23 34 16 00-0137 EA 1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	5,162.81	332.24
23 34 16 00-0138 EA 3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	5,206.59	361.17
23 34 16 00-0139 EA 1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	5,288.66	415.29
23 34 16 00-0140 EA 1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	5,381.49	461.23
23 34 16 00-0141 EA 2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	6,079.61	553.73
23 34 16 00-0142 EA 3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	6,305.27	638.67
23 34 16 00-0143 EA 5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	6,695.55	830.59
23 34 16 00-0144 EA 7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure.....	7,110.04	1,038.23
<b>23 34 16 00-0145 Replacement Parts (23 34 16 00-0001)</b>		
<b>23 34 16 00-0146 Replace Belts And Accessories (23 34 16 00-0145)</b>		
23 34 16 00-0147 EA Fan Shaft Bearing, Replacement.....	500.06	221.26
23 34 16 00-0148 EA Fan Belt, Replacement.....	83.08	30.01
<b>23 34 16 00-0149 Corrosive Fume Resistant Plastic (23 34 16 00-0001)</b>		
<b>23 34 16 00-0150 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (23 34 16 00-0149)</b>		
23 34 16 00-0151 EA 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	3,753.32	113.73
For Explosion Proof Motor, Add	528.88	
23 34 16 00-0152 EA 895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	4,073.83	136.62
For Explosion Proof Motor, Add	570.09	
23 34 16 00-0153 EA 1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	4,829.00	170.77
For Explosion Proof Motor, Add	673.12	
23 34 16 00-0154 EA 2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	5,172.08	227.81
For Explosion Proof Motor, Add	707.46	
23 34 16 00-0155 EA 3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	5,903.20	341.55
For Explosion Proof Motor, Add	783.01	
23 34 16 00-0156 EA 11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	10,157.94	683.11
For Explosion Proof Motor, Add	1,318.76	
23 34 16 00-0157 EA 18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	14,820.03	976.50
For Explosion Proof Motor, Add	1,930.06	
<b>23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)</b>		
23 34 16 00-0159 EA 1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	3,753.32	113.73
For Explosion Proof Motor, Add	528.88	
23 34 16 00-0160 EA 1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	3,844.88	136.62
For Explosion Proof Motor, Add	535.75	
23 34 16 00-0161 EA 1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	3,913.19	170.77
For Explosion Proof Motor, Add	535.75	
23 34 16 00-0162 EA 2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	4,027.32	227.81
For Explosion Proof Motor, Add	535.75	
23 34 16 00-0163 EA 3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	5,536.88	341.55
For Explosion Proof Motor, Add	728.07	
23 34 16 00-0164 EA 4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	5,707.65	426.93
For Explosion Proof Motor, Add	728.07	
23 34 16 00-0165 EA 4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	5,830.87	488.55
For Explosion Proof Motor, Add	728.07	
23 34 16 00-0166 EA 6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic.....	5,970.00	512.33
For Explosion Proof Motor, Add	741.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0167 EA 7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,129.65 748.67	569.23
<b>23 34 16 00-0168 In-Line Duct Fans</b> (23 34 16 00-0001)		
<b>23 34 16 00-0169 Direct Drive In-Line Duct Fans</b> (23 34 16 00-0168) <i>Note: Greenheck SQ.</i>		
23 34 16 00-0170 EA Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan ..... <i>Note: 115V. Includes disconnect switch.</i>	973.85	81.80
23 34 16 00-0171 EA 13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan ..... <i>Note: 115V. Includes disconnect switch.</i>	1,250.34	88.09
23 34 16 00-0172 EA 14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan ..... <i>Note: 115V. Includes disconnect switch.</i>	1,371.85	94.38
<b>23 34 16 00-0173 Belt Drive In-Line Duct Fans</b> (23 34 16 00-0168) <i>Note: Greenheck BSQ.</i>		
23 34 16 00-0174 EA Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	1,434.87	94.38
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0175 EA 13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	1,648.56	110.11
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0176 EA 13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	1,858.87	110.11
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0177 EA 13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	2,037.66	110.11
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0178 EA 16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	1,978.02	125.84
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0179 EA 16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	2,280.81	125.84
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0180 EA 24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan ..... <i>Note: 115/208-230/60/1. Includes disconnect switch.</i>	2,903.40	157.31
<i>For 3 Phase Motor, Deduct</i>	-50.00	
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0181 EA 24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan ..... <i>Note: 230/460/60/3. Includes disconnect switch.</i>	3,070.55	157.31
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0182 EA 24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan ..... <i>Note: Belt drive. 230/460/60/3. Includes disconnect switch.</i>	3,188.38	157.31
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0183 EA 30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan ..... <i>Note: 230/460/60/3. Includes disconnect switch.</i>	3,685.01	188.77
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0184 EA 30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan ..... <i>Note: 230/460/60/3. Includes disconnect switch.</i>	3,825.64	188.77
<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0185 EA 30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan ..... <i>Note: 230/460/60/3. Includes disconnect switch.</i>	3,998.47	188.77
<i>For Totally Enclosed Motor, Add</i>	85.00	
<b>23 34 16 00-0186 In-Line Cabinet Fans</b> (23 34 16 00-0001)		
23 34 16 00-0187 EA 950 CFM, 80 Watts, Direct Drive In-Line Cabinet Fan.....	256.46	55.06
23 34 16 00-0188 EA 1,050 CFM, 129 Watts, Direct Drive In-Line Cabinet Fan.....	271.87	55.06
23 34 16 00-0189 EA 1,100 CFM, 173 Watts, Direct Drive In-Line Cabinet Fan.....	292.78	55.06
23 34 16 00-0190 EA 950 CFM, 48.7 Watts, Direct Drive In-Line Cabinet Fan.....	291.68	55.06
23 34 16 00-0191 EA 1,100 CFM, 52.5 Watts, Direct Drive In-Line Cabinet Fan.....	291.68	55.06
23 34 16 00-0192 EA 1,400 CFM, 100 Watts, Direct Drive In-Line Cabinet Fan.....	324.69	55.06
23 34 16 00-0193 EA 900 CFM, 48.2 Watts, Direct Drive In-Line Cabinet Fan.....	390.41	58.20
23 34 16 00-0194 EA 1,000 CFM, 82.7 Watts, Direct Drive In-Line Cabinet Fan.....	332.09	58.20
23 34 16 00-0195 EA 1,050 CFM, 80.7 Watts, Direct Drive In-Line Cabinet Fan.....	354.10	58.20
23 34 16 00-0196 EA 1,350 CFM, 140 Watts, Direct Drive In-Line Cabinet Fan.....	368.40	58.20
23 34 16 00-0197 EA 1,000 CFM, 135 Watts, Direct Drive In-Line Cabinet Fan.....	384.91	58.20
23 34 16 00-0198 EA 1,070 CFM, 217 Watts, Direct Drive In-Line Cabinet Fan.....	384.91	58.20
23 34 16 00-0199 EA 1,100 CFM, 350 Watts, Direct Drive In-Line Cabinet Fan.....	629.99	61.35
23 34 16 00-0200 EA 1,080 CFM, 325 Watts, Direct Drive In-Line Cabinet Fan.....	529.86	61.35
23 34 16 00-0201 EA 1,600 CFM, 405 Watts, Direct Drive In-Line Cabinet Fan.....	529.86	61.35
23 34 16 00-0202 EA 950 CFM, 328 Watts, Direct Drive In-Line Cabinet Fan.....	718.03	61.35
23 34 16 00-0203 EA 1,095 CFM, 455 Watts, Direct Drive In-Line Cabinet Fan.....	718.03	61.35
23 34 16 00-0204 EA 1,450 CFM, 822 Watts, Direct Drive In-Line Cabinet Fan.....	718.03	61.35
23 34 16 00-0205 EA 1,610 CFM, 830 Watts, Direct Drive In-Line Cabinet Fan.....	780.75	61.35

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 34 16 00-0206		<b>Propeller And Ceiling Fans</b> (23 34 16)			
23 34 16 00-0207		<b>Direct Drive, Sidewall Propeller Exhaust Fan</b> (23 34 16 00-0206)			
		Note: Greenheck SE1.			
23 34 16 00-0208	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	386.66		67.33
		Note: Includes motor side guard.			
		For Backdraft Damper, Add	75.88		
		For Wall Mount Collar, Add	150.32		
23 34 16 00-0209	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	409.49		74.88
		Note: Includes motor side guard.			
		For Backdraft Damper, Add	82.02		
		For Wall Mount Collar, Add	150.32		
23 34 16 00-0210	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	453.42		83.05
		Note: Includes motor side guard.			
		For Backdraft Damper, Add	90.17		
		For Wall Mount Collar, Add	154.26		
23 34 16 00-0211	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	663.62		91.87
		For Backdraft Damper, Add	107.31		
		For Wall Mount Collar, Add	157.10		
		For Motor Side Guard, Add	129.86		
23 34 16 00-0212	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	673.98		101.93
		For Backdraft Damper, Add	107.31		
		For Wall Mount Collar, Add	161.04		
		For Motor Side Guard, Add	138.20		
23 34 16 00-0213	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	757.63		113.26
		For Backdraft Damper, Add	129.46		
		For Wall Mount Collar, Add	164.98		
		For Motor Side Guard, Add	146.55		
23 34 16 00-0214	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan .....	864.84		125.84
		For Backdraft Damper, Add	129.46		
		For Wall Mount Collar, Add	167.81		
		For Motor Side Guard, Add	158.22		
23 34 16 00-0215		<b>Belt Drive Propeller Exhaust Fans</b> (23 34 16 00-0206)			
		Note: Wall shutter 1/8" static pressure, with birdscreen.			
23 34 16 00-0216	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter .....	1,460.78		179.96
23 34 16 00-0217	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter .....	1,672.06		209.53
23 34 16 00-0218	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter .....	1,893.28		251.70
23 34 16 00-0219	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter .....	2,645.19		314.61
23 34 16 00-0220	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter .....	3,144.52		419.70
23 34 16 00-0221	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter .....	4,355.93		629.23
23 34 16 00-0222	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter .....	5,215.43		806.67
23 34 16 00-0223		<b>Propeller Exhaust Fan Accessories</b> (23 34 16 00-0206)			
23 34 16 00-0224	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening) .....	74.64		
23 34 16 00-0225	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening) .....	172.71		
23 34 16 00-0226		<b>Reversible Ceiling Fans</b> (23 34 16 00-0206)			
23 34 16 00-0227		<b>4 Blade Ceiling Fans</b> (23 34 16 00-0226)			
23 34 16 00-0228	EA	42" 4-Blade Ceiling Fan, Three Speed .....	341.45		34.15
		For Light Kit, Add	25.57		
		For Brass Plated Motor, Add	20.25		
23 34 16 00-0229		<b>5 Blade Ceiling Fans</b> (23 34 16 00-0226)			
23 34 16 00-0230	EA	42" 5-Blade Ceiling Fan, Three Speed .....	374.08		84.52
		For Light Kit, Add	25.60		
		For Brass Plated Motor, Add	20.25		
23 34 16 00-0231	EA	52" 5-Blade Ceiling Fan, Three Speed .....	427.48		84.52
		For Light Kit, Add	25.67		
		For Brass Plated Motor, Add	20.25		
23 34 16 00-0232		<b>3 Blade Weatherproof Ceiling Fans</b> (23 34 16 00-0226)			
23 34 16 00-0233	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed .....	349.91		31.15
23 34 16 00-0234		<b>Industrial Grade Reversible Ceiling Fans, 120V 60 HZ</b> (23 34 16 00-0206)			
23 34 16 00-0235		<b>Heavy Duty Four Blade Industrial Grade Reversible Ceiling Fans</b> (23 34 16 00-0234)			
23 34 16 00-0236	EA	Industrial Grade Ceiling Fan, 5,500 CFM Reversible, 120 Volt, 60 Hertz, Heavy Duty 4-Blade .....	526.53		210.16
23 34 16 00-0237	EA	Industrial Grade Ceiling Fan, 7,600 CFM Reversible, 120 Volt, 60 Hertz, Heavy Duty 4-Blade .....	514.37		210.16
23 34 16 00-0238	EA	Industrial Grade Ceiling Fan, 21,015 CFM Reversible, 120 Volt, 60 Hertz, Heavy Duty 4-Blade .....	1,466.28		629.23
23 34 16 00-0239		<b>Exhaust Fans</b> (23 34 16)			





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0240				<b>Exhaust Fans</b> (23 34 16 00-0239) Note: Excludes ducting.		
23 34 16 00-0241				<b>Light Duty Exhaust Fans</b> (23 34 16 00-0240)		
23 34 16 00-0242				<b>Light Duty Exhaust Fans</b> (23 34 16 00-0241)		
23 34 16 00-0243	EA			50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 670).....	81.85	27.60
23 34 16 00-0244	EA			70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 671).....	86.30	27.60
23 34 16 00-0245	EA			180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 505).....	139.72	27.60
23 34 16 00-0246	EA			350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 504).....	175.45	27.60
23 34 16 00-0247	EA			160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 503).....	157.31	27.60
23 34 16 00-0248	EA			270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 502).....	208.04	27.60
23 34 16 00-0249				<b>Light Duty Exhaust Fans With Lights</b> (23 34 16 00-0241)		
23 34 16 00-0250	EA			50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678).....	105.65	27.60
23 34 16 00-0251	EA			70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679).....	116.80	27.60
23 34 16 00-0252	EA			100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680).....	214.85	27.60
23 34 16 00-0253				<b>Light Duty Exhaust Fans With Heaters</b> (23 34 16 00-0241)		
23 34 16 00-0254	EA			70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162).....	108.06	27.60
23 34 16 00-0255	EA			70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658).....	169.20	27.60
23 34 16 00-0256				<b>Light Duty Exhaust Fans With Heaters And Lights</b> (23 34 16 00-0241)		
23 34 16 00-0257	EA			70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655).....	179.80	27.60
23 34 16 00-0258	EA			100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL).....	270.79	27.60
23 34 16 00-0259				<b>Heavy Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0240)		
23 34 16 00-0260				<b>Heavy Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0259) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0261	EA			50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50).....	124.90	27.60
23 34 16 00-0262	EA			80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80).....	137.68	27.60
23 34 16 00-0263	EA			109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG).....	248.27	27.60
23 34 16 00-0264	EA			157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG).....	254.19	27.60
23 34 16 00-0265	EA			210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG).....	272.62	27.60
23 34 16 00-0266	EA			259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG).....	284.40	27.60
23 34 16 00-0267	EA			308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG).....	288.96	27.60
23 34 16 00-0268	EA			434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400).....	330.11	27.60
23 34 16 00-0269	EA			514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500).....	375.49	27.60
23 34 16 00-0270	EA			701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700).....	401.34	27.60
23 34 16 00-0271	EA			901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900).....	476.84	27.60
23 34 16 00-0272	EA			1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500).....	611.35	27.60
23 34 16 00-0273				<b>Heavy Duty/Continuous Operation Kitchen Exhaust Fans</b> (23 34 16 00-0259) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0274	EA			308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG).....	257.64	27.60
23 34 16 00-0275	EA			434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K).....	372.09	27.60
23 34 16 00-0276	EA			514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K).....	393.29	27.60
23 34 16 00-0277				<b>Heavy Duty/Continuous Operation Exhaust Fans With Lights</b> (23 34 16 00-0259)		
23 34 16 00-0278	EA			50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L).....	135.36	27.60
23 34 16 00-0279	EA			80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L).....	147.36	27.60
23 34 16 00-0280				<b>Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0259)		
23 34 16 00-0281	EA			50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF).....	140.63	27.60

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0282 EA 80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF) .....	148.58	27.60
23 34 16 00-0283 EA 110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF).....	152.41	27.60
<b>23 34 16 00-0284 Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans (23 34 16 00-0240)</b>		
23 34 16 00-0285 EA 900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900) .....	651.60	27.60
23 34 16 00-0286 EA 1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050) .....	651.60	27.60
23 34 16 00-0287 EA 1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410) .....	651.60	27.60
23 34 16 00-0288 EA 1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550) .....	714.60	27.60
<b>23 34 16 00-0289 Room-To-Room Exhaust Fans (23 34 16 00-0240)</b>		
23 34 16 00-0290 EA 90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512) .....	102.65	27.60
23 34 16 00-0291 EA 180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511) .....	167.54	27.60
23 34 16 00-0292 EA 380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510) .....	191.18	27.60
<b>23 34 16 00-0293 Through-Wall Exhaust Fans (23 34 16 00-0240)</b>		
23 34 16 00-0294 EA 250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507) .....	178.82	27.60
23 34 16 00-0295 EA 470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506) .....	211.41	27.60
23 34 16 00-0296 EA 180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509) .....	156.41	27.60
23 34 16 00-0297 EA 270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508) .....	208.04	27.60
23 34 16 00-0298 EA 360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C) .....	360.88	27.60
<b>23 34 16 00-0299 Exhaust Fan Accessories (23 34 16 00-0240)</b>		
<b>23 34 16 00-0300 Exhaust Fan Controls (23 34 16 00-0299)</b>		
23 34 16 00-0301 EA Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57) .....	98.56	17.25
23 34 16 00-0302 EA 60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59).....	69.73	17.25
23 34 16 00-0303 EA 60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61) .....	70.42	17.25
<b>23 34 16 00-0304 Roof And Wall Caps For Exhaust Fans (23 34 16 00-0299)</b>		
<b>23 34 16 00-0305 Wall Caps For Exhaust Fans (23 34 16 00-0304)</b>		
23 34 16 00-0306 EA Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613) .....	157.37	34.16
23 34 16 00-0307 EA Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643) .....	159.64	34.16
<b>23 34 16 00-0308 Roof Caps For Exhaust Fans (23 34 16 00-0304)</b>		
Note: Includes flashing and built in bird screen.		
23 34 16 00-0309 EA Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611) .....	133.95	34.16
23 34 16 00-0310 EA Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612) .....	192.88	34.16
23 34 16 00-0311 EA CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636) .....	88.65	34.16
23 34 16 00-0312 EA CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634) .....	106.33	34.16
<b>23 34 16 00-0313 Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan (23 34 16 00-0240)</b>		
Note: Includes storage and cleaning.		
23 34 16 00-0314 EA Remove And Reinstall Light Duty Ceiling Exhaust Fan .....	47.19	
<b>23 34 23 HVAC Power Ventilators (23 34)</b>		
<b>23 34 23 00-0001 Power Roof Ventilators (23 34 23)</b>		
<b>23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)</b>		
Note: Greenheck G.		
23 34 23 00-0003 EA 1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	439.17	89.98
Note: Three speed motor.		
For 12" Roof Curb, Add	118.09	
For Backdraft Damper, Add	63.02	
For Solid State Speed Control, Add	61.58	
For Damper Motor, Add	108.11	
23 34 23 00-0004 EA 1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	495.88	101.93
Note: Three speed motor.		
For 12" Roof Curb, Add	118.09	
For Backdraft Damper, Add	63.02	
For Solid State Speed Control, Add	61.58	
For Damper Motor, Add	108.11	
23 34 23 00-0005 EA 1/8 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	716.66	118.92
For 12" Roof Curb, Add	121.40	
For Backdraft Damper, Add	68.17	
For Solid State Speed Control, Add	61.58	
For Damper Motor, Add	108.11	
23 34 23 00-0006 EA 1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	753.38	134.03
For 12" Roof Curb, Add	121.40	
For Backdraft Damper, Add	68.17	
For Solid State Speed Control, Add	61.58	
For Damper Motor, Add	108.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0007 EA 1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster ..... <i>For Solid State Speed Control, Add</i> <i>For Damper Motor, Add</i>	952.08 61.58 108.11	147.87
23 34 23 00-0008 EA 1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster ..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Solid State Speed Control, Add</i> <i>For Damper Motor, Add</i>	1,061.40 126.92 77.31 95.77 108.11	157.31
<b>23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters</b> (23 34 23 00-0001) Note: Greenheck GB.		
23 34 23 00-0010 EA 1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	933.52 121.40 68.17 108.11	134.03
23 34 23 00-0011 EA 1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	1,020.58 126.92 77.31 108.11	170.52
23 34 23 00-0012 EA 1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	1,396.66 126.92 77.31 108.11	203.24
23 34 23 00-0013 EA 3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	1,785.40 153.39 95.46 108.11	251.70
23 34 23 00-0014 EA 1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	2,364.53 165.53 103.61 108.11	314.61
23 34 23 00-0015 EA 1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	3,126.43 184.28 114.75 108.11	393.27
23 34 23 00-0016 EA 2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	3,152.90 184.28 114.75 108.11	393.27
23 34 23 00-0017 EA 3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	3,438.63 184.28 114.75 108.11	393.27
23 34 23 00-0018 EA 5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster..... <i>For 12" Roof Curb, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i>	3,446.29 184.28 114.75 108.11	393.27
<b>23 34 23 00-0019 Propeller Exhaust Fans, Roof Mounted Upblast</b> (23 34 23 00-0001) Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020 EA 30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure .....	4,995.09	483.88
23 34 23 00-0021 EA 36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure .....	8,244.22	629.04
<b>23 34 23 00-0022 Belt Drive Supply Fans</b> (23 34 23 00-0001)		
23 34 23 00-0023 EA 4,500 CFM, 24" x 24" Supply Fan, Roof Mounted .....	1,952.27	251.25
23 34 23 00-0024 EA 10,000 CFM, 36" x 36" Supply Fan, Roof Mounted .....	2,647.45	314.55
<b>23 34 23 00-0025 Fan Thermostat</b> (23 34 23 00-0001)		
23 34 23 00-0026 EA 50 To 120 Degree Line Voltage Fan Thermostat.....	76.99	
<b>23 34 23 00-0027 Tube Axial Upblast Direct Drive Rooftop Exhaust Fan</b> (23 34 23 00-0001)		
23 34 23 00-0028 EA 22500 CFM Tube Axial Upblast Rooftop Exhaust Fan ..... Note: Direct drive, 2 HP at 1/8" static pressure. Fan has spark resistant construction. Includes roof curb and explosion proof motor.	4,748.51	162.38
<b>23 34 23 00-0029 Power Wall Ventilators</b> (23 34 23)		
<b>23 34 23 00-0030 Centrifugal Sidewall Exhausters</b> (23 34 23 00-0029)		
<b>23 34 23 00-0031 Direct Drive, Aluminum, Centrifugal Sidewall Exhauster</b> (23 34 23 00-0030) Note: Greenheck CW.		
23 34 23 00-0032 EA 1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster ..... <i>For Solid State Speed Control, Add</i> <i>For Backdraft Damper, Add</i> <i>For Damper Motor, Add</i> <i>For Interior Wall Grill, Add</i>	525.85 95.77 82.73 178.46 72.49	101.31

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0033	EA		1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster .....	602.39	118.92
			<i>For Solid State Speed Control, Add</i>	95.77	
			<i>For Backdraft Damper, Add</i>	91.88	
			<i>For Damper Motor, Add</i>	178.46	
			<i>For Interior Wall Grill, Add</i>	86.35	
23 34 23 00-0034	EA		1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster .....	920.87	134.03
			<i>For Solid State Speed Control, Add</i>	95.77	
			<i>For Backdraft Damper, Add</i>	104.02	
			<i>For Damper Motor, Add</i>	178.46	
			<i>For Interior Wall Grill, Add</i>	100.22	
<b>23 34 23 00-0035</b>			<b>Belt Drive, Aluminum, Centrifugal Sidewall Exhausters</b> <small>(23 34 23 00-0030)</small>		
			Note: Greenheck CWB.		
23 34 23 00-0036	EA		1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	1,359.65	75.83
			<i>For Solid State Speed Control, Add</i>	95.77	
			<i>For Backdraft Damper, Add</i>	97.76	
			<i>For Damper Motor, Add</i>	178.46	
			<i>For Interior Wall Grill, Add</i>	152.70	
23 34 23 00-0037	EA		1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	1,436.14	85.39
			<i>For Solid State Speed Control, Add</i>	95.77	
			<i>For Backdraft Damper, Add</i>	97.76	
			<i>For Damper Motor, Add</i>	178.46	
			<i>For Interior Wall Grill, Add</i>	152.70	
23 34 23 00-0038	EA		3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	1,764.12	97.68
			<i>For Solid State Speed Control, Add</i>	95.77	
			<i>For Backdraft Damper, Add</i>	121.63	
			<i>For Damper Motor, Add</i>	178.46	
			<i>For Interior Wall Grill, Add</i>	177.60	
<b>23 34 33</b>			<b>Air Curtains</b> <small>(23 34)</small>		
23 34 33 00-0001			<b>Unheated Air Curtains For Entrances</b> <small>(23 34 33)</small>		
23 34 33 00-0002			<b>Unheated Air Curtains, Standard Velocity</b> <small>(23 34 33 00-0001)</small>		
23 34 33 00-0003	EA		Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated.....	1,555.94	461.23
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
			<i>For Flat Side Extension Plates, Add</i>	122.38	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0004	EA		Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated.....	1,581.14	461.23
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
			<i>For Flat Side Extension Plates, Add</i>	122.38	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0005	EA		Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated.....	1,608.44	461.23
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
			<i>For Flat Side Extension Plates, Add</i>	122.38	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0006	EA		Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated.....	2,059.94	461.23
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
			<i>For Flat Side Extension Plates, Add</i>	122.38	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0007	EA		Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	2,321.58	553.73
			Note: Includes housing, mounting brackets and manual controls.		
			<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
			<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
			<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
			<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
			<i>For Flat Side Extension Plates, Add</i>	122.38	
			<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
			<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
			<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0008 EA Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	2,479.08	553.73
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0009 EA Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	2,734.15	638.67
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0010 EA Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated.....	3,363.10	638.67
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0011 EA Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated.....	3,442.90	638.67
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0012 EA Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated.....	3,655.00	638.67
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i>	271.95	
<i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i>	202.02	
<i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i>	310.80	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
<b>23 34 33 00-0013 Unheated Air Curtains, High Velocity</b> <small>(23 34 33 00-0001)</small>		
23 34 33 00-0014 EA High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated.....	1,973.84	461.23
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i>	244.76	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0015 EA High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated.....	2,006.39	461.23
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i>	244.76	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0016 EA High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated.....	2,020.04	461.23
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i>	244.76	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	
23 34 33 00-0017 EA High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated.....	2,046.29	461.23
Note: Includes housing, mounting brackets and manual controls.		
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	99.90	
<i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i>	244.76	
<i>For Flat Side Extension Plates, Add</i>	122.38	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	244.76	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	293.71	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	310.02	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0018 EA High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated.....	3,279.18	553.73
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0019 EA High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated.....	3,440.88	553.73
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0020 EA High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated.....	3,636.10	638.67
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0021 EA High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated.....	4,195.75	638.67
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0022 EA High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated.....	4,254.55	638.67
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0023 EA High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated.....	4,483.45	638.67
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0024 Service Window Unheated Air Curtains (23 34 33 00-0001)		
Note: Normal window sizes.		
23 34 33 00-0025 EA Air Curtain For 2.5' x 5' Service Window, Unheated.....	1,262.49	363.70
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0026 Heated Air Curtains For Entrances (23 34 33)		
Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027 EA 60" Heated Air Curtain With 1- 300 MBH Heater.....	2,992.80	406.17
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0028 EA 60" Heated Air Curtain With 1- 400 MBH Heater.....	3,283.50	406.17
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0029 EA 72" Heated Air Curtain With 1- 350 MBH Heater.....	3,590.95	487.34
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0030 EA 72" Heated Air Curtain With 2- 250 MBH Heaters .....	3,939.79	487.34
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0031 EA 96" Heated Air Curtain With 1- 400 MBH Heater .....	4,787.39	649.69
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0032 EA 96" Heated Air Curtain With 2- 350 MBH Heaters .....	5,252.51	649.69
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0033 EA 117" Heated Air Curtain With 2- 300 MBH Heaters .....	5,834.07	791.57
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0034 EA 117" Heated Air Curtain With 2- 400 MBH Heaters .....	6,400.93	791.57
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0035 EA 147" Heated Air Curtain With 2- 350 MBH Heaters .....	7,330.34	994.51
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0036 EA 147" Heated Air Curtain With 3- 350 MBH Heaters .....	8,740.24	994.51
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0037 EA 168" Heated Air Curtain With 2- 400 MBH Heaters .....	8,377.93	1,136.70
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0038 EA 168" Heated Air Curtain With 3- 400 MBH Heaters .....	9,988.89	1,136.70
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0039 EA 192" Heated Air Curtain With 2- 400 MBH Heaters .....	9,572.64	1,299.05
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0040 EA 192" Heated Air Curtain With 4- 350 MBH Heaters .....	11,413.74	1,299.05
For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
For Flat Side Extension Plates, Add	122.38	
For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	

**23 35 Special Exhaust Systems** (23 30)

See CSI section 23 31 13 16-0063 for spiral duct/piping.

**23 35 16 Engine Exhaust Systems** (23 35)

**23 35 16 16 Mechanical Engine Exhaust Systems** (23 35 16)

23 35 16 16-0001	Overhead Tailpipe Exhaust System <small>(23 35 16 16)</small>		
23 35 16 16-0002	Overhead Tailpipe Exhaust Blowers <small>(23 35 16 16-0001)</small>		
23 35 16 16-0003	Overhead Direct Drive Tailpipe Exhaust Blowers <small>(23 35 16 16-0002)</small>		
23 35 16 16-0004	EA 495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,211.83	134.03
23 35 16 16-0005	EA 1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,526.09	273.72
23 35 16 16-0006	EA 1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System .....	3,529.95	331.60
23 35 16 16-0007	Overhead Belt Drive Tailpipe Exhaust Blowers <small>(23 35 16 16-0002)</small>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....		2,453.91	273.72
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....		2,602.81	331.60
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....		3,079.24	524.78
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....		3,758.52	677.06
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....		4,763.60	806.67
<b>23 35 16 16-0013</b>		<b>Spiral Exhaust Duct Accessories</b> <small>(23 35 16 16-0001)</small>			
<b>23 35 16 16-0014</b>		<b>Flex Hose x Length</b> <small>(23 35 16 16-0013)</small>			
		Note: Includes duct coupler, damper and tailpipe adapter.			
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		129.91	33.34
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		100.84	33.34
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		195.78	52.86
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		147.20	52.86
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		258.13	83.69
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		240.74	83.69
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		384.11	132.76
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		347.53	132.76
<b>23 35 16 16-0023</b>		<b>Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter</b> <small>(23 35 16 16-0013)</small>			
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		153.10	33.34
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		212.71	52.86
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		119.61	33.34
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....		163.02	52.86
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....		1,661.33	44.93
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....		1,361.94	82.43
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....		1,519.40	82.43
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....		69.86	6.42
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....		79.53	6.42
<b>23 35 16 16-0033</b>		<b>Flexible Hose</b> <small>(23 35 16 16-0013)</small>			
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing.....		20.65	1.57
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing.....		26.24	1.77
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing.....		31.15	1.83
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing.....		36.74	1.95
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing .....		11.91	1.57
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing .....		13.96	1.77
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing .....		15.98	1.83
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing .....		17.81	1.95
<b>23 35 16 16-0042</b>		<b>Accessories</b> <small>(23 35 16 16-0001)</small>			
23 35 16 16-0043	EA	3" Tail Pipe Adapter .....		57.50	4.72
23 35 16 16-0044	EA	4" Tail Pipe Adapter .....		59.42	4.72
23 35 16 16-0045	EA	5" Tail Pipe Adapter .....		62.60	5.35
23 35 16 16-0046	EA	3" Bullnose (Guide).....		30.86	3.15
23 35 16 16-0047	EA	4" Bullnose (Guide).....		32.55	3.46
23 35 16 16-0048	EA	5" Bullnose (Guide).....		34.57	3.77
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware .....		200.73	35.68
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope .....		0.16	
<b>23 35 19</b>		<b>Fume Exhaust</b> <small>(23 35)</small>			
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle .....		1,516.73	251.50
23 35 19 00-0002	EA	Hose Extension Kit 5' .....		236.88	55.87
<b>23 36</b>		<b>Air Terminal Units</b> <small>(23 30)</small>			
<b>23 36 13</b>		<b>Constant-Air-Volume Units</b> <small>(23 36)</small>			
<b>23 36 13 00-0001</b>		<b>Vertical Units, With Electric Heating Coils</b> <small>(23 36 13)</small>			
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils .....		1,361.61	90.63
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils .....		1,647.99	97.60
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils .....		1,760.83	101.09
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils .....		1,880.67	108.06
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils .....		2,130.52	111.55
<b>23 36 13 00-0007</b>		<b>Horizontal Units, With Electric Heating Coils</b> <small>(23 36 13)</small>			
23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils .....		1,143.76	90.63
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils .....		1,375.56	97.60
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils .....		1,653.23	102.84
<b>23 36 13 00-0011</b>		<b>Duct Boxes, Constant Volume Control</b> <small>(23 36 13)</small>			





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 36 13 00-0012</b> <b>Single Duct Boxes, Constant Volume Control</b> <small>(23 36 13 00-001)</small>		
23 36 13 00-0013    EA    4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control .....	817.21	25.96
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0014    EA    6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control .....	904.64	28.01
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0015    EA    7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control .....	939.25	30.74
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0016    EA    9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control .....	956.10	32.11
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0017    EA    12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control .....	969.34	35.52
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0018    EA    14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control .....	1,108.78	39.62
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0019    EA    16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control .....	1,162.44	44.40
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0020    EA    20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control .....	1,231.73	53.28
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0021    EA    24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control .....	1,300.45	61.48
<i>For Boxes With Motor, Add</i>	20.00	
<b>23 36 13 00-0022</b> <b>Dual Duct Boxes, Constant Volume Control</b> <small>(23 36 13 00-001)</small>		
23 36 13 00-0023    EA    4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control .....	1,153.46	25.96
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0024    EA    6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control .....	1,233.72	28.01
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0025    EA    7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control .....	1,287.03	30.74
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0026    EA    9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control .....	1,340.94	32.11
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0027    EA    12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control .....	1,354.18	35.52
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0028    EA    14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control .....	1,556.57	40.30
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0029    EA    16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control .....	1,701.36	44.40
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0030    EA    20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control .....	1,830.61	53.28
<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0031    EA    24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control .....	1,908.86	61.48
<i>For Boxes With Motor, Add</i>	20.00	
<b>23 36 16</b> <b>Variable-Air-Volume Units</b> <small>(23 36)</small>		
<b>23 36 16 00-0001</b> <b>Variable Volume Terminal Unit</b> <small>(23 36 16)</small>		
Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
<b>23 36 16 00-0002</b> <b>Single Duct Variable Volume Terminal Unit</b> <small>(23 36 16 00-0001)</small>		
Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003    EA    6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	242.27	31.42
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0004    EA    8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	272.10	35.52
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0005    EA    10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	303.89	39.62
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0006    EA    12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	327.62	44.40
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0007    EA    14" Diameter Inlet, 450 - 3,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	448.03	95.56
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0008    EA    16" Diameter Inlet, 580 - 4,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls .....	564.33	113.39
<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0009</b> <b>Single Duct Variable Volume Terminal Unit</b> <small>(23 36 16 00-0001)</small>		
Note: With pneumatic controls.		
23 36 16 00-0010    EA    6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller .....	449.36	31.42
<i>For Hot Water Coils, Add</i>	40.55	
<i>For Pressure Independent Actuator, Add</i>	67.57	
<i>For Fan Powered Variable Air Volume Box, Add</i>	428.42	
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0011    EA    8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller .....	488.90	35.52
<i>For Hot Water Coils, Add</i>	40.55	
<i>For Pressure Independent Actuator, Add</i>	67.57	
<i>For Fan Powered Variable Air Volume Box, Add</i>	459.47	
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0012    EA    10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller .....	516.95	39.62
<i>For Hot Water Coils, Add</i>	40.55	
<i>For Pressure Independent Actuator, Add</i>	67.57	
<i>For Fan Powered Variable Air Volume Box, Add</i>	474.86	
<i>For Filters And Frames, Add</i>	6.30	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 36 Air Terminal Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0013	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller .....	544.42	44.40
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Fan Powered Variable Air Volume Box, Add</i>	489.33	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0014	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller.....	644.65	95.56
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Fan Powered Variable Air Volume Box, Add</i>	551.97	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0015	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller.....	777.40	113.39
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Fan Powered Variable Air Volume Box, Add</i>	605.10	
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0016</b>			<b>Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)</b>		
			Note: With analog electronic controls.		
23 36 16 00-0017	EA		6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls .....	707.28	31.42
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0018	EA		8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls .....	740.84	35.52
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0019	EA		10" Diameter Inlet, 165 - 1,400 CFM, Variable Air Volume Box With analog electronic controls .....	772.63	39.62
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0020	EA		12" Diameter Inlet, 235 - 2,000 CFM, Variable Air Volume Box With analog electronic controls .....	814.31	44.40
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0021	EA		14" Diameter Inlet, 320 - 3,000 CFM, Variable Air Volume Box With analog electronic controls .....	915.28	95.56
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0022	EA		16" Diameter Inlet, 420 - 4,000 CFM, Variable Air Volume Box With analog electronic controls .....	930.23	95.56
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0023</b>			<b>Dual Duct Variable Volume Terminal Unit (23 36 16 00-0001)</b>		
			Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA		6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct .....	501.72	62.09
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0025	EA		8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct .....	551.03	70.70
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0026	EA		10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct .....	593.50	79.85
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0027	EA		12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct .....	652.17	89.08
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0028	EA		14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct .....	735.14	102.47
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0029	EA		16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct .....	816.28	122.96
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0030</b>			<b>Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-</b>		
			<b>M) (23 36 16 00-0001)</b>		
23 36 16 00-0031	EA		0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A) .....	323.27	42.70
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0032	EA		0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B) .....	351.03	46.96
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0033	EA		0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C) .....	379.52	51.23
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0034	EA		0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D) .....	408.81	55.51
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0035	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E) .....	438.99	59.77
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0036	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F) .....	470.04	64.04
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0037	EA		0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G) .....	504.61	68.31
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0038	EA		0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H) .....	537.89	72.58
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0039	EA		0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J) .....	572.30	76.85
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0040	EA		0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K) .....	607.91	81.12
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0041	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L) .....	644.84	85.39
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0042	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) .....	683.14	89.65
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0043	EA		0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N) .....	722.93	93.93
			<i>For Filters And Frames, Add</i>	6.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P).....	760.89	98.19
		<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R).....	803.72	102.47
		<i>For Filters And Frames, Add</i>	6.30	

**23 37 Air Outlets And Inlets** (23 30)

**23 37 13 Diffusers, Registers, And Grilles** (23 37)

**23 37 13 00-0001 Wall And Floor Diffusers** (23 37 13)

**23 37 13 00-0002 Slot Type Linear Diffusers** (23 37 13 00-0001)

Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.

23 37 13 00-0003	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	29.93	3.42
		<i>For Stainless Steel, Add</i>	20.25	
		<i>For Floor Mounted Diffusers, Add</i>	4.67	
		<i>For 3/4" Border, Add</i>	3.90	
23 37 13 00-0004	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling.....	36.47	4.09
		<i>For Stainless Steel, Add</i>	27.00	
		<i>For Floor Mounted Diffusers, Add</i>	6.23	
		<i>For 3/4" Border, Add</i>	5.19	
23 37 13 00-0005	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling.....	50.49	4.78
		<i>For Stainless Steel, Add</i>	42.54	
		<i>For Floor Mounted Diffusers, Add</i>	9.82	
		<i>For 3/4" Border, Add</i>	8.18	
23 37 13 00-0006	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling.....	66.54	4.78
		<i>For Stainless Steel, Add</i>	60.76	
		<i>For Floor Mounted Diffusers, Add</i>	14.02	
		<i>For 3/4" Border, Add</i>	11.69	
23 37 13 00-0007	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling.....	83.33	5.47
		<i>For Stainless Steel, Add</i>	79.00	
		<i>For Floor Mounted Diffusers, Add</i>	18.23	
		<i>For 3/4" Border, Add</i>	15.19	
23 37 13 00-0008	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling.....	97.61	6.83
		<i>For Stainless Steel, Add</i>	93.17	
		<i>For Floor Mounted Diffusers, Add</i>	21.50	
		<i>For 3/4" Border, Add</i>	17.92	

**23 37 13 00-0009 Linear Bar Grilles And Registers** (23 37 13 00-0001)

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 00-0010	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	91.01	4.09
		<i>For Floor Mount, Add</i>	7.53	
		<i>For Stainless Steel, Add</i>	97.90	
		<i>For Opposed Blade Damper, Add</i>	15.06	
23 37 13 00-0011	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling.....	108.66	4.78
		<i>For Floor Mount, Add</i>	9.09	
		<i>For Stainless Steel, Add</i>	118.16	
		<i>For Opposed Blade Damper, Add</i>	18.18	
23 37 13 00-0012	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling.....	118.48	4.78
		<i>For Floor Mount, Add</i>	9.87	
		<i>For Stainless Steel, Add</i>	128.28	
		<i>For Opposed Blade Damper, Add</i>	19.74	
23 37 13 00-0013	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling.....	145.39	6.83
		<i>For Floor Mount, Add</i>	11.95	
		<i>For Stainless Steel, Add</i>	155.29	
		<i>For Opposed Blade Damper, Add</i>	23.89	
23 37 13 00-0014	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling.....	201.03	8.88
		<i>For Floor Mount, Add</i>	16.62	
		<i>For Stainless Steel, Add</i>	216.06	
		<i>For Opposed Blade Damper, Add</i>	33.24	
23 37 13 00-0015	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling.....	231.97	10.25
		<i>For Floor Mount, Add</i>	18.96	
		<i>For Stainless Steel, Add</i>	246.44	
		<i>For Opposed Blade Damper, Add</i>	37.91	

**23 37 13 00-0016 Ceiling Diffusers** (23 37 13)

**23 37 13 00-0017 Ceiling Diffusers With Perforated Face** (23 37 13 00-0016)

Note: Flush mount, aluminum construction, includes damper.

23 37 13 00-0018	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	65.46	8.88
		<i>For Diffuser Without Damper, Deduct</i>	-6.07	
		<i>For Steel Construction, Deduct</i>	-4.55	
		<i>For Surface Mount, Deduct</i>	-3.64	
		<i>For Stainless Steel, Add</i>	75.83	
23 37 13 00-0019	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	72.20	8.88
		<i>For Diffuser Without Damper, Deduct</i>	-7.41	
		<i>For Steel Construction, Deduct</i>	-5.56	
		<i>For Surface Mount, Deduct</i>	-4.45	
		<i>For Stainless Steel, Add</i>	92.68	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0020	EA		9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	72.20	8.88
			<i>For Diffuser Without Damper, Deduct</i>	-7.41	
			<i>For Steel Construction, Deduct</i>	-5.56	
			<i>For Surface Mount, Deduct</i>	-4.45	
			<i>For Stainless Steel, Add</i>	92.68	
23 37 13 00-0021	EA		10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	86.77	10.93
			<i>For Diffuser Without Damper, Deduct</i>	-8.87	
			<i>For Steel Construction, Deduct</i>	-6.66	
			<i>For Surface Mount, Deduct</i>	-5.32	
			<i>For Stainless Steel, Add</i>	110.93	
23 37 13 00-0022	EA		12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	86.77	10.25
			<i>For Diffuser Without Damper, Deduct</i>	-8.87	
			<i>For Steel Construction, Deduct</i>	-6.66	
			<i>For Surface Mount, Deduct</i>	-5.32	
			<i>For Stainless Steel, Add</i>	110.93	
23 37 13 00-0023	EA		16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	99.13	10.25
			<i>For Diffuser Without Damper, Deduct</i>	-11.35	
			<i>For Steel Construction, Deduct</i>	-8.51	
			<i>For Surface Mount, Deduct</i>	-6.81	
			<i>For Stainless Steel, Add</i>	141.83	
23 37 13 00-0024	EA		18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	114.23	13.66
			<i>For Diffuser Without Damper, Deduct</i>	-12.20	
			<i>For Steel Construction, Deduct</i>	-9.15	
			<i>For Surface Mount, Deduct</i>	-7.32	
			<i>For Stainless Steel, Add</i>	152.50	
23 37 13 00-0025	EA		20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	132.05	14.34
			<i>For Diffuser Without Damper, Deduct</i>	-15.23	
			<i>For Steel Construction, Deduct</i>	-11.42	
			<i>For Surface Mount, Deduct</i>	-9.14	
			<i>For Stainless Steel, Add</i>	190.40	
23 37 13 00-0026	EA		24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	149.76	16.40
			<i>For Diffuser Without Damper, Deduct</i>	-16.94	
			<i>For Steel Construction, Deduct</i>	-12.71	
			<i>For Surface Mount, Deduct</i>	-10.16	
			<i>For Lay-In Mount, Deduct</i>	-10.16	
			<i>For Stainless Steel, Add</i>	211.75	
<b>23 37 13 00-0027</b>			<b>Ceiling Diffusers With Louver Face</b> <small>(23 37 13 00-0016)</small>		
			Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 00-0028	EA		6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	67.71	8.88
			<i>For Steel Construction, Deduct</i>	-4.89	
			<i>For Flush Mount, Add</i>	4.89	
			<i>For Stainless Steel, Add</i>	81.45	
23 37 13 00-0029	EA		8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	76.47	8.88
			<i>For Steel Construction, Deduct</i>	-6.20	
			<i>For Flush Mount, Add</i>	6.20	
			<i>For Stainless Steel, Add</i>	103.35	
23 37 13 00-0030	EA		9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	76.47	8.88
			<i>For Steel Construction, Deduct</i>	-6.20	
			<i>For Flush Mount, Add</i>	6.20	
			<i>For Stainless Steel, Add</i>	103.35	
23 37 13 00-0031	EA		10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	91.83	10.25
			<i>For Steel Construction, Deduct</i>	-7.41	
			<i>For Flush Mount, Add</i>	7.41	
			<i>For Stainless Steel, Add</i>	123.58	
23 37 13 00-0032	EA		12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	91.83	10.93
			<i>For Steel Construction, Deduct</i>	-7.41	
			<i>For Flush Mount, Add</i>	7.41	
			<i>For Stainless Steel, Add</i>	123.58	
23 37 13 00-0033	EA		24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	118.17	13.66
			<i>For Steel Construction, Deduct</i>	-9.71	
			<i>For Flush Mount, Add</i>	9.71	
			<i>For Stainless Steel, Add</i>	161.78	
23 37 13 00-0034	EA		14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	106.26	13.66
			<i>For Steel Construction, Deduct</i>	-7.92	
			<i>For Flush Mount, Add</i>	7.92	
			<i>For Stainless Steel, Add</i>	132.00	
23 37 13 00-0035	EA		18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	132.45	16.40
			<i>For Steel Construction, Deduct</i>	-10.16	
			<i>For Flush Mount, Add</i>	10.16	
			<i>For Stainless Steel, Add</i>	169.35	
23 37 13 00-0036	EA		21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	152.48	18.44
			<i>For Steel Construction, Deduct</i>	-12.64	
			<i>For Flush Mount, Add</i>	12.64	
			<i>For Stainless Steel, Add</i>	210.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0037 EA 24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	166.36	36.13
<i>For Steel Construction, Deduct</i>	-14.10	
<i>For Flush Mount, Add</i>	14.10	
<i>For Lay-In Mount, Add</i>	18.81	
<i>For Stainless Steel, Add</i>	235.08	
<b>23 37 13 00-0038 Round Ceiling Diffusers With Fixed Pattern</b> <small>(23 37 13 00-0016)</small>		
Note: Aluminum construction.		
23 37 13 00-0039 EA 6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	108.05	8.88
<i>For Steel Construction, Deduct</i>	-21.88	
<i>For Stainless Steel, Add</i>	182.30	
23 37 13 00-0040 EA 8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	111.79	8.88
<i>For Steel Construction, Deduct</i>	-23.00	
<i>For Stainless Steel, Add</i>	191.65	
23 37 13 00-0041 EA 10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	126.54	10.93
<i>For Steel Construction, Deduct</i>	-25.24	
<i>For Stainless Steel, Add</i>	210.35	
23 37 13 00-0042 EA 12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	135.88	10.25
<i>For Steel Construction, Deduct</i>	-28.04	
<i>For Stainless Steel, Add</i>	233.70	
23 37 13 00-0043 EA 14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	193.15	12.29
<i>For Steel Construction, Deduct</i>	-43.19	
<i>For Stainless Steel, Add</i>	359.93	
23 37 13 00-0044 EA 16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	203.61	12.98
<i>For Steel Construction, Deduct</i>	-45.71	
<i>For Stainless Steel, Add</i>	380.95	
23 37 13 00-0045 EA 18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	214.25	13.66
<i>For Steel Construction, Deduct</i>	-48.24	
<i>For Stainless Steel, Add</i>	401.98	
23 37 13 00-0046 EA 20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	247.01	13.66
<i>For Steel Construction, Deduct</i>	-57.34	
<i>For Stainless Steel, Add</i>	477.80	
23 37 13 00-0047 EA 24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	294.15	15.71
<i>For Steel Construction, Deduct</i>	-69.80	
<i>For Stainless Steel, Add</i>	581.68	
23 37 13 00-0048 EA 28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	330.62	16.40
<i>For Steel Construction, Deduct</i>	-79.77	
<i>For Stainless Steel, Add</i>	664.78	
23 37 13 00-0049 EA 32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction .....	394.33	18.44
<i>For Steel Construction, Deduct</i>	-96.60	
<i>For Stainless Steel, Add</i>	805.00	
<b>23 37 13 00-0050 Round Ceiling Diffusers With Adjustable Pattern Dropped Style</b> <small>(23 37 13 00-0016)</small>		
Note: Aluminum construction.		
23 37 13 00-0051 EA 6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	113.66	8.88
<i>For Steel Construction, Deduct</i>	-7.85	
<i>For Flush Mount, Deduct</i>	-3.93	
<i>For Stainless Steel, Add</i>	196.33	
23 37 13 00-0052 EA 8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	123.32	8.88
<i>For Steel Construction, Deduct</i>	-8.82	
<i>For Flush Mount, Deduct</i>	-4.41	
<i>For Stainless Steel, Add</i>	220.48	
23 37 13 00-0053 EA 10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	140.04	10.93
<i>For Steel Construction, Deduct</i>	-9.76	
<i>For Flush Mount, Deduct</i>	-4.88	
<i>For Stainless Steel, Add</i>	244.10	
23 37 13 00-0054 EA 12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	150.84	10.93
<i>For Steel Construction, Deduct</i>	-10.84	
<i>For Flush Mount, Deduct</i>	-5.42	
<i>For Stainless Steel, Add</i>	271.10	
23 37 13 00-0055 EA 14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	217.45	12.29
<i>For Steel Construction, Deduct</i>	-16.83	
<i>For Flush Mount, Deduct</i>	-8.41	
<i>For Stainless Steel, Add</i>	420.68	
23 37 13 00-0056 EA 16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	184.92	12.98
<i>For Steel Construction, Deduct</i>	-17.98	
<i>For Flush Mount, Deduct</i>	-8.99	
<i>For Stainless Steel, Add</i>	449.50	
23 37 13 00-0057 EA 18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	244.79	13.66
<i>For Steel Construction, Deduct</i>	-19.13	
<i>For Flush Mount, Deduct</i>	-9.57	
<i>For Stainless Steel, Add</i>	478.33	
23 37 13 00-0058 EA 20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	283.37	14.34
<i>For Steel Construction, Deduct</i>	-22.75	
<i>For Flush Mount, Deduct</i>	-11.37	
<i>For Stainless Steel, Add</i>	568.70	
23 37 13 00-0059 EA 24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	319.91	15.71
<i>For Steel Construction, Deduct</i>	-25.84	
<i>For Flush Mount, Deduct</i>	-12.92	
<i>For Stainless Steel, Add</i>	646.08	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0060 EA 28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	386.71	16.40
For Steel Construction, Deduct	-32.20	
For Flush Mount, Deduct	-16.10	
For Stainless Steel, Add	805.00	
23 37 13 00-0061 EA 32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	465.17	18.44
For Steel Construction, Deduct	-39.28	
For Flush Mount, Deduct	-19.64	
For Stainless Steel, Add	982.10	
23 37 13 00-0062 EA 36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	514.99	38.46
For Stainless Steel, Add	1,095.35	
<b>23 37 13 00-0063 Linear Type Ceiling Diffusers With 2-Way Air Deflection (23 37 13 00-0016)</b>		
23 37 13 00-0064 LF 4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection.....	88.16	10.25
For Stainless Steel, Add	117.95	
23 37 13 00-0065 LF 6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection.....	94.58	10.25
For Stainless Steel, Add	134.00	
23 37 13 00-0066 LF 9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection.....	102.47	10.25
For Stainless Steel, Add	153.73	
23 37 13 00-0067 LF 12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection.....	110.16	10.25
For Stainless Steel, Add	172.95	
<b>23 37 13 00-0068 Return/Exhaust Registers And Grilles (23 37 13)</b>		
<b>23 37 13 00-0069 Return/Exhaust Registers With Frame (23 37 13 00-0068)</b>		
Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 00-0070 EA 8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	63.01	5.47
For Cube Core Lay In, Add	8.36	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-16.72	
For Cube Core With Frame, Add	4.18	
For Steel Construction, Deduct	-8.36	
For Stainless Steel, Add	104.53	
23 37 13 00-0071 EA 8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	72.10	5.47
For Cube Core Lay In, Add	10.18	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-20.36	
For Cube Core With Frame, Add	5.09	
For Steel Construction, Deduct	-10.18	
For Stainless Steel, Add	127.25	
23 37 13 00-0072 EA 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	80.95	6.15
For Cube Core Lay In, Add	11.27	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-22.54	
For Cube Core With Frame, Add	5.64	
For Steel Construction, Deduct	-11.27	
For Stainless Steel, Add	140.88	
23 37 13 00-0073 EA 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	84.94	6.83
For Cube Core Lay In, Add	11.27	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-22.54	
For Cube Core With Frame, Add	5.64	
For Steel Construction, Deduct	-11.27	
For Stainless Steel, Add	140.88	
23 37 13 00-0074 EA 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	81.30	6.83
For Cube Core Lay In, Add	10.54	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-21.08	
For Cube Core With Frame, Add	5.27	
For Steel Construction, Deduct	-10.54	
For Stainless Steel, Add	131.78	
23 37 13 00-0075 EA 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	104.21	8.88
For Cube Core Lay In, Add	13.82	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-27.63	
For Cube Core With Frame, Add	6.91	
For Steel Construction, Deduct	-13.82	
For Stainless Steel, Add	172.70	
23 37 13 00-0076 EA 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	124.87	10.25
For Cube Core Lay In, Add	16.49	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-32.99	
For Cube Core With Frame, Add	8.25	
For Steel Construction, Deduct	-16.49	
For Stainless Steel, Add	206.18	
23 37 13 00-0077 EA 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	152.79	12.29
For Cube Core Lay In, Add	20.72	
For Removable Core, Add	35.00	
For Grilles (No Damper), Deduct	-41.44	
For Cube Core With Frame, Add	10.36	
For Steel Construction, Deduct	-20.72	
For Stainless Steel, Add	259.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0078 EA 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	178.93	13.66
<i>For Cube Core Lay In, Add</i>	25.09	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-50.19	
<i>For Cube Core With Frame, Add</i>	12.55	
<i>For Steel Construction, Deduct</i>	-25.09	
<i>For Stainless Steel, Add</i>	313.68	
23 37 13 00-0079 EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	160.83	13.66
<i>For Cube Core Lay In, Add</i>	20.99	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-41.98	
<i>For Cube Core With Frame, Add</i>	10.49	
<i>For Steel Construction, Deduct</i>	-20.99	
<i>For Stainless Steel, Add</i>	262.35	
23 37 13 00-0080 EA 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	183.13	13.66
<i>For Cube Core Lay In, Add</i>	25.45	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-50.90	
<i>For Cube Core With Frame, Add</i>	12.72	
<i>For Steel Construction, Deduct</i>	-25.45	
<i>For Stainless Steel, Add</i>	318.10	
23 37 13 00-0081 EA 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	193.36	15.71
<i>For Cube Core Lay In, Add</i>	26.38	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-52.75	
<i>For Cube Core With Frame, Add</i>	13.19	
<i>For Steel Construction, Deduct</i>	-26.38	
<i>For Stainless Steel, Add</i>	329.70	
23 37 13 00-0082 EA 30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	204.87	16.40
<i>For Cube Core Lay In, Add</i>	28.03	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-56.06	
<i>For Cube Core With Frame, Add</i>	14.02	
<i>For Steel Construction, Deduct</i>	-28.03	
<i>For Stainless Steel, Add</i>	350.40	
23 37 13 00-0083 EA 30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	235.92	18.44
<i>For Cube Core Lay In, Add</i>	32.72	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-65.44	
<i>For Cube Core With Frame, Add</i>	16.36	
<i>For Steel Construction, Deduct</i>	-32.72	
<i>For Stainless Steel, Add</i>	408.98	
23 37 13 00-0084 EA 30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	264.87	21.86
<i>For Cube Core Lay In, Add</i>	35.41	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-70.82	
<i>For Cube Core With Frame, Add</i>	17.70	
<i>For Steel Construction, Deduct</i>	-35.41	
<i>For Stainless Steel, Add</i>	442.60	
23 37 13 00-0085 EA 30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	341.84	21.86
<i>For Cube Core Lay In, Add</i>	50.80	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-101.60	
<i>For Cube Core With Frame, Add</i>	25.40	
<i>For Steel Construction, Deduct</i>	-50.80	
<i>For Stainless Steel, Add</i>	635.03	
23 37 13 00-0086 EA 36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	285.83	23.91
<i>For Cube Core Lay In, Add</i>	38.25	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-76.50	
<i>For Cube Core With Frame, Add</i>	19.13	
<i>For Steel Construction, Deduct</i>	-38.25	
<i>For Stainless Steel, Add</i>	478.13	
23 37 13 00-0087 EA 36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	278.52	23.23
<i>For Cube Core Lay In, Add</i>	36.79	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-73.58	
<i>For Cube Core With Frame, Add</i>	18.39	
<i>For Steel Construction, Deduct</i>	-36.79	
<i>For Stainless Steel, Add</i>	459.85	
23 37 13 00-0088 EA 36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	316.68	25.96
<i>For Cube Core Lay In, Add</i>	42.84	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-85.68	
<i>For Cube Core With Frame, Add</i>	21.42	
<i>For Steel Construction, Deduct</i>	-42.84	
<i>For Stainless Steel, Add</i>	535.53	
23 37 13 00-0089 EA 36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	427.05	28.01
<i>For Cube Core Lay In, Add</i>	63.05	
<i>For Removable Core, Add</i>	35.00	
<i>For Grilles (No Damper), Deduct</i>	-126.11	
<i>For Cube Core With Frame, Add</i>	31.53	
<i>For Steel Construction, Deduct</i>	-63.05	
<i>For Stainless Steel, Add</i>	788.18	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0090	EA		24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	190.60	15.78
			<i>For Cube Core Lay In, Add</i>	25.51	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Grilles (No Damper), Deduct</i>	-51.02	
			<i>For Cube Core With Frame, Add</i>	12.76	
			<i>For Steel Construction, Deduct</i>	-25.51	
			<i>For Stainless Steel, Add</i>	318.90	
23 37 13 00-0091	EA		32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	344.79	27.93
			<i>For Cube Core Lay In, Add</i>	46.60	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Grilles (No Damper), Deduct</i>	-93.20	
			<i>For Cube Core With Frame, Add</i>	23.30	
			<i>For Steel Construction, Deduct</i>	-46.60	
			<i>For Stainless Steel, Add</i>	582.53	
23 37 13 00-0092	EA		48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	369.85	27.32
			<i>For Cube Core Lay In, Add</i>	53.48	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Grilles (No Damper), Deduct</i>	-106.95	
			<i>For Cube Core With Frame, Add</i>	26.74	
			<i>For Steel Construction, Deduct</i>	-53.48	
			<i>For Stainless Steel, Add</i>	668.45	
<b>23 37 13 00-0093</b>			<b>Return/Exhaust Registers Removable-Reversible (23 37 13 00-0068)</b>		
			Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 00-0094	EA		8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	58.28	5.47
			<i>For Flat Frame, Deduct</i>	-0.37	
			<i>For Steel Construction, Deduct</i>	-3.71	
			<i>For Grilles (No Damper), Deduct</i>	-7.42	
			<i>For Stainless Steel, Add</i>	92.70	
23 37 13 00-0095	EA		8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	58.28	5.47
			<i>For Flat Frame, Deduct</i>	-0.37	
			<i>For Steel Construction, Deduct</i>	-3.71	
			<i>For Grilles (No Damper), Deduct</i>	-7.42	
			<i>For Stainless Steel, Add</i>	92.70	
23 37 13 00-0096	EA		10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	71.50	6.15
			<i>For Flat Frame, Deduct</i>	-0.47	
			<i>For Steel Construction, Deduct</i>	-4.69	
			<i>For Grilles (No Damper), Deduct</i>	-9.38	
			<i>For Stainless Steel, Add</i>	117.25	
23 37 13 00-0097	EA		10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	82.03	7.51
			<i>For Flat Frame, Deduct</i>	-0.53	
			<i>For Steel Construction, Deduct</i>	-5.34	
			<i>For Grilles (No Damper), Deduct</i>	-10.69	
			<i>For Stainless Steel, Add</i>	133.60	
23 37 13 00-0098	EA		12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	80.94	6.83
			<i>For Flat Frame, Deduct</i>	-0.52	
			<i>For Steel Construction, Deduct</i>	-5.24	
			<i>For Grilles (No Damper), Deduct</i>	-10.47	
			<i>For Stainless Steel, Add</i>	130.88	
23 37 13 00-0099	EA		12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	104.93	8.88
			<i>For Flat Frame, Deduct</i>	-0.70	
			<i>For Steel Construction, Deduct</i>	-6.98	
			<i>For Grilles (No Damper), Deduct</i>	-13.96	
			<i>For Stainless Steel, Add</i>	174.50	
23 37 13 00-0100	EA		16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	168.55	10.93
			<i>For Flat Frame, Deduct</i>	-1.26	
			<i>For Steel Construction, Deduct</i>	-12.62	
			<i>For Grilles (No Damper), Deduct</i>	-25.23	
			<i>For Stainless Steel, Add</i>	315.38	
23 37 13 00-0101	EA		18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	202.96	12.29
			<i>For Flat Frame, Deduct</i>	-1.54	
			<i>For Steel Construction, Deduct</i>	-15.38	
			<i>For Grilles (No Damper), Deduct</i>	-30.76	
			<i>For Stainless Steel, Add</i>	384.45	
23 37 13 00-0102	EA		20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	229.06	13.66
			<i>For Flat Frame, Deduct</i>	-1.76	
			<i>For Steel Construction, Deduct</i>	-17.56	
			<i>For Grilles (No Damper), Deduct</i>	-35.12	
			<i>For Stainless Steel, Add</i>	439.00	
23 37 13 00-0103	EA		24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	191.13	13.66
			<i>For Flat Frame, Deduct</i>	-1.35	
			<i>For Steel Construction, Deduct</i>	-13.52	
			<i>For Grilles (No Damper), Deduct</i>	-27.05	
			<i>For Stainless Steel, Add</i>	338.10	
23 37 13 00-0104	EA		24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	256.57	14.34
			<i>For Flat Frame, Deduct</i>	-2.01	
			<i>For Steel Construction, Deduct</i>	-20.07	
			<i>For Grilles (No Damper), Deduct</i>	-40.14	
			<i>For Stainless Steel, Add</i>	501.70	
23 37 13 00-0105	EA		24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	299.24	15.71
			<i>For Flat Frame, Deduct</i>	-2.38	
			<i>For Steel Construction, Deduct</i>	-23.78	
			<i>For Grilles (No Damper), Deduct</i>	-47.55	
			<i>For Stainless Steel, Add</i>	594.40	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0106 EA 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	230.49	16.40
For Flat Frame, Deduct	-1.66	
For Steel Construction, Deduct	-16.58	
For Grilles (No Damper), Deduct	-33.16	
For Stainless Steel, Add	414.45	
23 37 13 00-0107 EA 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	316.64	18.44
For Flat Frame, Deduct	-2.44	
For Steel Construction, Deduct	-24.43	
For Grilles (No Damper), Deduct	-48.86	
For Stainless Steel, Add	610.78	
23 37 13 00-0108 EA 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	381.22	21.86
For Flat Frame, Deduct	-2.93	
For Steel Construction, Deduct	-29.34	
For Grilles (No Damper), Deduct	-58.68	
For Stainless Steel, Add	733.48	
23 37 13 00-0109 EA 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	436.29	21.86
For Flat Frame, Deduct	-3.48	
For Steel Construction, Deduct	-34.85	
For Grilles (No Damper), Deduct	-69.69	
For Stainless Steel, Add	871.15	
23 37 13 00-0110 EA 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	298.53	23.23
For Flat Frame, Deduct	-2.04	
For Steel Construction, Deduct	-20.40	
For Grilles (No Damper), Deduct	-40.79	
For Stainless Steel, Add	509.88	
23 37 13 00-0111 EA 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	403.24	23.23
For Flat Frame, Deduct	-3.09	
For Steel Construction, Deduct	-30.87	
For Grilles (No Damper), Deduct	-61.73	
For Stainless Steel, Add	771.65	
23 37 13 00-0112 EA 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	466.75	25.96
For Flat Frame, Deduct	-3.64	
For Steel Construction, Deduct	-36.43	
For Grilles (No Damper), Deduct	-72.86	
For Stainless Steel, Add	910.70	
23 37 13 00-0113 EA 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	545.32	28.01
For Flat Frame, Deduct	-4.34	
For Steel Construction, Deduct	-43.35	
For Grilles (No Damper), Deduct	-86.71	
For Stainless Steel, Add	1,083.85	
23 37 13 00-0114 EA 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	575.85	28.01
For Flat Frame, Deduct	-4.64	
For Steel Construction, Deduct	-46.41	
For Grilles (No Damper), Deduct	-92.81	
For Stainless Steel, Add	1,160.18	
<b>23 37 13 00-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles (23 37 13 00-0068)</b>		
23 37 13 00-0116 EA 6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	31.71	6.67
23 37 13 00-0117 EA 8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	31.71	6.67
23 37 13 00-0118 EA 8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	34.34	6.67
23 37 13 00-0119 EA 8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	35.39	6.67
23 37 13 00-0120 EA 10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	34.34	6.67
23 37 13 00-0121 EA 10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	35.39	6.67
23 37 13 00-0122 EA 10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	42.72	8.75
23 37 13 00-0123 EA 10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	43.77	8.75
23 37 13 00-0124 EA 12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	41.67	8.75
23 37 13 00-0125 EA 12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	43.77	8.75
23 37 13 00-0126 EA 12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	44.82	8.75
23 37 13 00-0127 EA 12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	45.88	8.75
23 37 13 00-0128 EA 14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	44.30	8.75
23 37 13 00-0129 EA 14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	46.40	8.75
23 37 13 00-0130 EA 14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	47.45	8.75
23 37 13 00-0131 EA 14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	52.19	8.75
23 37 13 00-0132 EA 16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	46.40	8.75
23 37 13 00-0133 EA 16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	50.08	8.75
23 37 13 00-0134 EA 16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	52.19	8.75
23 37 13 00-0135 EA 16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	67.41	12.90
23 37 13 00-0136 EA 16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	68.46	12.90
23 37 13 00-0137 EA 18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	66.35	12.90
23 37 13 00-0138 EA 18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	81.06	14.97
23 37 13 00-0139 EA 20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	65.30	12.90
23 37 13 00-0140 EA 20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	86.32	14.97
23 37 13 00-0141 EA 22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	45.35	8.75
23 37 13 00-0142 EA 22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	66.35	12.90
23 37 13 00-0143 EA 22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	96.82	17.05
23 37 13 00-0144 EA 24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	65.30	12.90
23 37 13 00-0145 EA 24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	67.41	12.90
23 37 13 00-0146 EA 24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	77.90	14.97
For Lay-In Installation, Deduct	-31.62	
23 37 13 00-0147 EA 24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	81.06	14.97
23 37 13 00-0148 EA 24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	90.51	17.05
23 37 13 00-0149 EA 24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	93.67	17.05
23 37 13 00-0150 EA 24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	97.35	17.05

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0151	EA		24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	104.18	17.05
			<i>For Lay-In Installation, Deduct</i>	-36.20	
23 37 13 00-0152	EA		30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	79.48	14.97
23 37 13 00-0153	EA		48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	127.62	18.69
23 37 13 00-0154	EA		48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	216.45	22.84
			<i>For Lay-In Installation, Deduct</i>	-52.10	
<b>23 37 13 00-0155</b>			<b>Supply Registers and Grilles</b> <small>(23 37 13)</small>		
<b>23 37 13 00-0156</b>			<b>Adjustable Curved Blade Register</b> <small>(23 37 13 00-0155)</small>		
			Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 00-0157	EA		6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	52.95	5.47
			<i>For Two Way Pattern, Deduct</i>	-2.54	
			<i>For One Way Pattern, Deduct</i>	-2.54	
			<i>For Lay In Frame, Deduct</i>	-7.95	
			<i>For Steel Construction, Deduct</i>	-4.77	
			<i>For Stainless Steel, Add</i>	79.45	
			<i>For Grille (No Damper), Deduct</i>	-4.77	
			<i>For Three Way Pattern, Deduct</i>	-3.18	
23 37 13 00-0158	EA		8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	54.82	5.47
			<i>For Two Way Pattern, Deduct</i>	-2.69	
			<i>For One Way Pattern, Deduct</i>	-2.69	
			<i>For Lay In Frame, Deduct</i>	-8.41	
			<i>For Steel Construction, Deduct</i>	-5.05	
			<i>For Stainless Steel, Add</i>	84.13	
			<i>For Grille (No Damper), Deduct</i>	-5.05	
			<i>For Three Way Pattern, Deduct</i>	-3.37	
23 37 13 00-0159	EA		12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	60.44	7.51
			<i>For Two Way Pattern, Deduct</i>	-2.54	
			<i>For One Way Pattern, Deduct</i>	-2.54	
			<i>For Lay In Frame, Deduct</i>	-7.95	
			<i>For Steel Construction, Deduct</i>	-4.77	
			<i>For Stainless Steel, Add</i>	79.45	
			<i>For Grille (No Damper), Deduct</i>	-4.77	
			<i>For Three Way Pattern, Deduct</i>	-3.18	
23 37 13 00-0160	EA		10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	67.30	6.83
			<i>For Two Way Pattern, Deduct</i>	-3.09	
			<i>For One Way Pattern, Deduct</i>	-3.09	
			<i>For Lay In Frame, Deduct</i>	-9.66	
			<i>For Steel Construction, Deduct</i>	-5.80	
			<i>For Stainless Steel, Add</i>	96.60	
			<i>For Grille (No Damper), Deduct</i>	-5.80	
			<i>For Three Way Pattern, Deduct</i>	-3.86	
23 37 13 00-0161	EA		12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	80.95	8.88
			<i>For Two Way Pattern, Deduct</i>	-3.69	
			<i>For One Way Pattern, Deduct</i>	-3.69	
			<i>For Lay In Frame, Deduct</i>	-11.53	
			<i>For Steel Construction, Deduct</i>	-6.92	
			<i>For Stainless Steel, Add</i>	115.30	
			<i>For Grille (No Damper), Deduct</i>	-6.92	
			<i>For Three Way Pattern, Deduct</i>	-4.61	
23 37 13 00-0162	EA		14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	99.74	10.25
			<i>For Two Way Pattern, Deduct</i>	-4.59	
			<i>For One Way Pattern, Deduct</i>	-4.59	
			<i>For Lay In Frame, Deduct</i>	-14.34	
			<i>For Steel Construction, Deduct</i>	-8.60	
			<i>For Stainless Steel, Add</i>	143.35	
			<i>For Grille (No Damper), Deduct</i>	-8.60	
			<i>For Three Way Pattern, Deduct</i>	-5.73	
23 37 13 00-0163	EA		16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	99.74	10.25
			<i>For Two Way Pattern, Deduct</i>	-4.59	
			<i>For One Way Pattern, Deduct</i>	-4.59	
			<i>For Lay In Frame, Deduct</i>	-14.34	
			<i>For Steel Construction, Deduct</i>	-8.60	
			<i>For Stainless Steel, Add</i>	143.35	
			<i>For Grille (No Damper), Deduct</i>	-8.60	
			<i>For Three Way Pattern, Deduct</i>	-5.73	
23 37 13 00-0164	EA		18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	123.03	13.66
			<i>For Two Way Pattern, Deduct</i>	-5.58	
			<i>For One Way Pattern, Deduct</i>	-5.58	
			<i>For Lay In Frame, Deduct</i>	-17.45	
			<i>For Steel Construction, Deduct</i>	-10.47	
			<i>For Stainless Steel, Add</i>	174.50	
			<i>For Grille (No Damper), Deduct</i>	-10.47	
			<i>For Three Way Pattern, Deduct</i>	-6.98	
23 37 13 00-0165	EA		24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	161.22	14.34
			<i>For Two Way Pattern, Deduct</i>	-8.43	
			<i>For One Way Pattern, Deduct</i>	-8.43	
			<i>For Lay In Frame, Deduct</i>	-26.33	
			<i>For Steel Construction, Deduct</i>	-15.80	
			<i>For Stainless Steel, Add</i>	263.33	
			<i>For Grille (No Damper), Deduct</i>	-15.80	
			<i>For Three Way Pattern, Deduct</i>	-10.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0166 EA 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	260.18	28.96
<i>For Two Way Pattern, Deduct</i>	-16.18	
<i>For One Way Pattern, Deduct</i>	-16.18	
<i>For Lay In Frame, Deduct</i>	-50.56	
<i>For Steel Construction, Deduct</i>	-30.34	
<i>For Stainless Steel, Add</i>	505.60	
<i>For Grille (No Damper), Deduct</i>	-30.34	
<i>For Three Way Pattern, Deduct</i>	-20.22	
<b>23 37 13 00-0167 Removable-Reversible Core Registers</b> <small>(23 37 13 00-0155)</small>		
Note: Double deflection radiused frame aluminum construction.		
23 37 13 00-0168 EA 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	61.06	5.47
<i>For Flat Frame, Deduct</i>	-3.99	
<i>For Stainless Steel, Add</i>	99.73	
<i>For Grille (No Damper), Deduct</i>	-11.97	
<i>For Steel Construction, Deduct</i>	-3.99	
23 37 13 00-0169 EA 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	77.26	5.47
<i>For Flat Frame, Deduct</i>	-5.61	
<i>For Stainless Steel, Add</i>	140.23	
<i>For Grille (No Damper), Deduct</i>	-16.83	
<i>For Steel Construction, Deduct</i>	-5.61	
23 37 13 00-0170 EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	98.46	7.51
<i>For Flat Frame, Deduct</i>	-6.98	
<i>For Stainless Steel, Add</i>	174.50	
<i>For Grille (No Damper), Deduct</i>	-20.94	
<i>For Steel Construction, Deduct</i>	-6.98	
23 37 13 00-0171 EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	99.71	7.51
<i>For Flat Frame, Deduct</i>	-7.11	
<i>For Stainless Steel, Add</i>	177.63	
<i>For Grille (No Damper), Deduct</i>	-21.32	
<i>For Steel Construction, Deduct</i>	-7.11	
23 37 13 00-0172 EA 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	127.07	8.88
<i>For Flat Frame, Deduct</i>	-9.22	
<i>For Stainless Steel, Add</i>	230.60	
<i>For Grille (No Damper), Deduct</i>	-27.67	
<i>For Steel Construction, Deduct</i>	-9.22	
23 37 13 00-0173 EA 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	180.76	10.93
<i>For Flat Frame, Deduct</i>	-13.84	
<i>For Stainless Steel, Add</i>	345.90	
<i>For Grille (No Damper), Deduct</i>	-41.51	
<i>For Steel Construction, Deduct</i>	-13.84	
23 37 13 00-0174 EA 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	203.19	10.25
<i>For Flat Frame, Deduct</i>	-16.08	
<i>For Stainless Steel, Add</i>	401.98	
<i>For Grille (No Damper), Deduct</i>	-48.24	
<i>For Steel Construction, Deduct</i>	-16.08	
23 37 13 00-0175 EA 18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	245.19	13.66
<i>For Flat Frame, Deduct</i>	-19.20	
<i>For Stainless Steel, Add</i>	479.90	
<i>For Grille (No Damper), Deduct</i>	-57.59	
<i>For Steel Construction, Deduct</i>	-19.20	
23 37 13 00-0176 EA 24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	308.92	13.66
<i>For Flat Frame, Deduct</i>	-25.30	
<i>For Stainless Steel, Add</i>	632.58	
<i>For Grille (No Damper), Deduct</i>	-75.91	
<i>For Steel Construction, Deduct</i>	-25.30	
<b>23 37 13 00-0177 Adjustable Shutter Blade Registers</b> <small>(23 37 13 00-0155)</small>		
Note: Double deflection flat frame aluminum construction.		
23 37 13 00-0178 EA 6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	93.88	5.47
<i>For Single Deflection, Deduct</i>	-14.54	
<i>For Steel Construction, Deduct</i>	-7.27	
<i>For Grille (No Damper), Deduct</i>	-10.91	
<i>For Stainless Steel, Add</i>	181.78	
23 37 13 00-0179 EA 8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	108.42	5.47
<i>For Single Deflection, Deduct</i>	-17.45	
<i>For Steel Construction, Deduct</i>	-8.73	
<i>For Grille (No Damper), Deduct</i>	-13.09	
<i>For Stainless Steel, Add</i>	218.13	
23 37 13 00-0180 EA 12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	115.91	7.51
<i>For Single Deflection, Deduct</i>	-17.45	
<i>For Steel Construction, Deduct</i>	-8.73	
<i>For Grille (No Damper), Deduct</i>	-13.09	
<i>For Stainless Steel, Add</i>	218.13	
23 37 13 00-0181 EA 10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	120.07	6.83
<i>For Single Deflection, Deduct</i>	-18.28	
<i>For Steel Construction, Deduct</i>	-9.14	
<i>For Grille (No Damper), Deduct</i>	-13.71	
<i>For Stainless Steel, Add</i>	228.53	
23 37 13 00-0182 EA 12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	147.01	8.88
<i>For Single Deflection, Deduct</i>	-22.44	
<i>For Steel Construction, Deduct</i>	-11.22	
<i>For Grille (No Damper), Deduct</i>	-16.83	
<i>For Stainless Steel, Add</i>	280.45	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0183	EA		14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	196.13	10.25
			<i>For Single Deflection, Deduct</i>	-30.75	
			<i>For Steel Construction, Deduct</i>	-15.37	
			<i>For Grille (No Damper), Deduct</i>	-23.06	
			<i>For Stainless Steel, Add</i>	384.33	
23 37 13 00-0184	EA		16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	231.45	10.93
			<i>For Single Deflection, Deduct</i>	-37.81	
			<i>For Steel Construction, Deduct</i>	-18.91	
			<i>For Grille (No Damper), Deduct</i>	-28.36	
			<i>For Stainless Steel, Add</i>	472.63	
23 37 13 00-0185	EA		18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	285.90	13.66
			<i>For Single Deflection, Deduct</i>	-46.53	
			<i>For Steel Construction, Deduct</i>	-23.27	
			<i>For Grille (No Damper), Deduct</i>	-34.90	
			<i>For Stainless Steel, Add</i>	581.68	
23 37 13 00-0186	EA		24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	394.51	14.34
			<i>For Single Deflection, Deduct</i>	-67.72	
			<i>For Steel Construction, Deduct</i>	-33.86	
			<i>For Grille (No Damper), Deduct</i>	-50.79	
			<i>For Stainless Steel, Add</i>	846.55	
<b>23 37 13 00-0187</b>			<b>Air Conditioning And Ventilation</b> (23 37 13 00-0155)		
23 37 13 00-0188	EA		10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	42.02	14.34
			<i>For Stainless Steel, Add</i>	33.40	
23 37 13 00-0189	EA		18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	69.42	21.35
			<i>For Stainless Steel, Add</i>	66.80	
23 37 13 00-0190	EA		30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	104.30	29.88
			<i>For Stainless Steel, Add</i>	111.33	
23 37 13 00-0191	EA		48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	228.92	40.98
			<i>For Stainless Steel, Add</i>	367.38	
<b>23 37 13 00-0192</b>			<b>Security Supply Or Return Grille</b> (23 37 13 00-0155)		
			Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 00-0193	EA		8" x 4" Steel Security Grille .....	138.77	10.25
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	11.83	
			<i>For 1" x 1" Square Holes On Face, Add</i>	29.57	
			<i>For Angle Iron Frame, Add</i>	19.79	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	43.45	
			<i>For Stainless Steel, Add</i>	153.76	
23 37 13 00-0194	EA		8" x 6" Steel Security Grille .....	153.80	10.59
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	13.26	
			<i>For 1" x 1" Square Holes On Face, Add</i>	33.16	
			<i>For Angle Iron Frame, Add</i>	22.01	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	48.54	
			<i>For Stainless Steel, Add</i>	172.41	
23 37 13 00-0195	EA		8" x 8" Steel Security Grille .....	176.24	11.96
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	15.23	
			<i>For 1" x 1" Square Holes On Face, Add</i>	38.08	
			<i>For Angle Iron Frame, Add</i>	25.24	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	55.71	
			<i>For Stainless Steel, Add</i>	198.03	
23 37 13 00-0196	EA		10" x 4" Steel Security Grille .....	154.06	11.61
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	13.08	
			<i>For 1" x 1" Square Holes On Face, Add</i>	32.71	
			<i>For Angle Iron Frame, Add</i>	21.95	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	48.11	
			<i>For Stainless Steel, Add</i>	170.07	
23 37 13 00-0197	EA		10" x 6" Steel Security Grille .....	164.39	12.30
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	13.98	
			<i>For 1" x 1" Square Holes On Face, Add</i>	34.95	
			<i>For Angle Iron Frame, Add</i>	23.43	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	51.39	
			<i>For Stainless Steel, Add</i>	181.73	
23 37 13 00-0198	EA		10" x 8" Steel Security Grille .....	187.93	13.33
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	16.13	
			<i>For 1" x 1" Square Holes On Face, Add</i>	40.32	
			<i>For Angle Iron Frame, Add</i>	26.86	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	59.12	
			<i>For Stainless Steel, Add</i>	209.68	
23 37 13 00-0199	EA		10" x 10" Steel Security Grille .....	209.70	14.35
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	18.10	
			<i>For 1" x 1" Square Holes On Face, Add</i>	45.25	
			<i>For Angle Iron Frame, Add</i>	30.02	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	66.22	
			<i>For Stainless Steel, Add</i>	235.30	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Air Distribution		<b>23 30</b>
Air Outlets And Inlets		<b>23 37</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0200 EA 12" x 4" Steel Security Grille .....	162.17	12.98
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	13.62	
For 1" x 1" Square Holes On Face, Add	34.05	
For Angle Iron Frame, Add	23.03	
For Rear Operated Opposed Blade Damper, Add	50.27	
For Stainless Steel, Add	177.06	
23 37 13 00-0201 EA 12" x 6" Steel Security Grille .....	181.03	14.35
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	15.23	
For 1" x 1" Square Holes On Face, Add	38.08	
For Angle Iron Frame, Add	25.72	
For Rear Operated Opposed Blade Damper, Add	56.19	
For Stainless Steel, Add	198.03	
23 37 13 00-0202 EA 12" x 8" Steel Security Grille .....	206.38	15.37
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	17.56	
For 1" x 1" Square Holes On Face, Add	43.91	
For Angle Iron Frame, Add	29.42	
For Rear Operated Opposed Blade Damper, Add	64.55	
For Stainless Steel, Add	228.32	
23 37 13 00-0203 EA 12" x 10" Steel Security Grille .....	224.55	16.40
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	19.18	
For 1" x 1" Square Holes On Face, Add	47.94	
For Angle Iron Frame, Add	32.04	
For Rear Operated Opposed Blade Damper, Add	70.40	
For Stainless Steel, Add	249.29	
23 37 13 00-0204 EA 12" x 12" Steel Security Grille .....	248.11	17.42
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	21.33	
For 1" x 1" Square Holes On Face, Add	53.32	
For Angle Iron Frame, Add	35.47	
For Rear Operated Opposed Blade Damper, Add	78.13	
For Stainless Steel, Add	277.24	
23 37 13 00-0205 EA 14" x 4" Steel Security Grille .....	173.17	14.01
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	14.52	
For 1" x 1" Square Holes On Face, Add	36.29	
For Angle Iron Frame, Add	24.58	
For Rear Operated Opposed Blade Damper, Add	53.61	
For Stainless Steel, Add	188.71	
23 37 13 00-0206 EA 14" x 6" Steel Security Grille .....	194.93	15.03
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	16.49	
For 1" x 1" Square Holes On Face, Add	41.22	
For Angle Iron Frame, Add	27.74	
For Rear Operated Opposed Blade Damper, Add	60.71	
For Stainless Steel, Add	214.33	
23 37 13 00-0207 EA 14" x 8" Steel Security Grille .....	217.38	16.40
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	18.46	
For 1" x 1" Square Holes On Face, Add	46.15	
For Angle Iron Frame, Add	30.97	
For Rear Operated Opposed Blade Damper, Add	67.89	
For Stainless Steel, Add	239.97	
23 37 13 00-0208 EA 14" x 10" Steel Security Grille .....	245.21	17.76
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	20.97	
For 1" x 1" Square Holes On Face, Add	52.42	
For Angle Iron Frame, Add	35.01	
For Rear Operated Opposed Blade Damper, Add	76.94	
For Stainless Steel, Add	272.58	
23 37 13 00-0209 EA 14" x 12" Steel Security Grille .....	270.12	19.48
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	23.12	
For 1" x 1" Square Holes On Face, Add	57.80	
For Angle Iron Frame, Add	38.57	
For Rear Operated Opposed Blade Damper, Add	84.81	
For Stainless Steel, Add	300.53	
23 37 13 00-0210 EA 14" x 14" Steel Security Grille .....	290.77	20.84
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	24.91	
For 1" x 1" Square Holes On Face, Add	62.28	
For Angle Iron Frame, Add	41.53	
For Rear Operated Opposed Blade Damper, Add	91.35	
For Stainless Steel, Add	323.83	
23 37 13 00-0211 EA 16" x 6" Steel Security Grille .....	208.42	16.40
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	17.56	
For 1" x 1" Square Holes On Face, Add	43.91	
For Angle Iron Frame, Add	29.62	
For Rear Operated Opposed Blade Damper, Add	64.75	
For Stainless Steel, Add	228.32	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 37 Air Outlets And Inlets**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0212	EA		16" x 8" Steel Security Grille .....	238.04	17.76
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	20.25	
			<i>For 1" x 1" Square Holes On Face, Add</i>	50.63	
			<i>For Angle Iron Frame, Add</i>	33.93	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	74.43	
			<i>For Stainless Steel, Add</i>	263.26	
23 37 13 00-0213	EA		16" x 10" Steel Security Grille .....	256.90	19.13
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	21.86	
			<i>For 1" x 1" Square Holes On Face, Add</i>	54.66	
			<i>For Angle Iron Frame, Add</i>	36.62	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	80.35	
			<i>For Stainless Steel, Add</i>	284.23	
23 37 13 00-0214	EA		16" x 12" Steel Security Grille .....	289.41	20.16
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	24.91	
			<i>For 1" x 1" Square Holes On Face, Add</i>	62.28	
			<i>For Angle Iron Frame, Add</i>	41.40	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	91.22	
			<i>For Stainless Steel, Add</i>	323.83	
23 37 13 00-0215	EA		16" x 14" Steel Security Grille .....	306.49	21.52
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	26.34	
			<i>For 1" x 1" Square Holes On Face, Add</i>	65.86	
			<i>For Angle Iron Frame, Add</i>	43.82	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	96.51	
			<i>For Stainless Steel, Add</i>	342.47	
23 37 13 00-0216	EA		16" x 16" Steel Security Grille .....	332.52	22.89
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	28.67	
			<i>For 1" x 1" Square Holes On Face, Add</i>	71.69	
			<i>For Angle Iron Frame, Add</i>	47.59	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	104.94	
			<i>For Stainless Steel, Add</i>	372.76	
23 37 13 00-0217	EA		18" x 6" Steel Security Grille .....	221.49	18.45
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	18.46	
			<i>For 1" x 1" Square Holes On Face, Add</i>	46.15	
			<i>For Angle Iron Frame, Add</i>	31.38	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	68.30	
			<i>For Stainless Steel, Add</i>	239.97	
23 37 13 00-0218	EA		18" x 8" Steel Security Grille .....	252.89	19.82
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	21.33	
			<i>For 1" x 1" Square Holes On Face, Add</i>	53.32	
			<i>For Angle Iron Frame, Add</i>	35.95	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	78.60	
			<i>For Stainless Steel, Add</i>	277.24	
23 37 13 00-0219	EA		18" x 10" Steel Security Grille .....	277.13	21.18
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	23.48	
			<i>For 1" x 1" Square Holes On Face, Add</i>	58.69	
			<i>For Angle Iron Frame, Add</i>	39.45	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	86.41	
			<i>For Stainless Steel, Add</i>	305.20	
23 37 13 00-0220	EA		18" x 12" Steel Security Grille .....	304.95	22.55
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	25.99	
			<i>For 1" x 1" Square Holes On Face, Add</i>	64.97	
			<i>For Angle Iron Frame, Add</i>	43.49	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	95.46	
			<i>For Stainless Steel, Add</i>	337.82	
23 37 13 00-0221	EA		18" x 14" Steel Security Grille .....	325.78	22.21
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	28.14	
			<i>For 1" x 1" Square Holes On Face, Add</i>	70.34	
			<i>For Angle Iron Frame, Add</i>	46.65	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	102.92	
			<i>For Stainless Steel, Add</i>	365.77	
23 37 13 00-0222	EA		18" x 16" Steel Security Grille .....	356.50	23.24
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	31.00	
			<i>For 1" x 1" Square Holes On Face, Add</i>	77.51	
			<i>For Angle Iron Frame, Add</i>	51.15	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	113.16	
			<i>For Stainless Steel, Add</i>	403.05	
23 37 13 00-0223	EA		18" x 18" Steel Security Grille .....	381.84	24.25
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	33.33	
			<i>For 1" x 1" Square Holes On Face, Add</i>	83.33	
			<i>For Angle Iron Frame, Add</i>	54.85	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	121.52	
			<i>For Stainless Steel, Add</i>	433.33	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
HVAC Air Distribution		<b>23 30</b>
Air Outlets And Inlets		<b>23 37</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0224 EA 20" x 6" Steel Security Grille .....	237.44	20.16
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	19.71	
For 1" x 1" Square Holes On Face, Add	49.28	
For Angle Iron Frame, Add	33.60	
For Rear Operated Opposed Blade Damper, Add	73.03	
For Stainless Steel, Add	256.27	
23 37 13 00-0225 EA 20" x 8" Steel Security Grille .....	268.43	22.21
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	22.40	
For 1" x 1" Square Holes On Face, Add	56.00	
For Angle Iron Frame, Add	38.04	
For Rear Operated Opposed Blade Damper, Add	82.85	
For Stainless Steel, Add	291.21	
23 37 13 00-0226 EA 20" x 10" Steel Security Grille .....	295.56	23.24
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	24.91	
For 1" x 1" Square Holes On Face, Add	62.28	
For Angle Iron Frame, Add	42.01	
For Rear Operated Opposed Blade Damper, Add	91.83	
For Stainless Steel, Add	323.83	
23 37 13 00-0227 EA 20" x 12" Steel Security Grille .....	325.18	24.60
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	27.60	
For 1" x 1" Square Holes On Face, Add	69.00	
For Angle Iron Frame, Add	46.32	
For Rear Operated Opposed Blade Damper, Add	101.52	
For Stainless Steel, Add	358.79	
23 37 13 00-0228 EA 20" x 14" Steel Security Grille .....	357.69	25.63
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	30.65	
For 1" x 1" Square Holes On Face, Add	76.61	
For Angle Iron Frame, Add	51.09	
For Rear Operated Opposed Blade Damper, Add	112.38	
For Stainless Steel, Add	398.39	
23 37 13 00-0229 EA 20" x 16" Steel Security Grille .....	386.62	26.64
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	33.33	
For 1" x 1" Square Holes On Face, Add	83.33	
For Angle Iron Frame, Add	55.33	
For Rear Operated Opposed Blade Damper, Add	121.99	
For Stainless Steel, Add	433.33	
23 37 13 00-0230 EA 20" x 18" Steel Security Grille .....	413.76	27.67
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	35.84	
For 1" x 1" Square Holes On Face, Add	89.61	
For Angle Iron Frame, Add	59.30	
For Rear Operated Opposed Blade Damper, Add	130.98	
For Stainless Steel, Add	465.95	
23 37 13 00-0231 EA 20" x 20" Steel Security Grille .....	446.28	28.70
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	38.89	
For 1" x 1" Square Holes On Face, Add	97.22	
For Angle Iron Frame, Add	64.07	
For Rear Operated Opposed Blade Damper, Add	141.85	
For Stainless Steel, Add	505.56	
23 37 13 00-0232 EA 24" x 6" Steel Security Grille .....	263.73	22.55
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	21.86	
For 1" x 1" Square Holes On Face, Add	54.66	
For Angle Iron Frame, Add	37.31	
For Rear Operated Opposed Blade Damper, Add	81.03	
For Stainless Steel, Add	284.23	
23 37 13 00-0233 EA 24" x 8" Steel Security Grille .....	298.29	24.60
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	24.91	
For 1" x 1" Square Holes On Face, Add	62.28	
For Angle Iron Frame, Add	42.28	
For Rear Operated Opposed Blade Damper, Add	92.10	
For Stainless Steel, Add	323.83	
23 37 13 00-0234 EA 24" x 10" Steel Security Grille .....	326.55	25.28
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	27.60	
For 1" x 1" Square Holes On Face, Add	69.00	
For Angle Iron Frame, Add	46.45	
For Rear Operated Opposed Blade Damper, Add	101.65	
For Stainless Steel, Add	358.79	
23 37 13 00-0235 EA 24" x 12" Steel Security Grille .....	366.06	28.01
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For Anchoring Tabs, Add	31.00	
For 1" x 1" Square Holes On Face, Add	77.51	
For Angle Iron Frame, Add	52.11	
For Rear Operated Opposed Blade Damper, Add	114.12	
For Stainless Steel, Add	403.05	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0236	EA		24" x 14" Steel Security Grille .....	395.00	29.04
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	33.69	
			<i>For 1" x 1" Square Holes On Face, Add</i>	84.23	
			<i>For Angle Iron Frame, Add</i>	56.35	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	123.73	
			<i>For Stainless Steel, Add</i>	438.00	
23 37 13 00-0237	EA		24" x 16" Steel Security Grille .....	431.09	30.06
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	37.10	
			<i>For 1" x 1" Square Holes On Face, Add</i>	92.74	
			<i>For Angle Iron Frame, Add</i>	61.66	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	135.85	
			<i>For Stainless Steel, Add</i>	482.26	
23 37 13 00-0238	EA		24" x 18" Steel Security Grille .....	472.56	31.09
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	41.04	
			<i>For 1" x 1" Square Holes On Face, Add</i>	102.60	
			<i>For Angle Iron Frame, Add</i>	67.78	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	149.85	
			<i>For Stainless Steel, Add</i>	533.51	
23 37 13 00-0239	EA		24" x 20" Steel Security Grille .....	501.50	32.12
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	43.73	
			<i>For 1" x 1" Square Holes On Face, Add</i>	109.32	
			<i>For Angle Iron Frame, Add</i>	72.01	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	159.47	
			<i>For Stainless Steel, Add</i>	568.46	
23 37 13 00-0240	EA		24" x 24" Steel Security Grille .....	562.93	34.16
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For Anchoring Tabs, Add</i>	49.46	
			<i>For 1" x 1" Square Holes On Face, Add</i>	123.66	
			<i>For Angle Iron Frame, Add</i>	81.02	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	179.95	
			<i>For Stainless Steel, Add</i>	643.01	
23 37 13 00-0241			<b>Square Wall Return Air And Exhaust Grilles</b> (23 37 13 00-0155)		
			Note: Egg crate design aluminum construction.		
23 37 13 00-0242	EA		8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	42.19	17.09
23 37 13 00-0243	EA		12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	44.66	17.09
23 37 13 00-0244	EA		18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	66.69	25.63
23 37 13 00-0245	EA		24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	79.04	25.63
23 37 13 00-0246	EA		28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	123.91	34.16
23 37 13 00-0247	EA		36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	198.56	34.16
23 37 13 00-0248			<b>Rectangular Four-Way Adjustable Deflection Wall Supply Grilles</b> (23 37 13 00-0155)		
			Note: Aluminum construction.		
23 37 13 00-0249	EA		12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	135.37	12.30
23 37 13 00-0250	EA		14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	154.07	12.30
23 37 13 00-0251	EA		18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	185.54	13.67
23 37 13 00-0252	EA		24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	218.77	13.67
23 37 13 00-0253	EA		36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	282.02	42.70
23 37 13 00-0254			<b>Square Ceiling Return Air And Exhaust Grilles</b> (23 37 13 00-0155)		
			Note: Egg crate design, plastic construction.		
23 37 13 00-0255	EA		24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction .....	26.55	8.18
23 37 13 00-0256	EA		24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction .....	38.06	8.24
23 37 13 00-0257			<b>Door Grilles Sight Proof Inverted Vee Cross Section</b> (23 37 13 00-0155)		
			Note: Painted steel louvers and frame.		
23 37 13 00-0258	EA		12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	76.00	12.30
23 37 13 00-0259	EA		14" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	95.90	12.30
23 37 13 00-0260	EA		18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	118.75	12.98
23 37 13 00-0261	EA		24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	162.38	15.51
23 37 13 00-0262	EA		24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	180.52	28.49
23 37 13 00-0263			<b>Stainless Steel Devices</b> (23 37 13 00-0155)		
23 37 13 00-0264			<b>304 Stainless Steel, Louvered Partition/Door Grilles</b> (23 37 13 00-0263)		
23 37 13 00-0265	SF		Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille .....	157.35	10.66
			<i>For 316 Stainless Steel, Add</i>	27.92	
23 37 13 00-0266	SF		>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille .....	131.88	10.66
			<i>For 316 Stainless Steel, Add</i>	22.82	
23 37 13 00-0267			<b>304 Stainless Steel, Single Deflection Supply Grilles</b> (23 37 13 00-0263)		
23 37 13 00-0268	SF		Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille .....	117.76	10.66
			<i>For 316 Stainless Steel, Add</i>	20.00	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	<b>23 30</b>
Air Outlets And Inlets	<b>23 37</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0269 SF >4 SF, 304 Stainless Steel, Single Deflection Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	99.24 16.30	10.66
<b>23 37 13 00-0270 304 Stainless Steel, Double Deflection Supply Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0271 SF Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	175.06 31.46	10.66
23 37 13 00-0272 SF >4 SF, 304 Stainless Steel, Double Deflection Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	148.32 26.11	10.66
<b>23 37 13 00-0273 304 Stainless Steel Return Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0274 SF Up To 4 SF, 304 Stainless Steel Return Grille..... <i>For 316 Stainless Steel, Add</i>	117.76 20.00	10.66
23 37 13 00-0275 SF >4 SF, 304 Stainless Steel Return Grille ..... <i>For 316 Stainless Steel, Add</i>	99.24 16.30	10.66
<b>23 37 13 00-0276 304 Stainless Steel, Louvered Supply/Return Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0277 SF Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	117.76 20.00	10.66
23 37 13 00-0278 SF >4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	99.24 16.30	10.66
<b>23 37 13 00-0279 304 Stainless Steel, Perforated Return Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0280 SF Up To 4 SF, 304 Stainless Steel, Perforated Return Grille ..... <i>For 316 Stainless Steel, Add</i>	117.76 20.00	10.66
23 37 13 00-0281 SF >4 SF, 304 Stainless Steel, Perforated Return Grille..... <i>For 316 Stainless Steel, Add</i>	94.15 15.28	10.66
<b>23 37 13 00-0282 304 Stainless Steel, Perforated Supply Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0283 SF Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille..... <i>For 316 Stainless Steel, Add</i>	143.81 25.21	10.66
23 37 13 00-0284 SF >4 SF, 304 Stainless Steel, Perforated Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	96.86 15.82	10.66
<b>23 37 13 00-0285 304 Stainless Steel, Door Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0286 SF Up To 4 SF, 304 Stainless Steel, Door Grille..... <i>For 316 Stainless Steel, Add</i>	217.77 40.00	10.66
23 37 13 00-0287 SF >4 SF, 304 Stainless Steel, Door Grille ..... <i>For 316 Stainless Steel, Add</i>	180.74 32.60	10.66
<b>23 37 13 00-0288 304 Stainless Steel, Linear Bar Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0289 SF Up To 4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	279.92 52.43	10.66
23 37 13 00-0290 SF >4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	238.83 44.21	10.66
<b>23 37 13 00-0291 304 Stainless Steel, Hinged Filter Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0292 SF Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille..... <i>For 316 Stainless Steel, Add</i>	204.23 37.29	10.66
23 37 13 00-0293 SF >4 SF, 304 Stainless Steel, Hinged Filter Grille..... <i>For 316 Stainless Steel, Add</i>	139.41 24.33	10.66
<b>23 37 13 00-0294 304 Stainless Steel, Opposed Blade Dampers Grilles (23 37 13 00-0263)</b>		
23 37 13 00-0295 SF Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille ..... <i>For 316 Stainless Steel, Add</i>	107.35 17.92	10.66
23 37 13 00-0296 SF Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF ..... <i>For 316 Stainless Steel, Add</i>	80.38 12.52	10.66
<b>23 37 13 00-0297 304 Stainless Steel, Plaster Frames Replacement (23 37 13 00-0263)</b>		
Note: For frequent replacement.		
23 37 13 00-0298 SF To 4 SF, 304 Stainless Steel, Plaster Frames Replacement ..... <i>For 316 Stainless Steel, Add</i>	82.35 12.92	10.66
23 37 13 00-0299 SF >4 SF, 304 Stainless Steel, Plaster Frames Replacement ..... <i>For 316 Stainless Steel, Add</i>	41.02 4.65	10.66
<b>23 37 13 00-0300 304 Stainless Steel, Modular Louvered Ceiling Diffusers (23 37 13 00-0263)</b>		
23 37 13 00-0301 SF Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser..... <i>For 316 Stainless Steel, Add</i>	201.10 36.67	10.66
23 37 13 00-0302 SF >4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser ..... <i>For 316 Stainless Steel, Add</i>	156.08 27.66	10.66

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0303			<b>304 Stainless Steel, Latticed Supply/Return Grilles</b> (23 37 13 00-0263)		
23 37 13 00-0304	SF		Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille.....	66.72	10.66
			<i>For 316 Stainless Steel, Add</i>	9.79	
23 37 13 00-0305	SF		>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille.....	66.72	10.66
			<i>For 316 Stainless Steel, Add</i>	9.79	
23 37 13 00-0306			<b>Removal And Reinstallation Of Distribution Devices</b> (23 37 13)		
			Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 00-0307	EA		Remove And Reinstall Variable Air Volume Terminal Unit.....	128.09	
23 37 13 00-0308	EA		Remove And Reinstall Fan Powered Variable Volume Terminal Unit.....	141.27	
23 37 13 00-0309	EA		Remove And Reinstall Lay-in Diffuser/Register/Grille.....	21.17	
23 37 13 00-0310	EA		Remove And Reinstall Surface Mounted Diffuser/Register/Grille.....	28.67	
23 38			<b>Ventilation Hoods</b> (23 30)		
23 38 13			<b>Commercial-Kitchen Hoods</b> (23 38)		
23 38 13 16			<b>Standard Commercial-Kitchen Hoods</b> (23 38 13)		
23 38 13 16-0001			<b>Commercial Kitchen Hood Ventilation System</b> (23 38 13 16)		
			Note: Excludes fire suppression. See CSI section 23 34 16 00-0002 for exhaust and supply fans.		
23 38 13 16-0002			<b>Dry Filter Exhaust Hoods</b> (23 38 13 16-0001)		
			Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.		
23 38 13 16-0003	EA		8' Long x 60" Deep Dry Filter Exhaust Hood.....	4,591.15	536.37
23 38 13 16-0004	EA		8'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	4,791.57	569.89
23 38 13 16-0005	EA		9' Long x 60" Deep Dry Filter Exhaust Hood.....	5,319.84	603.40
23 38 13 16-0006	EA		9'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	5,492.55	636.93
23 38 13 16-0007	EA		10' Long x 60" Deep Dry Filter Exhaust Hood.....	5,697.51	670.45
23 38 13 16-0008	EA		10'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	5,912.44	703.98
23 38 13 16-0009	EA		11' Long x 60" Deep Dry Filter Exhaust Hood.....	6,117.80	737.50
23 38 13 16-0010	EA		11'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	6,328.78	771.03
23 38 13 16-0011	EA		12' Long x 60" Deep Dry Filter Exhaust Hood.....	6,560.46	804.55
23 38 13 16-0012	EA		12'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	6,764.14	838.06
23 38 13 16-0013	EA		13' Long x 60" Deep Dry Filter Exhaust Hood.....	6,937.50	871.59
23 38 13 16-0014	EA		13'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	7,212.73	905.11
23 38 13 16-0015	EA		14' Long x 60" Deep Dry Filter Exhaust Hood.....	8,013.99	938.64
23 38 13 16-0016	EA		14'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	8,237.01	972.16
23 38 13 16-0017	EA		15' Long x 60" Deep Dry Filter Exhaust Hood.....	8,528.54	1,005.68
23 38 13 16-0018	EA		15'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	8,755.46	1,039.20
23 38 13 16-0019	EA		16' Long x 60" Deep Dry Filter Exhaust Hood.....	9,081.60	1,072.72
23 38 13 16-0020			<b>Dry Extractor Exhaust Hoods</b> (23 38 13 16-0001)		
			Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.		
23 38 13 16-0021	EA		8' Long x 60" Deep Dry Extractor Exhaust Hood.....	6,265.95	536.37
23 38 13 16-0022	EA		8'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	6,476.97	569.89
23 38 13 16-0023	EA		9' Long x 60" Deep Dry Extractor Exhaust Hood.....	7,037.04	603.40
23 38 13 16-0024	EA		9'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	7,252.15	636.93
23 38 13 16-0025	EA		10' Long x 60" Deep Dry Extractor Exhaust Hood.....	7,467.71	670.45
23 38 13 16-0026	EA		10'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	7,672.04	703.98
23 38 13 16-0027	EA		11' Long x 60" Deep Dry Extractor Exhaust Hood.....	7,888.00	737.50
23 38 13 16-0028	EA		11'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	8,093.68	771.03
23 38 13 16-0029	EA		12' Long x 60" Deep Dry Extractor Exhaust Hood.....	8,288.26	804.55
23 38 13 16-0030	EA		12'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	8,555.54	838.06
23 38 13 16-0031	EA		13' Long x 60" Deep Dry Extractor Exhaust Hood.....	8,861.40	871.59
23 38 13 16-0032	EA		13'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	9,184.33	905.11
23 38 13 16-0033	EA		14' Long x 60" Deep Dry Extractor Exhaust Hood.....	9,831.89	938.64
23 38 13 16-0034	EA		14'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	10,160.91	972.16
23 38 13 16-0035	EA		15' Long x 60" Deep Dry Extractor Exhaust Hood.....	10,775.74	1,005.68
23 38 13 16-0036	EA		15'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	11,400.16	1,039.20
23 38 13 16-0037	EA		16' Long x 60" Deep Dry Extractor Exhaust Hood.....	12,017.80	1,072.72
23 38 13 16-0038			<b>Single Manifold Water Wash Exhaust Hoods</b> (23 38 13 16-0001)		
			Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA		8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	6,689.95	536.37
23 38 13 16-0040	EA		8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	6,911.57	569.89
23 38 13 16-0041	EA		9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,482.24	603.40
23 38 13 16-0042	EA		9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,702.65	636.93
23 38 13 16-0043	EA		10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,934.11	670.45
23 38 13 16-0044	EA		10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,149.04	703.98
23 38 13 16-0045	EA		11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,370.30	737.50
23 38 13 16-0046	EA		11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,591.88	771.03
23 38 13 16-0047	EA		12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,791.76	804.55
23 38 13 16-0048	EA		12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,080.24	838.06
23 38 13 16-0049	EA		13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,407.30	871.59



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Distribution	23 30
Ventilation Hoods	23 38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0050 EA 13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,751.43	905.11
23 38 13 16-0051 EA 14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	10,420.19	938.64
23 38 13 16-0052 EA 14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	10,770.41	972.16
23 38 13 16-0053 EA 15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,443.54	1,005.68
23 38 13 16-0054 EA 15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,792.36	1,039.20
23 38 13 16-0055 EA 16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	12,139.70	1,072.72
23 38 13 16-0056 EA Fan Wash Control Panel.....	4,711.37	268.18

Note: Includes time clock and backflow preventer.

**23 38 13 16-0057 Utility Distribution System (UDS) (23 38 13 16-0001)**

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058 EA 8' Long UDS.....	24,712.72	272.74
23 38 13 16-0059 EA 8'-6" Long UDS.....	25,442.88	279.38
23 38 13 16-0060 EA 9' Long UDS.....	26,165.08	285.88
23 38 13 16-0061 EA 9'-6" Long UDS.....	26,892.59	295.00
23 38 13 16-0062 EA 10' Long UDS.....	27,616.32	302.24
23 38 13 16-0063 EA 10'-6" Long UDS.....	28,333.07	309.88
23 38 13 16-0064 EA 11' Long UDS.....	29,060.58	315.18
23 38 13 16-0065 EA 11'-6" Long UDS.....	29,786.38	323.49
23 38 13 16-0066 EA 12' Long UDS.....	30,519.12	335.23
23 38 13 16-0067 EA 12'-6" Long UDS.....	31,260.26	351.18
23 38 13 16-0068 EA 13' Long UDS.....	31,990.14	361.51
23 38 13 16-0069 EA 13'-6" Long UDS.....	32,728.86	376.25
23 38 13 16-0070 EA 14' Long UDS.....	33,461.83	388.13
23 38 13 16-0071 EA 14'-6" Long UDS.....	34,196.37	400.80
23 38 13 16-0072 EA 15" Long UDS.....	34,932.60	414.34
23 38 13 16-0073 EA 15'-6" Long UDS.....	35,670.72	428.76
23 38 13 16-0074 EA 16' Long UDS.....	36,400.35	439.01

**23 38 13 16-0075 Stainless Steel Exhaust Hood Material (23 38 13 16)**

Note: Welded seams.

23 38 13 16-0076 SF 16 Gauge Stainless Steel Exhaust Hood Material.....	49.07	8.43
23 38 13 16-0077 SF 14 Gauge Stainless Steel Exhaust Hood Material.....	61.34	11.24
23 38 13 16-0078 SF 12 Gauge Stainless Steel Exhaust Hood Material.....	85.17	15.17
23 38 13 16-0079 SF 10 Gauge Stainless Steel Exhaust Hood Material.....	106.62	18.54

**23 40 HVAC Air Cleaning Devices (23)**

**23 41 Particulate Air Filtration (23 40)**

**23 41 13 Panel Air Filters (23 41)**

**23 41 13 00-0001 Disposable Air Filters (23 41 13)**

23 41 13 00-0002 EA Throwaway Glass Or Paper Media Filter, Residential.....	9.06
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**23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar (23 41 13)**

23 41 13 00-0004 MF3 Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar.....	61.77
23 41 13 00-0005 MF3 Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar.....	59.66
23 41 13 00-0006 MF3 Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar.....	2.57

**23 41 16 Renewable-Media Air Filters (23 41)**

**23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar (23 41 16)**

23 41 16 00-0002 MF3 Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar.....	106.30
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**23 41 19 Washable Air Filters (23 41)**

**23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar (23 41 19)**

23 41 19 00-0002 MF3 Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar.....	40.59
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**23 41 33 High-Efficiency Particulate Filtration (23 41)**

**23 41 33 00-0001 HEPA Filters (23 41 33)**

Note: Includes particle board and kraft paper frame and separator material.

**23 41 33 00-0002 HEPA Filters DOP Efficiency-95% (23 41 33 00-0001)**

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41	33 00-0003	EA	12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete.....	99.63	9.57
			<i>For &gt;25 To 50, Deduct</i>	-4.98	
			<i>For &gt;50 To 100, Deduct</i>	-7.47	
			<i>For &gt;10 To 25, Deduct</i>	-2.49	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	1.91	
			<i>For &gt;100, Deduct</i>	-9.96	
23 41	33 00-0004	EA	24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete.....	134.24	10.93
			<i>For &gt;25 To 50, Deduct</i>	-6.71	
			<i>For &gt;50 To 100, Deduct</i>	-10.07	
			<i>For &gt;10 To 25, Deduct</i>	-3.36	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.19	
			<i>For &gt;100, Deduct</i>	-13.42	
23 41	33 00-0005	EA	24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete.....	157.25	12.64
			<i>For &gt;25 To 50, Deduct</i>	-7.86	
			<i>For &gt;50 To 100, Deduct</i>	-11.79	
			<i>For &gt;10 To 25, Deduct</i>	-3.93	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.53	
			<i>For &gt;100, Deduct</i>	-15.73	
23 41	33 00-0006	EA	24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete.....	180.30	14.35
			<i>For &gt;25 To 50, Deduct</i>	-9.02	
			<i>For &gt;50 To 100, Deduct</i>	-13.52	
			<i>For &gt;10 To 25, Deduct</i>	-4.51	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.87	
			<i>For &gt;100, Deduct</i>	-18.03	
23 41	33 00-0007	EA	12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete.....	122.77	10.25
			<i>For &gt;25 To 50, Deduct</i>	-6.14	
			<i>For &gt;50 To 100, Deduct</i>	-9.21	
			<i>For &gt;10 To 25, Deduct</i>	-3.07	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.05	
			<i>For &gt;100, Deduct</i>	-12.28	
23 41	33 00-0008	EA	24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete.....	166.66	11.96
			<i>For &gt;25 To 50, Deduct</i>	-8.33	
			<i>For &gt;50 To 100, Deduct</i>	-12.50	
			<i>For &gt;10 To 25, Deduct</i>	-4.17	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.39	
			<i>For &gt;100, Deduct</i>	-16.67	
23 41	33 00-0009	EA	24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete.....	199.83	13.67
			<i>For &gt;25 To 50, Deduct</i>	-9.99	
			<i>For &gt;50 To 100, Deduct</i>	-14.99	
			<i>For &gt;10 To 25, Deduct</i>	-5.00	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.73	
			<i>For &gt;100, Deduct</i>	-19.98	
23 41	33 00-0010	EA	24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1,000 CFM, Complete.....	236.41	17.09
			<i>For &gt;25 To 50, Deduct</i>	-11.82	
			<i>For &gt;50 To 100, Deduct</i>	-17.73	
			<i>For &gt;10 To 25, Deduct</i>	-5.91	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.42	
			<i>For &gt;100, Deduct</i>	-23.64	
23 41	33 00-0011		<b>HEPA Filters DOP Efficiency-99.99%</b> <small>(23 41 33 00-0001)</small>		
23 41	33 00-0012	EA	12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete .....	85.02	8.54
			<i>For &gt;25 To 50, Deduct</i>	-4.25	
			<i>For &gt;50 To 100, Deduct</i>	-6.38	
			<i>For &gt;10 To 25, Deduct</i>	-2.13	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	1.71	
			<i>For &gt;100, Deduct</i>	-8.50	
23 41	33 00-0013	EA	24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete .....	119.21	10.25
			<i>For &gt;25 To 50, Deduct</i>	-5.96	
			<i>For &gt;50 To 100, Deduct</i>	-8.94	
			<i>For &gt;10 To 25, Deduct</i>	-2.98	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.05	
			<i>For &gt;100, Deduct</i>	-11.92	
23 41	33 00-0014	EA	24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete .....	186.11	11.96
			<i>For &gt;25 To 50, Deduct</i>	-9.31	
			<i>For &gt;50 To 100, Deduct</i>	-13.96	
			<i>For &gt;10 To 25, Deduct</i>	-4.65	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.39	
			<i>For &gt;100, Deduct</i>	-18.61	
23 41	33 00-0015	EA	36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete .....	240.98	13.67
			<i>For &gt;25 To 50, Deduct</i>	-12.05	
			<i>For &gt;50 To 100, Deduct</i>	-18.07	
			<i>For &gt;10 To 25, Deduct</i>	-6.02	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.73	
			<i>For &gt;100, Deduct</i>	-24.10	
23 41	33 00-0016	EA	8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete .....	81.54	6.83
			<i>For &gt;25 To 50, Deduct</i>	-4.08	
			<i>For &gt;50 To 100, Deduct</i>	-6.12	
			<i>For &gt;10 To 25, Deduct</i>	-2.04	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	1.37	
			<i>For &gt;100, Deduct</i>	-8.15	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
HVAC Air Cleaning Devices	23 40
Particulate Air Filtration	23 41

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0017 EA 12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete.....	107.90	9.22
For >25 To 50, Deduct	-5.40	
For >50 To 100, Deduct	-8.09	
For >10 To 25, Deduct	-2.70	
For Removal And Replacement In Existing Equipment, Add	1.85	
For >100, Deduct	-10.79	
23 41 33 00-0018 EA 24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete.....	146.72	10.93
For >25 To 50, Deduct	-7.34	
For >50 To 100, Deduct	-11.00	
For >10 To 25, Deduct	-3.67	
For Removal And Replacement In Existing Equipment, Add	2.19	
For >100, Deduct	-14.67	
23 41 33 00-0019 EA 24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete.....	172.27	12.81
For >25 To 50, Deduct	-8.61	
For >50 To 100, Deduct	-12.92	
For >10 To 25, Deduct	-4.31	
For Removal And Replacement In Existing Equipment, Add	2.56	
For >100, Deduct	-17.23	
23 41 33 00-0020 EA 24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete.....	197.14	14.35
For >25 To 50, Deduct	-9.86	
For >50 To 100, Deduct	-14.79	
For >10 To 25, Deduct	-4.93	
For Removal And Replacement In Existing Equipment, Add	2.87	
For >100, Deduct	-19.71	
23 41 33 00-0021 EA 12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete.....	134.13	10.25
For >25 To 50, Deduct	-6.71	
For >50 To 100, Deduct	-10.06	
For >10 To 25, Deduct	-3.35	
For Removal And Replacement In Existing Equipment, Add	2.05	
For >100, Deduct	-13.41	
23 41 33 00-0022 EA 24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete.....	182.53	11.96
For >25 To 50, Deduct	-9.13	
For >50 To 100, Deduct	-13.69	
For >10 To 25, Deduct	-4.56	
For Removal And Replacement In Existing Equipment, Add	2.39	
For >100, Deduct	-18.25	
23 41 33 00-0023 EA 24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete.....	219.00	13.67
For >25 To 50, Deduct	-10.95	
For >50 To 100, Deduct	-16.43	
For >10 To 25, Deduct	-5.48	
For Removal And Replacement In Existing Equipment, Add	2.73	
For >100, Deduct	-21.90	
23 41 33 00-0024 EA 24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete.....	269.57	17.09
For >25 To 50, Deduct	-13.48	
For >50 To 100, Deduct	-20.22	
For >10 To 25, Deduct	-6.74	
For Removal And Replacement In Existing Equipment, Add	3.42	
For >100, Deduct	-26.96	
<b>23 41 33 00-0025 HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal (23 41 33)</b>		
Note: Nominal sizes.		
23 41 33 00-0026 EA 12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	217.10	50.97
23 41 33 00-0027 EA 24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	397.97	101.31
23 41 33 00-0028 EA 24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	405.73	101.31
23 41 33 00-0029 EA 24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	410.91	101.31
23 41 33 00-0030 EA 24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	447.13	101.31
23 41 33 00-0031 EA 24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	492.40	101.31
23 41 33 00-0032 EA 48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	764.91	203.24
23 41 33 00-0033 EA 48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	874.86	203.24
23 41 33 00-0034 EA 48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	1,014.56	203.24
23 41 33 00-0035 EA 12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	239.09	50.97
23 41 33 00-0036 EA 24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	435.48	101.31
23 41 33 00-0037 EA 24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	444.54	101.31
23 41 33 00-0038 EA 24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	451.01	101.31
23 41 33 00-0039 EA 24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	493.69	101.31
23 41 33 00-0040 EA 24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	550.61	101.31
23 41 33 00-0041 EA 48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	855.46	203.24
23 41 33 00-0042 EA 48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	992.57	203.24
23 41 33 00-0043 EA 48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal .....	1,165.91	203.24
<b>23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency (23 41 33)</b>		
23 41 33 00-0045 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	170.71	66.07
23 41 33 00-0046 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	206.91	66.07
<b>23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency (23 41 33)</b>		
23 41 33 00-0048 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	166.56	66.07
23 41 33 00-0049 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	193.26	66.07

23 42 Gas-Phase Air Filtration (23 40)

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 40 HVAC Air Cleaning Devices****23 42 Gas-Phase Air Filtration**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**23 42 13 Activated-Carbon Air Filtration (23 42)**

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	35.95	5.12
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	36.41	5.12
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	36.68	5.12
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	36.68	5.12
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	40.07	5.12
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	45.65	5.12
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	45.88	5.81
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	46.26	5.81
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	46.58	5.81
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	46.58	5.81
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	50.33	5.81
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	60.79	5.81
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	20.43	5.12
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	22.04	5.12
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	22.10	5.12
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	24.22	5.12
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter.....	26.09	5.12
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	23.73	5.81
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	26.55	5.81
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	27.14	5.81
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	30.63	5.81
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	32.85	5.81
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	56.43	6.15

**23 44 Ultraviolet HVAC Microbial Control (23 40)****23 44 00 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures (23 44)**

23 44 00 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO).....	421.57	45.92
Note: Includes tube.				
23 44 00 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO).....	440.20	48.20
Note: Includes tube.				
23 44 00 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO).....	442.28	50.27
Note: Includes tube.				
23 44 00 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO).....	462.91	52.81
Note: Includes tube.				
23 44 00 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO).....	500.14	55.09
Note: Includes tube.				
23 44 00 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO).....	571.90	56.81
Note: Includes tube.				

**23 44 00 00-0008 Single Ended Ultraviolet HVAC Microbial Control Fixtures (23 44)**

23 44 00 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO).....	366.32	31.82
Note: Includes tube.				
23 44 00 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO).....	372.74	34.43
Note: Includes tube.				
23 44 00 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO).....	379.34	36.50
Note: Includes tube.				
23 44 00 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO).....	379.52	39.25
Note: Includes tube.				
23 44 00 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO).....	394.90	41.31
Note: Includes tube.				
23 44 00 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO).....	404.14	43.38
Note: Includes tube.				
23 44 00 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO).....	413.44	46.13
Note: Includes tube.				
23 44 00 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO).....	429.08	31.82
Note: Includes tube.				
23 44 00 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO).....	435.50	34.43
Note: Includes tube.				
23 44 00 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO).....	442.09	36.50
Note: Includes tube.				
23 44 00 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO).....	442.28	39.25
Note: Includes tube.				
23 44 00 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO).....	457.66	41.31
Note: Includes tube.				
23 44 00 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO).....	466.90	43.38
Note: Includes tube.				
23 44 00 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO).....	476.20	46.13
Note: Includes tube.				
23 44 00 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO).....	298.95	34.43
Note: Includes tube.				
23 44 00 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO).....	305.54	36.50
Note: Includes tube.				
23 44 00 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO).....	305.73	39.25
Note: Includes tube.				
23 44 00 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO).....	321.11	41.31
Note: Includes tube.				
23 44 00 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO).....	330.35	43.38
Note: Includes tube.				



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>HVAC Air Cleaning Devices</b>	<b>23 40</b>
<b>Ultraviolet HVAC Microbial Control</b>	<b>23 44</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 44 00 00-0028 EA 42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) ..... Note: Includes tube.	339.64	46.13
<b>23 44 00 00-0029 Fan Coil Unit Ultraviolet Microbial Control Fixtures (23 44)</b>		
23 44 00 00-0030 EA 16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	265.61	44.07
23 44 00 00-0031 EA 20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	271.98	46.13
23 44 00 00-0032 EA 24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	278.34	48.20
23 44 00 00-0033 EA 30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	286.61	50.27
23 44 00 00-0034 EA 36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	297.04	52.81
23 44 00 00-0035 EA 42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) ..... Note: Includes tube.	306.35	55.09
<b>23 44 00 00-0036 Ultraviolet HVAC Microbial Control Replacement Parts (23 44)</b>		
23 44 00 00-0037 EA 18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO) .....	70.19	
23 44 00 00-0038 EA 24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO) .....	73.76	
23 44 00 00-0039 EA 30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO) .....	83.39	
23 44 00 00-0040 EA 36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO) .....	95.73	
23 44 00 00-0041 EA 42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO) .....	108.35	
23 44 00 00-0042 EA 62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO) .....	132.63	
23 44 00 00-0043 EA 12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO) .....	68.12	
23 44 00 00-0044 EA 16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO) .....	71.79	
23 44 00 00-0045 EA 20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO) .....	75.62	
23 44 00 00-0046 EA 24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO) .....	73.07	
23 44 00 00-0047 EA 30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO) .....	85.69	
23 44 00 00-0048 EA 36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO) .....	92.17	
23 44 00 00-0049 EA 42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO) .....	98.72	
23 44 00 00-0050 EA Replacement Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire).....	201.43	
<b>23 44 00 00-0051 Ultraviolet HVAC Microbial Control Mounting Accessories (23 44)</b>		
23 44 00 00-0052 EA Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610)..... Note: Includes 61" emitter, power supply, wires and connectors.	358.40	
23 44 00 00-0053 EA Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620)..... Note: Includes 61" emitter, power supply, wires and connectors.	456.71	
23 44 00 00-0054 EA Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1)..... Note: Includes power supply, wires and connectors. Excludes emitter.	210.32	
23 44 00 00-0055 EA Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2)..... Note: Includes power supply, wires and connectors. Excludes emitter.	222.36	
23 44 00 00-0056 EA Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3)..... Note: Includes power supply, wires and connectors. Excludes emitter.	282.95	
23 44 00 00-0057 EA Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4)..... Note: Includes power supply, wires and connectors. Excludes emitter.	177.27	
23 44 00 00-0058 EA Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5)..... Note: Includes power supply, wires and connectors. Excludes emitter.	192.08	
23 44 00 00-0059 EA 16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6)..... Note: Includes power supply, wires and connectors. Excludes emitter.	251.26	
23 44 00 00-0060 EA 12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7)..... Note: Includes power supply, wires and connectors. Excludes emitter.	247.84	
23 44 00 00-0061 LF 30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101) .....	9.35	
23 44 00 00-0062 EA Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111) .....	31.66	
23 44 00 00-0063 EA Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112) .....	11.01	
23 44 00 00-0064 EA Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113) .....	10.41	
23 44 00 00-0065 EA Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104) .....	29.22	
23 44 00 00-0066 EA Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114) .....	34.27	
23 44 00 00-0067 EA Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108) .....	30.48	
23 44 00 00-0068 EA Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115) .....	24.78	
23 44 00 00-0069 EA ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109).....	23.43	
23 44 00 00-0070 EA DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223) .....	12.80	
23 44 00 00-0071 EA DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603) .....	26.30	
23 44 00 00-0072 EA Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100) .....	12.85	
23 44 00 00-0073 EA 480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503) .....	50.26	
23 44 00 00-0074 EA Interlock Switch (16 Amps At 125 Volt, 10 Amps At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120).....	52.81	

**23 50 Central Heating Equipment (23)**

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

**23 51 Breechings, Chimneys, And Stacks (23 50)**

**23 51 13 Draft Control Devices (23 51)**

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 00-0001			<b>Vertical Discharge Fans</b> <small>(23 51 13)</small> Note: Includes chimney adapter. Excludes wiring.		
23 51 13 00-0002			<b>Axial Vane Vertical Discharge Fans</b> <small>(23 51 13 00-0001)</small>		
23 51 13 00-0003	EA		450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,622.66	138.43
23 51 13 00-0004	EA		950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,120.17	151.02
23 51 13 00-0005	EA		1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,978.19	166.74
23 51 13 00-0006	EA		1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	6,560.33	193.49
23 51 13 00-0007			<b>Centrifugal Impeller Vertical Discharge Fans</b> <small>(23 51 13 00-0001)</small>		
23 51 13 00-0008	EA		700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,389.18	151.02
23 51 13 00-0009	EA		1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,391.55	166.74
23 51 13 00-0010	EA		2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	7,048.96	195.07
23 51 13 00-0011	EA		3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	8,375.41	218.65
23 51 13 00-0012			<b>Accessories For Vertical Discharge Fans</b> <small>(23 51 13 00-0001)</small>		
23 51 13 00-0013	EA		Modulating Fan Controller And Sensor.....	448.63	47.20
23 51 13 00-0014			<b>Flue Shutter Dampers</b> <small>(23 51 13 00-0001)</small>		
23 51 13 00-0015	EA		8" Flue Size, Shutter Damper.....	472.02	62.93
23 51 13 00-0016	EA		9" Flue Size, Shutter Damper.....	509.89	67.01
23 51 13 00-0017	EA		10" Flue Size, Shutter Damper.....	529.22	71.73
23 51 13 00-0018	EA		12" Flue Size, Shutter Damper.....	580.10	77.39
23 51 13 00-0019	EA		14" Flue Size, Shutter Damper.....	652.66	84.00
23 51 13 00-0020	EA		16" Flue Size, Shutter Damper.....	707.31	91.55
23 51 13 00-0021	EA		18" Flue Size, Shutter Damper.....	775.02	100.68
23 51 13 00-0022	EA		20" Flue Size, Shutter Damper.....	861.96	112.00
23 51 13 00-0023	EA		22" Flue Size, Shutter Damper.....	953.96	125.84
23 51 13 00-0024	EA		24" Flue Size, Shutter Damper.....	1,054.13	143.78
<b>23 51 16</b>			<b>Fabricated Breechings And Accessories</b> <small>(23 51)</small>		
23 51 16 00-0001			<b>Round Galvanized Double Wall Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small>		
23 51 16 00-0002			<b>Round Galvanized Double Wall Flue/Vent Pipe</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0003	LF		3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	19.80	5.60
			For Stainless Steel Liner, Add.....	0.44	
			For 3" To 4" Wall Instead Of 1", Add.....	5.42	
			For Aluminum Liner, Add.....	0.32	
			For 2" Wall Instead Of 1", Add.....	3.15	
23 51 16 00-0004	LF		4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	21.60	5.91
			For Stainless Steel Liner, Add.....	0.54	
			For 3" To 4" Wall Instead Of 1", Add.....	6.11	
			For Aluminum Liner, Add.....	0.39	
			For 2" Wall Instead Of 1", Add.....	3.59	
23 51 16 00-0005	LF		5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	24.06	6.30
			For Stainless Steel Liner, Add.....	0.64	
			For 3" To 4" Wall Instead Of 1", Add.....	6.93	
			For Aluminum Liner, Add.....	0.47	
			For 2" Wall Instead Of 1", Add.....	4.10	
23 51 16 00-0006	LF		6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	26.46	6.73
			For Stainless Steel Liner, Add.....	0.74	
			For 3" To 4" Wall Instead Of 1", Add.....	7.76	
			For Aluminum Liner, Add.....	0.54	
			For 2" Wall Instead Of 1", Add.....	4.62	
23 51 16 00-0007	LF		7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	32.12	7.17
			For Stainless Steel Liner, Add.....	1.09	
			For 3" To 4" Wall Instead Of 1", Add.....	10.05	
			For Aluminum Liner, Add.....	0.80	
			For 2" Wall Instead Of 1", Add.....	6.12	
23 51 16 00-0008	LF		8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	35.70	7.74
			For Stainless Steel Liner, Add.....	1.21	
			For 3" To 4" Wall Instead Of 1", Add.....	11.18	
			For Aluminum Liner, Add.....	0.89	
			For 2" Wall Instead Of 1", Add.....	6.80	
23 51 16 00-0009	LF		10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	55.28	8.30
			For Stainless Steel Liner, Add.....	2.56	
			For 3" To 4" Wall Instead Of 1", Add.....	19.59	
			For Aluminum Liner, Add.....	1.88	
			For 2" Wall Instead Of 1", Add.....	12.36	
23 51 16 00-0010	LF		12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	68.72	9.19
			For Stainless Steel Liner, Add.....	3.44	
			For 3" To 4" Wall Instead Of 1", Add.....	25.20	
			For Aluminum Liner, Add.....	2.52	
			For 2" Wall Instead Of 1", Add.....	16.04	
23 51 16 00-0011	LF		14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	100.92	9.56
			For Stainless Steel Liner, Add.....	5.77	
			For 3" To 4" Wall Instead Of 1", Add.....	39.42	
			For Aluminum Liner, Add.....	4.23	
			For 2" Wall Instead Of 1", Add.....	25.48	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central Heating Equipment</b>	<b>23 50</b>
<b>Breechings, Chimneys, And Stacks</b>	<b>23 51</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0012 LF 16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	128.81	10.07
For Stainless Steel Liner, Add	7.78	
For 3" To 4" Wall Instead Of 1", Add	51.70	
For Aluminum Liner, Add	5.71	
For 2" Wall Instead Of 1", Add	33.63	
23 51 16 00-0013 LF 18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	160.72	10.57
For Stainless Steel Liner, Add	10.05	
For 3" To 4" Wall Instead Of 1", Add	65.65	
For Aluminum Liner, Add	7.37	
For 2" Wall Instead Of 1", Add	42.87	
23 51 16 00-0014 LF 20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	200.53	16.80
For Stainless Steel Liner, Add	11.93	
For 3" To 4" Wall Instead Of 1", Add	79.88	
For Aluminum Liner, Add	8.75	
For 2" Wall Instead Of 1", Add	51.87	
23 51 16 00-0015 LF 22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	245.36	17.75
For Stainless Steel Liner, Add	15.04	
For 3" To 4" Wall Instead Of 1", Add	99.22	
For Aluminum Liner, Add	11.03	
For 2" Wall Instead Of 1", Add	64.65	
23 51 16 00-0016 LF 24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	294.84	18.88
For Stainless Steel Liner, Add	18.55	
For 3" To 4" Wall Instead Of 1", Add	120.79	
For Aluminum Liner, Add	13.60	
For 2" Wall Instead Of 1", Add	78.94	
23 51 16 00-0017 LF 26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	346.11	19.50
For Stainless Steel Liner, Add	22.31	
For 3" To 4" Wall Instead Of 1", Add	143.57	
For Aluminum Liner, Add	16.36	
For 2" Wall Instead Of 1", Add	94.09	
23 51 16 00-0018 LF 28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	363.30	20.14
For Stainless Steel Liner, Add	23.47	
For 3" To 4" Wall Instead Of 1", Add	150.91	
For Aluminum Liner, Add	17.21	
For 2" Wall Instead Of 1", Add	98.93	
23 51 16 00-0019 LF 30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	385.88	21.58
For Stainless Steel Liner, Add	24.90	
For 3" To 4" Wall Instead Of 1", Add	160.18	
For Aluminum Liner, Add	18.26	
For 2" Wall Instead Of 1", Add	104.99	
23 51 16 00-0020 LF 32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	439.75	22.40
For Stainless Steel Liner, Add	28.79	
For 3" To 4" Wall Instead Of 1", Add	183.92	
For Aluminum Liner, Add	21.11	
For 2" Wall Instead Of 1", Add	120.75	
23 51 16 00-0021 LF 34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	495.50	23.22
For Stainless Steel Liner, Add	32.81	
For 3" To 4" Wall Instead Of 1", Add	208.47	
For Aluminum Liner, Add	24.06	
For 2" Wall Instead Of 1", Add	137.05	
23 51 16 00-0022 LF 36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	522.02	24.16
For Stainless Steel Liner, Add	34.63	
For 3" To 4" Wall Instead Of 1", Add	219.82	
For Aluminum Liner, Add	25.39	
For 2" Wall Instead Of 1", Add	144.54	
23 51 16 00-0023 LF 38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	567.76	25.17
For Stainless Steel Liner, Add	37.87	
For 3" To 4" Wall Instead Of 1", Add	239.78	
For Aluminum Liner, Add	27.77	
For 2" Wall Instead Of 1", Add	157.76	
23 51 16 00-0024 LF 40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	627.61	26.24
For Stainless Steel Liner, Add	42.15	
For 3" To 4" Wall Instead Of 1", Add	266.02	
For Aluminum Liner, Add	30.91	
For 2" Wall Instead Of 1", Add	175.16	
23 51 16 00-0025 LF 42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	656.58	27.43
For Stainless Steel Liner, Add	44.09	
For 3" To 4" Wall Instead Of 1", Add	278.29	
For Aluminum Liner, Add	32.34	
For 2" Wall Instead Of 1", Add	183.24	
23 51 16 00-0026 LF 44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	729.01	28.75
For Stainless Steel Liner, Add	49.28	
For 3" To 4" Wall Instead Of 1", Add	310.07	
For Aluminum Liner, Add	36.14	
For 2" Wall Instead Of 1", Add	204.32	
23 51 16 00-0027 LF 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	793.12	30.21
For Stainless Steel Liner, Add	53.82	
For 3" To 4" Wall Instead Of 1", Add	338.02	
For Aluminum Liner, Add	39.47	
For 2" Wall Instead Of 1", Add	222.83	
23 51 16 00-0028 LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	874.74	31.78
For Stainless Steel Liner, Add	59.66	
For 3" To 4" Wall Instead Of 1", Add	373.80	
For Aluminum Liner, Add	43.75	
For 2" Wall Instead Of 1", Add	246.56	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0029		<b>90 Degree Elbows</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	54.54	11.20
		<i>For Stainless Steel Liner, Add</i>	2.01	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.61	
		<i>For Aluminum Liner, Add</i>	1.47	
		<i>For 2" Wall Instead Of 1", Add</i>	10.81	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	61.12	11.82
		<i>For Stainless Steel Liner, Add</i>	2.37	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	20.13	
		<i>For Aluminum Liner, Add</i>	1.74	
		<i>For 2" Wall Instead Of 1", Add</i>	12.44	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	69.08	12.58
		<i>For Stainless Steel Liner, Add</i>	2.83	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	23.26	
		<i>For Aluminum Liner, Add</i>	2.08	
		<i>For 2" Wall Instead Of 1", Add</i>	14.46	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	77.15	13.40
		<i>For Stainless Steel Liner, Add</i>	3.29	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.40	
		<i>For Aluminum Liner, Add</i>	2.41	
		<i>For 2" Wall Instead Of 1", Add</i>	16.49	
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	94.35	14.35
		<i>For Stainless Steel Liner, Add</i>	4.40	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	33.54	
		<i>For Aluminum Liner, Add</i>	3.23	
		<i>For 2" Wall Instead Of 1", Add</i>	21.17	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	112.19	15.48
		<i>For Stainless Steel Liner, Add</i>	5.51	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	40.81	
		<i>For Aluminum Liner, Add</i>	4.04	
		<i>For 2" Wall Instead Of 1", Add</i>	25.92	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	211.09	16.80
		<i>For Stainless Steel Liner, Add</i>	12.68	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	84.47	
		<i>For Aluminum Liner, Add</i>	9.30	
		<i>For 2" Wall Instead Of 1", Add</i>	54.91	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	258.86	18.31
		<i>For Stainless Steel Liner, Add</i>	15.98	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	105.05	
		<i>For Aluminum Liner, Add</i>	11.72	
		<i>For 2" Wall Instead Of 1", Add</i>	68.51	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	342.63	19.19
		<i>For Stainless Steel Liner, Add</i>	22.10	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	142.20	
		<i>For Aluminum Liner, Add</i>	16.21	
		<i>For 2" Wall Instead Of 1", Add</i>	93.20	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	426.50	20.14
		<i>For Stainless Steel Liner, Add</i>	28.22	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	179.37	
		<i>For Aluminum Liner, Add</i>	20.69	
		<i>For 2" Wall Instead Of 1", Add</i>	117.90	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	558.64	21.21
		<i>For Stainless Steel Liner, Add</i>	37.92	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	238.13	
		<i>For Aluminum Liner, Add</i>	27.81	
		<i>For 2" Wall Instead Of 1", Add</i>	156.98	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	782.09	33.54
		<i>For Stainless Steel Liner, Add</i>	52.36	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	330.96	
		<i>For Aluminum Liner, Add</i>	38.40	
		<i>For 2" Wall Instead Of 1", Add</i>	217.84	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,044.24	35.55
		<i>For Stainless Steel Liner, Add</i>	71.65	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	447.69	
		<i>For Aluminum Liner, Add</i>	52.54	
		<i>For 2" Wall Instead Of 1", Add</i>	295.50	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,182.12	37.75
		<i>For Stainless Steel Liner, Add</i>	81.57	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	508.33	
		<i>For Aluminum Liner, Add</i>	59.82	
		<i>For 2" Wall Instead Of 1", Add</i>	335.74	
23 51 16 00-0044		<b>45 Degree Elbows</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	43.37	11.20
		<i>For Stainless Steel Liner, Add</i>	1.16	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.53	
		<i>For Aluminum Liner, Add</i>	0.85	
		<i>For 2" Wall Instead Of 1", Add</i>	7.42	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	47.82	11.82
		<i>For Stainless Steel Liner, Add</i>	1.36	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.11	
		<i>For Aluminum Liner, Add</i>	1.00	
		<i>For 2" Wall Instead Of 1", Add</i>	8.42	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
<b>Central Heating Equipment</b>		<b>23 50</b>
<b>Breechings, Chimneys, And Stacks</b>		<b>23 51</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0047 EA 5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	52.87	12.58
For Stainless Steel Liner, Add	1.61	
For 3" To 4" Wall Instead Of 1", Add	15.92	
For Aluminum Liner, Add	1.18	
For 2" Wall Instead Of 1", Add	9.57	
23 51 16 00-0048 EA 6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	59.18	13.40
For Stainless Steel Liner, Add	1.92	
For 3" To 4" Wall Instead Of 1", Add	18.24	
For Aluminum Liner, Add	1.41	
For 2" Wall Instead Of 1", Add	11.04	
23 51 16 00-0049 EA 7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	72.68	14.35
For Stainless Steel Liner, Add	2.76	
For 3" To 4" Wall Instead Of 1", Add	23.72	
For Aluminum Liner, Add	2.02	
For 2" Wall Instead Of 1", Add	14.62	
23 51 16 00-0050 EA 8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	80.96	15.48
For Stainless Steel Liner, Add	3.17	
For 3" To 4" Wall Instead Of 1", Add	26.76	
For Aluminum Liner, Add	2.32	
For 2" Wall Instead Of 1", Add	16.55	
23 51 16 00-0051 EA 10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	147.60	16.80
For Stainless Steel Liner, Add	7.92	
For 3" To 4" Wall Instead Of 1", Add	55.93	
For Aluminum Liner, Add	5.81	
For 2" Wall Instead Of 1", Add	35.89	
23 51 16 00-0052 EA 12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	178.95	18.31
For Stainless Steel Liner, Add	9.99	
For 3" To 4" Wall Instead Of 1", Add	69.09	
For Aluminum Liner, Add	7.33	
For 2" Wall Instead Of 1", Add	44.54	
23 51 16 00-0053 EA 14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	235.36	19.19
For Stainless Steel Liner, Add	14.06	
For 3" To 4" Wall Instead Of 1", Add	93.92	
For Aluminum Liner, Add	10.31	
For 2" Wall Instead Of 1", Add	61.02	
23 51 16 00-0054 EA 16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	285.48	20.14
For Stainless Steel Liner, Add	17.64	
For 3" To 4" Wall Instead Of 1", Add	115.89	
For Aluminum Liner, Add	12.93	
For 2" Wall Instead Of 1", Add	75.58	
23 51 16 00-0055 EA 18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	368.98	21.21
For Stainless Steel Liner, Add	23.70	
For 3" To 4" Wall Instead Of 1", Add	152.80	
For Aluminum Liner, Add	17.38	
For 2" Wall Instead Of 1", Add	100.10	
23 51 16 00-0056 EA 20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	440.09	33.48
For Stainless Steel Liner, Add	26.73	
For 3" To 4" Wall Instead Of 1", Add	177.12	
For Aluminum Liner, Add	19.60	
For 2" Wall Instead Of 1", Add	115.29	
23 51 16 00-0057 EA 22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	625.35	35.55
For Stainless Steel Liner, Add	40.24	
For 3" To 4" Wall Instead Of 1", Add	259.19	
For Aluminum Liner, Add	29.51	
For 2" Wall Instead Of 1", Add	169.83	
23 51 16 00-0058 EA 24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	774.09	37.75
For Stainless Steel Liner, Add	50.98	
For 3" To 4" Wall Instead Of 1", Add	324.76	
For Aluminum Liner, Add	37.39	
For 2" Wall Instead Of 1", Add	213.36	
23 51 16 00-0059 EA 26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,438.64	39.01
For Stainless Steel Liner, Add	100.59	
For 3" To 4" Wall Instead Of 1", Add	623.02	
For Aluminum Liner, Add	73.76	
For 2" Wall Instead Of 1", Add	412.10	
23 51 16 00-0060 EA 28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,478.53	40.27
For Stainless Steel Liner, Add	103.34	
For 3" To 4" Wall Instead Of 1", Add	640.19	
For Aluminum Liner, Add	75.79	
For 2" Wall Instead Of 1", Add	423.44	
23 51 16 00-0061 EA 30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,558.32	42.79
For Stainless Steel Liner, Add	108.86	
For 3" To 4" Wall Instead Of 1", Add	674.52	
For Aluminum Liner, Add	79.83	
For 2" Wall Instead Of 1", Add	446.11	
23 51 16 00-0062 EA 32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,745.17	44.05
For Stainless Steel Liner, Add	122.63	
For 3" To 4" Wall Instead Of 1", Add	757.82	
For Aluminum Liner, Add	89.93	
For 2" Wall Instead Of 1", Add	501.54	
23 51 16 00-0063 EA 34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,907.64	46.56
For Stainless Steel Liner, Add	134.35	
For 3" To 4" Wall Instead Of 1", Add	829.35	
For Aluminum Liner, Add	98.52	
For 2" Wall Instead Of 1", Add	549.02	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0064	EA		36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,962.99	50.34
			<i>For Stainless Steel Liner, Add</i>	137.79	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	851.91	
			<i>For Aluminum Liner, Add</i>	101.05	
			<i>For 2" Wall Instead Of 1", Add</i>	563.75	
23 51 16 00-0065	EA		38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,105.19	52.10
			<i>For Stainless Steel Liner, Add</i>	148.13	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	914.79	
			<i>For Aluminum Liner, Add</i>	108.63	
			<i>For 2" Wall Instead Of 1", Add</i>	605.52	
23 51 16 00-0066	EA		40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,244.87	52.86
			<i>For Stainless Steel Liner, Add</i>	158.46	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	977.18	
			<i>For Aluminum Liner, Add</i>	116.20	
			<i>For 2" Wall Instead Of 1", Add</i>	647.05	
23 51 16 00-0067	EA		42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,343.01	55.37
			<i>For Stainless Steel Liner, Add</i>	165.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,019.77	
			<i>For Aluminum Liner, Add</i>	121.26	
			<i>For 2" Wall Instead Of 1", Add</i>	675.24	
23 51 16 00-0068	EA		44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,487.09	57.89
			<i>For Stainless Steel Liner, Add</i>	175.68	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,083.03	
			<i>For Aluminum Liner, Add</i>	128.84	
			<i>For 2" Wall Instead Of 1", Add</i>	717.20	
23 51 16 00-0069	EA		46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,677.09	60.40
			<i>For Stainless Steel Liner, Add</i>	189.46	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,166.97	
			<i>For Aluminum Liner, Add</i>	138.94	
			<i>For 2" Wall Instead Of 1", Add</i>	772.95	
23 51 16 00-0070	EA		48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,775.25	62.93
			<i>For Stainless Steel Liner, Add</i>	196.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,209.56	
			<i>For Aluminum Liner, Add</i>	143.99	
			<i>For 2" Wall Instead Of 1", Add</i>	801.14	
23 51 16 00-0071			<b>Tees</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0072	EA		3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	75.00	14.91
			<i>For Stainless Steel Liner, Add</i>	2.82	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	24.42	
			<i>For Aluminum Liner, Add</i>	2.07	
			<i>For 2" Wall Instead Of 1", Add</i>	15.03	
23 51 16 00-0073	EA		4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	78.20	15.48
			<i>For Stainless Steel Liner, Add</i>	2.96	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	25.52	
			<i>For Aluminum Liner, Add</i>	2.17	
			<i>For 2" Wall Instead Of 1", Add</i>	15.72	
23 51 16 00-0074	EA		5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	81.62	16.11
			<i>For Stainless Steel Liner, Add</i>	3.10	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.66	
			<i>For Aluminum Liner, Add</i>	2.27	
			<i>For 2" Wall Instead Of 1", Add</i>	16.43	
23 51 16 00-0075	EA		6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	87.90	16.80
			<i>For Stainless Steel Liner, Add</i>	3.44	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	29.06	
			<i>For Aluminum Liner, Add</i>	2.53	
			<i>For 2" Wall Instead Of 1", Add</i>	17.98	
23 51 16 00-0076	EA		7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	107.18	17.49
			<i>For Stainless Steel Liner, Add</i>	4.75	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	37.28	
			<i>For Aluminum Liner, Add</i>	3.49	
			<i>For 2" Wall Instead Of 1", Add</i>	23.39	
23 51 16 00-0077	EA		8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	115.55	18.31
			<i>For Stainless Steel Liner, Add</i>	5.24	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	40.56	
			<i>For Aluminum Liner, Add</i>	3.84	
			<i>For 2" Wall Instead Of 1", Add</i>	25.52	
23 51 16 00-0078	EA		10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	237.17	19.19
			<i>For Stainless Steel Liner, Add</i>	14.19	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	94.74	
			<i>For Aluminum Liner, Add</i>	10.41	
			<i>For 2" Wall Instead Of 1", Add</i>	61.56	
23 51 16 00-0079	EA		12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	278.14	20.14
			<i>For Stainless Steel Liner, Add</i>	17.09	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	112.58	
			<i>For Aluminum Liner, Add</i>	12.53	
			<i>For 2" Wall Instead Of 1", Add</i>	73.38	
23 51 16 00-0080	EA		14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	427.04	22.40
			<i>For Stainless Steel Liner, Add</i>	27.83	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	178.19	
			<i>For Aluminum Liner, Add</i>	20.41	
			<i>For 2" Wall Instead Of 1", Add</i>	116.93	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
<b>Central Heating Equipment</b>		<b>23 50</b>
<b>Breechings, Chimneys, And Stacks</b>		<b>23 51</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0081 EA 16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	588.35 39.41 249.03 28.90 163.93	25.17
23 51 16 00-0082 EA 18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	733.30 49.61 312.01 36.38 205.61	28.75
23 51 16 00-0083 EA 20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	979.83 66.83 418.73 49.01 276.19	35.55
23 51 16 00-0084 EA 22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	1,227.62 83.36 523.40 61.13 345.07	46.44
23 51 16 00-0085 EA 24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	1,417.95 97.14 607.40 71.24 400.84	49.08
23 51 16 00-0086 EA 26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	1,969.42 137.79 853.19 101.05 564.39	52.86
23 51 16 00-0087 EA 28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	2,204.14 155.02 957.55 113.68 633.79	54.94
23 51 16 00-0088 EA 30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	2,395.32 168.80 1,041.71 123.78 689.65	57.89
23 51 16 00-0089 EA 32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	2,769.02 196.35 1,208.32 143.99 800.51	60.40
23 51 16 00-0090 EA 34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	2,821.29 199.80 1,230.25 146.52 814.93	62.93
23 51 16 00-0091 EA 36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	3,291.16 234.25 1,439.05 171.78 953.77	67.14
23 51 16 00-0092 EA 38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	3,358.06 237.69 1,463.91 174.31 969.65	75.51
23 51 16 00-0093 EA 40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	3,660.59 258.36 1,593.32 189.46 1,055.02	86.33
23 51 16 00-0094 EA 42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	4,018.01 282.47 1,745.18 207.15 1,155.06	100.68
23 51 16 00-0095 EA 44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	4,370.76 306.59 1,896.11 224.83 1,254.64	113.26
23 51 16 00-0096 EA 46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	4,793.60 337.59 2,084.02 247.57 1,379.60	117.04
23 51 16 00-0097 EA 48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	5,078.72 358.26 2,209.94 262.72 1,463.23	120.81

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0098			<b>Vent Top Caps</b> (23 51 16 00-0001)		
23 51 16 00-0099	EA		3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	36.12	8.75
			For Stainless Steel Liner, Add	1.07	
			For 3" To 4" Wall Instead Of 1", Add	10.78	
			For Aluminum Liner, Add	0.78	
			For 2" Wall Instead Of 1", Add	6.46	
23 51 16 00-0100	EA		4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	37.87	9.19
			For Stainless Steel Liner, Add	1.12	
			For 3" To 4" Wall Instead Of 1", Add	11.32	
			For Aluminum Liner, Add	0.82	
			For 2" Wall Instead Of 1", Add	6.78	
23 51 16 00-0101	EA		6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	51.17	10.07
			For Stainless Steel Liner, Add	1.95	
			For 3" To 4" Wall Instead Of 1", Add	16.73	
			For Aluminum Liner, Add	1.43	
			For 2" Wall Instead Of 1", Add	10.32	
23 51 16 00-0102	EA		8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	53.94	11.20
			For Stainless Steel Liner, Add	1.95	
			For 3" To 4" Wall Instead Of 1", Add	17.29	
			For Aluminum Liner, Add	1.43	
			For 2" Wall Instead Of 1", Add	10.59	
23 51 16 00-0103	EA		10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	67.88	11.82
			For Stainless Steel Liner, Add	2.87	
			For 3" To 4" Wall Instead Of 1", Add	23.15	
			For Aluminum Liner, Add	2.11	
			For 2" Wall Instead Of 1", Add	14.45	
23 51 16 00-0104	EA		12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	81.98	12.58
			For Stainless Steel Liner, Add	3.79	
			For 3" To 4" Wall Instead Of 1", Add	29.03	
			For Aluminum Liner, Add	2.78	
			For 2" Wall Instead Of 1", Add	18.30	
23 51 16 00-0105	EA		16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	213.22	14.35
			For Stainless Steel Liner, Add	13.30	
			For 3" To 4" Wall Instead Of 1", Add	86.97	
			For Aluminum Liner, Add	9.75	
			For 2" Wall Instead Of 1", Add	56.78	
23 51 16 00-0106	EA		18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	408.70	18.00
			For Stainless Steel Liner, Add	27.28	
			For 3" To 4" Wall Instead Of 1", Add	172.68	
			For Aluminum Liner, Add	20.01	
			For 2" Wall Instead Of 1", Add	113.62	
23 51 16 00-0107	EA		20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	770.45	21.58
			For Stainless Steel Liner, Add	53.74	
			For 3" To 4" Wall Instead Of 1", Add	333.22	
			For Aluminum Liner, Add	39.41	
			For 2" Wall Instead Of 1", Add	220.35	
23 51 16 00-0108	EA		24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	1,288.09	30.21
			For Stainless Steel Liner, Add	90.94	
			For 3" To 4" Wall Instead Of 1", Add	560.76	
			For Aluminum Liner, Add	66.69	
			For 2" Wall Instead Of 1", Add	371.32	
23 51 16 00-0109	EA		26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	1,916.68	31.78
			For Stainless Steel Liner, Add	137.79	
			For 3" To 4" Wall Instead Of 1", Add	842.64	
			For Aluminum Liner, Add	101.05	
			For 2" Wall Instead Of 1", Add	559.11	
23 51 16 00-0110	EA		28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,150.78	33.54
			For Stainless Steel Liner, Add	155.02	
			For 3" To 4" Wall Instead Of 1", Add	946.88	
			For Aluminum Liner, Add	113.68	
			For 2" Wall Instead Of 1", Add	628.45	
23 51 16 00-0111	EA		30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,431.34	35.55
			For Stainless Steel Liner, Add	175.68	
			For 3" To 4" Wall Instead Of 1", Add	1,071.88	
			For Aluminum Liner, Add	128.84	
			For 2" Wall Instead Of 1", Add	711.63	
23 51 16 00-0112	EA		32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,574.68	37.75
			For Stainless Steel Liner, Add	186.02	
			For 3" To 4" Wall Instead Of 1", Add	1,135.00	
			For Aluminum Liner, Add	136.41	
			For 2" Wall Instead Of 1", Add	753.52	
23 51 16 00-0113	EA		34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,718.76	40.27
			For Stainless Steel Liner, Add	196.35	
			For 3" To 4" Wall Instead Of 1", Add	1,198.26	
			For Aluminum Liner, Add	143.99	
			For 2" Wall Instead Of 1", Add	795.49	
23 51 16 00-0114	EA		36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	2,909.59	43.16
			For Stainless Steel Liner, Add	210.13	
			For 3" To 4" Wall Instead Of 1", Add	1,282.36	
			For Aluminum Liner, Add	154.10	
			For 2" Wall Instead Of 1", Add	851.31	

23 51 16 00-0115 Wall Thimbles (23 51 16 00-0001)



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
<b>Central Heating Equipment</b>		<b>23 50</b>
<b>Breechings, Chimneys, And Stacks</b>		<b>23 51</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0116	EA		3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	13.39 0.12 3.09 0.09 1.67	4.72
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	16.84 0.13 3.79 0.09 2.02	6.04
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	22.36 0.15 4.99 0.11 2.65	8.12
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	28.10 0.22 6.35 0.16 3.40	10.07
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	41.51 0.56 10.18 0.41 5.66	13.59
23 51 16 00-0121	EA		12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	52.82 0.80 13.23 0.59 7.41	16.86
23 51 16 00-0122	EA		14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	68.40 1.35 18.20 0.99 10.45	20.14
23 51 16 00-0123	EA		18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	92.11 2.42 26.50 1.78 15.68	23.91
23 51 16 00-0124	EA		22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	131.06 4.88 42.46 3.58 26.11	26.42
<b>23 51 16 00-0125</b>	<b>Adjustable Roof Flashing <small>(23 51 16 00-0001)</small></b>				
23 51 16 00-0126	EA		3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	38.50 0.79 10.34 0.58 5.96	11.20
23 51 16 00-0127	EA		4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	43.23 1.02 12.05 0.75 7.04	11.82
23 51 16 00-0128	EA		6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	56.32 1.71 16.96 1.25 10.19	13.40
23 51 16 00-0129	EA		8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	69.84 2.34 21.75 1.71 13.21	15.48
23 51 16 00-0130	EA		10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	127.40 6.41 46.84 4.70 29.83	16.80
23 51 16 00-0131	EA		12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	154.14 8.13 57.93 5.96 37.09	18.31
23 51 16 00-0132	EA		14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe ..... <i>For Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 2" Wall Instead Of 1", Add</i>	183.54 9.99 70.01 7.33 44.99	20.14

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0133	EA		16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	221.36	22.40
			<i>For Stainless Steel Liner, Add</i>	12.40	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	85.61	
			<i>For Aluminum Liner, Add</i>	9.09	
			<i>For 2" Wall Instead Of 1", Add</i>	55.21	
23 51 16 00-0134	EA		18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	347.72	25.17
			<i>For Stainless Steel Liner, Add</i>	21.36	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	140.74	
			<i>For Aluminum Liner, Add</i>	15.66	
			<i>For 2" Wall Instead Of 1", Add</i>	91.73	
23 51 16 00-0135	EA		20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	374.18	33.54
			<i>For Stainless Steel Liner, Add</i>	21.77	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	147.41	
			<i>For Aluminum Liner, Add</i>	15.97	
			<i>For 2" Wall Instead Of 1", Add</i>	95.47	
23 51 16 00-0136	EA		22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	475.33	43.16
			<i>For Stainless Steel Liner, Add</i>	27.56	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	186.93	
			<i>For Aluminum Liner, Add</i>	20.21	
			<i>For 2" Wall Instead Of 1", Add</i>	121.02	
23 51 16 00-0137	EA		24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	566.77	50.34
			<i>For Stainless Steel Liner, Add</i>	33.07	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	223.59	
			<i>For Aluminum Liner, Add</i>	24.25	
			<i>For 2" Wall Instead Of 1", Add</i>	144.86	
<b>23 51 16 00-0138</b>			<b>Galvanized Storm Collars</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0139	EA		3" Round Galvanized Storm Collar, Double Wall .....	14.81	4.72
			<i>For Stainless Steel Liner, Add</i>	0.23	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	3.72	
			<i>For Aluminum Liner, Add</i>	0.17	
			<i>For 2" Wall Instead Of 1", Add</i>	2.09	
23 51 16 00-0140	EA		4" Round Galvanized Storm Collar, Double Wall .....	18.60	6.04
			<i>For Stainless Steel Liner, Add</i>	0.26	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	4.60	
			<i>For Aluminum Liner, Add</i>	0.19	
			<i>For 2" Wall Instead Of 1", Add</i>	2.56	
23 51 16 00-0141	EA		5" Round Galvanized Storm Collar, Double Wall .....	21.97	7.05
			<i>For Stainless Steel Liner, Add</i>	0.33	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	5.48	
			<i>For Aluminum Liner, Add</i>	0.24	
			<i>For 2" Wall Instead Of 1", Add</i>	3.07	
23 51 16 00-0142	EA		6" Round Galvanized Storm Collar, Double Wall .....	25.37	8.05
			<i>For Stainless Steel Liner, Add</i>	0.39	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	6.38	
			<i>For Aluminum Liner, Add</i>	0.29	
			<i>For 2" Wall Instead Of 1", Add</i>	3.58	
23 51 16 00-0143	EA		7" Or 8" Round Galvanized Storm Collar, Double Wall .....	32.13	10.07
			<i>For Stainless Steel Liner, Add</i>	0.52	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.17	
			<i>For Aluminum Liner, Add</i>	0.38	
			<i>For 2" Wall Instead Of 1", Add</i>	4.61	
23 51 16 00-0144	EA		10" Round Galvanized Storm Collar, Double Wall .....	44.88	13.59
			<i>For Stainless Steel Liner, Add</i>	0.82	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	11.70	
			<i>For Aluminum Liner, Add</i>	0.60	
			<i>For 2" Wall Instead Of 1", Add</i>	6.67	
23 51 16 00-0145	EA		12" Round Galvanized Storm Collar, Double Wall .....	55.26	16.86
			<i>For Stainless Steel Liner, Add</i>	0.98	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.33	
			<i>For Aluminum Liner, Add</i>	0.72	
			<i>For 2" Wall Instead Of 1", Add</i>	8.15	
23 51 16 00-0146	EA		14" Or 16" Round Galvanized Storm Collar, Double Wall .....	72.58	20.14
			<i>For Stainless Steel Liner, Add</i>	1.67	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	20.08	
			<i>For Aluminum Liner, Add</i>	1.22	
			<i>For 2" Wall Instead Of 1", Add</i>	11.71	
23 51 16 00-0147	EA		18" Or 20" Round Galvanized Storm Collar, Double Wall .....	100.03	23.91
			<i>For Stainless Steel Liner, Add</i>	3.02	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	30.07	
			<i>For Aluminum Liner, Add</i>	2.21	
			<i>For 2" Wall Instead Of 1", Add</i>	18.05	
23 51 16 00-0148	EA		22" Or 24" Round Galvanized Storm Collar, Double Wall .....	150.86	26.42
			<i>For Stainless Steel Liner, Add</i>	6.36	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	51.37	
			<i>For Aluminum Liner, Add</i>	4.66	
			<i>For 2" Wall Instead Of 1", Add</i>	32.05	
<b>23 51 16 00-0149</b>			<b>Oval Galvanized Double Wall Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small>		
<b>23 51 16 00-0150</b>			<b>Oval Galvanized Double Wall Flue/Vent Pipe</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0151	LF		4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe .....	27.97	5.91
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.89	
			<i>For 2" Wall Instead Of 1", Add</i>	5.43	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0152 LF 5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	31.26 10.16 6.25	6.30
23 51 16 00-0153 LF 6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	34.94 11.52 7.12	6.73
<b>23 51 16 00-0154 45 Degree Elbows</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0155 EA 4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	62.25 20.34 12.54	12.27
23 51 16 00-0156 EA 5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	72.61 23.71 14.61	14.35
23 51 16 00-0157 EA 6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	87.71 29.32 18.19	16.23
23 51 16 00-0158 EA 4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	63.83 21.05 13.01	12.27
23 51 16 00-0159 EA 5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	76.45 25.44 15.76	14.35
23 51 16 00-0160 EA 6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	90.19 30.44 18.94	16.23
<b>23 51 16 00-0161 Tees</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0162 EA 4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	106.80 36.41 22.72	18.62
23 51 16 00-0163 EA 4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	109.28 37.52 23.46	18.62
23 51 16 00-0164 EA 5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	125.62 43.16 26.99	21.39
23 51 16 00-0165 EA 6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	144.46 50.02 31.35	23.97
<b>23 51 16 00-0166 Tops/Caps And Adjustable Flashing</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0167 EA 4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	42.44 15.31 9.70	6.04
23 51 16 00-0168 EA 6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	68.20 25.62 16.40	8.12
23 51 16 00-0169 EA 4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	32.74 10.94 6.79	6.04
23 51 16 00-0170 EA 6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	59.07 21.51 13.66	8.12
<b>23 51 16 00-0171 Storm Collars</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0172 EA 4" Oval Galvanized Storm Collar, Double Wall..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	18.60 4.60 2.56	6.04
23 51 16 00-0173 EA 5" Oval Galvanized Storm Collar, Double Wall..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	21.97 5.48 3.07	7.05
23 51 16 00-0174 EA 6" Oval Galvanized Storm Collar, Double Wall..... <i>For 3" To 4" Wall Instead Of 1", Add</i> <i>For 2" Wall Instead Of 1", Add</i>	25.37 6.38 3.58	8.05
<b>23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small> Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
<b>23 51 16 00-0176 Round Double Wall Flue/Vent Pipe</b> <small>(23 51 16 00-0175)</small> Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177 LF 6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket..... <i>For 316 Stainless Steel, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	74.83 9.28 11.60 5.80	6.73

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0178	LF		8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	90.20	7.74
			<i>For 316 Stainless Steel, Add</i> .....	11.33	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	14.16	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	7.08	
23 51 16 00-0179	LF		10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	100.31	8.36
			<i>For 316 Stainless Steel, Add</i> .....	12.70	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	15.87	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	7.94	
23 51 16 00-0180	LF		12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	113.32	9.12
			<i>For 316 Stainless Steel, Add</i> .....	14.47	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	18.09	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	9.05	
23 51 16 00-0181	LF		14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	128.07	9.56
			<i>For 316 Stainless Steel, Add</i> .....	16.66	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	20.82	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	10.41	
23 51 16 00-0182	LF		16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	135.29	10.07
			<i>For 316 Stainless Steel, Add</i> .....	17.61	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	22.02	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	11.01	
23 51 16 00-0183	LF		18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	150.25	10.63
			<i>For 316 Stainless Steel, Add</i> .....	19.80	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	24.75	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	12.37	
23 51 16 00-0184	LF		20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	183.62	16.80
			<i>For 316 Stainless Steel, Add</i> .....	22.66	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	28.33	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	14.17	
23 51 16 00-0185	LF		24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	229.82	18.88
			<i>For 316 Stainless Steel, Add</i> .....	29.22	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	36.52	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	18.26	
23 51 16 00-0186	LF		28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	260.22	20.14
			<i>For 316 Stainless Steel, Add</i> .....	33.59	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	41.98	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	20.99	
23 51 16 00-0187	LF		32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	291.38	22.34
			<i>For 316 Stainless Steel, Add</i> .....	37.68	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	47.10	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	23.55	
23 51 16 00-0188	LF		36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	324.85	24.16
			<i>For 316 Stainless Steel, Add</i> .....	42.32	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	52.90	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	26.45	
23 51 16 00-0189	LF		42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	370.87	27.49
			<i>For 316 Stainless Steel, Add</i> .....	48.33	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	60.41	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	30.21	
23 51 16 00-0190	LF		48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	434.58	31.84
			<i>For 316 Stainless Steel, Add</i> .....	56.80	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	71.00	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	35.50	
<b>23 51 16 00-0191</b>			<b>90 Degree Elbows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0192	EA		6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	364.13	13.90
			<i>For 316 Stainless Steel, Add</i> .....	65.88	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	65.88	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	32.94	
23 51 16 00-0193	EA		8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	402.20	15.48
			<i>For 316 Stainless Steel, Add</i> .....	72.70	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	72.70	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	36.35	
23 51 16 00-0194	EA		10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	458.40	16.80
			<i>For 316 Stainless Steel, Add</i> .....	83.28	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	83.28	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	41.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0195 EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	518.48	18.31
<i>For 316 Stainless Steel, Add</i>	94.55	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	94.55	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.27	
23 51 16 00-0196 EA 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	602.60	19.19
<i>For 316 Stainless Steel, Add</i>	110.93	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	110.93	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	55.47	
23 51 16 00-0197 EA 16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	664.71	20.14
<i>For 316 Stainless Steel, Add</i>	122.88	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	122.88	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	61.44	
23 51 16 00-0198 EA 18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	769.76	21.21
<i>For 316 Stainless Steel, Add</i>	143.36	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	143.36	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	71.68	
23 51 16 00-0199 EA 20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	886.01	33.54
<i>For 316 Stainless Steel, Add</i>	160.42	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	160.42	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	80.21	
23 51 16 00-0200 EA 24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,092.75	37.75
<i>For 316 Stainless Steel, Add</i>	199.67	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	199.67	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	99.84	
23 51 16 00-0201 EA 28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,329.44	40.27
<i>For 316 Stainless Steel, Add</i>	245.75	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	245.75	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	122.88	
23 51 16 00-0202 EA 32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,763.23	43.10
<i>For 316 Stainless Steel, Add</i>	331.08	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	331.08	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	165.54	
23 51 16 00-0203 EA 36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,003.11	50.34
<i>For 316 Stainless Steel, Add</i>	375.45	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	375.45	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	187.73	
23 51 16 00-0204 EA 42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,953.16	54.94
<i>For 316 Stainless Steel, Add</i>	563.18	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	563.18	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	281.59	
23 51 16 00-0205 EA 48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	3,692.24	60.40
<i>For 316 Stainless Steel, Add</i>	708.24	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	708.24	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	354.12	
<b>23 51 16 00-0206 45 Degree Elbows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0207 EA 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	240.04	13.40
<i>For 316 Stainless Steel, Add</i>	41.30	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	41.30	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	20.65	
23 51 16 00-0208 EA 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	274.20	15.48
<i>For 316 Stainless Steel, Add</i>	47.10	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	47.10	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	23.55	
23 51 16 00-0209 EA 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	304.79	16.80
<i>For 316 Stainless Steel, Add</i>	52.56	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	52.56	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	26.28	
23 51 16 00-0210 EA 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	347.82	18.31
<i>For 316 Stainless Steel, Add</i>	60.41	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	60.41	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	30.21	
23 51 16 00-0211 EA 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	392.69	19.19
<i>For 316 Stainless Steel, Add</i>	68.95	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	68.95	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	34.47	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0212	EA		16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	441.14	20.14
			<i>For 316 Stainless Steel, Add</i>	78.16	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	78.16	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	39.08	
23 51 16 00-0213	EA		18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	494.99	21.21
			<i>For 316 Stainless Steel, Add</i>	88.40	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	88.40	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	44.20	
23 51 16 00-0214	EA		20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	589.06	33.54
			<i>For 316 Stainless Steel, Add</i>	101.03	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	101.03	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	50.52	
23 51 16 00-0215	EA		24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	742.89	37.75
			<i>For 316 Stainless Steel, Add</i>	129.70	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	129.70	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	64.85	
23 51 16 00-0216	EA		28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	834.52	40.27
			<i>For 316 Stainless Steel, Add</i>	146.77	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	146.77	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	73.38	
23 51 16 00-0217	EA		32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,089.12	43.10
			<i>For 316 Stainless Steel, Add</i>	196.26	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	196.26	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	98.13	
23 51 16 00-0218	EA		36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,448.46	50.34
			<i>For 316 Stainless Steel, Add</i>	264.52	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	264.52	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	132.26	
23 51 16 00-0219	EA		42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,929.19	54.94
			<i>For 316 Stainless Steel, Add</i>	358.39	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	358.39	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	179.19	
23 51 16 00-0220	EA		48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,582.95	60.40
			<i>For 316 Stainless Steel, Add</i>	486.38	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	486.38	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	243.19	
23 51 16 00-0221			<b>Tees</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0222	EA		6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	258.73	16.80
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	43.35	
			<i>For Tee Cap, Add</i>	58.04	
			<i>For 316 Stainless Steel, Add</i>	47.68	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	21.67	
23 51 16 00-0223	EA		8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	294.92	18.31
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	49.83	
			<i>For Tee Cap, Add</i>	65.85	
			<i>For 316 Stainless Steel, Add</i>	54.82	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	24.92	
23 51 16 00-0224	EA		10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	339.76	19.19
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	58.37	
			<i>For Tee Cap, Add</i>	75.14	
			<i>For 316 Stainless Steel, Add</i>	64.20	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	29.18	
23 51 16 00-0225	EA		12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	391.65	20.14
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	68.26	
			<i>For Tee Cap, Add</i>	85.88	
			<i>For 316 Stainless Steel, Add</i>	75.09	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	34.13	
23 51 16 00-0226	EA		14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	458.69	22.40
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	80.55	
			<i>For Tee Cap, Add</i>	100.13	
			<i>For 316 Stainless Steel, Add</i>	88.61	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	40.28	
23 51 16 00-0227	EA		16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	515.14	25.17
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	90.45	
			<i>For Tee Cap, Add</i>	112.46	
			<i>For 316 Stainless Steel, Add</i>	99.50	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	45.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0228 EA 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	600.91	28.75
For 3" Insulated Wall Instead Of 1" Thickness, Add	105.81	
For Tee Cap, Add	130.96	
For 316 Stainless Steel, Add	116.39	
For 2" Insulated Wall Instead Of 1" Thickness, Add	52.91	
23 51 16 00-0229 EA 20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	686.14	35.55
For 3" Insulated Wall Instead Of 1" Thickness, Add	119.46	
For Tee Cap, Add	150.55	
For 316 Stainless Steel, Add	131.41	
For 2" Insulated Wall Instead Of 1" Thickness, Add	59.73	
23 51 16 00-0230 EA 24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	868.22	50.34
For 3" Insulated Wall Instead Of 1" Thickness, Add	148.48	
For Tee Cap, Add	192.52	
For 316 Stainless Steel, Add	163.32	
For 2" Insulated Wall Instead Of 1" Thickness, Add	74.24	
23 51 16 00-0231 EA 28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,058.82	54.94
For 3" Insulated Wall Instead Of 1" Thickness, Add	184.31	
For Tee Cap, Add	232.35	
For 316 Stainless Steel, Add	202.75	
For 2" Insulated Wall Instead Of 1" Thickness, Add	92.16	
23 51 16 00-0232 EA 32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,413.91	60.40
For 3" Insulated Wall Instead Of 1" Thickness, Add	252.58	
For Tee Cap, Add	305.44	
For 316 Stainless Steel, Add	277.84	
For 2" Insulated Wall Instead Of 1" Thickness, Add	126.29	
23 51 16 00-0233 EA 36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,575.83	67.14
For 3" Insulated Wall Instead Of 1" Thickness, Add	281.59	
For Tee Cap, Add	340.35	
For 316 Stainless Steel, Add	309.75	
For 2" Insulated Wall Instead Of 1" Thickness, Add	140.80	
23 51 16 00-0234 EA 42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,512.96	100.68
For 3" Insulated Wall Instead Of 1" Thickness, Add	452.25	
For Tee Cap, Add	540.35	
For 316 Stainless Steel, Add	497.48	
For 2" Insulated Wall Instead Of 1" Thickness, Add	226.13	
23 51 16 00-0235 EA 48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	3,160.62	120.81
For 3" Insulated Wall Instead Of 1" Thickness, Add	571.71	
For Tee Cap, Add	677.43	
For 316 Stainless Steel, Add	628.89	
For 2" Insulated Wall Instead Of 1" Thickness, Add	285.86	
<b>23 51 16 00-0236 Bellows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0237 EA 6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	501.15	13.40
For 3" Insulated Wall Instead Of 1" Thickness, Add	93.52	
For 2" Insulated Wall Instead Of 1" Thickness, Add	46.76	
23 51 16 00-0238 EA 8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	545.55	15.48
For 3" Insulated Wall Instead Of 1" Thickness, Add	101.37	
For 2" Insulated Wall Instead Of 1" Thickness, Add	50.69	
23 51 16 00-0239 EA 10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	596.64	16.80
For 3" Insulated Wall Instead Of 1" Thickness, Add	110.93	
For 2" Insulated Wall Instead Of 1" Thickness, Add	55.47	
23 51 16 00-0240 EA 12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	660.13	18.31
For 3" Insulated Wall Instead Of 1" Thickness, Add	122.88	
For 2" Insulated Wall Instead Of 1" Thickness, Add	61.44	
23 51 16 00-0241 EA 14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	739.13	19.19
For 3" Insulated Wall Instead Of 1" Thickness, Add	138.24	
For 2" Insulated Wall Instead Of 1" Thickness, Add	69.12	
23 51 16 00-0242 EA 16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	818.30	20.14
For 3" Insulated Wall Instead Of 1" Thickness, Add	153.59	
For 2" Insulated Wall Instead Of 1" Thickness, Add	76.80	
23 51 16 00-0243 EA 18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	914.82	21.21
For 3" Insulated Wall Instead Of 1" Thickness, Add	172.37	
For 2" Insulated Wall Instead Of 1" Thickness, Add	86.18	
23 51 16 00-0244 EA 20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,056.66	33.54
For 3" Insulated Wall Instead Of 1" Thickness, Add	194.55	
For 2" Insulated Wall Instead Of 1" Thickness, Add	97.28	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,306.08	37.75
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	242.34	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	121.17	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,465.98	40.27
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	273.06	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	136.53	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,677.97	43.16
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	314.02	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	157.01	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,917.79	50.34
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	358.39	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	179.19	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,441.18	54.94
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	460.78	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	230.39	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,966.94	60.40
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	563.18	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	281.59	
<b>23 51 16 00-0251</b>		<b>Ventilated Roof Thimbles</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	328.84	15.48
		<i>For 316 Stainless Steel, Add</i>	29.01	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	356.35	18.31
		<i>For 316 Stainless Steel, Add</i>	31.06	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	389.94	20.14
		<i>For 316 Stainless Steel, Add</i>	33.96	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	421.18	22.40
		<i>For 316 Stainless Steel, Add</i>	36.52	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	538.79	23.72
		<i>For 316 Stainless Steel, Add</i>	47.96	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	479.32	25.17
		<i>For 316 Stainless Steel, Add</i>	41.64	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	515.98	26.87
		<i>For 316 Stainless Steel, Add</i>	44.88	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	575.65	37.75
		<i>For 316 Stainless Steel, Add</i>	48.13	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	645.33	43.10
		<i>For 316 Stainless Steel, Add</i>	53.76	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	739.01	46.44
		<i>For 316 Stainless Steel, Add</i>	62.29	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	825.47	50.27
		<i>For 316 Stainless Steel, Add</i>	69.97	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	918.89	60.34
		<i>For 316 Stainless Steel, Add</i>	76.80	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,183.15	67.07
		<i>For 316 Stainless Steel, Add</i>	101.54	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,468.60	75.45
		<i>For 316 Stainless Steel, Add</i>	128.00	
<b>23 51 16 00-0266</b>		<b>Exit Cones</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	228.41	8.75
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	240.71	9.56
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	258.97	10.07
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	270.54	10.57
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	298.55	10.89
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	326.58	11.14



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 51	16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	397.37	11.51
	23 51	16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	492.54	21.58
	23 51	16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	621.25	23.22
	23 51	16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	743.05	24.16
	23 51	16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	916.24	25.17
	23 51	16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,041.44	27.49
	23 51	16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,317.77	28.75
	23 51	16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,688.27	30.21
<b>23 51</b>	<b>16 00-0281</b>	<b>Vent Top Caps (23 51 16 00-0175)</b>				
	23 51	16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	250.55	8.75
	23 51	16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	290.20	9.56
	23 51	16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	337.46	10.07
	23 51	16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	388.27	10.57
	23 51	16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	453.82	10.89
	23 51	16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	516.04	11.20
	23 51	16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	574.87	11.51
	23 51	16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	685.34	21.58
	23 51	16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	817.51	23.22
	23 51	16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	888.08	24.16
	23 51	16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,010.06	25.17
	23 51	16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,177.89	27.43
	23 51	16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,437.18	28.75
	23 51	16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,671.15	30.21
<b>23 51</b>	<b>16 00-0296</b>	<b>Roof Support Assemblies (23 51 16 00-0175)</b>				
	23 51	16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	376.42	16.11
				<i>For 316 Stainless Steel, Add</i>	67.24	
	23 51	16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	414.87	19.19
				<i>For 316 Stainless Steel, Add</i>	73.38	
	23 51	16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	455.71	21.21
				<i>For 316 Stainless Steel, Add</i>	80.55	
	23 51	16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	485.83	23.66
				<i>For 316 Stainless Steel, Add</i>	85.33	
	23 51	16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	542.48	25.17
				<i>For 316 Stainless Steel, Add</i>	95.91	
	23 51	16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	575.69	26.87
				<i>For 316 Stainless Steel, Add</i>	101.71	
	23 51	16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	618.10	28.81
				<i>For 316 Stainless Steel, Add</i>	109.22	
	23 51	16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	680.93	40.27
				<i>For 316 Stainless Steel, Add</i>	116.05	
	23 51	16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	764.69	46.50
				<i>For 316 Stainless Steel, Add</i>	129.70	
	23 51	16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	885.28	50.34
				<i>For 316 Stainless Steel, Add</i>	151.89	
	23 51	16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,058.83	54.94
				<i>For 316 Stainless Steel, Add</i>	184.31	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0308	EA		36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,225.98	67.14
			<i>For 316 Stainless Steel, Add</i> .....	211.62	
23 51 16 00-0309	EA		42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,844.17	75.51
			<i>For 316 Stainless Steel, Add</i> .....	331.08	
23 51 16 00-0310	EA		48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,262.54	85.83
			<i>For 316 Stainless Steel, Add</i> .....	409.59	
23 51 16 00-0311			<b>Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings</b> (23 51 16) Note: With 1" insulation.		
23 51 16 00-0312			<b>Round Stainless Steel Double Wall Flue/Vent Pipe</b> (23 51 16 00-0311) Note: With 1" insulation.		
23 51 16 00-0313	LF		6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	64.60	6.73
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	4.78	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	9.56	
23 51 16 00-0314	LF		7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	79.43	7.17
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	6.14	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	12.29	
23 51 16 00-0315	LF		8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	91.06	7.74
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	7.17	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	14.34	
23 51 16 00-0316	LF		10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	125.01	8.36
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	10.41	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	20.82	
23 51 16 00-0317	LF		12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	162.84	9.19
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	13.99	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	27.99	
23 51 16 00-0318	LF		14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	208.34	9.63
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	18.43	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	36.86	
23 51 16 00-0319			<b>90 Degree Elbows</b> (23 51 16 00-0311)		
23 51 16 00-0320	EA		6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	140.23	13.40
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	10.67	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	21.33	
23 51 16 00-0321	EA		7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	155.39	14.35
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	11.95	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	23.89	
23 51 16 00-0322	EA		8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	175.24	15.48
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	13.65	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	27.31	
23 51 16 00-0323	EA		10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	219.46	16.80
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	17.75	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	35.50	
23 51 16 00-0324	EA		12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	262.49	18.31
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	21.67	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	43.35	
23 51 16 00-0325	EA		14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	307.32	19.19
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	25.94	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	51.88	
23 51 16 00-0326			<b>45 Degree Elbows</b> (23 51 16 00-0311)		
23 51 16 00-0327	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	113.57	13.40
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	8.00	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	16.00	
23 51 16 00-0328	EA		7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	125.53	14.35
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	8.96	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	17.92	
23 51 16 00-0329	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	141.12	15.48
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	10.24	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	20.48	
23 51 16 00-0330	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	175.09	16.80
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	13.31	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	26.62	
23 51 16 00-0331	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	208.29	18.31
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	16.26	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	32.51	
23 51 16 00-0332	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe .....	242.50	19.19
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	19.46	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	38.91	
23 51 16 00-0333			<b>Tees With Tee Caps</b> (23 51 16 00-0311)		
23 51 16 00-0334	EA		6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	234.92	13.40
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	20.14	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	40.28	
23 51 16 00-0335	EA		7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	298.75	14.35
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	26.28	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	52.56	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0336 EA 8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	335.65 29.70 59.39	15.48
23 51 16 00-0337 EA 10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	460.05 41.81 83.62	16.80
23 51 16 00-0338 EA 12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	634.51 58.88 117.76	18.31
23 51 16 00-0339 EA 14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	815.87 76.80 153.59	19.19
<b>23 51 16 00-0340 Joist Shields</b> <small>(23 51 16 00-0311)</small>		
23 51 16 00-0341 EA 6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	94.98	13.40
23 51 16 00-0342 EA 7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	102.49	14.35
23 51 16 00-0343 EA 8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	120.62	15.48
23 51 16 00-0344 EA 10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	152.07	16.80
23 51 16 00-0345 EA 12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	183.12	18.31
23 51 16 00-0346 EA 14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	218.58	19.19
<b>23 51 16 00-0347 Adjustable Roof Flashing</b> <small>(23 51 16 00-0311)</small>		
23 51 16 00-0348 EA 6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	114.60	13.40
23 51 16 00-0349 EA 7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	128.08	14.35
23 51 16 00-0350 EA 8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	139.38	15.48
23 51 16 00-0351 EA 10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	170.83	16.80
23 51 16 00-0352 EA 12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	212.17	18.31
23 51 16 00-0353 EA 14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	256.10	19.13
<b>23 51 16 00-0354 Vent Top Caps</b> <small>(23 51 16 00-0311)</small>		
23 51 16 00-0355 EA 6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	101.80	13.40
23 51 16 00-0356 EA 7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	128.93	14.35
23 51 16 00-0357 EA 8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	163.27	15.48
23 51 16 00-0358 EA 10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	265.57	16.80
23 51 16 00-0359 EA 12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	364.92	18.31
23 51 16 00-0360 EA 14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	467.76	19.19
<b>23 51 16 00-0361 Roof Support Assemblies</b> <small>(23 51 16 00-0311)</small>		
23 51 16 00-0362 EA 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	155.51	13.40
23 51 16 00-0363 EA 7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	173.30	14.35
23 51 16 00-0364 EA 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	188.01	15.48
23 51 16 00-0365 EA 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	238.20	16.80
23 51 16 00-0366 EA 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	282.97	18.31
23 51 16 00-0367 EA 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	348.29	19.19
<b>23 51 16 00-0368 Polyvinyl Chloride (PVC) Flue/Vent Accessories</b> <small>(23 51 16)</small>		
<b>23 51 16 00-0369 Concentric Polyvinyl Chloride (PVC) Vent Termination</b> <small>(23 51 16 00-0368)</small>		
23 51 16 00-0370 EA 2" Concentric Polyvinyl Chloride (PVC) Vent Termination .....	124.90	25.63
23 51 16 00-0371 EA 3" Concentric Polyvinyl Chloride (PVC) Vent Termination .....	135.43	25.63
<b>23 51 16 00-0372 Polypropylene (PP) Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small>		
Note: Centrotherm InnoFlue® Vent System		
<b>23 51 16 00-0373 Polypropylene Flue/Vent Rigid Pipe Sections</b> <small>(23 51 16 00-0372)</small>		
Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374 EA 2" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	23.59	7.78
23 51 16 00-0375 EA 2" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	26.80	8.19
23 51 16 00-0376 EA 2" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	30.71	9.10
23 51 16 00-0377 EA 2" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	38.12	10.70
23 51 16 00-0378 EA 3" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	28.35	8.92
23 51 16 00-0379 EA 3" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	34.18	9.39
23 51 16 00-0380 EA 3" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	41.90	10.44
23 51 16 00-0381 EA 3" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	51.79	12.28
23 51 16 00-0382 EA 4" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	46.76	11.80
23 51 16 00-0383 EA 4" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	55.17	12.42
23 51 16 00-0384 EA 4" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	68.56	13.80
23 51 16 00-0385 EA 4" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	88.78	16.24
23 51 16 00-0386 EA 5" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	69.36	17.42
23 51 16 00-0387 EA 5" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	79.27	18.33
23 51 16 00-0388 EA 5" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	102.95	20.37
23 51 16 00-0389 EA 5" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	133.74	23.97
<b>23 51 16 00-0390 Polypropylene Flue/Vent Elbows</b> <small>(23 51 16 00-0372)</small>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

ARLINGTON  
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0391	EA		2" Polypropylene Flue/Vent 15 Degree Elbow.....	29.17	9.45
23 51 16 00-0392	EA		3" Polypropylene Flue/Vent 15 Degree Elbow.....	34.07	9.96
23 51 16 00-0393	EA		4" Polypropylene Flue/Vent 15 Degree Elbow.....	42.48	10.32
23 51 16 00-0394	EA		5" Polypropylene Flue/Vent 15 Degree Elbow.....	49.28	10.75
23 51 16 00-0395	EA		2" Polypropylene Flue/Vent 30 Degree Elbow.....	29.17	9.45
23 51 16 00-0396	EA		3" Polypropylene Flue/Vent 30 Degree Elbow.....	34.07	9.96
23 51 16 00-0397	EA		4" Polypropylene Flue/Vent 30 Degree Elbow.....	42.48	10.32
23 51 16 00-0398	EA		5" Polypropylene Flue/Vent 30 Degree Elbow.....	49.28	10.75
23 51 16 00-0399	EA		2" Polypropylene Flue/Vent 45 Degree Elbow.....	29.17	9.45
23 51 16 00-0400	EA		3" Polypropylene Flue/Vent 45 Degree Elbow.....	34.07	9.96
23 51 16 00-0401	EA		4" Polypropylene Flue/Vent 45 Degree Elbow.....	42.48	10.32
23 51 16 00-0402	EA		5" Polypropylene Flue/Vent 45 Degree Elbow.....	49.28	10.75
23 51 16 00-0403	EA		2" Polypropylene Flue/Vent 87 Degree Elbow.....	29.17	9.45
23 51 16 00-0404	EA		3" Polypropylene Flue/Vent 87 Degree Elbow.....	34.07	9.96
23 51 16 00-0405	EA		4" Polypropylene Flue/Vent 87 Degree Elbow.....	41.96	10.32
23 51 16 00-0406	EA		5" Polypropylene Flue/Vent 87 Degree Elbow.....	50.56	10.75
<b>23 51 16 00-0407</b>			<b>Polypropylene Flue/Vent Tees</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA		2" Polypropylene Flue/Vent Tee.....	90.09	14.19
23 51 16 00-0409	EA		3" Polypropylene Flue/Vent Tee.....	113.07	14.94
23 51 16 00-0410	EA		4" Polypropylene Flue/Vent Tee.....	132.61	15.48
23 51 16 00-0411	EA		5" Polypropylene Flue/Vent Tee.....	145.06	16.11
<b>23 51 16 00-0412</b>			<b>Polypropylene Flue/Vent Adaptors</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA		2" Polypropylene Flue/Vent Adaptor With Gasket.....	34.23	9.45
23 51 16 00-0414	EA		3" Polypropylene Flue/Vent Adaptor With Gasket.....	48.80	9.96
23 51 16 00-0415	EA		4" Polypropylene Flue/Vent Adaptor With Gasket.....	56.74	10.32
23 51 16 00-0416	EA		5" Polypropylene Flue/Vent Adaptor With Gasket.....	77.16	10.75
<b>23 51 16 00-0417</b>			<b>Polypropylene Flue/Vent Increases</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA		2" to 3" Polypropylene Flue/Vent Centric Increaser.....	37.86	9.71
23 51 16 00-0419	EA		3" to 4" Polypropylene Flue/Vent Centric Increaser.....	41.44	10.14
23 51 16 00-0420	EA		4" to 5" Polypropylene Flue/Vent Centric Increaser.....	74.04	10.52
23 51 16 00-0421	EA		2" to 3" Polypropylene Flue/Vent Eccentric Increaser.....	50.84	9.71
23 51 16 00-0422	EA		3" to 4" Polypropylene Flue/Vent Eccentric Increaser.....	40.38	10.14
23 51 16 00-0423	EA		4" to 5" Polypropylene Flue/Vent Eccentric Increaser.....	101.76	10.52
<b>23 51 16 00-0424</b>			<b>Polypropylene Flue/Vent Reducers</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA		3" to 2" Polypropylene Flue/Vent Reducer.....	37.86	9.71
23 51 16 00-0426	EA		4" to 3" Polypropylene Flue/Vent Reducer.....	41.44	10.14
23 51 16 00-0427	EA		5" to 4" Polypropylene Flue/Vent Reducer.....	91.32	10.52
<b>23 51 16 00-0428</b>			<b>Polypropylene Flue/Vent Test Ports</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA		2" Polypropylene Flue/Vent Test Port.....	48.16	14.19
23 51 16 00-0430	EA		3" Polypropylene Flue/Vent Test Port.....	53.96	14.94
23 51 16 00-0431	EA		4" Polypropylene Flue/Vent Test Port.....	82.11	15.48
23 51 16 00-0432	EA		5" Polypropylene Flue/Vent Test Port.....	87.64	16.11
<b>23 51 16 00-0433</b>			<b>Polypropylene Flue/Vent Cascade Components</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA		4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder.....	134.94	15.48
23 51 16 00-0435	EA		4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder.....	176.66	19.35
23 51 16 00-0436	EA		5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder.....	111.21	16.11
23 51 16 00-0437	EA		5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder.....	164.49	20.14
23 51 16 00-0438	EA		3" to 4" Polypropylene Flue/Vent Non-Return Valve.....	171.59	10.14
23 51 16 00-0439	EA		4" to 4" Polypropylene Flue/Vent Non-Return Valve.....	198.57	10.52
<b>23 51 16 00-0440</b>			<b>Polypropylene Flue/Vent Condensate Management</b> <small>(23 51 16 00-0372)</small>		
			Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA		2" Polypropylene Flue/Vent Horizontal Drain Tee.....	65.69	14.19
23 51 16 00-0442	EA		3" Polypropylene Flue/Vent Horizontal Drain Tee.....	79.24	14.94
23 51 16 00-0443	EA		4" Polypropylene Flue/Vent Horizontal Drain Tee.....	90.65	15.48
23 51 16 00-0444	EA		5" Polypropylene Flue/Vent Horizontal Drain Tee.....	103.33	16.11
23 51 16 00-0445	EA		4" Polypropylene Flue/Vent Horizontal Drain Fittings.....	114.37	15.48
23 51 16 00-0446	EA		5" Polypropylene Flue/Vent Horizontal Drain Fittings.....	126.02	16.11
23 51 16 00-0447	EA		2" Polypropylene Flue/Vent Tee Cap.....	37.62	4.73
23 51 16 00-0448	EA		3" Polypropylene Flue/Vent Tee Cap.....	48.23	4.97
23 51 16 00-0449	EA		4" Polypropylene Flue/Vent Tee Cap.....	57.26	5.16
23 51 16 00-0450	EA		5" Polypropylene Flue/Vent Tee Cap.....	74.69	5.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0451 EA 2" Polypropylene Flue/Vent Tee Cap With Drain .....	73.27	14.19
23 51 16 00-0452 EA 3" Polypropylene Flue/Vent Tee Cap With Drain .....	89.76	14.94
23 51 16 00-0453 EA 4" Polypropylene Flue/Vent Tee Cap With Drain .....	103.70	15.48
23 51 16 00-0454 EA 5" Polypropylene Flue/Vent Tee Cap With Drain .....	124.77	16.11
<b>23 51 16 00-0455 Polypropylene Flue/Vent Terminations</b> <small>(23 51 16 00-0372)</small>		
23 51 16 00-0456 EA 2" Polypropylene-UV Black Flue/Vent Chimney Cover .....	94.63	9.45
23 51 16 00-0457 EA 3" Polypropylene-UV Black Flue/Vent Chimney Cover .....	83.59	9.96
23 51 16 00-0458 EA 4" Polypropylene-UV Black Flue/Vent Chimney Cover .....	104.46	10.32
23 51 16 00-0459 EA 3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe .....	212.60	9.96
23 51 16 00-0460 EA 4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe .....	226.99	10.32
23 51 16 00-0461 EA 5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe .....	264.89	10.75
23 51 16 00-0462 EA 2 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	56.15	9.45
23 51 16 00-0463 EA 2 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	59.40	9.45
23 51 16 00-0464 EA 2 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	62.65	9.45
23 51 16 00-0465 EA 2 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	65.90	9.45
23 51 16 00-0466 EA 3 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	60.64	9.96
23 51 16 00-0467 EA 3 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	63.89	9.96
23 51 16 00-0468 EA 3 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	67.14	9.96
23 51 16 00-0469 EA 3 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	70.39	9.96
23 51 16 00-0470 EA 4 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	68.05	10.32
23 51 16 00-0471 EA 4 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	71.30	10.32
23 51 16 00-0472 EA 4 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar .....	74.55	10.32
23 51 16 00-0473 EA 2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination .....	59.37	9.45
23 51 16 00-0474 EA 3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination .....	75.91	9.96
23 51 16 00-0475 EA 2" Polypropylene-UV Black Flue/Vent Termination Tee .....	69.21	14.19
23 51 16 00-0476 EA 3" Polypropylene-UV Black Flue/Vent Termination Tee .....	90.90	14.94
23 51 16 00-0477 EA 4" Polypropylene-UV Black Flue/Vent Termination Tee .....	107.33	15.48
23 51 16 00-0478 EA 5" Polypropylene-UV Black Flue/Vent Termination Tee .....	118.19	16.11
23 51 16 00-0479 EA 2" x 20" Polypropylene-UV Black Flue/Vent End Pipe .....	24.83	8.19
23 51 16 00-0480 EA 2" x 39" Polypropylene-UV Black Flue/Vent End Pipe .....	29.67	9.10
23 51 16 00-0481 EA 3" x 20" Polypropylene-UV Black Flue/Vent End Pipe .....	29.85	9.39
23 51 16 00-0482 EA 3" x 39" Polypropylene-UV Black Flue/Vent End Pipe .....	37.22	10.44
23 51 16 00-0483 EA 4" x 20" Polypropylene-UV Black Flue/Vent End Pipe .....	44.94	12.42
23 51 16 00-0484 EA 5" x 20" Polypropylene-UV Black Flue/Vent End Pipe .....	62.11	18.33
23 51 16 00-0485 EA 5" x 39" Polypropylene-UV Black Flue/Vent End Pipe .....	75.17	20.37
23 51 16 00-0486 EA 2" x 24" Polypropylene-UV Black Flue/Vent Vent Length .....	27.44	8.19
23 51 16 00-0487 EA 3" x 24" Polypropylene-UV Black Flue/Vent Vent Length .....	35.25	9.39
23 51 16 00-0488 EA 4" x 24" Polypropylene-UV Black Flue/Vent Vent Length .....	57.58	12.42
23 51 16 00-0489 EA 2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow .....	30.20	9.45
23 51 16 00-0490 EA 3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow .....	35.37	9.96
23 51 16 00-0491 EA 4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow .....	44.14	10.32
23 51 16 00-0492 EA 2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow .....	29.71	9.45
23 51 16 00-0493 EA 3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow .....	35.05	9.96
23 51 16 00-0494 EA 4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow .....	43.57	10.32
23 51 16 00-0495 EA 2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent .....	19.31	4.73
23 51 16 00-0496 EA 3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent .....	22.49	4.97
23 51 16 00-0497 EA 4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent .....	25.18	5.16
23 51 16 00-0498 EA 3" Stainless Steel Bird Screen For Polypropylene Flue/Vent .....	49.12	4.97
23 51 16 00-0499 EA 5" Stainless Steel Bird Screen For Polypropylene Flue/Vent .....	56.43	5.37
<b>23 51 16 00-0500 Polypropylene Flue/Vent Accessories</b> <small>(23 51 16 00-0372)</small>		
23 51 16 00-0501 EA 2" Spacer For Polypropylene Flue/Vent .....	9.84	2.36
23 51 16 00-0502 EA 3" Spacer For Polypropylene Flue/Vent .....	9.39	2.49
23 51 16 00-0503 EA 4" Spacer For Polypropylene Flue/Vent .....	9.67	2.58
23 51 16 00-0504 EA 5" Spacer For Polypropylene Flue/Vent .....	15.21	2.68
23 51 16 00-0505 EA 2" Flue Clamp For Polypropylene Flue/Vent .....	18.56	3.55
23 51 16 00-0506 EA 3" Flue Clamp For Polypropylene Flue/Vent .....	21.79	3.73
23 51 16 00-0507 EA 4" Flue Clamp For Polypropylene Flue/Vent .....	25.27	3.87
23 51 16 00-0508 EA 2" Support Clamp For Polypropylene Flue/Vent .....	17.66	3.55
23 51 16 00-0509 EA 4" Support Clamp For Polypropylene Flue/Vent .....	17.62	3.87
23 51 16 00-0510 EA 5" Support Clamp For Polypropylene Flue/Vent .....	21.46	4.03
23 51 16 00-0511 EA 3" Plastic Support Clamp For Polypropylene Flue/Vent .....	13.50	3.73
23 51 16 00-0512 EA 2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent .....	26.93	9.45
23 51 16 00-0513 EA 3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent .....	29.67	9.96
23 51 16 00-0514 EA 4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent .....	31.94	10.32
23 51 16 00-0515 EA 5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent .....	35.66	10.75
23 51 16 00-0516 EA 2" Single Wall EDPM Gasket For Polypropylene Flue/Vent .....	2.09	
23 51 16 00-0517 EA 3" Single Wall EDPM Gasket For Polypropylene Flue/Vent .....	2.33	
23 51 16 00-0518 EA 4" Single Wall EDPM Gasket For Polypropylene Flue/Vent .....	3.16	
23 51 16 00-0519 EA 5" Single Wall EDPM Gasket For Polypropylene Flue/Vent .....	5.22	
23 51 16 00-0520 EA 2" Connector Ring For Polypropylene Flue/Vent .....	8.15	2.36
23 51 16 00-0521 EA 3" Connector Ring For Polypropylene Flue/Vent .....	9.23	2.49
23 51 16 00-0522 EA 4" Connector Ring For Polypropylene Flue/Vent .....	9.93	2.58
23 51 16 00-0523 EA 5" Connector Ring For Polypropylene Flue/Vent .....	10.97	2.68
23 51 16 00-0524 EA 2 1/4" Polypropylene Flue/Vent Air Intake, White .....	40.88	4.73
23 51 16 00-0525 EA 3 1/5" Polypropylene Flue/Vent Air Intake, White .....	41.91	4.97
23 51 16 00-0526 EA 4 1/6" Polypropylene Flue/Vent Air Intake, White .....	31.15	5.16
23 51 16 00-0527 EA 2" Base Support For Polypropylene Flue/Vent .....	35.54	3.55

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0528	EA		3" Base Support For Polypropylene Flue/Vent.....	36.65	3.73
23 51 16 00-0529	EA		4" Base Support For Polypropylene Flue/Vent.....	49.20	3.87
23 51 16 00-0530	EA		5" Base Support For Polypropylene Flue/Vent.....	83.36	4.03
<b>23 51 16 00-0531</b>			<b>Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)</b>		
23 51 16 00-0532	LF		2", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	6.42	0.83
23 51 16 00-0533	LF		2", > 50', Polypropylene Flue/Vent Flex Pipe.....	5.55	0.83
23 51 16 00-0534	LF		3", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	7.88	0.98
23 51 16 00-0535	LF		3", > 50', Polypropylene Flue/Vent Flex Pipe.....	6.79	0.98
23 51 16 00-0536	LF		4", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	11.37	1.21
23 51 16 00-0537	LF		4", > 50', Polypropylene Flue/Vent Flex Pipe.....	9.70	1.21
<b>23 51 16 00-0538</b>			<b>Polypropylene Flue/Vent Couplers (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.					
23 51 16 00-0539	EA		2" Polypropylene Flue/Vent Coupler, Single Wall to Flex.....	45.18	9.45
23 51 16 00-0540	EA		2" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	50.61	9.45
23 51 16 00-0541	EA		3" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	103.05	9.96
23 51 16 00-0542	EA		4" Polypropylene Flue/Vent Coupler, Flex to Single Wall.....	188.30	10.32
23 51 16 00-0543	EA		2" Polypropylene Flue/Vent Coupler, Flex to Flex.....	52.21	9.45
23 51 16 00-0544	EA		3" Polypropylene Flue/Vent Coupler, Flex to Flex.....	122.88	9.96
23 51 16 00-0545	EA		4" Polypropylene Flue/Vent Coupler, Flex to Flex.....	318.30	10.32
<b>23 51 16 00-0546</b>			<b>Polypropylene Flue/Vent Flex End Terminations (23 51 16 00-0372)</b>		
23 51 16 00-0547	EA		2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	59.41	9.45
23 51 16 00-0548	EA		3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	54.88	9.96
23 51 16 00-0549	EA		4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination.....	67.87	10.32
<b>23 52 Heating Boilers (23 50)</b>					
<b>23 52 13 Electric Boilers (23 52)</b>					
<b>23 52 13 00-0001</b>			<b>Packaged Electric Steam Boiler (23 52 13)</b>		
Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.					
23 52 13 00-0002	EA		12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls.....	9,860.53	385.17
23 52 13 00-0003	EA		24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls.....	10,677.57	449.36
23 52 13 00-0004	EA		36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls.....	11,705.87	481.47
23 52 13 00-0005	EA		48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls.....	13,202.45	513.57
23 52 13 00-0006	EA		60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls.....	14,657.72	545.66
23 52 13 00-0007	EA		80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls.....	17,265.25	609.86
23 52 13 00-0008	EA		100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls.....	19,872.77	674.05
23 52 13 00-0009	EA		120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls.....	20,460.36	706.15
23 52 13 00-0010	EA		140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls.....	21,034.15	738.25
23 52 13 00-0011	EA		160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls.....	28,462.23	802.44
23 52 13 00-0012	EA		180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls.....	29,765.99	834.54
23 52 13 00-0013	EA		200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls.....	31,024.90	844.20
23 52 13 00-0014	EA		220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls.....	32,389.54	906.74
23 52 13 00-0015	EA		240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls.....	35,103.93	969.27
23 52 13 00-0016	EA		260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls.....	37,935.94	1,063.08
23 52 13 00-0017	EA		280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls.....	40,064.43	1,094.34
23 52 13 00-0018	EA		300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls.....	42,192.91	1,125.61
23 52 13 00-0019	EA		320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls.....	43,632.75	1,156.87
23 52 13 00-0020	EA		360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls.....	45,072.58	1,188.15
23 52 13 00-0021	EA		400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls.....	48,227.71	1,250.67
23 52 13 00-0022	EA		460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls.....	51,382.84	1,313.21
23 52 13 00-0023	EA		500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls.....	54,475.44	1,344.48
23 52 13 00-0024	EA		600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls.....	61,424.47	1,375.74
23 52 13 00-0025	EA		700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls.....	66,094.63	1,438.27
23 52 13 00-0026	EA		756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls.....	67,734.72	1,500.81
23 52 13 00-0027	EA		828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls.....	75,635.20	1,594.62
23 52 13 00-0028	EA		936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls.....	77,751.03	1,688.41
23 52 13 00-0029	EA		1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls.....	79,866.85	1,782.21
23 52 13 00-0030	EA		1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls.....	85,839.10	1,876.02
23 52 13 00-0031	EA		1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls.....	88,443.31	1,938.55
23 52 13 00-0032	EA		1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls.....	91,998.97	2,063.62
23 52 13 00-0033	EA		1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls.....	95,279.17	2,188.68
23 52 13 00-0034	EA		1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls.....	105,170.40	2,313.75
23 52 13 00-0035	EA		1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls.....	111,205.20	2,438.82
<b>23 52 13 00-0036</b>			<b>Packaged Electric Hot Water Boiler (23 52 13)</b>		
Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.					
23 52 13 00-0037	EA		9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls.....	8,281.30	353.07
23 52 13 00-0038	EA		12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls.....	8,896.42	385.17
23 52 13 00-0039	EA		18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls.....	9,511.53	417.26
23 52 13 00-0040	EA		24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls.....	10,030.24	449.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0041 EA 36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls.....	10,562.71	481.47
23 52 13 00-0042 EA 48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls.....	11,081.41	513.57
23 52 13 00-0043 EA 60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls.....	11,696.53	545.66
23 52 13 00-0044 EA 72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls.....	12,587.10	577.76
23 52 13 00-0045 EA 84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls.....	13,105.81	609.86
23 52 13 00-0046 EA 90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls.....	13,610.74	641.96
23 52 13 00-0047 EA 105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls.....	14,501.31	674.05
23 52 13 00-0048 EA 120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls.....	15,254.16	706.15
23 52 13 00-0049 EA 135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls.....	16,489.06	738.25
23 52 13 00-0050 EA 150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls.....	17,104.18	770.34
23 52 13 00-0051 EA 165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls.....	17,788.16	802.44
23 52 13 00-0052 EA 180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls.....	19,670.38	834.54
23 52 13 00-0053 EA 195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls.....	21,521.53	844.20
23 52 13 00-0054 EA 225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls.....	23,464.64	906.74
23 52 13 00-0055 EA 240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls.....	25,421.51	969.27
23 52 13 00-0056 EA 270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls.....	27,427.14	1,063.08
23 52 13 00-0057 EA 300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls.....	29,384.02	1,125.61
23 52 13 00-0058 EA 330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls.....	30,955.26	1,188.15
23 52 13 00-0059 EA 360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls.....	32,463.96	1,219.41
23 52 13 00-0060 EA 390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls.....	34,647.53	1,250.67
23 52 13 00-0061 EA 420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls.....	36,783.46	1,313.21
23 52 13 00-0062 EA 450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls.....	38,987.14	1,313.21
23 52 13 00-0063 EA 504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls.....	42,906.12	1,344.48
23 52 13 00-0064 EA 612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls.....	45,103.47	1,375.74
23 52 13 00-0065 EA 684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls.....	47,363.35	1,438.27
23 52 13 00-0066 EA 720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls.....	49,560.68	1,469.55
23 52 13 00-0067 EA 750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls.....	51,758.04	1,500.81
23 52 13 00-0068 EA 810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls.....	53,322.94	1,594.62
23 52 13 00-0069 EA 900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls.....	56,265.15	1,688.41
23 52 13 00-0070 EA 1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls.....	66,644.77	1,782.21
23 52 13 00-0071 EA 1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls.....	73,443.40	1,876.02
23 52 13 00-0072 EA 1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls.....	76,873.99	1,938.55
23 52 13 00-0073 EA 1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls.....	80,567.38	2,063.62
23 52 13 00-0074 EA 1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls.....	84,260.77	2,188.68
23 52 13 00-0075 EA 1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls.....	94,427.46	2,313.75
23 52 13 00-0076 EA 1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls.....	100,737.72	2,438.82
23 52 13 00-0077 EA 1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls.....	103,479.65	2,501.35
23 52 13 00-0078 EA 1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls.....	106,221.59	2,563.89
23 52 13 00-0079 EA 1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls.....	106,409.20	2,657.68
23 52 13 00-0080 EA 2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls.....	121,684.56	2,720.22
23 52 13 00-0081 EA 2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls.....	130,135.96	2,814.02
23 52 13 00-0082 EA 2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls.....	146,487.85	3,001.62
23 52 13 00-0083 EA 2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls.....	158,131.56	3,314.29
23 52 13 00-0084 EA 3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls.....	175,409.59	3,689.50
23 52 13 00-0085 EA 3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls.....	183,046.49	4,064.70

**23 52 16 Condensing Boilers (23 52)**

**23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)**

**23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002 EA 75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79).....	9,618.29	256.78
23 52 16 13-0003 EA 127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129).....	8,963.01	338.95
23 52 16 13-0004 EA 168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179).....	9,547.43	381.32
23 52 16 13-0005 EA 187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1).....	10,185.96	423.69
23 52 16 13-0006 EA 281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299).....	13,267.78	423.69
23 52 16 13-0007 EA 374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399).....	15,523.17	513.57
23 52 16 13-0008 EA 589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599).....	20,894.31	550.79
23 52 16 13-0009 EA 785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798).....	29,305.90	677.90
Note: Includes vent manifold.		
23 52 16 13-0010 EA 980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998).....	35,887.39	741.46
Note: Includes vent manifold.		
23 52 16 13-0011 EA 1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499).....	51,925.71	868.56
23 52 16 13-0012 EA 1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999).....	57,236.25	932.11

**23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014 EA 484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145).....	26,480.91	550.79
23 52 16 13-0015 EA 612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185).....	27,632.87	550.79
23 52 16 13-0016 EA 791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240).....	30,917.11	677.90
23 52 16 13-0017 EA 1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310).....	33,477.80	762.64
23 52 16 13-0018 EA 1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400).....	37,190.06	805.01
23 52 16 13-0019 EA 1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510).....	42,630.45	868.56
23 52 16 13-0020 EA 2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640).....	51,014.71	932.11

**23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes Riello burners.

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0022 EA 2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790).....	53,833.52	1,016.85
23 52 16 13-0023 EA 3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970).....	62,420.60	1,059.22
23 52 16 13-0024 EA 4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200).....	72,408.35	1,122.78
<b>23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0026 EA 165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211).....	6,033.62	381.32
23 52 16 13-0027 EA 226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286).....	7,876.90	423.69
<b>23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0029 EA 324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400).....	10,425.85	508.43
23 52 16 13-0030 EA 406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501).....	12,886.67	513.57
23 52 16 13-0031 EA 493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601).....	15,135.72	550.79
23 52 16 13-0032 EA 574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701).....	17,348.93	550.79
23 52 16 13-0033 EA 654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801).....	19,971.68	614.35
<b>23 52 16 13-0034 Lochinvar SYNC Stainless Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0035 EA 941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000).....	27,351.92	741.46
23 52 16 13-0036 EA 1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300).....	31,146.82	805.01
23 52 16 13-0037 EA 1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500).....	33,451.19	868.56
<b>23 52 16 13-0038 Lochinvar Crest Stainless Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0039 EA 1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500).....	33,168.26	805.01
23 52 16 13-0040 EA 1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000).....	39,718.89	889.75
23 52 16 13-0041 EA 2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500).....	51,822.94	974.48
23 52 16 13-0042 EA 2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000).....	57,134.53	1,025.84
23 52 16 13-0043 EA 3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500).....	67,871.11	1,025.84
<b>23 52 16 13-0044 AERCO Benchmark Stainless-Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0045 EA 1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN).....	30,334.58	868.56
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0046 EA 2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN).....	36,021.01	932.11
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0047 EA 3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000).....	51,800.36	1,025.84
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0048 EA 3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000).....	55,212.47	1,025.84
Note: Includes gas PRV and pump delay relay.		
<b>23 52 16 13-0049 Fulton Boiler Works Stainless-Steel Condensing Boilers (23 52 16 13)</b>		
23 52 16 13-0050 EA 750 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Fulton Boiler Works EDR-750).....	24,855.86	641.96
23 52 16 13-0051 EA 1,000 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Fulton Boiler Works EDR-1000).....	27,291.02	762.64
23 52 16 13-0052 EA 1,500 MBH Water, Gas Fired, Alloy Steel Condensing Boiler (Fulton Boiler Works EDR-1500).....	32,082.01	868.56
23 52 16 13-0053 EA 2,000 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Fulton Boiler Works EDR-2000).....	37,724.59	932.11
<b>23 52 16 16 Aluminum Condensing Boilers (23 52 16)</b>		
<b>23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers (23 52 16 16)</b>		
23 52 16 16-0002 EA 80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	4,563.54	256.78
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0003 EA 105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	4,973.10	275.40
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0004 EA 155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	5,754.55	381.32
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0005 EA 230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	6,458.54	423.69
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0006 EA 310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	8,313.74	508.43
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
<b>23 52 16 16-0007 Patterson Kelly Mach Series Aluminum Condensing Boilers (23 52 16 16)</b>		
23 52 16 16-0008 EA 300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300).....	13,303.78	423.69
23 52 16 16-0009 EA 450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450).....	15,121.29	513.57
23 52 16 16-0010 EA 750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750).....	17,088.22	641.96
23 52 16 16-0011 EA 900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900).....	25,460.96	720.27



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central Heating Equipment</b>	<b>23 50</b>
<b>Heating Boilers</b>	<b>23 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0012 EA 1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050) .....	26,590.57	762.64
23 52 16 16-0013 EA 1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500) .....	41,459.72	868.56
23 52 16 16-0014 EA 2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000) .....	44,901.00	932.11
23 52 16 16-0015 EA 2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500) .....	52,019.07	1,016.85
23 52 16 16-0016 EA 3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000) .....	64,484.87	1,016.85
23 52 16 16-0017 EA 4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000) .....	78,968.05	1,122.78
<b>23 52 16 16-0018 Buderus GB142 Wall Hung Aluminum Condensing Boilers (23 52 16 16)</b>		
Note: Includes standard controls.		
23 52 16 16-0019 EA 75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) .....	5,585.51	256.78
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0020 EA 95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) .....	6,420.24	275.40
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0021 EA 143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) .....	7,380.79	338.95
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0022 EA 193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) .....	8,199.47	423.69
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0023 EA Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46) .....	234.63	64.19
23 52 16 16-0024 EA Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3) .....	322.94	64.19
23 52 16 16-0025 EA Optional GB Floor Stand For GB142 (Buderus 7098265) .....	747.89	64.19
<b>23 52 16 16-0026 Buderus GB162 Wall Hung Aluminum Condensing Boilers (23 52 16 16)</b>		
Note: Includes standard controls.		
23 52 16 16-0027 EA 290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) .....	7,495.72	423.69
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0028 EA 333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) .....	9,409.13	508.43
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0029 EA 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) .....	18,673.73	603.75
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0030 EA 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) .....	17,428.42	603.75
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0031 EA 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) .....	22,275.84	614.35
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0032 EA 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) .....	21,030.54	614.35
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0033 EA 870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) .....	25,893.82	720.27
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0034 EA 999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) .....	31,377.24	762.64
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0035 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) .....	32,235.39	805.01
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0036 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) .....	32,734.14	805.01
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0037 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) .....	39,375.42	805.01
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0038 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) .....	39,874.17	805.01
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0039 EA EMS Control Module For Condensing Boiler (Buderus RC35) .....	519.89	64.19

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 52 16 16-0040 Buderus GB312 Aluminum Condensing Boilers</b> <small>(23 52 16 16)</small> Note: Includes standard controls.		
23 52 16 16-0041 EA 305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90).....	15,081.76	423.69
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0042 EA 409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120).....	16,733.70	513.57
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0043 EA 544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160).....	19,869.97	550.79
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0044 EA 676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200).....	22,929.64	614.35
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0045 EA 810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240).....	27,525.24	677.90
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0046 EA 944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280).....	30,405.73	741.46
Note: Includes an aluminum heat exchanger.		
23 52 16 16-0047 EA Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985).....	448.17	32.10
23 52 16 16-0048 EA Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125).....	204.98	32.10
23 52 16 16-0049 EA Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550).....	303.54	32.10
23 52 16 16-0050 EA Optional Condensate Neutralization Tank For GB312 (Buderus 63035899).....	669.61	32.10
<b>23 52 16 19 Copper Water-Tube Condensing Boilers</b> <small>(23 52 16)</small>		
<b>23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers</b> <small>(23 52 16 19)</small>		
23 52 16 19-0002 EA 1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	31,134.27	805.01
23 52 16 19-0003 EA 1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	35,115.51	889.75
23 52 16 19-0004 EA 2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	38,451.60	932.11
23 52 16 19-0005 EA 2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	41,642.24	1,016.85
<b>23 52 16 23 Cast Iron Condensing Boilers</b> <small>(23 52 16)</small>		
<b>23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers</b> <small>(23 52 16 23)</small>		
23 52 16 23-0002 EA 199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2).....	10,491.53	423.69
23 52 16 23-0003 EA 399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4).....	15,297.98	513.57
23 52 16 23-0004 EA 600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6).....	25,126.20	550.79
23 52 16 23-0005 EA 1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10).....	33,156.33	762.64
23 52 16 23-0006 EA 1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16).....	44,254.13	889.75
23 52 16 23-0007 EA 1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20).....	48,289.58	932.11
23 52 16 23-0008 EA 2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26).....	61,531.70	1,016.85
23 52 16 23-0009 EA 3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30).....	67,223.50	1,016.85
<b>23 52 16 26 Alloy Steel Condensing Boilers</b> <small>(23 52 16)</small>		
<b>23 52 16 26-0001 Fulton Boiler Works Alloy Steel Condensing Boilers</b> <small>(23 52 16 26)</small>		
23 52 16 26-0002 EA 750 MBH Water, Gas Fired, Alloy Steel Condensing Boiler (Fulton Boiler Works PHW-750).....	27,175.86	641.96
23 52 16 26-0003 EA 1,000 MBH Water, Gas Fired, Alloy Steel Condensing Boiler (Fulton Boiler Works PHW-1000).....	27,981.02	762.64
23 52 16 26-0004 EA 2,000 MBH Water, Gas Fired, Alloy Steel Condensing Boiler (Fulton Boiler Works PHW-2000).....	39,949.59	932.11
<b>23 52 23 Cast-Iron Boilers</b> <small>(23 52)</small>		
<b>23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23)</small> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
<b>23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003 EA 208 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler.....	11,482.50	2,071.37
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0004 EA 297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler.....	12,618.57	2,209.47
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0005 EA 386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler.....	13,867.14	2,347.56
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0006 EA 476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler.....	15,024.41	2,485.65
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0007 EA 565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler.....	16,089.06	2,623.74
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0008 EA 654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler.....	17,566.54	2,761.84
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0009 EA 743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler.....	18,696.12	2,899.93
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0010 EA 833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler.....	19,581.54	3,038.02
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0011 EA 922 MBH Steam, 1069 MBH Water Gas Fired Cast Iron Boiler.....	20,463.56	3,176.11
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0012 EA 1,018 MBH Steam, 1172 MBH Water Gas Fired Cast Iron Boiler.....	21,490.49	3,314.21
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
<b>23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small>		
23 52 23 00-0014 EA 208 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler.....	8,718.04	250.14
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0015 EA 297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	9,733.39	250.14
23 52 23 00-0016 EA 386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	11,113.32	312.67
23 52 23 00-0017 EA 476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	12,148.62	312.67
23 52 23 00-0018 EA 565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	13,344.81	375.21
23 52 23 00-0019 EA 654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	14,714.01	375.21
23 52 23 00-0020 EA 743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	15,973.20	437.73
23 52 23 00-0021 EA 833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	16,988.79	500.27
23 52 23 00-0022 EA 922 MBH Steam, 1069 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	17,752.14	500.27
23 52 23 00-0023 EA 1,018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	18,907.36	562.80
<b>23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)</b> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025 EA 208 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	12,075.75	2,071.37
23 52 23 00-0026 EA 297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	13,317.87	2,209.47
23 52 23 00-0027 EA 386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,502.39	2,347.56
23 52 23 00-0028 EA 476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,831.86	2,485.65
23 52 23 00-0029 EA 565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,918.56	2,623.74
23 52 23 00-0030 EA 654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,530.44	2,761.84
23 52 23 00-0031 EA 743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,523.52	2,899.93
23 52 23 00-0032 EA 833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,487.69	3,038.02
23 52 23 00-0033 EA 922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,370.76	3,176.11
23 52 23 00-0034 EA 1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,426.04	3,314.21
<b>23 52 23 00-0035 Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)</b>		
23 52 23 00-0036 EA 208 MBH Steam, 242 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	9,311.29	250.14
23 52 23 00-0037 EA 297 MBH Steam, 344 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	10,432.69	250.14
23 52 23 00-0038 EA 386 MBH Steam, 448 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	11,748.57	312.67
23 52 23 00-0039 EA 476 MBH Steam, 551 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	12,956.07	312.67
23 52 23 00-0040 EA 565 MBH Steam, 655 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	14,174.31	375.21
23 52 23 00-0041 EA 654 MBH Steam, 758 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	15,677.91	375.21
23 52 23 00-0042 EA 743 MBH Steam, 862 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	16,800.60	437.73
23 52 23 00-0043 EA 833 MBH Steam, 965 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	17,894.94	500.27
23 52 23 00-0044 EA 922 MBH Steam, 1069 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	18,659.34	500.27
23 52 23 00-0045 EA 1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Package CI Boiler ..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	19,842.91	562.80
<b>23 52 23 00-0046 Weil-McLain Model 88 Cast Iron Boiler (23 52 23)</b> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
<b>23 52 23 00-0047 Gas Fired Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)</b> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048 EA 608 MBH Steam, 704 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	19,062.12	3,107.07
23 52 23 00-0049 EA 813 MBH Steam, 943 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	21,152.33	3,296.94
23 52 23 00-0050 EA 1,028 MBH Steam, 1,161 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	23,757.10	3,486.82
23 52 23 00-0051 EA 1,254 MBH Steam, 1,419 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	26,043.42	3,676.70
23 52 23 00-0052 EA 1,477 MBH Steam, 1,656 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	28,021.57	3,866.56

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0053 EA 1,688 MBH Steam, 1,892 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	30,921.51	4,056.44
23 52 23 00-0054 EA 1,904 MBH Steam, 2,132 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	32,919.08	4,246.32
23 52 23 00-0055 EA 2,116 MBH Steam, 2,369 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,677.70	4,436.19
23 52 23 00-0056 EA 2,329 MBH Steam, 2,609 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	37,050.30	4,626.07
23 52 23 00-0057 EA 2,539 MBH Steam, 2,843 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	38,944.18	4,815.95
23 52 23 00-0058 EA 2,756 MBH Steam, 3,087 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	41,878.88	5,005.82
23 52 23 00-0059 EA 2,966 MBH Steam, 3,322 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	43,677.30	5,195.70
23 52 23 00-0060 EA 3,175 MBH Steam, 3,557 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	45,589.45	5,385.58
23 52 23 00-0061 EA 3,383 MBH Steam, 3,800 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,728.28	5,575.45
23 52 23 00-0062 EA 3,602 MBH Steam, 4,035 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	49,454.84	5,765.33
<b>23 52 23 00-0063 Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)</b>		
23 52 23 00-0064 EA 608 MBH Steam, 704 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	15,987.90	437.73
23 52 23 00-0065 EA 813 MBH Steam, 943 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	18,128.04	500.27
23 52 23 00-0066 EA 1,028 MBH Steam, 1,161 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	20,795.26	562.80
23 52 23 00-0067 EA 1,254 MBH Steam, 1,419 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	23,121.25	625.34
23 52 23 00-0068 EA 1,477 MBH Steam, 1,656 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	24,897.85	625.34
23 52 23 00-0069 EA 1,688 MBH Steam, 1,892 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	27,850.68	687.87
23 52 23 00-0070 EA 1,904 MBH Steam, 2,132 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	29,649.33	687.87
23 52 23 00-0071 EA 2,116 MBH Steam, 2,369 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	31,457.67	750.40
23 52 23 00-0072 EA 2,329 MBH Steam, 2,609 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	33,632.22	750.40
23 52 23 00-0073 EA 2,539 MBH Steam, 2,843 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	35,576.03	812.94
23 52 23 00-0074 EA 2,756 MBH Steam, 3,087 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	37,455.75	875.47
23 52 23 00-0075 EA 2,966 MBH Steam, 3,322 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	39,055.95	875.47
23 52 23 00-0076 EA 3,175 MBH Steam, 3,557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	41,018.62	938.01
23 52 23 00-0077 EA 3,383 MBH Steam, 3,800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	42,957.97	938.01
23 52 23 00-0078 EA 3,602 MBH Steam, 4,035 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	44,756.84	1,000.54
<b>23 52 23 00-0079 Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)</b>		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080 EA 608 MBH Steam, 704 MBH Water Gas/Oil Fired Cast Iron Boiler.....	19,792.92	3,107.07
23 52 23 00-0081 EA 813 MBH Steam, 943 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	21,878.93	3,296.94
23 52 23 00-0082 EA 1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	24,672.70	3,486.82
23 52 23 00-0083 EA 1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,051.42	3,676.70
23 52 23 00-0084 EA 1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	28,926.67	3,866.56
23 52 23 00-0085 EA 1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	31,769.91	4,056.44
23 52 23 00-0086 EA 1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,192.73	4,246.32
23 52 23 00-0087 EA 2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	35,951.35	4,436.19
23 52 23 00-0088 EA 2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	38,298.75	4,626.07
23 52 23 00-0089 EA 2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	40,729.18	4,815.95
23 52 23 00-0090 EA 2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	43,754.18	5,005.82
23 52 23 00-0091 EA 2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	46,183.65	5,195.70
23 52 23 00-0092 EA 3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,463.70	5,385.58



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
<b>Central Heating Equipment</b>			<b>23 50</b>
<b>Heating Boilers</b>			<b>23 52</b>

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0093	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	49,545.83	5,575.45
23 52 23 00-0094	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Cast Iron Boiler ..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	51,292.34	5,765.33
<b>23 52 23 00-0095</b>		<b>Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small></b>		
23 52 23 00-0096	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	16,718.70	437.73
23 52 23 00-0097	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	18,854.64	500.27
23 52 23 00-0098	EA	1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	21,700.36	562.80
23 52 23 00-0099	EA	1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	24,129.25	625.34
23 52 23 00-0100	EA	1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	25,805.05	625.34
23 52 23 00-0101	EA	1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	28,699.08	687.87
23 52 23 00-0102	EA	1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	30,922.98	687.87
23 52 23 00-0103	EA	2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	32,731.32	750.40
23 52 23 00-0104	EA	2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	34,880.67	750.40
23 52 23 00-0105	EA	2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	37,366.28	812.94
23 52 23 00-0106	EA	2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	39,331.05	875.47
23 52 23 00-0107	EA	2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	40,512.30	875.47
23 52 23 00-0108	EA	3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	42,892.87	938.01
23 52 23 00-0109	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	44,775.52	938.01
23 52 23 00-0110	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Package Cast Iron Boiler ..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	46,573.34	1,000.54
<b>23 52 23 00-0111</b>		<b>Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23)</small></b> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
<b>23 52 23 00-0112</b>		<b>Gas Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small></b> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	53,816.95	6,041.51
23 52 23 00-0114	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	58,456.81	6,386.74
23 52 23 00-0115	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	62,681.17	6,731.98
23 52 23 00-0116	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	66,814.58	7,077.21
23 52 23 00-0117	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	70,987.31	7,422.43
23 52 23 00-0118	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	76,126.01	7,767.66
23 52 23 00-0119	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	80,049.21	8,112.89
23 52 23 00-0120	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	83,840.44	8,458.12
23 52 23 00-0121	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	90,104.95	8,803.35
23 52 23 00-0122	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	93,893.95	9,148.58
23 52 23 00-0123	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	97,123.59	9,493.81
23 52 23 00-0124	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,164.57	9,839.04
23 52 23 00-0125	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	106,986.43	10,184.26
23 52 23 00-0126	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,169.07	10,529.49
23 52 23 00-0127	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	117,200.30	10,874.73
23 52 23 00-0128	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	121,624.90	11,219.96
23 52 23 00-0129	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,404.55	11,565.19
23 52 23 00-0130	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Cast Iron Boiler ..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,297.21	11,910.42
<b>23 52 23 00-0131</b>		<b>Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small></b>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0132	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	49,782.53	812.94
23 52 23 00-0133	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	54,313.50	875.47
23 52 23 00-0134	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	58,426.57	938.01
23 52 23 00-0135	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	62,451.44	1,000.54
23 52 23 00-0136	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	66,262.94	1,000.54
23 52 23 00-0137	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	70,189.18	1,063.08
23 52 23 00-0138	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	73,751.83	1,063.08
23 52 23 00-0139	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	77,433.34	1,125.61
23 52 23 00-0140	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	83,337.49	1,125.61
23 52 23 00-0141	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	87,017.93	1,188.15
23 52 23 00-0142	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	89,886.53	1,188.15
23 52 23 00-0143	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	95,819.30	1,250.67
23 52 23 00-0144	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	99,280.10	1,250.67
23 52 23 00-0145	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	105,372.48	1,313.21
23 52 23 00-0146	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	109,023.33	1,313.21
23 52 23 00-0147	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	113,336.96	1,375.74
23 52 23 00-0148	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	116,756.81	1,375.74
23 52 23 00-0149	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	120,539.12	1,438.27
<b>23 52 23 00-0150</b>		<b>Oil Fired Weil-McLain Model 94 Cast Iron Boiler</b> (23 52 23 00-0111) Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	50,683.75	6,041.51
23 52 23 00-0152	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	55,323.61	6,386.74
23 52 23 00-0153	EA	2,028 MBH Steam, 2,271 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	60,999.07	6,731.98
23 52 23 00-0154	EA	2,255 MBH Steam, 2,525 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	64,753.43	7,077.21
23 52 23 00-0155	EA	2,477 MBH Steam, 2,774 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,667.86	7,422.43
23 52 23 00-0156	EA	2,702 MBH Steam, 3,026 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	73,517.81	7,767.66
23 52 23 00-0157	EA	2,927 MBH Steam, 3,278 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	77,636.31	8,112.89
23 52 23 00-0158	EA	3,160 MBH Steam, 3,539 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	81,429.64	8,458.12
23 52 23 00-0159	EA	3,385 MBH Steam, 3,791 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	88,443.85	8,803.35
23 52 23 00-0160	EA	3,610 MBH Steam, 4,043 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	92,233.90	9,148.58
23 52 23 00-0161	EA	3,835 MBH Steam, 4,296 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	96,023.19	9,493.81
23 52 23 00-0162	EA	4,061 MBH Steam, 4,548 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,171.92	9,839.04
23 52 23 00-0163	EA	4,286 MBH Steam, 4,800 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	106,993.78	10,184.26
23 52 23 00-0164	EA	4,511 MBH Steam, 5,052 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,345.47	10,529.49
23 52 23 00-0165	EA	4,736 MBH Steam, 5,304 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	117,375.65	10,874.73
23 52 23 00-0166	EA	4,961 MBH Steam, 5,557 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	121,709.95	11,219.96
23 52 23 00-0167	EA	5,186 MBH Steam, 5,809 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,489.60	11,565.19
23 52 23 00-0168	EA	5,411 MBH Steam, 6,061 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,388.56	11,910.42
<b>23 52 23 00-0169</b>		<b>Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler</b> (23 52 23 00-0111)		
23 52 23 00-0170	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	46,479.23	812.94
23 52 23 00-0171	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	51,010.20	875.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0172 EA 2,028 MBH Steam, 2,271 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	56,574.37	938.01
23 52 23 00-0173 EA 2,255 MBH Steam, 2,525 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	60,220.19	1,000.54
23 52 23 00-0174 EA 2,477 MBH Steam, 2,774 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	63,773.39	1,000.54
23 52 23 00-0175 EA 2,702 MBH Steam, 3,026 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	67,410.88	1,063.08
23 52 23 00-0176 EA 2,927 MBH Steam, 3,278 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	71,168.83	1,063.08
23 52 23 00-0177 EA 3,160 MBH Steam, 3,539 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	74,850.34	1,125.61
23 52 23 00-0178 EA 3,385 MBH Steam, 3,791 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	81,506.29	1,125.61
23 52 23 00-0179 EA 3,610 MBH Steam, 4,043 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,185.68	1,188.15
23 52 23 00-0180 EA 3,835 MBH Steam, 4,296 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	88,616.03	1,188.15
23 52 23 00-0181 EA 4,061 MBH Steam, 4,548 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	95,656.55	1,250.67
23 52 23 00-0182 EA 4,286 MBH Steam, 4,800 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	99,117.35	1,250.67
23 52 23 00-0183 EA 4,511 MBH Steam, 5,052 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	105,357.78	1,313.21
23 52 23 00-0184 EA 4,736 MBH Steam, 5,304 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	109,028.58	1,313.21
23 52 23 00-0185 EA 4,961 MBH Steam, 5,557 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	113,251.91	1,375.74
23 52 23 00-0186 EA 5,186 MBH Steam, 5,809 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	116,671.76	1,375.74
23 52 23 00-0187 EA 5,411 MBH Steam, 6,061 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	120,460.37	1,438.27
<b>23 52 23 00-0188 Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler</b> <small>(23 52 23 00-0111)</small>		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189 EA 1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	54,801.85	6,041.51
23 52 23 00-0190 EA 1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,442.76	6,386.74
23 52 23 00-0191 EA 2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	63,935.92	6,731.98
23 52 23 00-0192 EA 2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,175.38	7,077.21
23 52 23 00-0193 EA 2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	72,323.96	7,422.43
23 52 23 00-0194 EA 2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	76,619.51	7,767.66
23 52 23 00-0195 EA 2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	81,688.26	8,112.89
23 52 23 00-0196 EA 3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	85,737.79	8,458.12
23 52 23 00-0197 EA 3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	92,167.15	8,803.35
23 52 23 00-0198 EA 3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	95,956.15	9,148.58
23 52 23 00-0199 EA 3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	99,259.29	9,493.81
23 52 23 00-0200 EA 4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	105,371.67	9,839.04
23 52 23 00-0201 EA 4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	110,243.53	10,184.26
23 52 23 00-0202 EA 4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	116,988.97	10,529.49
23 52 23 00-0203 EA 4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	120,988.70	10,874.73
23 52 23 00-0204 EA 4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,608.60	11,219.96
23 52 23 00-0205 EA 5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,389.30	11,565.19
23 52 23 00-0206 EA 5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	133,285.11	11,910.42
<b>23 52 23 00-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler</b> <small>(23 52 23 00-0111)</small>		
23 52 23 00-0208 EA 1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	50,844.08	812.94
23 52 23 00-0209 EA 1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	55,376.10	875.47
23 52 23 00-0210 EA 2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	59,761.12	938.01
23 52 23 00-0211 EA 2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	63,889.94	1,000.54

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0212 EA 2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	67,677.29	1,000.54
23 52 23 00-0213 EA 2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	70,759.33	1,063.08
23 52 23 00-0214 EA 2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	75,467.53	1,063.08
23 52 23 00-0215 EA 3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	79,406.29	1,125.61
23 52 23 00-0216 EA 3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,477.39	1,125.61
23 52 23 00-0217 EA 3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	89,155.73	1,188.15
23 52 23 00-0218 EA 3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	92,098.88	1,188.15
23 52 23 00-0219 EA 4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	98,103.05	1,250.67
23 52 23 00-0220 EA 4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	102,614.90	1,250.67
23 52 23 00-0221 EA 4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	109,249.08	1,313.21
23 52 23 00-0222 EA 4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	112,889.43	1,313.21
23 52 23 00-0223 EA 4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	117,397.31	1,375.74
23 52 23 00-0224 EA 5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	120,818.21	1,375.74
23 52 23 00-0225 EA 5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	124,604.72	1,438.27

**23 52 33 Water-Tube Boilers (23 52)****23 52 33 16 Steel Water-Tube Boilers (23 52 33)****23 52 33 16-0001 Package Oil Fired Water Tube Boiler (23 52 33 16)**

Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH output.

23 52 33 16-0002 EA 200 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,411.86	500.27
<i>For Steam System, Add</i>	3,882.26	
23 52 33 16-0003 EA 285 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,889.87	562.80
<i>For Steam System, Add</i>	3,952.85	
23 52 33 16-0004 EA 350 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,367.86	625.34
<i>For Steam System, Add</i>	4,023.44	
23 52 33 16-0005 EA 430 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	22,410.55	687.87
<i>For Steam System, Add</i>	4,206.96	
23 52 33 16-0006 EA 520 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,453.25	750.40
<i>For Steam System, Add</i>	4,390.49	
23 52 33 16-0007 EA 600 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	25,413.57	812.94
<i>For Steam System, Add</i>	4,757.54	
23 52 33 16-0008 EA 680 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	26,711.37	844.20
<i>For Steam System, Add</i>	5,004.59	
23 52 33 16-0009 EA 770 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	28,009.17	875.47
<i>For Steam System, Add</i>	5,251.64	
23 52 33 16-0010 EA 860 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	30,393.02	938.01
<i>For Steam System, Add</i>	5,703.40	
23 52 33 16-0011 EA 1,020 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	32,776.86	1,000.54
<i>For Steam System, Add</i>	6,155.15	
23 52 33 16-0012 EA 1,220 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	35,568.10	1,125.61
<i>For Steam System, Add</i>	6,663.38	
23 52 33 16-0013 EA 1,440 MBH Oil Fired Water Tube Boiler, Steel Shell..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	38,077.01	1,250.67
<i>For Steam System, Add</i>	7,115.13	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Central Heating Equipment	<b>23 50</b>
Heating Boilers	<b>23 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0014 EA 1,700 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	42,154.93  7,905.70	1,313.21
23 52 33 16-0015 EA 2,050 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	44,538.76  8,357.46	1,375.74
23 52 33 16-0016 EA 2,200 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	48,052.00  9,035.09	1,438.27
23 52 33 16-0017 EA 2,450 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	53,823.99  10,164.47	1,500.81
23 52 33 16-0018 EA 2,750 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	57,744.63  10,898.57	1,625.88
23 52 33 16-0019 EA 3,100 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	61,665.28  11,632.68	1,750.95
23 52 33 16-0020 EA 3,450 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	65,868.25  12,423.25	1,876.02
23 52 33 16-0021 EA 4,300 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	79,162.80  15,032.13	2,001.09
23 52 33 16-0022 EA 5,160 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	90,593.86  17,268.31	2,126.14
<b>23 52 33 16-0023 Package Gas Fired Water Tube Boiler</b> <small>(23 52 33 16)</small> Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH output.		
23 52 33 16-0024 EA 200 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	19,938.42  3,787.58 946.89	500.27
23 52 33 16-0025 EA 285 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	20,407.81  3,856.44 964.11	562.80
23 52 33 16-0026 EA 350 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	20,877.19  3,925.30 981.33	625.34
23 52 33 16-0027 EA 430 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	21,897.51  4,104.35 1,026.09	687.87
23 52 33 16-0028 EA 520 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	22,917.83  4,283.40 1,070.85	750.40
23 52 33 16-0029 EA 600 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	24,833.38  4,641.50 1,160.38	812.94
23 52 33 16-0030 EA 680 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	26,101.05  4,882.53 1,220.63	844.20
23 52 33 16-0031 EA 770 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	27,368.73  5,123.56 1,280.89	875.47

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0032 EA 860 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	29,697.48 5,564.29 1,391.07	938.01
23 52 33 16-0033 EA 1,020 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	32,026.23 6,005.03 1,501.26	1,000.54
23 52 33 16-0034 EA 1,220 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	34,755.49 6,500.86 1,625.21	1,125.61
23 52 33 16-0035 EA 1,440 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	37,209.31 6,941.59 1,735.40	1,250.67
23 52 33 16-0036 EA 1,700 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	41,190.82 7,712.88 1,928.22	1,313.21
23 52 33 16-0037 EA 2,050 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	43,519.56 8,153.62 2,038.40	1,375.74
23 52 33 16-0038 EA 2,220 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	46,950.16 8,814.72 2,203.68	1,438.27
23 52 33 16-0039 EA 2,450 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	52,584.42 9,916.56 2,479.14	1,500.81
23 52 33 16-0040 EA 2,750 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	56,415.54 10,632.76 2,658.19	1,625.88
23 52 33 16-0041 EA 3,100 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	60,246.66 11,348.95 2,837.24	1,750.95
23 52 33 16-0042 EA 3,450 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	64,353.22 12,120.24 3,030.06	1,876.02
23 52 33 16-0043 EA 4,300 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	77,329.61 14,665.49 3,666.37	2,001.09
23 52 33 16-0044 EA 5,160 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	88,487.97 16,847.13 4,211.78	2,126.14

**23 52 36 Fire-Box Boiler** (23 52)**23 52 36 00-0001 Package Oil Fired Firebox Boilers** (23 52 36)

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002 EA 40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	37,467.89	1,500.81
23 52 36 00-0003 EA 46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	39,193.26	1,625.88
23 52 36 00-0004 EA 53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	41,052.70	1,750.95
23 52 36 00-0005 EA 61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	44,387.35	1,876.02
23 52 36 00-0006 EA 69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	46,380.90	2,001.09
23 52 36 00-0007 EA 80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	48,340.99	2,126.14
23 52 36 00-0008 EA 100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	53,727.52	2,251.21
23 52 36 00-0009 EA 127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	62,133.56	2,501.35
23 52 36 00-0010 EA 151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	70,680.47	2,751.49
23 52 36 00-0011 EA 183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	77,546.38	3,032.89
23 52 36 00-0012 EA 220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	84,412.36	3,314.29
23 52 36 00-0013 EA 257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	88,890.81	3,877.09
23 52 36 00-0014 EA 294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	108,221.82	4,439.90





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central Heating Equipment		23 50
Heating Boilers		23 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 36 00-0015	EA		368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	128,022.21	5,002.70
23 52 36 00-0016	EA		441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	148,048.28	5,628.04
23 52 36 00-0017	EA		514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	167,560.49	6,097.04

**23 53 Heating Boiler Feedwater Equipment** (23 50)

**23 53 13 Boiler Feedwater Pumps** (23 53)

See CSI section 23 53 16 00-0001 for boiler feedwater units.

**23 53 16 Deaerators** (23 53)

**23 53 16 00-0001 Boiler Feed System** (23 53 16)

**23 53 16 00-0002 Low Pressure Boiler Feed System** (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA		20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	4,600.15	802.45
23 53 16 00-0004	EA		34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	4,940.08	945.37
23 53 16 00-0005	EA		54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	5,318.99	978.50
23 53 16 00-0006	EA		67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	5,487.16	1,014.40
23 53 16 00-0007	EA		78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	5,802.96	1,084.12
23 53 16 00-0008	EA		104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	9,469.43	1,174.75
23 53 16 00-0009	EA		158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	10,707.46	1,254.93
23 53 16 00-0010	EA		219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	12,278.61	1,429.22
23 53 16 00-0011	EA		254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	13,524.60	1,533.81
23 53 16 00-0012	EA		305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	14,576.36	1,638.38

**23 53 16 00-0013 High Pressure Boiler Feed System** (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA		10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,528.03	684.15
23 53 16 00-0015	EA		20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,772.59	802.45
23 53 16 00-0016	EA		34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,517.36	945.37
23 53 16 00-0017	EA		54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	8,139.42	978.50
23 53 16 00-0018	EA		67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	8,275.80	1,014.40
23 53 16 00-0019	EA		78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	10,034.33	1,084.12
23 53 16 00-0020	EA		104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	13,138.13	1,174.75
23 53 16 00-0021	EA		158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	13,458.56	1,254.93
23 53 16 00-0022	EA		183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,820.36	1,343.88
23 53 16 00-0023	EA		219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	15,954.56	1,429.22
23 53 16 00-0024	EA		254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	17,067.26	1,533.81
23 53 16 00-0025	EA		305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	18,414.43	1,638.38

**23 53 16 00-0026 Boiler Feedwater System** (23 53 16)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027	EA		1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	8,125.90	945.37
23 53 16 00-0028	EA		2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	10,647.07	1,083.07
23 53 16 00-0029	EA		4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	14,119.81	1,239.59
23 53 16 00-0030	EA		6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	17,007.58	1,429.92
23 53 16 00-0031	EA		8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	18,044.66	1,533.81
23 53 16 00-0032	EA		11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	19,027.08	1,638.38
23 53 16 00-0033	EA		13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	21,163.96	1,882.46
23 53 16 00-0034	EA		17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	27,469.80	2,161.40
23 53 16 00-0035	EA		20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	35,776.78	2,497.44
23 53 16 00-0036	EA		27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	45,387.54	2,866.81
23 53 16 00-0037	EA		34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories .....	58,324.02	3,298.37

**23 53 16 00-0038 Duplex Vacuum Condensate Pumps** (23 53 16)

23 53 16 00-0039	EA		7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	16,671.84	557.75
			Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.		
23 53 16 00-0040	EA		9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	17,053.82	592.61
			Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.		
23 53 16 00-0041	EA		12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	17,492.58	627.47
			Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.		
23 53 16 00-0042	EA		18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump.....	19,208.76	662.33
			Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.		
23 53 16 00-0043	EA		28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	22,912.08	697.19
			Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.		
23 53 16 00-0044	EA		42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	24,117.30	732.04
			Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.		

**23 54 Furnaces** (23 50)

Note: All units based on output.

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 54 Furnaces**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 54 13</b>			<b>Electric-Resistance Furnaces <sup>(23 54)</sup></b>		
<b>23 54 13 00-0001</b>			<b>Down Flow Multi-Speed Air Handler/Electric Furnace <sup>(23 54 13)</sup></b>		
23 54 13 00-0002	EA		Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	699.69	62.93
23 54 13 00-0003	EA		>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	925.60	78.66
23 54 13 00-0004	EA		>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,199.53	94.38
<b>23 54 13 00-0005</b>			<b>Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace <sup>(23 54 13)</sup></b>		
23 54 13 00-0006	EA		Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	699.69	62.93
23 54 13 00-0007	EA		>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	838.14	70.79
23 54 13 00-0008	EA		>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	915.60	78.66
23 54 13 00-0009	EA		>3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	957.07	86.52
23 54 13 00-0010	EA		>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,199.53	94.38
<b>23 54 13 00-0011</b>			<b>Heating Coil For Air Handler/Electric Furnace <sup>(23 54 13)</sup></b>		
23 54 13 00-0012	EA		5 KW Heating Coil For Air Handler/Electric Furnace.....	123.98	17.25
23 54 13 00-0013	EA		7 KW Heating Coil For Air Handler/Electric Furnace.....	141.88	18.98
23 54 13 00-0014	EA		10 KW Heating Coil For Air Handler/Electric Furnace.....	153.79	20.70
23 54 13 00-0015	EA		15 KW Heating Coil For Air Handler/Electric Furnace.....	210.69	22.42
23 54 13 00-0016	EA		20 KW Heating Coil For Air Handler/Electric Furnace.....	227.58	24.15
<b>23 54 16</b>			<b>Fuel-Fired Furnaces <sup>(23 54)</sup></b>		
<b>23 54 16 13</b>			<b>Gas-Fired Furnaces <sup>(23 54 16)</sup></b>		
<b>23 54 16 13-0001</b>			<b>Natural Gas Fired Forced Air Furnaces <sup>(23 54 16 13)</sup></b>		
			Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
<b>23 54 16 13-0002</b>			<b>Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0003	EA		40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,112.23	55.06
23 54 16 13-0004	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,183.69	62.93
23 54 16 13-0005	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,366.14	70.79
23 54 16 13-0006	EA		100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,596.07	86.52
23 54 16 13-0007	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,702.53	94.38
<b>23 54 16 13-0008</b>			<b>Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0009	EA		40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,240.22	55.06
23 54 16 13-0010	EA		60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,357.69	62.93
23 54 16 13-0011	EA		80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,438.91	70.79
23 54 16 13-0012	EA		80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3.5 tons.	1,559.60	78.66
23 54 16 13-0013	EA		100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,697.07	86.52
23 54 16 13-0014	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,788.53	94.38
<b>23 54 16 13-0015</b>			<b>Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0016	EA		45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,090.18	55.06
23 54 16 13-0017	EA		70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,251.65	62.93
23 54 16 13-0018	EA		90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,354.56	78.66
23 54 16 13-0019	EA		90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,446.03	86.52
<b>23 54 16 13-0020</b>			<b>Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0021	EA		40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,436.22	55.06



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0022 EA 60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,511.69	62.93
23 54 16 13-0023 EA 80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,683.14	70.79
23 54 16 13-0024 EA 100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,836.07	86.52
23 54 16 13-0025 EA 120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,967.53	94.38
<b>23 54 16 13-0026 Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace</b> (23 54 16 13-0001)		
23 54 16 13-0027 EA 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	990.22	55.06
23 54 16 13-0028 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,042.69	62.93
23 54 16 13-0029 EA 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,163.14	70.79
23 54 16 13-0030 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,173.14	70.79
23 54 16 13-0031 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	1,279.60	78.66
23 54 16 13-0032 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,348.07	86.52
23 54 16 13-0033 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,428.53	94.38
<b>23 54 16 13-0034 Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace</b> (23 54 16 13-0001)		
23 54 16 13-0035 EA 40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	683.22	55.06
23 54 16 13-0036 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	746.69	62.93
23 54 16 13-0037 EA 60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	854.14	70.79
23 54 16 13-0038 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	855.14	70.79
23 54 16 13-0039 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	938.60	78.66
23 54 16 13-0040 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	962.07	86.52
23 54 16 13-0041 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,069.53	94.38
<b>23 54 16 13-0042 Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace</b> (23 54 16 13-0001)		
23 54 16 13-0043 EA 40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	693.22	55.06
23 54 16 13-0044 EA 60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	749.69	62.93
23 54 16 13-0045 EA 80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	899.14	70.79
23 54 16 13-0046 EA 100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	989.60	78.66
<b>23 54 16 13-0047 75% AFUE Gas Wall/Recessed Furnace</b> (23 54 16 13-0001)		
23 54 16 13-0048 EA 35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace .....	1,189.72	47.20
23 54 16 13-0049 EA 55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace .....	1,371.92	59.02
23 54 16 13-0050 EA 35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,074.72	47.20
23 54 16 13-0051 EA 40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,148.45	51.15
23 54 16 13-0052 EA 50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,137.18	55.06
23 54 16 13-0053 EA 65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,170.97	59.02
23 54 16 13-0054 EA 75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,213.05	59.02
<b>23 54 16 16 Oil-Fired Furnaces</b> (23 54 16)		
<b>23 54 16 16-0001 Oil Fired Forced Air Furnaces</b> (23 54 16 16)		
Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
<b>23 54 16 16-0002 Up Flow Single Speed, One Stage 81% AFUE Oil Furnace</b> (23 54 16 16-0001)		
23 54 16 16-0003 EA 72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace.....	1,923.69	62.93
23 54 16 16-0004 EA 95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 4 tons.	2,040.07	86.52
23 54 16 16-0005 EA 126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	2,353.99	102.25
<b>23 54 16 16-0006 Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace</b> (23 54 16 16-0001)		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 54 Furnaces**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 16-0007 EA 95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace .....	2,226.07	86.52
Note: Blower cooling capacity up to 3 tons.		
23 54 16 16-0008 EA 126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace .....	2,240.99	102.25
Note: Blower cooling capacity up to 5 tons.		
<b>23 54 16 16-0009 Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace</b> (23 54 16 16-0007)		
23 54 16 16-0010 EA 95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace .....	1,922.07	86.52
Note: Blower cooling capacity up to 4 tons.		
23 54 16 16-0011 EA 127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace .....	2,281.99	102.25
Note: Blower cooling capacity up to 5 tons.		
<b>23 54 19 Furnace Accessories</b> (23 54)		
23 54 19 00-0001 EA LP Gas Furnace Conversion Kit.....	107.92	15.73
23 54 19 00-0002 EA 1" Furnace External Filter Rack .....	32.72	
23 54 19 00-0003 EA Remove And Reinstall Forced Air Furnace.....	291.31	
Note: Includes storage and cleaning. Excludes ductwork.		
<b>23 55 Fuel-Fired Heaters</b> (23 50)		
<b>23 55 23 Gas-Fired Radiant Heaters</b> (23 55)		
<b>23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters</b> (23 55 23)		
<b>23 55 23 13-0001 Infrared Heaters-Radiant Energy</b> (23 55 23 13)		
Note: For spot localized or total heating, ceiling hung units, no fan required.		
<b>23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater</b> (23 55 23 13-0001)		
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003 EA 15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	710.94	69.72
23 55 23 13-0004 EA 37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	777.28	76.69
23 55 23 13-0005 EA 50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	836.25	76.69
23 55 23 13-0006 EA 75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,052.63	92.03
23 55 23 13-0007 EA 100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan .....	1,062.57	92.03
<b>23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater</b> (23 55 23 13-0001)		
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009 EA 1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	772.47	69.21
For Stainless Steel Housing, Add	140.68	
23 55 23 13-0010 EA 3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	833.07	69.21
For Stainless Steel Housing, Add	155.83	
23 55 23 13-0011 EA 5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	902.33	69.21
For Stainless Steel Housing, Add	173.15	
23 55 23 13-0012 EA 7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	985.59	69.21
For Stainless Steel Housing, Add	193.96	
23 55 23 13-0013 EA 10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,081.62	75.51
For Stainless Steel Housing, Add	216.13	
23 55 23 13-0014 EA 13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,157.76	81.80
For Stainless Steel Housing, Add	232.76	
23 55 23 13-0015 EA 24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,914.48	88.09
For Stainless Steel Housing, Add	415.64	
<b>23 55 23 13-0016 Gas Fired Tubular Infrared Heater</b> (23 55 23 13-0001)		
Note: Includes controls and supports.		
<b>23 55 23 13-0017 "U" Package</b> (23 55 23 13-0016)		
23 55 23 13-0018 LF Up To 75 MBH Input Radiant Heater .....	53.67	3.49
23 55 23 13-0019 LF 76 To 105 MBH Input Radiant Heater.....	61.92	4.18
23 55 23 13-0020 LF 106 To 130 MBH Input Radiant Heater .....	75.67	4.88
<b>23 55 23 13-0021 "S" Straight Package</b> (23 55 23 13-0016)		
23 55 23 13-0022 LF Up To 75 MBH Input Radiant Heater .....	43.63	2.79
23 55 23 13-0023 LF 76 To 105 MBH Input Radiant Heater .....	55.52	3.49
23 55 23 13-0024 LF 106 To 130 MBH Input Radiant Heater.....	67.40	4.18
<b>23 55 33 Fuel-Fired Unit Heaters</b> (23 55)		
<b>23 55 33 00-0001 Gas Fired Unit Heaters</b> (23 55 33)		
<b>23 55 33 00-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt</b> (23 55 33 00-0001)		
23 55 33 00-0003 EA 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,181.80	120.37
23 55 33 00-0004 EA 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,294.61	144.44
23 55 33 00-0005 EA 48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,314.32	144.44
23 55 33 00-0006 EA 60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,436.64	168.51
23 55 33 00-0007 EA 72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,581.00	192.58
23 55 33 00-0008 EA 81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,696.56	204.62



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central Heating Equipment</b>	<b>23 50</b>
<b>Fuel-Fired Heaters</b>	<b>23 55</b>

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0009 EA 101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,746.27	204.62
23 55 33 00-0010 EA 121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,703.67	204.62
23 55 33 00-0011 EA 141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,023.55	216.66
23 55 33 00-0012 EA 162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,217.60	216.66
23 55 33 00-0013 EA 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,378.52	216.66
23 55 33 00-0014 EA 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,841.68	240.73
23 55 33 00-0015 EA 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,206.12	240.73
23 55 33 00-0016 EA 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,440.37	264.81
<b>23 55 33 00-0017 Oil Fired Unit Heater (23 55 33)</b>		
<b>23 55 33 00-0018 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt (23 55 33 00-0017)</b>		
23 55 33 00-0019 EA 97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	4,713.87	320.97
23 55 33 00-0020 EA 142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,057.23	353.07
23 55 33 00-0021 EA 188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,432.43	385.17
<b>23 55 33 00-0022 Removal And Reinstallation Of Unit Heaters (23 55 33)</b>		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0023 EA Remove And Reinstall Up To 101.3 MBH Output Gas or Oil Unit Heater .....	400.88	
23 55 33 00-0024 EA Remove And Reinstall >101.3 MBH Output Gas or Oil Unit Heater .....	540.32	
<b>23 57 Heat Exchangers for HVAC (23 50)</b>		
<b>23 57 13 Steam-To-Steam Heat Exchangers (23 57)</b>		
<b>23 57 13 00-0001 Steam Generator Heat Exchanger (23 57 13)</b>		
Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002 EA 75 LB/Hour Steam Generator Heat Exchanger, 35 PSI .....	11,228.95	1,115.49
23 57 13 00-0003 EA 300 LB/Hour Steam Generator Heat Exchanger, 35 PSI .....	15,074.40	1,185.21
23 57 13 00-0004 EA 525 LB/Hour Steam Generator Heat Exchanger, 35 PSI .....	20,217.02	1,428.73
<b>23 57 16 Steam-To-Water Heat Exchangers (23 57)</b>		
<b>23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI (23 57 16)</b>		
Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002 EA 8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	1,303.92	174.29
<i>For Copper Nickel Tubes, Add</i>		
		107.15
<i>For Bronze Head And Tube Sheet, Add</i>		
		482.18
<i>For Double Wall Tube Bundles, Add</i>		
		160.73
23 57 16 00-0003 EA 10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	1,901.46	174.29
<i>For Copper Nickel Tubes, Add</i>		
		162.26
<i>For Bronze Head And Tube Sheet, Add</i>		
		730.17
<i>For Double Wall Tube Bundles, Add</i>		
		243.39
23 57 16 00-0004 EA 40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	2,859.01	244.01
<i>For Copper Nickel Tubes, Add</i>		
		251.04
<i>For Bronze Head And Tube Sheet, Add</i>		
		1,129.69
<i>For Double Wall Tube Bundles, Add</i>		
		376.56
23 57 16 00-0005 EA 64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	4,524.05	244.01
<i>For Copper Nickel Tubes, Add</i>		
		382.69
<i>For Bronze Head And Tube Sheet, Add</i>		
		1,722.09
<i>For Double Wall Tube Bundles, Add</i>		
		574.03
23 57 16 00-0006 EA 96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	5,953.55	287.24
<i>For Copper Nickel Tubes, Add</i>		
		508.21
<i>For Bronze Head And Tube Sheet, Add</i>		
		2,286.93
<i>For Double Wall Tube Bundles, Add</i>		
		762.31
23 57 16 00-0007 EA 120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	7,798.62	354.19
<i>For Copper Nickel Tubes, Add</i>		
		667.40
<i>For Bronze Head And Tube Sheet, Add</i>		
		3,003.32
<i>For Double Wall Tube Bundles, Add</i>		
		1,001.11
23 57 16 00-0008 EA 168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	9,636.13	531.62
<i>For Copper Nickel Tubes, Add</i>		
		817.42
<i>For Bronze Head And Tube Sheet, Add</i>		
		3,678.38
<i>For Double Wall Tube Bundles, Add</i>		
		1,226.13
23 57 16 00-0009 EA 240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	14,563.24	531.62
<i>For Copper Nickel Tubes, Add</i>		
		1,273.58
<i>For Bronze Head And Tube Sheet, Add</i>		
		5,731.11
<i>For Double Wall Tube Bundles, Add</i>		
		1,910.37
<b>23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)</b>		
<b>23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)</b>		
<b>23 57 19 13-0001 Plate And Frame Heat Exchanger (23 57 19 13)</b>		
23 57 19 13-0002 EA 8" W x 18-7/8"H Plate And Frame Heat Exchanger .....	2,054.20	174.29
23 57 19 13-0003 EA 8" W x 24-9/16"H Plate And Frame Heat Exchanger .....	2,719.80	174.29
23 57 19 13-0004 EA 11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger .....	3,621.49	209.15
23 57 19 13-0005 EA 16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger .....	4,904.40	226.59

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 57 Heat Exchangers for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 13-0006	EA		16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	5,362.01	226.59
23 57 19 13-0007	EA		24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	6,977.72	244.01
23 57 19 13-0008	EA		26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	7,352.13	244.01
23 57 19 13-0009	EA		24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	9,085.79	278.87
23 57 19 13-0010	EA		24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	11,110.67	313.73
23 57 19 13-0011	EA		26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	11,526.68	313.73
23 57 19 13-0012	EA		24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	14,251.05	358.84
23 57 19 13-0013	EA		26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	17,194.46	394.66
23 57 19 13-0014	EA		40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	19,846.60	430.48

**23 57 19 19 Water-To-Water Heat Exchanger (23 57 19)****23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19)**

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA		7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,548.84	174.29
			<i>For Copper Nickel Tubes, Add</i>	131.64	
			<i>For Double Wall Tube Bundles, Add</i>	197.47	
23 57 19 19-0003	EA		16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,146.38	174.29
			<i>For Copper Nickel Tubes, Add</i>	186.75	
			<i>For Double Wall Tube Bundles, Add</i>	280.13	
23 57 19 19-0004	EA		34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,195.77	244.01
			<i>For Copper Nickel Tubes, Add</i>	284.72	
			<i>For Double Wall Tube Bundles, Add</i>	427.08	
23 57 19 19-0005	EA		55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,567.18	244.01
			<i>For Copper Nickel Tubes, Add</i>	410.24	
			<i>For Double Wall Tube Bundles, Add</i>	615.36	
23 57 19 19-0006	EA		74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,657.70	278.87
			<i>For Copper Nickel Tubes, Add</i>	505.15	
			<i>For Double Wall Tube Bundles, Add</i>	757.72	
23 57 19 19-0007	EA		86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	7,530.37	278.87
			<i>For Copper Nickel Tubes, Add</i>	679.65	
			<i>For Double Wall Tube Bundles, Add</i>	1,019.48	
23 57 19 19-0008	EA		112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	9,309.68	265.81
			<i>For Copper Nickel Tubes, Add</i>	844.97	
			<i>For Double Wall Tube Bundles, Add</i>	1,267.46	
23 57 19 19-0009	EA		126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,575.77	265.81
			<i>For Copper Nickel Tubes, Add</i>	1,053.15	
			<i>For Double Wall Tube Bundles, Add</i>	1,579.73	
23 57 19 19-0010	EA		152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,799.59	265.81
			<i>For Copper Nickel Tubes, Add</i>	1,347.05	
			<i>For Double Wall Tube Bundles, Add</i>	2,020.58	

**23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)****23 57 19 23-0001 Heat Exchanger Refrigerant To Water (23 57 19 23)**

23 57 19 23-0002	EA		10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	1,752.48	139.44
			<i>For Copper Nickel Tubes, Add</i>	147.36	
			<i>For Double Wall Tube Bundles, Add</i>	221.04	
23 57 19 23-0003	EA		53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	4,632.41	232.38
			<i>For Copper Nickel Tubes, Add</i>	416.76	
			<i>For Double Wall Tube Bundles, Add</i>	625.14	
23 57 19 23-0004	EA		70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	6,239.25	303.13
			<i>For Copper Nickel Tubes, Add</i>	563.41	
			<i>For Double Wall Tube Bundles, Add</i>	845.11	
23 57 19 23-0005	EA		87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	6,704.04	366.93
			<i>For Copper Nickel Tubes, Add</i>	597.17	
			<i>For Double Wall Tube Bundles, Add</i>	895.76	
23 57 19 23-0006	EA		105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	8,063.00	422.18
			<i>For Copper Nickel Tubes, Add</i>	720.50	
			<i>For Double Wall Tube Bundles, Add</i>	1,080.76	

**23 60 Central Cooling Equipment (23)**

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

**23 61 Refrigerant Compressors (23 60)****23 61 16 Reciprocating Refrigerant Compressors (23 61)****23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors (23 61 16)**

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA		1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	347.40	61.07
23 61 16 00-0003	EA		1/3 Ton Refrigerant Compressor, Reciprocating Open Type.....	409.53	61.07
23 61 16 00-0004	EA		1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	553.98	76.32
23 61 16 00-0005	EA		3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	682.13	76.32
23 61 16 00-0006	EA		1 Ton Refrigerant Compressor, Reciprocating Open Type.....	759.80	76.32
23 61 16 00-0007	EA		1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	770.44	79.40
23 61 16 00-0008	EA		1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	774.97	79.40
23 61 16 00-0009	EA		1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	850.62	85.50



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0010 EA 2 Ton Refrigerant Compressor, Reciprocating Open Type.....	914.61	91.61
23 61 16 00-0011 EA 2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	996.72	97.73
23 61 16 00-0012 EA 3 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,130.05	97.73
23 61 16 00-0013 EA 3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,266.53	103.83
23 61 16 00-0014 EA 4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,294.30	109.94
23 61 16 00-0015 EA 4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,315.92	112.96
23 61 16 00-0016 EA 5 Ton Refrigerant Compressor, Reciprocating Open Type.....	2,020.59	591.36
23 61 16 00-0017 EA 7.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	3,010.16	675.80
23 61 16 00-0018 EA 10 Ton Refrigerant Compressor, Reciprocating Open Type.....	3,999.81	760.31
23 61 16 00-0019 EA 12.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	5,254.71	823.61
23 61 16 00-0020 EA 15 Ton Refrigerant Compressor, Reciprocating Open Type.....	6,509.79	887.03
23 61 16 00-0021 EA 20 Ton Refrigerant Compressor, Reciprocating Open Type.....	7,811.75	1,064.44
23 61 16 00-0022 EA 25 Ton Refrigerant Compressor, Reciprocating Open Type.....	9,377.25	1,144.06
23 61 16 00-0023 EA 30 Ton Refrigerant Compressor, Reciprocating Open Type.....	10,877.55	1,209.59
23 61 16 00-0024 EA 50 Ton Refrigerant Compressor, Reciprocating Open Type.....	14,217.14	1,364.68
23 61 16 00-0025 EA 60 Ton Refrigerant Compressor, Reciprocating Open Type.....	16,730.58	1,400.46
23 61 16 00-0026 EA 70 Ton Refrigerant Compressor, Reciprocating Open Type.....	20,883.41	1,436.19
23 61 16 00-0027 EA 75 Ton Refrigerant Compressor, Reciprocating Open Type.....	21,922.93	1,454.12
23 61 16 00-0028 EA 80 Ton Refrigerant Compressor, Reciprocating Open Type.....	22,919.05	1,471.99
23 61 16 00-0029 EA 90 Ton Refrigerant Compressor, Reciprocating Open Type.....	24,783.88	1,507.72
23 61 16 00-0030 EA 100 Ton Refrigerant Compressor, Reciprocating Open Type.....	26,477.81	1,543.56
23 61 16 00-0031 EA 110 Ton Refrigerant Compressor, Reciprocating Open Type.....	28,345.68	1,729.62
23 61 16 00-0032 EA 120 Ton Refrigerant Compressor, Reciprocating Open Type.....	29,697.91	1,768.33
23 61 16 00-0033 EA 130 Ton Refrigerant Compressor, Reciprocating Open Type.....	30,855.05	1,790.85
23 61 16 00-0034 EA 140 Ton Refrigerant Compressor, Reciprocating Open Type.....	31,889.65	1,846.24
23 61 16 00-0035 EA 150 Ton Refrigerant Compressor, Reciprocating Open Type.....	32,727.40	1,884.96
23 61 16 00-0036 EA 175 Ton Refrigerant Compressor, Reciprocating Open Type.....	33,584.14	1,936.61
23 61 16 00-0037 EA 185 Ton Refrigerant Compressor, Reciprocating Open Type.....	34,384.09	1,957.43
23 61 16 00-0038 EA 200 Ton Refrigerant Compressor, Reciprocating Open Type.....	35,222.03	1,989.82
23 61 16 00-0039 EA 225 Ton Refrigerant Compressor, Reciprocating Open Type.....	36,210.13	2,124.02
23 61 16 00-0040 EA 250 Ton Refrigerant Compressor, Reciprocating Open Type.....	37,166.24	2,238.53

**23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors** (23 61 16)  
 Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

**23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons** (23 61 16 00-0041)

23 61 16 00-0043 EA 1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	585.04	61.07
23 61 16 00-0044 EA 1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	604.73	61.07
23 61 16 00-0045 EA 1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	654.96	76.32
23 61 16 00-0046 EA 3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	674.66	76.32
23 61 16 00-0047 EA 1 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	684.50	76.32
23 61 16 00-0048 EA 1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	706.37	79.40
23 61 16 00-0049 EA 1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	728.04	79.40
23 61 16 00-0050 EA 1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	781.62	85.50
23 61 16 00-0051 EA 2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	833.23	91.61
23 61 16 00-0052 EA 2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	904.53	97.73
23 61 16 00-0053 EA 3 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	943.92	97.73
23 61 16 00-0054 EA 3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	1,015.22	103.83
23 61 16 00-0055 EA 4 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	1,204.72	109.94
23 61 16 00-0056 EA 4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	1,319.14	112.96

**23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors** (23 61 16 00-0041)

23 61 16 00-0058 EA 5 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	1,664.43	304.12
23 61 16 00-0059 EA 10 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	3,158.90	380.16
23 61 16 00-0060 EA 15 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	5,267.74	462.81
23 61 16 00-0061 EA 20 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	6,707.87	532.21
23 61 16 00-0062 EA 25 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	7,408.36	591.36
23 61 16 00-0063 EA 30 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	8,214.10	665.27
23 61 16 00-0064 EA 35 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	10,620.16	760.31
23 61 16 00-0065 EA 40 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	13,650.18	760.31
23 61 16 00-0066 EA 50 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	16,857.11	887.03
23 61 16 00-0067 EA 60 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	18,976.12	950.39
23 61 16 00-0068 EA 70 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	20,049.50	996.00
23 61 16 00-0069 EA 75 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	20,612.39	1,045.19
23 61 16 00-0070 EA 80 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	21,196.55	1,049.25
23 61 16 00-0071 EA 90 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	22,265.42	1,098.62
23 61 16 00-0072 EA 100 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	23,344.84	1,144.06

**23 61 19 Scroll Refrigerant Compressors** (23 61)

**23 61 19 00-0001 Scroll Refrigerant Compressors** (23 61 19)

23 61 19 00-0002 EA Up To 3 Ton Scroll Refrigerant Compressor.....	887.64	97.60
23 61 19 00-0003 EA 3.5 Ton Scroll Refrigerant Compressor .....	930.17	103.88
23 61 19 00-0004 EA 4 Ton Scroll Refrigerant Compressor .....	951.75	109.88
23 61 19 00-0005 EA 4.5 Ton Scroll Refrigerant Compressor .....	970.02	113.02
23 61 19 00-0006 EA 5 Ton Scroll Refrigerant Compressor .....	1,200.84	142.70
23 61 19 00-0007 EA 7.5 Ton Scroll Refrigerant Compressor .....	2,306.56	214.05

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 61 Refrigerant Compressors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61	19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor.....	2,637.42	249.72
23 61	19 00-0009	EA	10 Ton Scroll Refrigerant Compressor.....	2,953.01	285.40
23 61	19 00-0010	EA	12 Ton Scroll Refrigerant Compressor.....	3,569.69	342.48
23 61	19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor.....	4,215.40	385.29
23 61	19 00-0012	EA	15 Ton Scroll Refrigerant Compressor.....	4,952.58	428.10
23 61	19 00-0013	EA	20 Ton Scroll Refrigerant Compressor.....	6,991.11	570.81
23 61	19 00-0014	EA	25 Ton Scroll Refrigerant Compressor.....	7,857.44	713.50
23 61	19 00-0015	EA	30 Ton Scroll Refrigerant Compressor.....	8,368.95	856.20

**23 61 23 Rotary-Screw Refrigerant Compressors (23 61)****23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors (23 61 23)**

23 61	23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type.....	24,094.94	1,454.12
23 61	23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type.....	24,828.33	1,471.99
23 61	23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type.....	26,418.23	1,507.72
23 61	23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type.....	27,991.51	1,543.56
23 61	23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type.....	30,178.97	1,729.62
23 61	23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type.....	32,022.74	1,768.33
23 61	23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type.....	33,825.92	1,790.85
23 61	23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type.....	35,697.69	1,846.24
23 61	23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type.....	37,539.04	1,884.96
23 61	23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type.....	40,134.09	1,936.61
23 61	23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type.....	41,950.76	1,957.43
23 61	23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type.....	42,796.97	1,989.82
23 61	23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type.....	48,038.98	2,124.02
23 61	23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type.....	53,208.90	2,238.53

**23 62 Packaged Compressor and Condenser Units (23 60)****23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units (23 62)****23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors (23 62 13)**

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62	13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	5,397.22	263.71
23 62	13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	12,940.43	263.71
23 62	13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	23,361.71	263.71
23 62	13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	27,834.60	301.38
23 62	13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	33,247.71	376.73
23 62	13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	36,903.22	458.35
23 62	13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	37,921.55	547.01
23 62	13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	40,690.41	612.70
23 62	13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	43,364.49	642.09
23 62	13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	49,890.45	759.62
23 62	13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	56,447.87	875.29
23 62	13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	59,651.85	881.23
23 62	13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	67,528.03	941.03
23 62	13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	73,923.67	997.05

**23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type (23 62 13)**

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62	13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	5,112.01	263.71
23 62	13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	11,317.10	263.71
23 62	13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	18,110.02	263.71
23 62	13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	19,610.18	301.38
23 62	13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	21,167.42	376.73
23 62	13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	25,225.94	458.35
23 62	13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	28,640.83	547.01
23 62	13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	36,870.84	609.89
23 62	13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	41,378.91	642.09
23 62	13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	45,073.54	758.68
23 62	13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	51,677.52	875.29
23 62	13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	54,730.19	881.23
23 62	13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	60,151.70	941.03
23 62	13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	68,804.54	997.05





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central Cooling Equipment</b>	<b>23 60</b>
<b>Packaged Compressor and Condenser Units</b>	<b>23 62</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>23 62 13 00-0031</b>	<b>Packaged Chiller With Remote Air Cooled Condenser</b> <small>(23 62 13)</small>		
	<small>Note: With remote air cooled condenser rated by cooling capacity. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.</small>		
23 62 13 00-0032	EA 15 Ton Packaged Chiller With Remote Air Cooled Condensers.....	31,714.58	4,811.69
	<i>For Gas Fired Engine Driven, Add</i>	5,621.53	
23 62 13 00-0033	EA 20 Ton Packaged Chiller With Remote Air Cooled Condensers.....	36,010.42	5,071.78
	<i>For Gas Fired Engine Driven, Add</i>	6,441.70	
23 62 13 00-0034	EA 25 Ton Packaged Chiller With Remote Air Cooled Condensers.....	42,007.58	5,519.23
	<i>For Gas Fired Engine Driven, Add</i>	7,574.27	
23 62 13 00-0035	EA 30 Ton Packaged Chiller With Remote Air Cooled Condensers.....	47,140.82	5,864.22
	<i>For Gas Fired Engine Driven, Add</i>	8,548.97	
23 62 13 00-0036	EA 40 Ton Packaged Chiller With Remote Air Cooled Condensers.....	59,412.97	6,470.86
	<i>For Gas Fired Engine Driven, Add</i>	10,912.45	
23 62 13 00-0037	EA 50 Ton Packaged Chiller With Remote Air Cooled Condensers.....	65,795.86	6,701.94
	<i>For Gas Fired Engine Driven, Add</i>	12,154.38	
23 62 13 00-0038	EA 60 Ton Packaged Chiller With Remote Air Cooled Condensers.....	71,539.92	7,217.47
	<i>For Gas Fired Engine Driven, Add</i>	13,225.90	
23 62 13 00-0039	EA 70 Ton Packaged Chiller With Remote Air Cooled Condensers.....	87,532.65	7,722.45
	<i>For Gas Fired Engine Driven, Add</i>	16,334.27	
23 62 13 00-0040	EA 75 Ton Packaged Chiller With Remote Air Cooled Condensers.....	88,588.78	7,872.05
	<i>For Gas Fired Engine Driven, Add</i>	16,537.54	
23 62 13 00-0041	EA 80 Ton Packaged Chiller With Remote Air Cooled Condensers.....	90,078.40	8,214.34
	<i>For Gas Fired Engine Driven, Add</i>	16,784.15	
23 62 13 00-0042	EA 90 Ton Packaged Chiller With Remote Air Cooled Condensers.....	100,264.86	8,587.73
	<i>For Gas Fired Engine Driven, Add</i>	18,765.46	
23 62 13 00-0043	EA 100 Ton Packaged Chiller With Remote Air Cooled Condensers.....	111,234.53	8,996.69
	<i>For Gas Fired Engine Driven, Add</i>	20,898.08	
23 62 13 00-0044	EA 110 Ton Packaged Chiller With Remote Air Cooled Condensers.....	123,646.40	9,446.49
	<i>For Gas Fired Engine Driven, Add</i>	23,313.01	
23 62 13 00-0045	EA 120 Ton Packaged Chiller With Remote Air Cooled Condensers.....	133,860.66	9,943.70
	<i>For Gas Fired Engine Driven, Add</i>	25,281.33	
23 62 13 00-0046	EA 140 Ton Packaged Chiller With Remote Air Cooled Condensers.....	148,004.47	10,496.10
	<i>For Gas Fired Engine Driven, Add</i>	28,027.27	

**23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units** (23 62)

<b>23 62 23 00-0001</b>	<b>Water Cooled Condensing Units</b> <small>(23 62 23)</small>		
	<small>Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.</small>		
23 62 23 00-0002	EA 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	4,159.08	446.16
23 62 23 00-0003	EA 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	6,304.29	651.58
23 62 23 00-0004	EA 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	7,211.60	706.15
23 62 23 00-0005	EA 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	8,938.08	847.37
23 62 23 00-0006	EA 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	9,668.12	996.95
23 62 23 00-0007	EA 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	20,319.75	1,430.67
23 62 23 00-0008	EA 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	25,212.92	1,726.70
23 62 23 00-0009	EA 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	34,811.95	1,889.27

**23 63 Refrigerant Condensers** (23 60)

**23 63 13 Air-Cooled Refrigerant Condensers** (23 63)

<b>23 63 13 00-0001</b>	<b>Air Cooled Condensing Units</b> <small>(23 63 13)</small>		
	<small>Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.</small>		
23 63 13 00-0002	EA 6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	3,850.48	446.16
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	581.65	
	<i>For &gt;10 To 25, Deduct</i>	-95.24	
	<i>For Winter Start Control, Add</i>	194.56	
	<i>For &gt;25 To 50, Deduct</i>	-158.74	
	<i>For &gt;50, Deduct</i>	-253.98	
23 63 13 00-0003	EA 7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	4,612.13	529.61
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	505.39	
	<i>For &gt;10 To 25, Deduct</i>	-114.29	
	<i>For &gt;25 To 50, Deduct</i>	-190.48	
	<i>For &gt;50, Deduct</i>	-304.78	
	<i>For Winter Start Control, Add</i>	156.44	
23 63 13 00-0004	EA 10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	5,999.02	651.58
	<i>For &gt;10 To 25, Deduct</i>	-150.34	
	<i>For &gt;25 To 50, Deduct</i>	-250.57	
	<i>For &gt;50, Deduct</i>	-400.91	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	597.70	
	<i>For Winter Start Control, Add</i>	198.99	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 63 Refrigerant Condensers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0005	EA		12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,432.00	677.90
			<i>For &gt;10 To 25, Deduct</i>	-192.15	
			<i>For &gt;25 To 50, Deduct</i>	-320.24	
			<i>For &gt;50, Deduct</i>	-512.39	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	705.12	
			<i>For Winter Start Control, Add</i>	230.81	
23 63 13 00-0006	EA		15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,868.28	706.15
			<i>For Winter Start Control, Add</i>	184.98	
			<i>For &gt;10 To 25, Deduct</i>	-233.95	
			<i>For &gt;25 To 50, Deduct</i>	-389.92	
			<i>For &gt;50, Deduct</i>	-623.87	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	735.38	
23 63 13 00-0007	EA		20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,434.55	847.37
			<i>For Winter Start Control, Add</i>	229.90	
			<i>For &gt;10 To 25, Deduct</i>	-304.52	
			<i>For &gt;25 To 50, Deduct</i>	-507.53	
			<i>For &gt;50, Deduct</i>	-812.05	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	930.01	
23 63 13 00-0008	EA		25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	13,013.57	911.58
			<i>For Winter Start Control, Add</i>	254.33	
			<i>For &gt;10 To 25, Deduct</i>	-349.01	
			<i>For &gt;25 To 50, Deduct</i>	-581.68	
			<i>For &gt;50, Deduct</i>	-930.69	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	984.84	
23 63 13 00-0009	EA		30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,928.93	995.03
			<i>For Winter Start Control, Add</i>	284.79	
			<i>For &gt;10 To 25, Deduct</i>	-402.70	
			<i>For &gt;25 To 50, Deduct</i>	-671.17	
			<i>For &gt;50, Deduct</i>	-1,073.87	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,047.55	
23 63 13 00-0010	EA		40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	20,483.93	1,138.03
			<i>For Winter Start Control, Add</i>	362.80	
			<i>For &gt;10 To 25, Deduct</i>	-561.87	
			<i>For &gt;25 To 50, Deduct</i>	-936.44	
			<i>For &gt;50, Deduct</i>	-1,498.31	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,375.21	
23 63 13 00-0011	EA		50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	24,866.38	1,430.67
			<i>For Winter Start Control, Add</i>	333.94	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,458.00	
			<i>For &gt;10 To 25, Deduct</i>	-679.80	
			<i>For &gt;25 To 50, Deduct</i>	-1,133.00	
			<i>For &gt;50, Deduct</i>	-1,812.80	
23 63 13 00-0012	EA		60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	28,665.43	1,579.02
			<i>For Winter Start Control, Add</i>	368.56	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,644.50	
			<i>For &gt;10 To 25, Deduct</i>	-788.84	
			<i>For &gt;25 To 50, Deduct</i>	-1,314.73	
			<i>For &gt;50, Deduct</i>	-2,103.56	
23 63 13 00-0013	EA		80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	37,180.22	1,726.70
			<i>For Winter Start Control, Add</i>	438.87	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,046.41	
			<i>For &gt;10 To 25, Deduct</i>	-1,035.52	
			<i>For &gt;25 To 50, Deduct</i>	-1,725.87	
			<i>For &gt;50, Deduct</i>	-2,761.39	
23 63 13 00-0014	EA		100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	51,361.33	1,554.70
			<i>For Winter Start Control, Add</i>	557.47	
			<i>For &gt;10 To 25, Deduct</i>	-1,445.89	
			<i>For &gt;25 To 50, Deduct</i>	-2,409.82	
			<i>For &gt;50, Deduct</i>	-3,855.71	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,237.12	
23 63 13 00-0015	EA		120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	63,357.93	1,607.40
			<i>For &gt;10 To 25, Deduct</i>	-1,802.57	
			<i>For &gt;25 To 50, Deduct</i>	-3,004.29	
			<i>For &gt;50, Deduct</i>	-4,806.86	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,620.62	
23 63 13 00-0016			<b>Air Cooled Condensing Units</b> <small>(23 63 13)</small>		
			Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 13 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.		
23 63 13 00-0017	EA		1.5 Ton, 13 SEER, Air Cooled Condensing Unit	1,491.22	204.93
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			<i>For &gt;10 To 25, Deduct</i>	-35.51	
			<i>For 14 SEER, Add</i>	248.60	
			<i>For 15 SEER, Add</i>	284.12	
			<i>For 16 SEER, Add</i>	485.37	
			<i>For 18 SEER, Add</i>	1,053.60	
			<i>For &gt;25 To 50, Deduct</i>	-59.19	
			<i>For &gt;50, Deduct</i>	-94.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0018 EA 2 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,600.79	227.81
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-37.78	
For 14 SEER, Add	264.44	
For 15 SEER, Add	302.22	
For 16 SEER, Add	516.29	
For 18 SEER, Add	1,120.72	
For >25 To 50, Deduct	-62.96	
For >50, Deduct	-100.74	
23 63 13 00-0019 EA 2.5 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,695.03	250.59
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-39.58	
For 14 SEER, Add	277.06	
For 15 SEER, Add	316.64	
For 16 SEER, Add	540.93	
For 18 SEER, Add	1,174.20	
For >25 To 50, Deduct	-65.97	
For >50, Deduct	-105.55	
23 63 13 00-0020 EA 3 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,952.91	273.24
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-46.29	
For 14 SEER, Add	324.04	
For 15 SEER, Add	370.33	
For 16 SEER, Add	632.65	
For 18 SEER, Add	1,373.31	
For >25 To 50, Deduct	-77.15	
For >50, Deduct	-123.44	
23 63 13 00-0021 EA 3.5 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,065.06	296.16
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-48.63	
For 14 SEER, Add	340.42	
For 15 SEER, Add	389.05	
For 16 SEER, Add	664.63	
For 18 SEER, Add	1,442.73	
For >25 To 50, Deduct	-81.05	
For >50, Deduct	-129.68	
23 63 13 00-0022 EA 4 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,306.31	318.94
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-54.84	
For 14 SEER, Add	383.91	
For 15 SEER, Add	438.75	
For 16 SEER, Add	749.54	
For 18 SEER, Add	1,627.04	
For >25 To 50, Deduct	-91.41	
For >50, Deduct	-146.25	
23 63 13 00-0023 EA 5 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,610.80	341.55
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-62.95	
For 14 SEER, Add	440.68	
For 15 SEER, Add	503.63	
For 16 SEER, Add	860.37	
For 18 SEER, Add	1,867.64	
For >25 To 50, Deduct	-104.92	
For >50, Deduct	-167.88	

**23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit (23 63 13)**

Note: Includes storage and cleaning.		
23 63 13 00-0025 EA Remove And Reinstall Air Cooled Condensing Unit Up To 5 Tons.....	209.74	
23 63 13 00-0026 EA Remove And Reinstall Air Cooled Condensing Unit 7.5 To 15 Tons .....	786.54	
23 63 13 00-0027 EA Remove And Reinstall Air Cooled Condensing Unit 20 To 40 Tons .....	1,348.64	

**23 64 Packaged Water Chillers (23 64)**

**23 64 13 Absorption Water Chillers (23 64)**

**23 64 13 16 Indirect-Fired Absorption Water Chillers (23 64 13)**

**23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers (23 64 13 16)**

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002 EA 50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller .....	88,334.22	3,840.88
For Two Stage Unit, Add	59,387.51	
23 64 13 16-0003 EA 100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller .....	112,344.40	4,580.14
For Two Stage Unit, Add	75,698.19	
23 64 13 16-0004 EA 150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller .....	142,980.00	4,702.25
For Two Stage Unit, Add	97,064.63	
23 64 13 16-0005 EA 200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller .....	158,654.24	4,791.69
For Two Stage Unit, Add	107,979.13	
23 64 13 16-0006 EA 250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller .....	177,690.97	4,911.80
For Two Stage Unit, Add	121,227.66	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0007 EA 300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	200,934.63 137,312.02	5,201.60
23 64 13 16-0008 EA 350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	215,631.78 147,519.25	5,327.30
23 64 13 16-0009 EA 400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	257,396.47 176,614.60	5,545.08
23 64 13 16-0010 EA 500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	288,717.04 198,435.22	5,706.61
23 64 13 16-0011 EA 650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	354,606.50 243,050.97	8,051.82
23 64 13 16-0012 EA 750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	385,729.61 263,984.07	9,379.52
23 64 13 16-0013 EA 850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	413,318.90 283,028.72	9,796.34
23 64 13 16-0014 EA 950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	442,294.37 303,317.52	9,892.56
23 64 13 16-0015 EA 1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	507,032.20 348,416.08	10,235.40
23 64 13 16-0016 EA 1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	555,157.23 381,904.42	10,548.73
23 64 13 16-0017 EA 1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	652,241.72 448,303.14	13,003.44
23 64 13 16-0018 EA 1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller ..... <i>For Two Stage Unit, Add</i>	763,293.02 525,601.11	13,692.39

**23 64 16 Centrifugal Water Chillers (23 64)****23 64 16 13 Air-Cooled Centrifugal Water Chillers (23 64 16)****23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers (23 64 16 13)**

Note: SMARTD air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002 EA 85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	119,562.68 3,312.60	3,488.01
23 64 16 13-0003 EA 175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	169,666.51 6,625.20	4,676.51
23 64 16 13-0004 EA 240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	212,077.37 9,937.80	4,945.79

**23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)****23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers (23 64 16 16)**

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002 EA 180 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	105,849.21 4,003.21	3,591.34
23 64 16 16-0003 EA 200 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	115,807.88 4,395.64	3,682.29
23 64 16 16-0004 EA 225 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	127,851.88 4,871.46	3,775.89
23 64 16 16-0005 EA 250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	139,581.56 5,330.92	3,927.27
23 64 16 16-0006 EA 275 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	151,015.36 5,774.02	4,149.02
23 64 16 16-0007 EA 300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	162,030.37 6,200.77	4,364.75
23 64 16 16-0008 EA 325 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	172,673.17 6,611.10	4,604.06
23 64 16 16-0009 EA 350 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	182,888.50 7,005.13	4,831.11
23 64 16 16-0010 EA 375 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	192,661.51 7,382.74	5,038.12
23 64 16 16-0011 EA 400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	201,955.55 7,744.00	5,201.60
23 64 16 16-0012 EA 425 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	210,991.90 8,088.90	5,459.30



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central Cooling Equipment</b>	<b>23 60</b>
<b>Packaged Water Chillers</b>	<b>23 64</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0013 EA 450 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	219,543.76  8,417.44	5,669.91
23 64 16 16-0014 EA 475 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	227,682.21  8,729.62	5,877.82
23 64 16 16-0015 EA 500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	235,336.40  9,025.44	6,038.83
23 64 16 16-0016 EA 550 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	249,243.29  9,567.95	6,252.97
23 64 16 16-0017 EA 600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	261,388.61  10,045.03	6,388.93
23 64 16 16-0018 EA 650 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	272,185.74  10,456.63	6,704.73
23 64 16 16-0019 EA 700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	281,354.56  10,802.78	7,025.31
23 64 16 16-0020 EA 750 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	288,941.59  11,083.60	7,377.99
23 64 16 16-0021 EA 800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	306,950.69  11,781.09	7,733.95
23 64 16 16-0022 EA 850 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	324,832.04  12,473.55	8,088.76
23 64 16 16-0023 EA 900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	342,639.93  13,160.88	8,477.64
23 64 16 16-0024 EA 950 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	360,381.44  13,843.03	8,905.79
23 64 16 16-0025 EA 1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	377,603.39  14,520.00	9,189.10
23 64 16 16-0026 EA 1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	409,406.74  15,702.27	10,602.84
23 64 16 16-0027 EA 1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	439,992.09  16,835.55	12,020.62
23 64 16 16-0028 EA 1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	468,922.46  17,919.76	13,169.09
23 64 16 16-0029 EA 1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	495,924.40  18,954.89	13,876.21
23 64 16 16-0030 EA 1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	521,659.17  19,940.80	14,560.21
23 64 16 16-0031 EA 1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	545,762.74  20,878.11	14,982.27
23 64 16 16-0032 EA 1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	569,626.18  21,766.21	16,027.52
23 64 16 16-0033 EA 1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	591,844.02  22,605.22	16,809.35
23 64 16 16-0034 EA 1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	613,204.46  23,395.16	17,823.71
23 64 16 16-0035 EA 2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	632,739.97  24,136.11	18,460.28
23 64 16 16-0036 EA 2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	674,218.56  25,773.92	19,505.22
23 64 16 16-0037 EA 2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	710,487.88  27,105.21	20,675.51
<b>23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers <small>(23 64 16 16)</small></b> Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039 EA 60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	75,377.52 3,091.76 3,312.60	3,021.36

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 64 Packaged Water Chillers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0040	EA		130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	94,879.59 3,091.76 3,312.60	3,511.71
23 64 16 16-0041	EA		125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	118,774.94 3,091.76 6,625.20	3,591.34
23 64 16 16-0042	EA		240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	154,617.64 3,091.76 6,625.20	4,149.02
23 64 16 16-0043	EA		210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	155,781.88 9,937.80 3,091.76	3,927.27
23 64 16 16-0044	EA		355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	233,634.43 9,937.80 3,091.76	5,201.60
23 64 16 16-0045	EA		299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	207,015.46 12,146.20 4,306.38	4,831.11
23 64 16 16-0046	EA		540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	287,581.80 12,146.20 4,306.38	6,252.97
23 64 16 16-0047	EA		425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	257,593.18 4,306.38 14,354.60	5,459.30
23 64 16 16-0048	EA		650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller ..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	344,697.83 4,306.38 14,354.60	6,704.73
23 64 16 16-0049	EA		510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	306,668.40 4,527.22 16,563.00	6,038.83
23 64 16 16-0050	EA		800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	395,117.02 4,527.22 16,563.00	7,733.95

**23 64 19 Reciprocating Water Chillers (23 64)**

**23 64 19 00-0001 Packaged Water Cooled Reciprocating Water Chillers (23 64 19)**

Note: With reciprocation compressor integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 19 00-0002	EA		15 Ton Packaged Water Cooled Reciprocating Water Chiller .....	16,678.45	1,006.65
23 64 19 00-0003	EA		20 Ton Packaged Water Cooled Reciprocating Water Chiller .....	19,617.25	1,187.57
23 64 19 00-0004	EA		25 Ton Packaged Water Cooled Reciprocating Water Chiller .....	22,006.98	1,223.45
23 64 19 00-0005	EA		30 Ton Packaged Water Cooled Reciprocating Water Chiller .....	24,507.87	1,343.09
23 64 19 00-0006	EA		40 Ton Packaged Water Cooled Reciprocating Water Chiller .....	29,648.18	1,675.49
23 64 19 00-0007	EA		50 Ton Packaged Water Cooled Reciprocating Water Chiller .....	33,622.86	1,836.16
23 64 19 00-0008	EA		60 Ton Packaged Water Cooled Reciprocating Water Chiller .....	34,793.53	2,028.73

**23 64 23 Scroll Water Chillers (23 64)**

**23 64 23 00-0001 Packaged Air Cooled Scroll Water Chillers (23 64 23)**

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel.

23 64 23 00-0002	EA		10 Ton Packaged Air Cooled Scroll Water Chiller.....	14,828.78	1,013.25
23 64 23 00-0003	EA		15 Ton Packaged Air Cooled Scroll Water Chiller.....	21,681.33	1,026.24
23 64 23 00-0004	EA		18 Ton Packaged Air Cooled Scroll Water Chiller.....	23,659.38	1,097.69
23 64 23 00-0005	EA		22 Ton Packaged Air Cooled Scroll Water Chiller.....	26,024.37	1,175.62
23 64 23 00-0006	EA		25 Ton Packaged Air Cooled Scroll Water Chiller.....	26,456.89	1,253.57
23 64 23 00-0007	EA		30 Ton Packaged Air Cooled Scroll Water Chiller.....	27,920.53	1,344.50
23 64 23 00-0008	EA		40 Ton Packaged Air Cooled Scroll Water Chiller.....	31,913.29	1,454.92
23 64 23 00-0009	EA		45 Ton Packaged Air Cooled Scroll Water Chiller.....	34,274.28	1,578.32
23 64 23 00-0010	EA		50 Ton Packaged Air Cooled Scroll Water Chiller.....	36,187.21	1,623.79
23 64 23 00-0011	EA		55 Ton Packaged Air Cooled Scroll Water Chiller.....	37,794.97	1,695.24
23 64 23 00-0012	EA		60 Ton Packaged Air Cooled Scroll Water Chiller.....	39,064.62	1,753.69
23 64 23 00-0013	EA		70 Ton Packaged Air Cooled Scroll Water Chiller.....	45,061.81	1,974.53
23 64 23 00-0014	EA		80 Ton Packaged Air Cooled Scroll Water Chiller.....	48,510.85	2,162.89
23 64 23 00-0015	EA		90 Ton Packaged Air Cooled Scroll Water Chiller.....	49,389.50	2,169.38
23 64 23 00-0016	EA		100 Ton Packaged Air Cooled Scroll Water Chiller.....	52,240.57	2,175.89
23 64 23 00-0017	EA		110 Ton Packaged Air Cooled Scroll Water Chiller.....	55,015.71	2,182.38
23 64 23 00-0018	EA		120 Ton Packaged Air Cooled Scroll Water Chiller.....	57,825.36	2,188.87
23 64 23 00-0019	EA		130 Ton Packaged Air Cooled Scroll Water Chiller.....	60,779.85	2,195.37
23 64 23 00-0020	EA		150 Ton Packaged Air Cooled Scroll Water Chiller..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	68,277.55 4,846.07 5,037.00	2,195.37



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Central Cooling Equipment	<b>23 60</b>
Packaged Water Chillers	<b>23 64</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 00-0021 EA 160 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	71,768.12 5,106.89 5,037.00	2,201.86
23 64 23 00-0022 EA 170 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	75,476.12 5,384.50 5,037.00	2,208.35
23 64 23 00-0023 EA 190 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	83,600.32 5,993.33 5,037.00	2,214.86
23 64 23 00-0024 EA 210 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	90,935.56 6,542.50 5,037.00	2,221.35
23 64 23 00-0025 EA 225 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	95,227.58 6,863.91 5,037.00	2,227.85
23 64 23 00-0026 EA 250 Ton Packaged Air Cooled Scroll Water Chiller ..... <i>For Compressor Sound Reduction Enclosure, Add</i> <i>For BACnet Communication Gateway, Add</i>	102,383.10 7,399.60 5,037.00	2,234.34

**23 64 23 00-0027**

**Packaged Water Cooled Scroll Water Chillers (23 64 23)**

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 00-0028 EA 20 Ton Packaged Water Cooled Scroll Water Chiller .....	32,848.00	1,187.57
23 64 23 00-0029 EA 25 Ton Packaged Water Cooled Scroll Water Chiller .....	37,971.84	1,223.45
23 64 23 00-0030 EA 30 Ton Packaged Water Cooled Scroll Water Chiller .....	42,142.65	1,343.09
23 64 23 00-0031 EA 40 Ton Packaged Water Cooled Scroll Water Chiller .....	51,702.22	1,675.49
23 64 23 00-0032 EA 50 Ton Packaged Water Cooled Scroll Water Chiller .....	57,218.11	1,836.16
23 64 23 00-0033 EA 60 Ton Packaged Water Cooled Scroll Water Chiller .....	59,998.65	2,028.73

**23 64 26**

**Rotary-Screw Water Chillers (23 64)**

**23 64 26 00-0001**

**Packaged Air Cooled Rotary-Screw Water Chillers (23 64 26)**

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel.

23 64 26 00-0002 EA 70 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	87,654.93 -1,258.90 3,357.07	2,487.65
23 64 26 00-0003 EA 80 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	94,187.64 -1,352.12 3,605.65	2,701.99
23 64 26 00-0004 EA 90 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	99,091.34 -1,422.94 3,794.52	2,818.90
23 64 26 00-0005 EA 100 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	102,676.30 -1,471.95 3,925.19	3,033.25
23 64 26 00-0006 EA 110 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	110,247.83 -1,582.21 4,219.21	3,182.63
23 64 26 00-0007 EA 120 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	117,250.52 -1,685.69 4,495.17	3,247.59
23 64 26 00-0008 EA 130 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	123,822.31 -1,781.83 4,751.54	3,358.00
23 64 26 00-0009 EA 140 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	127,806.28 -1,839.93 4,906.48	3,429.45
23 64 26 00-0010 EA 160 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	135,040.78 -1,946.79 5,191.45	3,500.90
23 64 26 00-0011 EA 170 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	140,990.87 -2,033.61 5,422.96	3,611.32
23 64 26 00-0012 EA 180 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	148,713.43 -2,146.23 5,723.28	3,754.21
23 64 26 00-0013 EA 200 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	155,518.61 -2,246.65 5,991.08	3,832.15
23 64 26 00-0014 EA 215 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	166,855.81 -2,415.15 6,440.41	3,897.10
23 64 26 00-0015 EA 225 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	174,396.61 -2,527.48 6,739.96	3,936.07

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 00-0016	EA		240 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	181,937.41 -2,639.82 7,039.51	3,968.55
23 64 26 00-0017	EA		260 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	204,520.86 -2,976.82 7,938.17	4,046.49
23 64 26 00-0018	EA		280 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	215,864.54 -3,145.31 8,387.51	4,124.43
23 64 26 00-0019	EA		300 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	230,946.16 -3,369.98 8,986.61	4,189.39
23 64 26 00-0020	EA		325 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	253,516.61 -3,706.98 9,885.27	4,260.83
<b>23 64 26 00-0021</b>			<b>Packaged Water Cooled Helical Rotary Water Chillers</b> <small>(23 64 26)</small> Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.		
23 64 26 00-0022	EA		70 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	63,826.38	2,832.54
23 64 26 00-0023	EA		80 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	69,449.88	2,942.68
23 64 26 00-0024	EA		90 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	74,322.64	3,021.36
23 64 26 00-0025	EA		100 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	78,506.24	3,148.83
23 64 26 00-0026	EA		110 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	82,707.12	3,235.38
23 64 26 00-0027	EA		125 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	87,833.57	3,326.21
23 64 26 00-0028	EA		130 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	90,083.85	3,419.18
23 64 26 00-0029	EA		150 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	97,741.29	3,511.71
23 64 26 00-0030	EA		175 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	105,188.05	3,598.64
23 64 26 00-0031	EA		190 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	108,736.74	3,778.60
23 64 26 00-0032	EA		200 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	110,732.85	3,960.82
23 64 26 00-0033	EA		210 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	112,214.03	4,045.61
23 64 26 00-0034	EA		235 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	122,126.55	4,134.11
23 64 26 00-0035	EA		255 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	129,796.51	4,323.32
23 64 26 00-0036	EA		275 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	137,055.54	4,498.31
23 64 26 00-0037	EA		300 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	145,521.87	4,676.51
23 64 26 00-0038	EA		350 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	159,743.43	5,091.00
23 64 26 00-0039	EA		400 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	171,300.76	5,599.60
23 64 26 00-0040	EA		450 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	180,204.24	6,159.81
<b>23 65 Cooling Towers</b> <small>(23 60)</small>					
<b>23 65 00 00-0001</b>			<b>Induced Draft Axial Single Flow Propeller Type Cooling Towers</b> <small>(23 65)</small> Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.		
23 65 00 00-0002	EA		10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	5,506.53	727.46
23 65 00 00-0003	EA		20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	6,521.62	785.92
23 65 00 00-0004	EA		30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	7,794.03	883.35
23 65 00 00-0005	EA		40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	8,649.21	974.28
23 65 00 00-0006	EA		50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	10,242.64	1,078.20
23 65 00 00-0007	EA		60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	11,910.98	1,162.64
23 65 00 00-0008	EA		75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	13,673.86	1,318.52
23 65 00 00-0009	EA		100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	17,038.60	1,656.27
23 65 00 00-0010	EA		125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	18,582.56	1,851.12
23 65 00 00-0011	EA		150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	28,325.07	2,084.95
23 65 00 00-0012	EA		200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	34,281.14	2,604.56
23 65 00 00-0013	EA		300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	44,418.36	4,273.83
<b>23 65 00 00-0014</b>			<b>Induced Draft Double Flow Propeller Type Packaged Cooling Towers</b> <small>(23 65)</small> Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 00 00-0015	EA		100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	17,038.60	1,656.27
23 65 00 00-0016	EA		150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	22,690.08	2,084.95
23 65 00 00-0017	EA		200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	28,826.73	2,604.56
23 65 00 00-0018	EA		250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	34,217.67	3,260.58
23 65 00 00-0019	EA		300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	40,693.61	4,273.83
23 65 00 00-0020	EA		350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	45,361.61	4,812.93
23 65 00 00-0021	EA		400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	50,582.59	5,280.57
23 65 00 00-0022	EA		450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	57,317.09	5,852.15
23 65 00 00-0023	EA		500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	64,619.23	6,345.78
23 65 00 00-0024	EA		550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	69,197.62	6,690.02
23 65 00 00-0025	EA		600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	74,144.69	6,871.90
23 65 00 00-0026	EA		700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	84,050.40	7,105.72
23 65 00 00-0027	EA		800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	92,185.76	7,833.18
23 65 00 00-0028	EA		900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	101,843.03	8,625.59





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0029 Induced Draft Crossflow Film Filled Propeller Type Cooling Towers <sup>(23 65)</sup> Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 00 00-0030 EA 10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	4,687.54	727.46
<i>For Polymer Coating Over Galvanized Components, Add</i>	539.45	
23 65 00 00-0031 EA 15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	5,055.54	740.45
<i>For Polymer Coating Over Galvanized Components, Add</i>	592.70	
23 65 00 00-0032 EA 20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	5,499.03	805.40
<i>For Polymer Coating Over Galvanized Components, Add</i>	643.64	
23 65 00 00-0033 EA 25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	6,421.85	844.37
<i>For Polymer Coating Over Galvanized Components, Add</i>	773.29	
23 65 00 00-0034 EA 30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	7,267.50	883.35
<i>For Polymer Coating Over Galvanized Components, Add</i>	891.37	
23 65 00 00-0035 EA 35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	8,095.25	928.81
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,004.82	
23 65 00 00-0036 EA 40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	8,854.78	974.28
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,109.00	
23 65 00 00-0037 EA 45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	9,697.98	1,026.24
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,224.77	
23 65 00 00-0038 EA 50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	10,523.30	1,078.20
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,335.90	
23 65 00 00-0039 EA 60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	12,143.90	1,162.64
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,560.48	
23 65 00 00-0040 EA 70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	13,900.97	1,253.57
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,803.58	
23 65 00 00-0041 EA 75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	14,717.35	1,318.52
<i>For Polymer Coating Over Galvanized Components, Add</i>	1,912.40	
23 65 00 00-0042 EA 80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	15,611.67	1,428.94
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,021.21	
23 65 00 00-0043 EA 90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	16,274.47	1,539.35
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,095.30	
23 65 00 00-0044 EA 100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	17,511.50	1,656.27
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,227.27	
23 65 00 00-0045 EA 125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	18,240.01	1,851.12
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,289.78	
23 65 00 00-0046 EA 150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	21,178.93	2,084.95
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,674.11	
23 65 00 00-0047 EA 175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	23,402.97	2,338.26
<i>For Polymer Coating Over Galvanized Components, Add</i>	2,947.31	
23 65 00 00-0048 EA 200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	24,649.70	2,604.56
<i>For Polymer Coating Over Galvanized Components, Add</i>	3,070.02	
23 65 00 00-0049 EA 225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	28,485.39	2,935.82
<i>For Polymer Coating Over Galvanized Components, Add</i>	3,565.49	
23 65 00 00-0050 EA 250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	31,234.14	3,260.58
<i>For Polymer Coating Over Galvanized Components, Add</i>	3,898.88	
23 65 00 00-0051 EA 275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	33,439.18	3,858.13
<i>For Polymer Coating Over Galvanized Components, Add</i>	4,086.42	
23 65 00 00-0052 EA 300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	36,090.36	4,273.83
<i>For Polymer Coating Over Galvanized Components, Add</i>	4,382.77	
23 65 00 00-0053 EA 350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	41,245.13	4,812.93
<i>For Polymer Coating Over Galvanized Components, Add</i>	5,026.41	
23 65 00 00-0054 EA 400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	45,464.96	5,280.57
<i>For Polymer Coating Over Galvanized Components, Add</i>	5,547.34	
23 65 00 00-0055 EA 450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	50,254.95	5,852.15
<i>For Polymer Coating Over Galvanized Components, Add</i>	6,128.47	
23 65 00 00-0056 EA 500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	54,758.26	6,345.78
<i>For Polymer Coating Over Galvanized Components, Add</i>	6,684.13	
23 65 00 00-0057 EA 600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	62,548.39	6,871.90
<i>For Polymer Coating Over Galvanized Components, Add</i>	7,725.99	
23 65 00 00-0058 EA 700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	70,076.54	7,105.72
<i>For Polymer Coating Over Galvanized Components, Add</i>	8,839.62	
23 65 00 00-0059 EA 800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	78,319.80	7,833.18
<i>For Polymer Coating Over Galvanized Components, Add</i>	9,904.64	
23 65 00 00-0060 EA 900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	86,327.40	8,625.59
<i>For Polymer Coating Over Galvanized Components, Add</i>	10,918.72	
23 65 00 00-0061 EA 1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	94,186.24	9,534.91
<i>For Polymer Coating Over Galvanized Components, Add</i>	11,884.18	
23 65 00 00-0062 EA 1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	103,041.44	9,996.08
<i>For Polymer Coating Over Galvanized Components, Add</i>	13,104.32	
23 65 00 00-0063 EA 1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	111,579.86	10,424.75
<i>For Polymer Coating Over Galvanized Components, Add</i>	14,282.78	
23 65 00 00-0064 EA 1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	118,709.19	11,321.08
<i>For Polymer Coating Over Galvanized Components, Add</i>	15,141.74	
23 65 00 00-0065 EA 1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	125,618.33	12,282.36
<i>For Polymer Coating Over Galvanized Components, Add</i>	15,952.07	
23 65 00 00-0066 EA 1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	132,287.76	13,295.61
<i>For Polymer Coating Over Galvanized Components, Add</i>	16,713.79	
23 65 00 00-0067 EA 1,600 Ton Induced Draft Cooling Tower.....	138,439.82	14,211.44
<i>For Polymer Coating Over Galvanized Components, Add</i>	17,422.26	
23 65 00 00-0068 EA 1,700 Ton Induced Draft Cooling Tower.....	144,466.63	15,257.16
<i>For Polymer Coating Over Galvanized Components, Add</i>	18,079.79	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 65 Cooling Towers**



**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0069 EA 1,800 Ton Induced Draft Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i>	150,429.10 18,688.70	16,465.27
23 65 00 00-0070 EA 1,900 Ton Induced Draft Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i>	156,030.10 19,244.36	17,673.36
23 65 00 00-0071 EA 2,000 Ton Induced Draft Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i>	161,995.46 19,751.40	19,323.14
<b>23 65 00 00-0072 Draw-Thru Fiberglass Packaged Propeller Type Cooling Towers <sup>(23 65)</sup></b> Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.		
23 65 00 00-0073 EA 5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	1,978.51	402.70
23 65 00 00-0074 EA 8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	2,207.89	500.13
23 65 00 00-0075 EA 10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	2,665.46	565.08
23 65 00 00-0076 EA 15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	3,088.86	617.04
23 65 00 00-0077 EA 20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	4,034.10	669.00
23 65 00 00-0078 EA 25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	4,315.28	733.95
23 65 00 00-0079 EA 30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	4,926.35	954.79
23 65 00 00-0080 EA 40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	5,648.52	870.35
23 65 00 00-0081 EA 50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	6,364.38	1,000.25
23 65 00 00-0082 EA 60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	7,193.04	1,117.17
23 65 00 00-0083 EA 70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	8,323.91	1,234.09
23 65 00 00-0084 EA 80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	9,498.35	1,565.34
23 65 00 00-0085 EA 100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	11,219.95	1,766.68
23 65 00 00-0086 EA 125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	13,779.62	1,961.54
23 65 00 00-0087 EA 150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	15,229.11	2,058.97
23 65 00 00-0088 EA 175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	18,193.55	2,149.90
23 65 00 00-0089 EA 200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	20,053.78	2,247.33
23 65 00 00-0090 EA 225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	21,856.06	2,344.75
23 65 00 00-0091 EA 250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	23,719.53	2,533.12
23 65 00 00-0092 EA 300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	27,573.83	2,825.40
23 65 00 00-0093 EA 350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	31,251.72	3,124.18
23 65 00 00-0094 EA 400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	35,213.52	3,702.25
23 65 00 00-0095 EA 500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	42,569.30	4,299.80
23 65 00 00-0096 EA 600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	48,739.86	4,663.53
23 65 00 00-0097 EA 700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	54,846.66	5,280.57
23 65 00 00-0098 EA 800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	60,432.47	5,904.11
23 65 00 00-0099 EA 1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower .....	71,618.11	6,527.65
<b>23 65 00 00-0100 Stainless Steel Packaged Propeller Type Cooling Towers <sup>(23 65)</sup></b> Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
<b>23 65 00 00-0101 Draw-Thru Stainless Steel Propeller Type Cooling Towers <sup>(23 65 00 00-0100)</sup></b> Note: Excludes crane and associated personnel.		
23 65 00 00-0102 EA 50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	12,982.22	1,078.20
23 65 00 00-0103 EA 75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	18,314.00	1,318.52
23 65 00 00-0104 EA 100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	21,727.51	1,656.27
23 65 00 00-0105 EA 125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	24,612.57	1,851.12
23 65 00 00-0106 EA 150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	27,036.89	2,084.95
23 65 00 00-0107 EA 200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	32,489.17	2,604.56
23 65 00 00-0108 EA 250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	38,369.19	3,260.58
23 65 00 00-0109 EA 300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	45,758.91	4,273.83
23 65 00 00-0110 EA 350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	50,183.56	4,812.93
23 65 00 00-0111 EA 400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	56,775.61	5,280.57
23 65 00 00-0112 EA 500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	65,966.26	6,345.78
23 65 00 00-0113 EA 600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	74,273.48	6,871.90
23 65 00 00-0114 EA 750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	91,315.81	7,469.45
23 65 00 00-0115 EA 1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	115,995.20	9,430.99
<b>23 65 00 00-0116 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers <sup>(23 65 00 00-0100)</sup></b> Note: Excludes crane and associated personnel.		
23 65 00 00-0117 EA 100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	30,400.05 1,386.85	1,656.27
23 65 00 00-0118 EA 125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	34,438.16 1,573.17	1,838.13
23 65 00 00-0119 EA 150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	37,678.61 1,716.36	2,084.95
23 65 00 00-0120 EA 200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	42,075.14 1,894.61	2,604.56
23 65 00 00-0121 EA 250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	47,866.57 2,131.25	3,260.58
23 65 00 00-0122 EA 300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	55,310.03 2,421.91	4,273.83
23 65 00 00-0123 EA 350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	60,362.03 2,631.31	4,812.93
23 65 00 00-0124 EA 400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	65,297.12 2,840.72	5,280.57



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central Cooling Equipment		23 60
Cooling Towers		23 65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0125 EA 500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	75,534.80 3,266.87	6,345.78
23 65 00 00-0126 EA 600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	85,121.29 3,703.98	6,871.90
23 65 00 00-0127 EA 750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	104,865.22 4,626.22	7,469.45
23 65 00 00-0128 EA 1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	135,674.98 6,035.83	9,534.91
<b>23 65 00 00-0129 Belt Driven Stainless Steel Propeller Type Cooling Towers (23 65 00 00-0100)</b> Note: Excludes crane and associated personnel.		
23 65 00 00-0130 EA 100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower .....	22,585.76	1,656.27
23 65 00 00-0131 EA 125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower .....	24,478.97	1,851.12
23 65 00 00-0132 EA 150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower .....	26,438.59	2,084.95
23 65 00 00-0133 EA 200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower .....	31,357.91	2,604.56
23 65 00 00-0134 EA 250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower .....	34,827.27	3,260.58
<b>23 65 00 00-0135 Blow-Thru Centrifugal Fan Type Cooling Towers (23 65)</b> Note: Including 2-speed motor internal piping, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.		
23 65 00 00-0136 EA 50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	10,756.06 5,483.26	1,078.20
23 65 00 00-0137 EA 75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	14,803.37 7,701.20	1,318.52
23 65 00 00-0138 EA 100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	18,578.84 9,549.49	1,656.27
23 65 00 00-0139 EA 125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	21,418.55 11,066.26	1,851.12
23 65 00 00-0140 EA 150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	24,474.80 12,673.97	2,084.95
23 65 00 00-0141 EA 175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	27,517.91 14,258.22	2,338.26
23 65 00 00-0142 EA 200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	30,880.38 16,018.49	2,604.56
23 65 00 00-0143 EA 225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	33,760.02 17,426.72	2,935.82
23 65 00 00-0144 EA 250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	36,789.63 18,928.82	3,260.58
23 65 00 00-0145 EA 275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	40,326.16 20,477.86	3,858.13
23 65 00 00-0146 EA 300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	43,837.66 22,179.46	4,273.83
23 65 00 00-0147 EA 325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	46,196.22 23,352.97	4,546.62
23 65 00 00-0148 EA 350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	48,955.51 24,731.86	4,812.93
23 65 00 00-0149 EA 375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	51,630.36 26,110.73	5,046.75
23 65 00 00-0150 EA 400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	54,689.90 27,724.32	5,280.57
23 65 00 00-0151 EA 425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	57,938.15 29,396.58	5,566.36
23 65 00 00-0152 EA 450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	61,619.98 31,332.88	5,852.15
23 65 00 00-0153 EA 475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	65,194.46 33,239.84	6,098.96
23 65 00 00-0154 EA 500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	68,775.44 35,146.81	6,345.78
23 65 00 00-0155 EA 550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	75,554.16 38,960.74	6,612.09
23 65 00 00-0156 EA 600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	82,919.66 43,126.72	6,871.90
23 65 00 00-0157 EA 650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	85,905.41 44,887.00	7,014.79
23 65 00 00-0158 EA 700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	89,477.92 46,999.33	7,105.72
23 65 00 00-0159 EA 750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	93,667.84 49,170.33	7,469.45
23 65 00 00-0160 EA 800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	98,542.31 51,752.06	7,833.18
23 65 00 00-0161 EA 850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	103,468.74 54,333.80	8,229.38
23 65 00 00-0162 EA 900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	109,177.51 57,384.94	8,625.59
23 65 00 00-0163 EA 950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	115,075.01 60,494.76	9,080.25
23 65 00 00-0164 EA 1,000 Ton Centrifugal Type Cooling Tower .....	121,748.35 64,073.98	9,534.91
<b>23 65 00 00-0165 Fiberglass Cooling Tower Sump Basins (23 65)</b>		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 65 Cooling Towers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
Note: Includes 1 inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel.					
23 65 00 00-0166	EA		30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	730.18	
			<i>For Perforated Basins, Add</i>	80.00	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
23 65 00 00-0167	EA		30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	827.04	
			<i>For Perforated Basins, Add</i>	80.00	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
23 65 00 00-0168	EA		36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	809.06	
			<i>For Perforated Basins, Add</i>	80.00	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
23 65 00 00-0169	EA		36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	949.99	
			<i>For Perforated Basins, Add</i>	80.00	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
23 65 00 00-0170	EA		42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,032.35	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0171	EA		42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,145.15	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0172	EA		42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,257.95	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0173	EA		48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,267.54	
			<i>For Perforated Basins, Add</i>	140.00	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
23 65 00 00-0174	EA		48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,399.19	
			<i>For Perforated Basins, Add</i>	140.00	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
23 65 00 00-0175	EA		48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,597.25	
			<i>For Perforated Basins, Add</i>	140.00	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
23 65 00 00-0176	EA		48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,796.75	
			<i>For Perforated Basins, Add</i>	140.00	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
23 65 00 00-0177	EA		48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,925.50	
			<i>For Perforated Basins, Add</i>	140.00	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	

**23 70 Central HVAC Equipment** <sup>(23)</sup>

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

**23 71 Thermal Storage** <sup>(23 70)</sup>

**23 71 13 Thermal Heat Storage** <sup>(23 71)</sup>

**23 71 13 23 Pressurized-Water Thermal Storage Tanks** <sup>(23 71 13)</sup>

**23 71 13 23-0001 Nickelshield Storage Tanks** <sup>(23 71 13 23)</sup>

23 71 13 23-0002	EA		325 Gallon Nickelshield Storage Tank.....	15,384.53	114.05
23 71 13 23-0003	EA		490 Gallon Nickelshield Storage Tank.....	21,468.96	151.21
23 71 13 23-0004	EA		605 Gallon Nickelshield Storage Tank.....	24,578.88	182.89
23 71 13 23-0005	EA		740 Gallon Nickelshield Storage Tank.....	29,101.84	228.61
23 71 13 23-0006	EA		940 Gallon Nickelshield Storage Tank.....	33,858.34	303.89
23 71 13 23-0007	EA		1,505 Gallon Nickelshield Storage Tank.....	43,746.82	457.27
23 71 13 23-0008	EA		1,615 Gallon Nickelshield Storage Tank.....	49,401.47	515.04
23 71 13 23-0009	EA		2,275 Gallon Nickelshield Storage Tank.....	67,841.40	684.11
23 71 13 23-0010	EA		3,815 Gallon Nickelshield Storage Tank.....	87,780.85	795.30

**23 72 Air-To-Air Energy Recovery Equipment** <sup>(23 70)</sup>

**23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment** <sup>(23 72)</sup>

**23 72 13 00-0001 Enthalpy Recovery Wheel** <sup>(23 72 13)</sup>

23 72 13 00-0002	EA		Up To 1,000 CFM Enthalpy Recovery Wheel.....	5,402.94	464.67
23 72 13 00-0003	EA		>1,000 To 2,000 CFM Enthalpy Recovery Wheel.....	6,010.62	557.75
23 72 13 00-0004	EA		>2,000 To 4,000 CFM Enthalpy Recovery Wheel.....	7,520.94	697.19
23 72 13 00-0005	EA		>4,000 To 6,000 CFM Enthalpy Recovery Wheel.....	8,789.49	796.53
23 72 13 00-0006	EA		>6,000 To 8,000 CFM Enthalpy Recovery Wheel.....	9,711.81	836.62
23 72 13 00-0007	EA		>8,000 To 10,000 CFM Enthalpy Recovery Wheel.....	11,777.38	929.69
23 72 13 00-0008	EA		>10,000 To 15,000 CFM Enthalpy Recovery Wheel.....	15,566.42	976.06
23 72 13 00-0009	EA		>15,000 To 20,000 CFM Enthalpy Recovery Wheel.....	19,337.57	1,045.77
23 72 13 00-0010	EA		>20,000 To 25,000 CFM Enthalpy Recovery Wheel.....	23,396.29	1,194.97
23 72 13 00-0011	EA		>25,000 To 30,000 CFM Enthalpy Recovery Wheel.....	26,278.26	1,533.81
23 72 13 00-0012	EA		>30,000 To 40,000 CFM Enthalpy Recovery Wheel.....	35,123.68	1,742.96
23 72 13 00-0013	EA		>40,000 To 50,000 CFM Enthalpy Recovery Wheel.....	41,782.02	2,091.55

**23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment** <sup>(23 72)</sup>



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Central HVAC Equipment	23 70
Air-To-Air Energy Recovery Equipment	23 72

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 72 16 00-0001	Glycol Heat Pipe Type, 50 Percent Efficient <sup>(23 72 16)</sup>		
23 72 16 00-0002	EA 100 MBH, 1,700 CFM Glycol Heat Recovery Unit .....	9,592.87	348.59
23 72 16 00-0003	EA 160 MBH, 2,700 CFM Glycol Heat Recovery Unit .....	15,058.01	464.81
23 72 16 00-0004	EA 620 MBH, 4,000 CFM Glycol Heat Recovery Unit .....	22,325.38	697.19

**23 73 Indoor Central-Station Air-Handling Units <sup>(23 70)</sup>**

**23 73 13 Modular Indoor Central-Station Air-Handling Units <sup>(23 73)</sup>**

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

**23 73 13 00-0001 Single Zone Units <sup>(23 73 13)</sup>**

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA 300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	1,407.30	323.63
	<i>For Steam Heating Coil, Aluminum Fins, Add</i>	376.97	
	<i>For Flat Filter Box And Throwaway Filters, Add</i>	117.61	
	<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	518.71	
	<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	282.47	
	<i>For Variable Air Volume, Add</i>	132.29	
	<i>For Electric Heating Coil, Add</i>	471.47	
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	306.61	
	<i>For Automatic Roll Filter, Add</i>	613.21	
	<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	424.22	
	<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	471.47	
	<i>For 2 Coils, Independent Circuits, Add</i>	159.63	
	<i>For Manual Roll Filter, Add</i>	565.96	
	<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	329.72	
	<i>For Economizer, Panel, Controls And Damper(s), Add</i>	963.64	
	<i>For Hot Water Heating Coil, Copper Fins, Add</i>	376.97	
	<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	565.96	
	<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	221.36	
23 73 13 00-0003	EA 500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	2,226.21	388.36
	<i>For Steam Heating Coil, Aluminum Fins, Add</i>	640.58	
	<i>For Flat Filter Box And Throwaway Filters, Add</i>	194.90	
	<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	891.36	
	<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	473.40	
	<i>For Variable Air Volume, Add</i>	234.06	
	<i>For Electric Heating Coil, Add</i>	807.77	
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	529.27	
	<i>For Automatic Roll Filter, Add</i>	1,058.55	
	<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	724.18	
	<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	807.77	
	<i>For 2 Coils, Independent Circuits, Add</i>	256.06	
	<i>For Manual Roll Filter, Add</i>	974.95	
	<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	556.99	
	<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,028.05	
	<i>For Hot Water Heating Coil, Copper Fins, Add</i>	640.58	
	<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	974.95	
	<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	373.18	
23 73 13 00-0004	EA 800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	2,517.14	417.09
	<i>For Steam Heating Coil, Aluminum Fins, Add</i>	732.05	
	<i>For Flat Filter Box And Throwaway Filters, Add</i>	221.92	
	<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,020.25	
	<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	539.92	
	<i>For Variable Air Volume, Add</i>	268.99	
	<i>For Electric Heating Coil, Add</i>	924.19	
	<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	606.19	
	<i>For Automatic Roll Filter, Add</i>	1,212.39	
	<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	828.12	
	<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	924.19	
	<i>For 2 Coils, Independent Circuits, Add</i>	290.14	
	<i>For Manual Roll Filter, Add</i>	1,116.32	
	<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	635.98	
	<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,057.05	
	<i>For Hot Water Heating Coil, Copper Fins, Add</i>	732.05	
	<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,116.32	
	<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	425.98	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0005	EA		1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	2,840.66	448.18
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	834.14	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	252.05	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,164.19	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	614.11	
			<i>For Variable Air Volume, Add</i>	308.04	
			<i>For Electric Heating Coil, Add</i>	1,054.17	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	692.11	
			<i>For Automatic Roll Filter, Add</i>	1,384.22	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	944.16	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,054.17	
			<i>For 2 Coils, Independent Circuits, Add</i>	328.07	
			<i>For Manual Roll Filter, Add</i>	1,274.21	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	724.13	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,088.25	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	834.14	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,274.21	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	484.89	
23 73 13 00-0006	EA		1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	3,222.29	482.15
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	955.80	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	287.83	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,335.95	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	702.37	
			<i>For Variable Air Volume, Add</i>	354.80	
			<i>For Electric Heating Coil, Add</i>	1,209.23	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	794.69	
			<i>For Automatic Roll Filter, Add</i>	1,589.37	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,082.52	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,209.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	372.91	
			<i>For Manual Roll Filter, Add</i>	1,462.66	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	829.09	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,121.60	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	955.80	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,462.66	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	555.02	
23 73 13 00-0007	EA		1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	3,667.41	518.16
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,098.54	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	329.73	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,537.62	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	805.82	
			<i>For Variable Air Volume, Add</i>	409.81	
			<i>For Electric Heating Coil, Add</i>	1,391.26	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	915.17	
			<i>For Automatic Roll Filter, Add</i>	1,830.34	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,244.90	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,391.26	
			<i>For 2 Coils, Independent Circuits, Add</i>	425.29	
			<i>For Manual Roll Filter, Add</i>	1,683.98	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	952.18	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,158.15	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,098.54	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,683.98	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	637.25	
23 73 13 00-0008	EA		1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	4,016.01	557.05
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,207.07	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	361.90	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,690.36	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	884.88	
			<i>For Variable Air Volume, Add</i>	451.06	
			<i>For Electric Heating Coil, Add</i>	1,529.26	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,006.27	
			<i>For Automatic Roll Filter, Add</i>	2,012.55	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,368.17	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,529.26	
			<i>For 2 Coils, Independent Circuits, Add</i>	466.04	
			<i>For Manual Roll Filter, Add</i>	1,851.45	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,045.98	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,195.88	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,207.07	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,851.45	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	699.97	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central HVAC Equipment</b>	<b>23 70</b>
<b>Indoor Central-Station Air-Handling Units</b>	<b>23 73</b>

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0009 EA 1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	4,393.67	600.34
For Steam Heating Coil, Aluminum Fins, Add	1,323.42	
For Flat Filter Box And Throwaway Filters, Add	396.49	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,853.86	
For Economizer, Panel, Controls And Damper(s), Add	1,221.60	
For Hot Water Heating Coil, Aluminum Fins, Add	969.80	
For Variable Air Volume, Add	495.07	
For Electric Heating Coil, Add	1,677.04	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,103.74	
For Automatic Roll Filter, Add	2,207.48	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,500.23	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,677.04	
For 2 Coils, Independent Circuits, Add	510.09	
For Manual Roll Filter, Add	2,030.67	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,146.61	
For Hot Water Heating Coil, Copper Fins, Add	1,323.42	
For Chilled Water Cooling Coil, Copper Fins, Add	2,030.67	
For Medium Capacity Filter Box And Throwaway Filters, Add	767.27	
23 73 13 00-0010 EA 2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	4,809.36	643.63
For Steam Heating Coil, Aluminum Fins, Add	1,453.40	
For Flat Filter Box And Throwaway Filters, Add	434.96	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,036.87	
For Economizer, Panel, Controls And Damper(s), Add	1,255.74	
For Hot Water Heating Coil, Aluminum Fins, Add	1,064.41	
For Variable Air Volume, Add	544.58	
For Electric Heating Coil, Add	1,842.38	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,212.93	
For Automatic Roll Filter, Add	2,425.86	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,647.89	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,842.38	
For 2 Coils, Independent Circuits, Add	568.73	
For Manual Roll Filter, Add	2,231.36	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,258.90	
For Hot Water Heating Coil, Copper Fins, Add	1,453.40	
For Chilled Water Cooling Coil, Copper Fins, Add	2,231.36	
For Medium Capacity Filter Box And Throwaway Filters, Add	842.33	
23 73 13 00-0011 EA 2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	5,192.48	691.83
For Steam Heating Coil, Aluminum Fins, Add	1,570.29	
For Flat Filter Box And Throwaway Filters, Add	469.83	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,200.92	
For Economizer, Panel, Controls And Damper(s), Add	1,293.57	
For Hot Water Heating Coil, Aluminum Fins, Add	1,149.87	
For Variable Air Volume, Add	588.58	
For Electric Heating Coil, Add	1,990.71	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,310.67	
For Automatic Roll Filter, Add	2,621.33	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,780.50	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,990.71	
For 2 Coils, Independent Circuits, Add	603.33	
For Manual Roll Filter, Add	2,411.12	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,360.08	
For Hot Water Heating Coil, Copper Fins, Add	1,570.29	
For Chilled Water Cooling Coil, Copper Fins, Add	2,411.12	
For Medium Capacity Filter Box And Throwaway Filters, Add	910.02	
23 73 13 00-0012 EA 2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	5,601.48	744.42
For Steam Heating Coil, Aluminum Fins, Add	1,694.69	
For Flat Filter Box And Throwaway Filters, Add	506.98	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,375.41	
For Economizer, Panel, Controls And Damper(s), Add	1,334.83	
For Hot Water Heating Coil, Aluminum Fins, Add	1,240.87	
For Variable Air Volume, Add	635.34	
For Electric Heating Coil, Add	2,148.50	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,414.61	
For Automatic Roll Filter, Add	2,829.22	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,921.59	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,148.50	
For 2 Coils, Independent Circuits, Add	650.91	
For Manual Roll Filter, Add	2,602.32	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,467.78	
For Hot Water Heating Coil, Copper Fins, Add	1,694.69	
For Chilled Water Cooling Coil, Copper Fins, Add	2,602.32	
For Medium Capacity Filter Box And Throwaway Filters, Add	982.06	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 73 13 00-0013	EA		3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	6,515.60	861.68
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,972.73	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	590.01	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	2,765.43	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,427.01	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,444.26	
			<i>For Variable Air Volume, Add</i>	739.86	
			<i>For Electric Heating Coil, Add</i>	2,501.20	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,646.95	
			<i>For Automatic Roll Filter, Add</i>	3,293.90	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,236.96	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,501.20	
			<i>For 2 Coils, Independent Circuits, Add</i>	757.25	
			<i>For Manual Roll Filter, Add</i>	3,029.67	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,708.50	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,972.73	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,029.67	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,143.10	
23 73 13 00-0014	EA		3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	6,824.01	926.00
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,057.60	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	616.24	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	2,882.72	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,477.77	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,507.52	
			<i>For Variable Air Volume, Add</i>	770.11	
			<i>For Electric Heating Coil, Add</i>	2,607.68	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,716.40	
			<i>For Automatic Roll Filter, Add</i>	3,432.80	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,332.64	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,607.68	
			<i>For 2 Coils, Independent Circuits, Add</i>	792.42	
			<i>For Manual Roll Filter, Add</i>	3,157.76	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,782.56	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,057.60	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,157.76	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,192.78	
23 73 13 00-0015	EA		3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	7,138.58	995.18
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,143.08	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	642.77	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,000.61	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,531.93	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,571.39	
			<i>For Variable Air Volume, Add</i>	800.36	
			<i>For Electric Heating Coil, Add</i>	2,714.77	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,786.15	
			<i>For Automatic Roll Filter, Add</i>	3,572.30	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,428.93	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,714.77	
			<i>For 2 Coils, Independent Circuits, Add</i>	828.20	
			<i>For Manual Roll Filter, Add</i>	3,286.46	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,857.24	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,143.08	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,286.46	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,242.90	
23 73 13 00-0016	EA		4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	7,830.19	1,148.91
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,330.11	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	700.93	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,258.37	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,711.28	
			<i>For Variable Air Volume, Add</i>	866.37	
			<i>For Electric Heating Coil, Add</i>	2,948.95	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,938.60	
			<i>For Automatic Roll Filter, Add</i>	3,877.21	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,639.53	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,948.95	
			<i>For 2 Coils, Independent Circuits, Add</i>	906.79	
			<i>For Manual Roll Filter, Add</i>	3,567.79	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,020.70	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,330.11	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,567.79	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,596.72	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,352.60	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central HVAC Equipment</b>	<b>23 70</b>
<b>Indoor Central-Station Air-Handling Units</b>	<b>23 73</b>

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0017 EA 4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	7,830.19	1,148.91
For Steam Heating Coil, Aluminum Fins, Add	2,330.11	
For Flat Filter Box And Throwaway Filters, Add	700.93	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,258.37	
For Hot Water Heating Coil, Aluminum Fins, Add	1,711.28	
For Variable Air Volume, Add	866.37	
For Electric Heating Coil, Add	2,948.95	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,938.60	
For Automatic Roll Filter, Add	3,877.21	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,639.53	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,948.95	
For 2 Coils, Independent Circuits, Add	906.79	
For Manual Roll Filter, Add	3,567.79	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,020.70	
For Hot Water Heating Coil, Copper Fins, Add	2,330.11	
For Chilled Water Cooling Coil, Copper Fins, Add	3,567.79	
For Economizer, Panel, Controls And Damper(s), Add	1,596.72	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,352.60	
23 73 13 00-0018 EA 5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	8,584.71	1,319.62
For Steam Heating Coil, Aluminum Fins, Add	2,533.26	
For Flat Filter Box And Throwaway Filters, Add	764.19	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,538.14	
For Hot Water Heating Coil, Aluminum Fins, Add	1,863.35	
For Variable Air Volume, Add	937.88	
For Electric Heating Coil, Add	3,203.18	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,104.03	
For Automatic Roll Filter, Add	4,208.06	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,868.22	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,203.18	
For 2 Coils, Independent Circuits, Add	992.45	
For Manual Roll Filter, Add	3,873.10	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,198.31	
For Hot Water Heating Coil, Copper Fins, Add	2,533.26	
For Chilled Water Cooling Coil, Copper Fins, Add	3,873.10	
For Economizer, Panel, Controls And Damper(s), Add	1,694.22	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,471.82	
23 73 13 00-0019 EA 5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	9,019.94	1,431.68
For Steam Heating Coil, Aluminum Fins, Add	2,645.55	
For Flat Filter Box And Throwaway Filters, Add	799.71	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,691.68	
For Hot Water Heating Coil, Aluminum Fins, Add	1,948.13	
For Variable Air Volume, Add	976.39	
For Electric Heating Coil, Add	3,342.97	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,194.55	
For Automatic Roll Filter, Add	4,389.10	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,994.26	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,342.97	
For 2 Coils, Independent Circuits, Add	1,041.48	
For Manual Roll Filter, Add	4,040.39	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,296.84	
For Hot Water Heating Coil, Copper Fins, Add	2,645.55	
For Chilled Water Cooling Coil, Copper Fins, Add	4,040.39	
For Economizer, Panel, Controls And Damper(s), Add	1,758.29	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,538.04	
23 73 13 00-0020 EA 6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	9,446.66	1,538.08
For Steam Heating Coil, Aluminum Fins, Add	2,756.98	
For Flat Filter Box And Throwaway Filters, Add	834.80	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,844.37	
For Hot Water Heating Coil, Aluminum Fins, Add	2,032.05	
For Variable Air Volume, Add	1,014.90	
For Electric Heating Coil, Add	3,481.90	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,284.65	
For Automatic Roll Filter, Add	4,569.29	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,119.44	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,481.90	
For 2 Coils, Independent Circuits, Add	1,089.65	
For Manual Roll Filter, Add	4,206.83	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,394.52	
For Hot Water Heating Coil, Copper Fins, Add	2,756.98	
For Chilled Water Cooling Coil, Copper Fins, Add	4,206.83	
For Economizer, Panel, Controls And Damper(s), Add	1,818.96	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,603.67	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	9,875.94		1,646.49
		For Steam Heating Coil, Aluminum Fins, Add		2,868.67	
		For Flat Filter Box And Throwaway Filters, Add		870.01	
		For Direct Expansion Cooling Coil, Copper Fins, Add		3,997.31	
		For Hot Water Heating Coil, Aluminum Fins, Add		2,116.24	
		For Variable Air Volume, Add		1,053.40	
		For Electric Heating Coil, Add		3,621.10	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add		2,374.87	
		For Automatic Roll Filter, Add		4,749.74	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add		3,244.88	
		For Chilled Water Cooling Coil, Aluminum Fins, Add		3,621.10	
		For 2 Coils, Independent Circuits, Add		1,138.08	
		For Manual Roll Filter, Add		4,373.52	
		For Combination Filter Mixing Box And Throwaway Filters, Add		2,492.45	
		For Hot Water Heating Coil, Copper Fins, Add		2,868.67	
		For Chilled Water Cooling Coil, Copper Fins, Add		4,373.52	
		For Economizer, Panel, Controls And Damper(s), Add		1,880.66	
		For Medium Capacity Filter Box And Throwaway Filters, Add		1,669.47	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	10,370.57		1,772.30
		For Steam Heating Coil, Aluminum Fins, Add		2,996.71	
		For Flat Filter Box And Throwaway Filters, Add		910.46	
		For Direct Expansion Cooling Coil, Copper Fins, Add		4,172.51	
		For Hot Water Heating Coil, Aluminum Fins, Add		2,212.85	
		For Variable Air Volume, Add		1,097.41	
		For Electric Heating Coil, Add		3,780.57	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add		2,478.18	
		For Automatic Roll Filter, Add		4,956.37	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add		3,388.64	
		For Chilled Water Cooling Coil, Aluminum Fins, Add		3,780.57	
		For 2 Coils, Independent Circuits, Add		1,193.83	
		For Manual Roll Filter, Add		4,564.44	
		For Combination Filter Mixing Box And Throwaway Filters, Add		2,604.78	
		For Hot Water Heating Coil, Copper Fins, Add		2,996.71	
		For Chilled Water Cooling Coil, Copper Fins, Add		4,564.44	
		For Economizer, Panel, Controls And Damper(s), Add		1,952.78	
		For Medium Capacity Filter Box And Throwaway Filters, Add		1,744.96	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	10,872.56		1,898.93
		For Steam Heating Coil, Aluminum Fins, Add		3,125.49	
		For Flat Filter Box And Throwaway Filters, Add		951.28	
		For Direct Expansion Cooling Coil, Copper Fins, Add		4,348.44	
		For Hot Water Heating Coil, Aluminum Fins, Add		2,310.20	
		For Variable Air Volume, Add		1,141.41	
		For Electric Heating Coil, Add		3,940.79	
		For Economizer, Panel, Controls And Damper(s), Add		1,995.88	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add		2,581.87	
		For Automatic Roll Filter, Add		5,163.73	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add		3,533.14	
		For Chilled Water Cooling Coil, Aluminum Fins, Add		3,940.79	
		For 2 Coils, Independent Circuits, Add		1,250.32	
		For Manual Roll Filter, Add		4,756.08	
		For Combination Filter Mixing Box And Throwaway Filters, Add		2,717.85	
		For Hot Water Heating Coil, Copper Fins, Add		3,125.49	
		For Chilled Water Cooling Coil, Copper Fins, Add		4,756.08	
		For Medium Capacity Filter Box And Throwaway Filters, Add		1,820.96	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	11,389.75		2,044.91
		For Steam Heating Coil, Aluminum Fins, Add		3,255.80	
		For Flat Filter Box And Throwaway Filters, Add		992.85	
		For Direct Expansion Cooling Coil, Copper Fins, Add		4,525.89	
		For Hot Water Heating Coil, Aluminum Fins, Add		2,409.07	
		For Variable Air Volume, Add		1,185.42	
		For Electric Heating Coil, Add		4,102.52	
		For Economizer, Panel, Controls And Damper(s), Add		2,056.74	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add		2,686.31	
		For Automatic Roll Filter, Add		5,372.62	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add		3,679.16	
		For Chilled Water Cooling Coil, Aluminum Fins, Add		4,102.52	
		For 2 Coils, Independent Circuits, Add		1,308.32	
		For Manual Roll Filter, Add		4,949.25	
		For Combination Filter Mixing Box And Throwaway Filters, Add		2,832.43	
		For Hot Water Heating Coil, Copper Fins, Add		3,255.80	
		For Chilled Water Cooling Coil, Copper Fins, Add		4,949.25	
		For Medium Capacity Filter Box And Throwaway Filters, Add		1,898.03	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>			<b>23</b>
Central HVAC Equipment			23 70
Indoor Central-Station Air-Handling Units			23 73

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	11,978.93 3,403.12 1,039.99 4,726.25 2,521.03 1,234.93 4,285.21 2,127.41 2,804.17 5,608.34 3,844.16 4,285.21 1,374.31 5,167.30 2,962.07 3,403.12 5,167.30 1,985.24	2,215.27
23 73	13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	12,554.17 3,549.05 1,086.44 4,925.23 2,631.60 1,284.43 4,466.50 2,193.89 2,921.34 5,842.68 4,007.78 4,466.50 1,438.91 5,383.96 3,090.32 3,549.05 5,383.96 2,071.48	2,365.19
23 73	13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	12,611.82 3,599.02 1,098.16 5,001.72 2,663.88 1,309.19 4,534.15 2,158.14 2,968.43 5,936.85 4,066.58 4,534.15 1,448.21 5,469.29 3,131.45 3,599.02 5,469.29 2,098.50	2,290.12
23 73	13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	13,157.16 3,697.75 1,134.27 5,126.98 2,744.94 1,333.94 4,650.57 2,268.70 3,039.90 6,079.79 4,174.16 4,650.57 1,506.28 5,603.38 3,221.35 3,697.75 5,603.38 2,159.66	2,540.82

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0029	EA		13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Variable Air Volume, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Automatic Roll Filter, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For 2 Coils, Independent Circuits, Add For Manual Roll Filter, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Medium Capacity Filter Box And Throwaway Filters, Add	13,856.69 3,910.14 1,197.73 5,424.82 2,900.35 1,413.70 4,919.92 2,151.76 3,217.30 6,434.60 4,415.03 4,919.92 1,587.63 5,929.71 3,405.24 3,910.14 5,929.71 2,282.69	2,642.88
23 73 13 00-0030	EA		15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Variable Air Volume, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Automatic Roll Filter, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For 2 Coils, Independent Circuits, Add For Manual Roll Filter, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Medium Capacity Filter Box And Throwaway Filters, Add	14,592.34 4,126.13 1,263.00 5,726.27 3,059.37 1,493.46 5,192.89 2,184.95 3,396.52 6,793.03 4,659.51 5,192.89 1,672.59 6,259.65 3,592.75 4,126.13 6,259.65 2,408.25	2,745.23
23 73 13 00-0031	EA		16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Variable Air Volume, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Automatic Roll Filter, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For 2 Coils, Independent Circuits, Add For Manual Roll Filter, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Medium Capacity Filter Box And Throwaway Filters, Add	15,373.06 4,366.28 1,334.45 6,063.67 3,234.69 1,584.23 5,497.87 2,211.43 3,597.63 7,195.26 4,932.08 5,497.87 1,763.62 6,629.46 3,800.49 4,366.28 6,629.46 2,547.18	2,850.81
23 73 13 00-0032	EA		17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Variable Air Volume, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Automatic Roll Filter, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For 2 Coils, Independent Circuits, Add For Manual Roll Filter, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Medium Capacity Filter Box And Throwaway Filters, Add	16,186.01 4,609.65 1,407.51 6,404.29 3,413.23 1,674.99 5,806.07 2,244.36 3,800.35 7,600.71 5,207.86 5,806.07 1,857.89 7,002.50 4,011.44 4,609.65 7,002.50 2,688.37	2,956.52



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Central HVAC Equipment</b>	<b>23 70</b>
<b>Indoor Central-Station Air-Handling Units</b>	<b>23 73</b>

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0033 EA 20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	18,046.95 5,183.75 4,507.94 3,426.64 3,605.59 1,892.27 3,020.40 5,859.56 1,578.16 3,156.32 6,535.37 2,075.02 7,886.99 2,527.88 7,481.51 7,211.18 5,183.75 5,183.75	3,169.59
23 73 13 00-0034 EA 22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	20,024.78 5,784.27 5,027.91 3,817.74 4,026.67 2,117.80 3,368.27 6,540.63 1,757.60 3,515.19 7,296.98 2,305.02 8,809.70 2,592.08 8,355.89 8,053.34 5,784.27 5,784.27	3,415.96
23 73 13 00-0035 EA 25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	22,186.88 6,457.24 5,609.53 4,253.19 4,500.19 2,373.59 3,757.13 7,304.95 1,957.05 3,914.11 8,152.66 2,557.77 9,848.08 2,650.72 9,339.46 9,000.37 6,457.24 6,457.24	3,660.13
23 73 13 00-0036 EA 27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	27,317.89 8,153.99 7,069.55 5,334.45 5,703.66 3,036.43 4,731.80 9,238.43 2,450.34 4,900.67 10,322.87 3,165.57 12,491.75 2,720.09 11,841.09 11,407.31 8,153.99 8,153.99	3,941.87

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0037	EA		30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	30,523.87 9,181.83 7,955.95 5,994.52 6,429.75 3,432.49 5,323.98 10,407.72 2,665.91 2,752.08 5,504.17 11,633.61 3,542.74 14,085.39 13,349.86 12,859.50 9,181.83 9,181.83	4,207.36
23 73 13 00-0038	EA		32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	33,442.72 10,087.65 8,738.97 6,581.09 7,066.84 3,776.29 5,847.55 11,436.32 2,735.38 3,020.81 6,041.62 12,785.00 3,883.74 15,482.35 14,673.14 14,133.67 10,087.65 10,087.65	4,530.71
23 73 13 00-0039	EA		35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	36,693.71 11,085.61 9,602.36 7,229.17 7,767.68 4,153.09 6,425.00 12,568.86 2,819.31 3,317.93 6,635.87 14,052.10 4,262.67 17,018.60 16,128.65 15,535.35 11,085.61 11,085.61	5,298.51
23 73 13 00-0040	EA		37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Variable Air Volume, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i>	39,493.77 11,959.90 10,357.79 7,794.43 8,383.10 4,485.89 6,930.03 13,562.00 2,882.75 3,576.79 7,153.59 15,164.11 4,590.22 18,368.31 17,407.05 16,766.21 11,959.90 11,959.90	5,218.66



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Indoor Central-Station Air-Handling Units		23 73

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	42,598.00 12,908.81 11,179.00 8,411.32 9,049.10 4,843.44 7,479.34 2,830.25 14,638.61 3,859.70 7,719.40 16,368.41 4,951.72 19,828.01 18,790.13 18,098.21 12,908.81 12,908.81	5,582.69
23 73	13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	45,977.46 13,939.26 12,070.96 9,081.67 9,772.09 5,231.25 8,076.01 2,906.43 15,807.56 4,167.18 8,334.35 17,675.87 5,345.07 21,412.47 20,291.49 19,544.17 13,939.26 13,939.26	6,027.76
23 73	13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	47,897.14 14,514.32 12,569.40 9,457.52 10,174.54 5,445.78 8,409.59 2,954.84 16,459.24 4,339.78 8,679.56 18,404.16 5,567.68 22,294.00 21,127.05 20,349.08 14,514.32 14,514.32	6,310.87
23 73	13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	49,707.03 15,058.75 13,041.14 9,812.97 10,555.79 5,649.31 8,725.28 2,999.35 17,076.36 4,502.96 9,005.92 19,093.97 5,777.75 23,129.19 21,918.63 21,111.58 15,058.75 15,058.75	6,553.60

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0045	EA		55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	53,596.18 16,258.05 14,078.36 10,590.87 11,398.56 6,103.12 9,418.92 3,080.31 18,437.74 4,859.50 9,718.99 20,617.42 6,231.49 24,976.80 23,668.98 22,797.11 16,258.05 16,258.05	6,998.60
23 73 13 00-0046	EA		60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Economizer, Panel, Controls And Damper(s), Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	58,637.61 17,847.62 15,450.85 11,616.01 12,518.96 2,970.22 6,710.96 10,336.24 20,244.39 5,328.65 10,657.30 22,641.16 6,822.47 27,434.70 25,996.64 25,037.93 17,847.62 17,847.62	7,484.05
23 73 13 00-0047	EA		65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Economizer, Panel, Controls And Damper(s), Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	64,287.35 19,610.98 16,974.53 12,756.21 13,760.16 3,055.84 7,382.06 11,354.88 22,247.43 5,850.82 11,701.63 24,883.87 7,483.31 30,156.77 28,574.90 27,520.32 19,610.98 19,610.98	8,090.86
23 73 13 00-0048	EA		70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Economizer, Panel, Controls And Damper(s), Add For Variable Air Volume, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add For Automatic Roll Filter, Add For Manual Roll Filter, Add For Chilled Water Cooling Coil, Copper Fins, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add	70,577.08 21,561.12 18,660.44 14,019.35 15,131.58 3,156.34 8,121.91 12,482.17 24,461.80 6,429.54 12,859.07 27,362.49 8,217.98 33,163.85 31,423.44 30,263.17 21,561.12 21,561.12	8,778.59

**23 73 13 00-0049****Multi-Zone Units** (23 73 13)

Note: Horizontal/vertical blow-thru fan, motor and cabinet.





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Indoor Central-Station Air-Handling Units		23 73

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0050	EA		1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	4,183.20	728.06
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,518.48	
			For Hot Water Heating Coil, Aluminum Fins, Add	418.32	
			For Electric Heating Coil, Add	481.19	
			For Combination Filter Mixing Box And Throwaway Filters, Add	889.82	
			For Direct Expansion Cooling Coil, Copper Fins, Add	1,832.81	
			For Flat Filter Box And Throwaway Filters, Add	366.33	
			For Medium Capacity Filter Box And Throwaway Filters, Add	701.45	
			For Automatic Roll Filter, Add	1,832.81	
			For 2 Coils, Independent Circuits, Add	481.19	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,518.48	
			For Chilled Water Cooling Coil, Copper Fins, Add	1,832.81	
			For Economizer, Panel, Controls And Damper(s), Add	1,367.92	
			For Manual Roll Filter, Add	1,832.81	
23 73 13 00-0051	EA		1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	5,212.58	912.13
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,889.58	
			For Hot Water Heating Coil, Aluminum Fins, Add	521.26	
			For Electric Heating Coil, Add	599.45	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,107.68	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,280.53	
			For Flat Filter Box And Throwaway Filters, Add	456.10	
			For Medium Capacity Filter Box And Throwaway Filters, Add	873.11	
			For Automatic Roll Filter, Add	2,280.53	
			For 2 Coils, Independent Circuits, Add	599.45	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,889.58	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,280.53	
			For Economizer, Panel, Controls And Damper(s), Add	1,552.16	
			For Manual Roll Filter, Add	2,280.53	
23 73 13 00-0052	EA		1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	6,455.30	970.79
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,419.53	
			For Hot Water Heating Coil, Aluminum Fins, Add	645.53	
			For Electric Heating Coil, Add	746.90	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,405.82	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,926.39	
			For Flat Filter Box And Throwaway Filters, Add	576.19	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,110.79	
			For Automatic Roll Filter, Add	2,926.39	
			For 2 Coils, Independent Circuits, Add	746.90	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,419.53	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,926.39	
			For Economizer, Panel, Controls And Damper(s), Add	1,610.70	
			For Manual Roll Filter, Add	2,926.39	
23 73 13 00-0053	EA		2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	6,710.45	1,039.56
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,500.06	
			For Hot Water Heating Coil, Aluminum Fins, Add	671.05	
			For Electric Heating Coil, Add	775.56	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,454.91	
			For Direct Expansion Cooling Coil, Copper Fins, Add	3,022.63	
			For Flat Filter Box And Throwaway Filters, Add	596.81	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,149.08	
			For Automatic Roll Filter, Add	3,022.63	
			For 2 Coils, Independent Circuits, Add	775.56	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,500.06	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,022.63	
			For Economizer, Panel, Controls And Damper(s), Add	1,679.29	
			For Manual Roll Filter, Add	3,022.63	
23 73 13 00-0054	EA		2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	7,859.03	1,114.40
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,979.34	
			For Hot Water Heating Coil, Aluminum Fins, Add	785.90	
			For Electric Heating Coil, Add	911.24	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,725.95	
			For Direct Expansion Cooling Coil, Copper Fins, Add	3,606.04	
			For Flat Filter Box And Throwaway Filters, Add	706.30	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,364.84	
			For Automatic Roll Filter, Add	3,606.04	
			For 2 Coils, Independent Circuits, Add	911.24	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,979.34	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,606.04	
			For Economizer, Panel, Controls And Damper(s), Add	1,754.44	
			For Manual Roll Filter, Add	3,606.04	
23 73 13 00-0055	EA		3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	8,286.08	1,193.40
			For Chilled Water Cooling Coil, Aluminum Fins, Add	3,132.06	
			For Hot Water Heating Coil, Aluminum Fins, Add	828.61	
			For Electric Heating Coil, Add	960.23	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,815.80	
			For Direct Expansion Cooling Coil, Copper Fins, Add	3,790.19	
			For Flat Filter Box And Throwaway Filters, Add	743.37	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,435.59	
			For Automatic Roll Filter, Add	3,790.19	
			For 2 Coils, Independent Circuits, Add	960.23	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,132.06	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,790.19	
			For Economizer, Panel, Controls And Damper(s), Add	1,833.35	
			For Manual Roll Filter, Add	3,790.19	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0056	EA		3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	8,735.49	1,274.25
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,293.89	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	873.55	
			<i>For Electric Heating Coil, Add</i>	1,011.85	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,910.84	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,985.42	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	782.54	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,510.47	
			<i>For Automatic Roll Filter, Add</i>	3,985.42	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,011.85	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,293.89	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,985.42	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,914.15	
			<i>For Manual Roll Filter, Add</i>	3,985.42	
23 73 13 00-0057	EA		4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	9,748.47	1,367.36
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,704.61	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	974.85	
			<i>For Electric Heating Coil, Add</i>	1,130.83	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,144.75	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,822.03	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,484.55	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	877.39	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,696.31	
			<i>For Automatic Roll Filter, Add</i>	4,484.55	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,130.83	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,704.61	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,484.55	
			<i>For Manual Roll Filter, Add</i>	4,484.55	
23 73 13 00-0058	EA		4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	10,657.52	1,464.33
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,063.68	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,065.75	
			<i>For Electric Heating Coil, Add</i>	1,237.06	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,350.58	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,900.61	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,920.23	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	961.15	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,859.54	
			<i>For Automatic Roll Filter, Add</i>	4,920.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,237.06	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,063.68	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,920.23	
			<i>For Manual Roll Filter, Add</i>	4,920.23	
23 73 13 00-0059	EA		5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	11,266.21	1,563.96
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,289.57	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,126.62	
			<i>For Electric Heating Coil, Add</i>	1,307.36	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,482.17	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,976.06	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,193.28	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,015.16	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,963.45	
			<i>For Automatic Roll Filter, Add</i>	5,193.28	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,307.36	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,289.57	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,193.28	
			<i>For Manual Roll Filter, Add</i>	5,193.28	
23 73 13 00-0060	EA		5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	12,427.03	1,670.88
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,756.33	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,242.70	
			<i>For Electric Heating Coil, Add</i>	1,443.48	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,748.54	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,063.45	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,760.23	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,123.30	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,174.95	
			<i>For Automatic Roll Filter, Add</i>	5,760.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,443.48	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,756.33	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,760.23	
			<i>For Manual Roll Filter, Add</i>	5,760.23	
23 73 13 00-0061	EA		6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	13,221.94	1,788.20
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,055.85	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,322.19	
			<i>For Electric Heating Coil, Add</i>	1,535.55	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,922.33	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,154.89	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,122.61	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,194.48	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,312.32	
			<i>For Automatic Roll Filter, Add</i>	6,122.61	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,535.55	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,055.85	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,122.61	
			<i>For Manual Roll Filter, Add</i>	6,122.61	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Indoor Central-Station Air-Handling Units		23 73



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0062	EA		6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	14,500.25 5,554.99 1,450.03 1,684.59 3,209.29 2,274.48 6,727.83 1,311.44 2,539.72 6,727.83 1,684.59 5,554.99 6,727.83 6,727.83	1,941.80
23 73 13 00-0063	EA		7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Economizer, Panel, Controls And Damper(s), Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	15,579.53 5,965.46 1,557.95 1,809.81 3,446.88 2,392.66 7,224.74 1,408.62 2,727.64 7,224.74 1,809.81 5,965.46 7,224.74 7,224.74	2,091.55
23 73 13 00-0064	EA		7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	16,347.40 6,227.90 1,634.74 1,897.21 3,603.24 7,540.23 1,473.54 2,850.35 7,540.23 1,897.21 6,227.90 2,229.64 7,540.23 7,540.23	2,261.39
23 73 13 00-0065	EA		8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	18,142.37 6,943.72 1,814.24 2,107.35 4,012.59 8,409.29 1,639.90 3,175.20 8,409.29 2,107.35 6,943.72 2,334.68 8,409.29 8,409.29	2,439.28
23 73 13 00-0066	EA		8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	19,102.08 7,280.35 1,910.21 2,217.07 4,211.70 8,814.68 1,722.27 3,331.77 8,814.68 2,217.07 7,280.35 2,443.53 8,814.68 8,814.68	2,629.42
23 73 13 00-0067	EA		9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Chilled Water Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Economizer, Panel, Controls And Damper(s), Add For Chilled Water Cooling Coil, Copper Fins, Add For Manual Roll Filter, Add	20,165.02 7,654.81 2,016.50 2,338.69 4,432.92 9,265.75 1,813.72 3,505.78 9,265.75 2,338.69 7,654.81 2,562.23 9,265.75 9,265.75	2,847.98

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0068	EA		10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	21,309.74	3,074.35
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,051.20	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,130.97	
			For Electric Heating Coil, Add	2,469.27	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,668.21	
			For Direct Expansion Cooling Coil, Copper Fins, Add	9,742.69	
			For Flat Filter Box And Throwaway Filters, Add	1,911.23	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,690.62	
			For Economizer, Panel, Controls And Damper(s), Add	2,498.45	
			For Automatic Roll Filter, Add	9,742.69	
			For 2 Coils, Independent Circuits, Add	2,469.27	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,051.20	
			For Chilled Water Cooling Coil, Copper Fins, Add	9,742.69	
			For Manual Roll Filter, Add	9,742.69	
23 73 13 00-0069	EA		11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	21,907.83	3,191.85
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,258.84	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,190.78	
			For Electric Heating Coil, Add	2,537.53	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,791.38	
			For Direct Expansion Cooling Coil, Copper Fins, Add	9,992.57	
			For Flat Filter Box And Throwaway Filters, Add	1,962.26	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,787.40	
			For Economizer, Panel, Controls And Damper(s), Add	2,551.16	
			For Automatic Roll Filter, Add	9,992.57	
			For 2 Coils, Independent Circuits, Add	2,537.53	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,258.84	
			For Chilled Water Cooling Coil, Copper Fins, Add	9,992.57	
			For Manual Roll Filter, Add	9,992.57	
23 73 13 00-0070	EA		12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	22,479.52	3,305.76
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,463.84	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,247.95	
			For Electric Heating Coil, Add	2,603.15	
			For Combination Filter Mixing Box And Throwaway Filters, Add	4,911.90	
			For Direct Expansion Cooling Coil, Copper Fins, Add	10,239.81	
			For Flat Filter Box And Throwaway Filters, Add	2,011.96	
			For Medium Capacity Filter Box And Throwaway Filters, Add	3,882.32	
			For Economizer, Panel, Controls And Damper(s), Add	2,595.95	
			For Automatic Roll Filter, Add	10,239.81	
			For 2 Coils, Independent Circuits, Add	2,603.15	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,463.84	
			For Chilled Water Cooling Coil, Copper Fins, Add	10,239.81	
			For Manual Roll Filter, Add	10,239.81	
23 73 13 00-0071	EA		13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	25,435.51	3,438.61
			For Chilled Water Cooling Coil, Aluminum Fins, Add	9,722.08	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,543.55	
			For Economizer, Panel, Controls And Damper(s), Add	2,385.09	
			For Electric Heating Coil, Add	2,953.75	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,620.06	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,773.08	
			For Flat Filter Box And Throwaway Filters, Add	2,297.28	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,446.79	
			For Automatic Roll Filter, Add	11,773.08	
			For 2 Coils, Independent Circuits, Add	2,953.75	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,722.08	
			For Chilled Water Cooling Coil, Copper Fins, Add	11,773.08	
			For Manual Roll Filter, Add	11,773.08	
23 73 13 00-0072	EA		15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	28,369.77	3,574.83
			For Chilled Water Cooling Coil, Aluminum Fins, Add	10,978.14	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,836.98	
			For Electric Heating Coil, Add	3,302.19	
			For Combination Filter Mixing Box And Throwaway Filters, Add	6,326.05	
			For Direct Expansion Cooling Coil, Copper Fins, Add	13,304.19	
			For Flat Filter Box And Throwaway Filters, Add	2,581.51	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,009.75	
			For Automatic Roll Filter, Add	13,304.19	
			For Economizer, Panel, Controls And Damper(s), Add	2,629.13	
			For 2 Coils, Independent Circuits, Add	3,302.19	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,978.14	
			For Chilled Water Cooling Coil, Copper Fins, Add	13,304.19	
			For Manual Roll Filter, Add	13,304.19	
23 73 13 00-0073	EA		16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	32,653.20	3,709.66
			For Chilled Water Cooling Coil, Aluminum Fins, Add	12,840.13	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,265.32	
			For Electric Heating Coil, Add	3,812.45	
			For Combination Filter Mixing Box And Throwaway Filters, Add	7,368.81	
			For Direct Expansion Cooling Coil, Copper Fins, Add	15,575.79	
			For Flat Filter Box And Throwaway Filters, Add	3,000.49	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,842.08	
			For Automatic Roll Filter, Add	15,575.79	
			For Economizer, Panel, Controls And Damper(s), Add	2,661.91	
			For 2 Coils, Independent Circuits, Add	3,812.45	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	12,840.13	
			For Chilled Water Cooling Coil, Copper Fins, Add	15,575.79	
			For Manual Roll Filter, Add	15,575.79	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0074 EA 17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	36,939.28	3,843.16
For Chilled Water Cooling Coil, Aluminum Fins, Add	14,702.38	
For Hot Water Heating Coil, Aluminum Fins, Add	3,693.93	
For Electric Heating Coil, Add	4,322.98	
For Combination Filter Mixing Box And Throwaway Filters, Add	8,411.83	
For Direct Expansion Cooling Coil, Copper Fins, Add	17,847.65	
For Flat Filter Box And Throwaway Filters, Add	3,419.60	
For Medium Capacity Filter Box And Throwaway Filters, Add	6,674.60	
For Automatic Roll Filter, Add	17,847.65	
For Economizer, Panel, Controls And Damper(s), Add	2,695.15	
For 2 Coils, Independent Circuits, Add	4,322.98	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,702.38	
For Chilled Water Cooling Coil, Copper Fins, Add	17,847.65	
For Manual Roll Filter, Add	17,847.65	
23 73 13 00-0075 EA 20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	41,490.13	4,166.80
For Medium Capacity Filter Box And Throwaway Filters, Add	5,747.43	
For Flat Filter Box And Throwaway Filters, Add	3,851.46	
For Electric Heating Coil, Add	4,859.79	
For Hot Water Heating Coil, Aluminum Fins, Add	4,149.01	
For Chilled Water Cooling Coil, Aluminum Fins, Add	14,810.72	
For Combination Filter Mixing Box And Throwaway Filters, Add	9,479.86	
For Manual Roll Filter, Add	14,810.72	
For Steam Heating Coil, Aluminum Fins, Add	7,702.91	
For Economizer, Panel, Controls And Damper(s), Add	2,776.45	
For Automatic Roll Filter, Add	18,364.62	
For Direct Expansion Cooling Coil, Copper Fins, Add	18,364.62	
For 2 Coils, Independent Circuits, Add	4,859.79	
For Chilled Water Cooling Coil, Copper Fins, Add	18,364.62	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,810.72	
23 73 13 00-0076 EA 22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	44,746.26	4,530.89
For Medium Capacity Filter Box And Throwaway Filters, Add	6,196.96	
For Flat Filter Box And Throwaway Filters, Add	4,152.77	
For Electric Heating Coil, Add	5,240.81	
For Hot Water Heating Coil, Aluminum Fins, Add	4,474.63	
For Chilled Water Cooling Coil, Aluminum Fins, Add	15,967.34	
For Combination Filter Mixing Box And Throwaway Filters, Add	10,220.98	
For Manual Roll Filter, Add	15,967.34	
For Steam Heating Coil, Aluminum Fins, Add	8,305.53	
For Automatic Roll Filter, Add	19,798.25	
For Direct Expansion Cooling Coil, Copper Fins, Add	19,798.25	
For Economizer, Panel, Controls And Damper(s), Add	2,730.58	
For 2 Coils, Independent Circuits, Add	5,240.81	
For Chilled Water Cooling Coil, Copper Fins, Add	19,798.25	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,967.34	
23 73 13 00-0077 EA 25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	53,433.31	4,894.80
For Medium Capacity Filter Box And Throwaway Filters, Add	7,455.72	
For Flat Filter Box And Throwaway Filters, Add	4,993.78	
For Electric Heating Coil, Add	6,272.18	
For Hot Water Heating Coil, Aluminum Fins, Add	5,343.33	
For Chilled Water Cooling Coil, Aluminum Fins, Add	19,276.04	
For Combination Filter Mixing Box And Throwaway Filters, Add	12,309.68	
For Manual Roll Filter, Add	19,276.04	
For Steam Heating Coil, Aluminum Fins, Add	9,987.57	
For Automatic Roll Filter, Add	23,920.27	
For Direct Expansion Cooling Coil, Copper Fins, Add	23,920.27	
For Economizer, Panel, Controls And Damper(s), Add	2,813.64	
For 2 Coils, Independent Circuits, Add	6,272.18	
For Chilled Water Cooling Coil, Copper Fins, Add	23,920.27	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,276.04	
23 73 13 00-0078 EA 27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	60,426.48	5,299.52
For Medium Capacity Filter Box And Throwaway Filters, Add	8,459.17	
For Flat Filter Box And Throwaway Filters, Add	5,664.65	
For Electric Heating Coil, Add	7,099.98	
For Hot Water Heating Coil, Aluminum Fins, Add	6,042.65	
For Chilled Water Cooling Coil, Aluminum Fins, Add	21,902.60	
For Combination Filter Mixing Box And Throwaway Filters, Add	13,972.62	
For Manual Roll Filter, Add	21,902.60	
For Steam Heating Coil, Aluminum Fins, Add	11,329.30	
For Automatic Roll Filter, Add	27,189.24	
For Direct Expansion Cooling Coil, Copper Fins, Add	27,189.24	
For Economizer, Panel, Controls And Damper(s), Add	2,899.00	
For 2 Coils, Independent Circuits, Add	7,099.98	
For Chilled Water Cooling Coil, Copper Fins, Add	27,189.24	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	21,902.60	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0079	EA		30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	65,498.17	5,704.23
			For Medium Capacity Filter Box And Throwaway Filters, Add	9,172.53	
			For Flat Filter Box And Throwaway Filters, Add	6,142.19	
			For Electric Heating Coil, Add	7,696.73	
			For Hot Water Heating Coil, Aluminum Fins, Add	6,549.82	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	23,753.53	
			For Combination Filter Mixing Box And Throwaway Filters, Add	15,151.67	
			For Manual Roll Filter, Add	23,753.53	
			For Steam Heating Coil, Aluminum Fins, Add	12,284.39	
			For Automatic Roll Filter, Add	29,488.10	
			For Direct Expansion Cooling Coil, Copper Fins, Add	29,488.10	
			For Economizer, Panel, Controls And Damper(s), Add	2,987.87	
			For 2 Coils, Independent Circuits, Add	7,696.73	
			For Chilled Water Cooling Coil, Copper Fins, Add	29,488.10	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	23,753.53	
23 73 13 00-0080	EA		32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	73,178.09	6,674.79
			For Medium Capacity Filter Box And Throwaway Filters, Add	10,214.62	
			For Flat Filter Box And Throwaway Filters, Add	6,841.50	
			For Electric Heating Coil, Add	8,590.85	
			For Hot Water Heating Coil, Aluminum Fins, Add	7,317.81	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	26,413.40	
			For Combination Filter Mixing Box And Throwaway Filters, Add	16,865.60	
			For Manual Roll Filter, Add	26,413.40	
			For Steam Heating Coil, Aluminum Fins, Add	13,683.01	
			For Automatic Roll Filter, Add	32,778.59	
			For Direct Expansion Cooling Coil, Copper Fins, Add	32,778.59	
			For 2 Coils, Independent Circuits, Add	8,590.85	
			For Chilled Water Cooling Coil, Copper Fins, Add	32,778.59	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,413.40	
			For Economizer, Panel, Controls And Damper(s), Add	3,020.77	
23 73 13 00-0081	EA		35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	73,534.38	6,917.69
			For Medium Capacity Filter Box And Throwaway Filters, Add	10,239.56	
			For Flat Filter Box And Throwaway Filters, Add	6,859.32	
			For Electric Heating Coil, Add	8,626.48	
			For Hot Water Heating Coil, Aluminum Fins, Add	7,353.44	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	26,449.03	
			For Combination Filter Mixing Box And Throwaway Filters, Add	16,901.23	
			For Manual Roll Filter, Add	26,449.03	
			For Steam Heating Coil, Aluminum Fins, Add	13,718.63	
			For Automatic Roll Filter, Add	32,814.22	
			For Direct Expansion Cooling Coil, Copper Fins, Add	32,814.22	
			For 2 Coils, Independent Circuits, Add	8,626.48	
			For Chilled Water Cooling Coil, Copper Fins, Add	32,814.22	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,449.03	
			For Economizer, Panel, Controls And Damper(s), Add	3,065.30	
23 73 13 00-0082	EA		37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	76,916.09	7,160.18
			For Medium Capacity Filter Box And Throwaway Filters, Add	10,718.32	
			For Flat Filter Box And Throwaway Filters, Add	7,179.67	
			For Electric Heating Coil, Add	9,025.16	
			For Hot Water Heating Coil, Aluminum Fins, Add	7,691.61	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	27,694.83	
			For Combination Filter Mixing Box And Throwaway Filters, Add	17,693.22	
			For Manual Roll Filter, Add	27,694.83	
			For Steam Heating Coil, Aluminum Fins, Add	14,359.35	
			For Automatic Roll Filter, Add	34,362.57	
			For Direct Expansion Cooling Coil, Copper Fins, Add	34,362.57	
			For 2 Coils, Independent Circuits, Add	9,025.16	
			For Chilled Water Cooling Coil, Copper Fins, Add	34,362.57	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	27,694.83	
			For Economizer, Panel, Controls And Damper(s), Add	3,109.84	
23 73 13 00-0083	EA		40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	80,459.84	7,686.32
			For Medium Capacity Filter Box And Throwaway Filters, Add	11,191.13	
			For Flat Filter Box And Throwaway Filters, Add	7,497.33	
			For Electric Heating Coil, Add	9,435.72	
			For Hot Water Heating Coil, Aluminum Fins, Add	8,045.98	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	28,892.00	
			For Combination Filter Mixing Box And Throwaway Filters, Add	18,468.99	
			For Manual Roll Filter, Add	28,892.00	
			For Steam Heating Coil, Aluminum Fins, Add	14,994.66	
			For Automatic Roll Filter, Add	35,840.67	
			For Direct Expansion Cooling Coil, Copper Fins, Add	35,840.67	
			For 2 Coils, Independent Circuits, Add	9,435.72	
			For Chilled Water Cooling Coil, Copper Fins, Add	35,840.67	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	28,892.00	
			For Economizer, Panel, Controls And Damper(s), Add	3,201.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0084 EA 45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	86,730.49	8,090.86
For Medium Capacity Filter Box And Throwaway Filters, Add	12,088.99	
For Flat Filter Box And Throwaway Filters, Add	8,097.69	
For Electric Heating Coil, Add	10,177.51	
For Hot Water Heating Coil, Aluminum Fins, Add	8,673.05	
For Chilled Water Cooling Coil, Aluminum Fins, Add	31,240.02	
For Combination Filter Mixing Box And Throwaway Filters, Add	19,956.54	
For Manual Roll Filter, Add	31,240.02	
For Steam Heating Coil, Aluminum Fins, Add	16,195.37	
For Automatic Roll Filter, Add	38,762.35	
For Direct Expansion Cooling Coil, Copper Fins, Add	38,762.35	
For 2 Coils, Independent Circuits, Add	10,177.51	
For Chilled Water Cooling Coil, Copper Fins, Add	38,762.35	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	31,240.02	
For Economizer, Panel, Controls And Damper(s), Add	3,268.41	
23 73 13 00-0085 EA 50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	93,247.95	8,535.87
For Medium Capacity Filter Box And Throwaway Filters, Add	13,010.43	
For Flat Filter Box And Throwaway Filters, Add	8,714.32	
For Electric Heating Coil, Add	10,945.56	
For Hot Water Heating Coil, Aluminum Fins, Add	9,324.80	
For Chilled Water Cooling Coil, Aluminum Fins, Add	33,636.31	
For Combination Filter Mixing Box And Throwaway Filters, Add	21,480.55	
For Manual Roll Filter, Add	33,636.31	
For Steam Heating Coil, Aluminum Fins, Add	17,428.63	
For Economizer, Panel, Controls And Damper(s), Add	3,120.96	
For Automatic Roll Filter, Add	41,740.14	
For Direct Expansion Cooling Coil, Copper Fins, Add	41,740.14	
For 2 Coils, Independent Circuits, Add	10,945.56	
For Chilled Water Cooling Coil, Copper Fins, Add	41,740.14	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	33,636.31	
23 73 13 00-0086 EA 55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	100,459.95	9,061.77
For Medium Capacity Filter Box And Throwaway Filters, Add	14,033.91	
For Flat Filter Box And Throwaway Filters, Add	9,399.07	
For Electric Heating Coil, Add	11,796.42	
For Hot Water Heating Coil, Aluminum Fins, Add	10,046.00	
For Chilled Water Cooling Coil, Aluminum Fins, Add	36,302.43	
For Combination Filter Mixing Box And Throwaway Filters, Add	23,174.21	
For Manual Roll Filter, Add	36,302.43	
For Steam Heating Coil, Aluminum Fins, Add	18,798.14	
For Economizer, Panel, Controls And Damper(s), Add	3,193.85	
For Automatic Roll Filter, Add	45,054.57	
For Direct Expansion Cooling Coil, Copper Fins, Add	45,054.57	
For 2 Coils, Independent Circuits, Add	11,796.42	
For Chilled Water Cooling Coil, Copper Fins, Add	45,054.57	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	36,302.43	
23 73 13 00-0087 EA 60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	107,803.50	9,304.49
For Medium Capacity Filter Box And Throwaway Filters, Add	15,109.04	
For Flat Filter Box And Throwaway Filters, Add	10,116.92	
For Electric Heating Coil, Add	12,671.05	
For Hot Water Heating Coil, Aluminum Fins, Add	10,780.35	
For Chilled Water Cooling Coil, Aluminum Fins, Add	39,140.83	
For Combination Filter Mixing Box And Throwaway Filters, Add	24,960.59	
For Manual Roll Filter, Add	39,140.83	
For Steam Heating Coil, Aluminum Fins, Add	20,233.84	
For Economizer, Panel, Controls And Damper(s), Add	3,226.86	
For Automatic Roll Filter, Add	48,594.33	
For Direct Expansion Cooling Coil, Copper Fins, Add	48,594.33	
For 2 Coils, Independent Circuits, Add	12,671.05	
For Chilled Water Cooling Coil, Copper Fins, Add	48,594.33	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	39,140.83	
<b>23 73 13 00-0088 Return/Supply Air Fan <small>(23 73 13)</small></b>		
Note: Includes vibration mounts.		
23 73 13 00-0089 EA 300 CFM Return Air Fan.....	1,807.52	323.57
23 73 13 00-0090 EA 500 CFM Return Air Fan.....	2,347.10	388.31
23 73 13 00-0091 EA 750 CFM Return Air Fan.....	2,451.75	404.49
23 73 13 00-0092 EA 1,000 CFM Return Air Fan.....	2,801.92	428.76
23 73 13 00-0093 EA 1,250 CFM Return Air Fan.....	2,886.48	448.99
23 73 13 00-0094 EA 1,500 CFM Return Air Fan.....	2,952.41	469.21
23 73 13 00-0095 EA 1,750 CFM Return Air Fan.....	3,098.50	493.49
23 73 13 00-0096 EA 2,000 CFM Return Air Fan.....	3,448.66	517.76
23 73 13 00-0097 EA 2,250 CFM Return Air Fan.....	3,613.23	542.03
23 73 13 00-0098 EA 2,500 CFM Return Air Fan.....	3,703.59	566.30
23 73 13 00-0099 EA 3,000 CFM Return Air Fan.....	3,919.99	626.98
23 73 13 00-0100 EA 3,500 CFM Return Air Fan.....	4,022.00	659.35
23 73 13 00-0101 EA 4,000 CFM Return Air Fan.....	4,118.11	687.66
23 73 13 00-0102 EA 4,500 CFM Return Air Fan.....	4,238.66	720.08
23 73 13 00-0103 EA 5,000 CFM Return Air Fan.....	4,346.28	756.49
23 73 13 00-0104 EA 5,500 CFM Return Air Fan.....	4,547.53	845.50
23 73 13 00-0105 EA 6,000 CFM Return Air Fan.....	5,162.56	1,003.27
23 73 13 00-0106 EA 6,500 CFM Return Air Fan.....	5,297.37	1,019.45
23 73 13 00-0107 EA 7,000 CFM Return Air Fan.....	5,358.55	1,023.49
23 73 13 00-0108 EA 8,000 CFM Return Air Fan.....	5,641.81	1,039.67
23 73 13 00-0109 EA 9,000 CFM Return Air Fan.....	5,768.57	1,051.82
23 73 13 00-0110 EA 10,000 CFM Return Air Fan.....	6,069.57	1,092.44

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 73 Indoor Central-Station Air-Handling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0111	EA		12,500 CFM Return Air Fan.....	6,468.56	1,112.44
23 73 13 00-0112	EA		15,000 CFM Return Air Fan.....	7,312.44	1,144.04
23 73 13 00-0113	EA		17,500 CFM Return Air Fan.....	7,975.34	1,205.48
23 73 13 00-0114	EA		20,000 CFM Return Air Fan.....	9,497.58	1,257.95
23 73 13 00-0115	EA		22,500 CFM Return Air Fan.....	9,953.91	1,301.82
23 73 13 00-0116	EA		25,000 CFM Return Air Fan.....	10,408.32	1,339.04
23 73 13 00-0117	EA		27,500 CFM Return Air Fan.....	11,028.03	1,472.54
23 73 13 00-0118	EA		30,000 CFM Return Air Fan.....	11,792.49	1,553.33
23 73 13 00-0119	EA		35,000 CFM Return Air Fan.....	13,314.34	1,618.00
23 73 13 00-0120	EA		40,000 CFM Return Air Fan.....	15,698.05	1,779.82
23 73 13 00-0121	EA		45,000 CFM Return Air Fan.....	19,328.65	2,022.55
23 73 13 00-0122	EA		50,000 CFM Return Air Fan.....	23,552.50	2,095.53
23 73 13 00-0123	EA		55,000 CFM Return Air Fan.....	24,656.71	2,156.04
23 73 13 00-0124	EA		60,000 CFM Return Air Fan.....	25,223.33	2,212.68
23 73 13 00-0125	EA		65,000 CFM Return Air Fan.....	26,453.38	2,309.71
23 73 13 00-0126	EA		70,000 CFM Return Air Fan.....	27,785.21	2,423.44
23 73 13 00-0127	EA		75,000 CFM Return Air Fan.....	29,888.96	2,542.33
23 73 13 00-0128	EA		80,000 CFM Return Air Fan.....	31,213.34	2,677.09
23 73 13 00-0129	EA		90,000 CFM Return Air Fan.....	32,225.28	2,829.55
23 73 13 00-0130	EA		100,000 CFM Return Air Fan.....	34,655.05	2,959.06
23 73 13 00-0131	EA		115,000 CFM Return Air Fan.....	37,288.06	3,100.59
23 73 13 00-0132	EA		130,000 CFM Return Air Fan.....	40,145.52	3,256.81
23 73 13 00-0133	EA		150,000 CFM Return Air Fan.....	43,935.74	3,430.29

**23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit (23 73 13)**

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA		Remove And Reinstall Air Handling Unit Up To 11,500 CFM.....	1,481.84	
23 73 13 00-0136	EA		Remove And Reinstall Air Handling Unit, >11,500 To 16,500 CFM.....	2,010.15	
23 73 13 00-0137	EA		Remove And Reinstall Air Handling Unit, >16,500 To 22,000 CFM.....	2,500.61	
23 73 13 00-0138	EA		Remove And Reinstall Air Handling Unit, >22,000 CFM.....	4,562.52	

**23 74 Packaged Outdoor HVAC Equipment (23 70)**

**23 74 13 Packaged, Outdoor, Central-Station Air-Handling Units (23 74)**

Note: Includes throwaway filters, filter rack, and manual outside air damper. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel.

**23 74 13 00-0001 Electric Cooling, Electric Heat, Packaged, Outdoor, Central-Station Air-Handling Units (23 74 13)**

**23 74 13 00-0002 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Unit (23 74 13)**

Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 10.3 EER, >11 to 19 tons have 9.7 EER, >19 to 63 tons have 9.5 EER and >63 tons have 9.2 EER. Excludes crane and associated personnel. See CSI section 26 28 16 00-0001 for disconnects.

23 74 13 00-0003	EA		2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	2,724.93	227.33
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	215.74	
			For Unit Economizer, Add	317.90	
			For Unit Without Heat, Deduct	-340.54	
23 74 13 00-0004	EA		3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	4,009.46	305.27
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	315.81	
			For Unit Economizer, Add	469.05	
			For Unit Without Heat, Deduct	-510.81	
23 74 13 00-0005	EA		4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	4,992.54	350.74
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	391.98	
			For Unit Economizer, Add	585.08	
			For Unit Without Heat, Deduct	-643.66	
23 74 13 00-0006	EA		5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	6,123.76	376.72
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	478.28	
			For Unit Economizer, Add	719.65	
			For Unit Without Heat, Deduct	-804.57	
23 74 13 00-0007	EA		7-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	8,435.32	428.69
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	654.08	
			For Unit Economizer, Add	995.09	
			For Unit Without Heat, Deduct	-1,136.69	
23 74 13 00-0008	EA		10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	12,013.52	480.65
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	948.75	
			For Unit Economizer, Add	1,403.43	
			For Unit Without Heat, Deduct	-1,515.59	
23 74 13 00-0009	EA		12-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	14,649.92	506.62
			Note: Electric load approximately 1/2 the cooling capacity.		
			For Equipment Base Roof Curbs, Add	1,149.24	
			For Unit Economizer, Add	1,717.59	
			For Unit Without Heat, Deduct	-1,894.49	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Packaged Outdoor HVAC Equipment		23 74

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74	13 00-0010	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	17,390.25 1,360.13 2,042.14 -2,273.39	558.58
23 74	13 00-0011	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	21,513.08 1,677.30 2,530.52 -2,844.07	636.52
23 74	13 00-0012	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	26,779.31 2,085.42 3,151.94 -3,555.09	772.92
23 74	13 00-0013	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	32,052.04 2,494.19 3,774.02 -4,266.11	902.83
23 74	13 00-0014	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	37,428.68 2,913.35 4,406.48 -4,977.13	1,065.21
23 74	13 00-0015	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	40,258.57 3,140.20 4,734.38 -5,313.92	1,208.10
23 74	13 00-0016	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	49,595.75 3,852.51 5,845.23 -6,642.41	1,331.51
23 74	13 00-0017	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	56,523.74 4,398.74 6,655.28 -7,521.82	1,591.32
23 74	13 00-0018	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit ..... Note: Electric load approximately 1/2 the cooling capacity. <i>For Equipment Base Roof Curbs, Add</i> <i>For Unit Economizer, Add</i> <i>For Unit Without Heat, Deduct</i>	69,806.97 5,421.45 8,228.10 -9,355.50	1,857.62
23 74	13 00-0019		<b>Electric Cooling, Gas Heat, Packaged, Outdoor, Central-Station Air-Handling Units</b> <small>(23 74 13)</small>		
23 74	13 00-0020		<b>Electric Cooling, Gas Heat, Self Contained Package Rooftop Unit</b> <small>(23 74 13 00-0019)</small> Note: Units up to 5 tons have 13 SEER. Units >5 to 19 tons have 11 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER. Excludes crane and associated personnel.		
23 74	13 00-0021	EA	2 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	3,379.21 400.70 -156.94 -62.78 259.45	116.92
23 74	13 00-0022	EA	3 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	3,281.80 388.36 -150.45 -60.18 252.96	136.40
23 74	13 00-0023	EA	4 Ton Electric Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	3,845.29 455.85 -178.30 -71.32 295.38	142.89
23 74	13 00-0024	EA	5 Ton Electric Cooling, 100 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	4,332.74 512.91 -199.10 -79.64 333.72	175.37
23 74	13 00-0025	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	5,002.72 592.79 -231.30 -92.52 384.62	188.36
23 74	13 00-0026	EA	7.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Equipment Base Roof Curb, Add</i>	6,388.70 758.59 -299.30 -119.72 489.22	201.35

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0027	EA		8.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,119.69	207.85
			<i>For Unit Economizer, Add</i>	846.05	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-335.20	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-134.08	
			<i>For Equipment Base Roof Curb, Add</i>	544.37	
23 74 13 00-0028	EA		10 Ton Electric Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,550.43	214.34
			<i>For Unit Economizer, Add</i>	897.61	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-356.41	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-142.57	
			<i>For Equipment Base Roof Curb, Add</i>	576.84	
23 74 13 00-0029	EA		12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit.....	10,064.32	266.30
			<i>For Unit Economizer, Add</i>	1,197.07	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-476.59	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-190.63	
			<i>For Equipment Base Roof Curb, Add</i>	768.14	
23 74 13 00-0030	EA		15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	12,510.08	318.26
			<i>For Unit Economizer, Add</i>	1,488.48	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-593.68	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-237.47	
			<i>For Equipment Base Roof Curb, Add</i>	954.17	
23 74 13 00-0031	EA		18 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	14,908.27	370.22
			<i>For Unit Economizer, Add</i>	1,774.31	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-708.72	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-283.49	
			<i>For Equipment Base Roof Curb, Add</i>	1,136.47	
23 74 13 00-0032	EA		20 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	17,321.18	415.69
			<i>For Unit Economizer, Add</i>	2,061.78	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-824.17	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-329.67	
			<i>For Equipment Base Roof Curb, Add</i>	1,320.04	
23 74 13 00-0033	EA		25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	17,758.05	532.60
			<i>For Unit Economizer, Add</i>	2,109.66	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-834.64	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-333.86	
			<i>For Equipment Base Roof Curb, Add</i>	1,358.48	
23 74 13 00-0034	EA		30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit.....	18,480.78	649.52
			<i>For Unit Economizer, Add</i>	2,191.71	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-859.09	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-343.64	
			<i>For Equipment Base Roof Curb, Add</i>	1,418.53	
23 74 13 00-0035	EA		40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit.....	25,369.32	779.42
			<i>For Unit Economizer, Add</i>	3,013.27	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,190.85	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-476.34	
			<i>For Equipment Base Roof Curb, Add</i>	1,941.51	
23 74 13 00-0036	EA		50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit.....	31,213.41	974.28
			<i>For Unit Economizer, Add</i>	3,706.64	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,463.24	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-585.30	
			<i>For Equipment Base Roof Curb, Add</i>	2,389.72	
23 74 13 00-0037	EA		60 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit.....	36,341.22	1,058.72
			<i>For Unit Economizer, Add</i>	4,318.60	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,711.19	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-684.48	
			<i>For Equipment Base Roof Curb, Add</i>	2,778.53	
23 74 13 00-0038	EA		80 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit.....	52,004.96	1,273.05
			<i>For Unit Economizer, Add</i>	6,189.80	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-2,473.27	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-989.31	
			<i>For Equipment Base Roof Curb, Add</i>	3,963.86	
23 74 13 00-0039	EA		90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	61,047.95	1,331.51
			<i>For Unit Economizer, Add</i>	7,272.62	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-2,919.57	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-1,167.83	
			<i>For Equipment Base Roof Curb, Add</i>	4,645.01	
23 74 13 00-0040	EA		100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	65,702.91	1,461.42
			<i>For Unit Economizer, Add</i>	7,825.89	
			<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-3,139.00	
			<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-1,255.60	
			<i>For Equipment Base Roof Curb, Add</i>	5,000.79	
23 74 13 00-0041			<b>Gas Cooling, Gas Heat, Self Contained Package Rooftop Unit</b> <small>(23 74 13)</small>		
			Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, >11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER. Excludes crane and associated personnel.		
23 74 13 00-0042	EA		2 Ton Gas Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	3,977.57	175.37
			<i>For Unit Economizer, Add</i>	472.50	
			<i>For Equipment Base Roof Curb, Add</i>	304.33	
23 74 13 00-0043	EA		3 Ton Gas Cooling, 90 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,280.95	201.35
			<i>For Unit Economizer, Add</i>	508.26	
			<i>For Equipment Base Roof Curb, Add</i>	327.89	
23 74 13 00-0044	EA		4 Ton Gas Cooling, 110 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,650.08	207.85
			<i>For Unit Economizer, Add</i>	552.42	
			<i>For Equipment Base Roof Curb, Add</i>	355.74	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Central HVAC Equipment	23 70
Packaged Outdoor HVAC Equipment	23 74



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0045	EA		5 Ton Gas Cooling, 112 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	5,156.68 611.79 395.52	259.81
23 74 13 00-0046	EA		6 Ton Gas Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	7,352.43 874.76 560.85	279.29
23 74 13 00-0047	EA		7.5 Ton Gas Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	9,547.43 1,137.64 726.12	298.78
23 74 13 00-0048	EA		10 Ton Gas Cooling, 270 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	13,393.75 1,598.81 1,015.09	318.26
23 74 13 00-0049	EA		12.5 Ton Gas Cooling, 335 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	15,372.06 1,834.00 1,166.22	396.21
23 74 13 00-0050	EA		15 Ton Gas Cooling, 375 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	17,341.07 2,068.20 1,316.49	474.15
23 74 13 00-0051	EA		18 Ton Gas Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	22,633.36 2,701.32 1,715.85	552.09
23 74 13 00-0052	EA		20 Ton Gas Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	27,928.64 3,334.68 2,115.60	623.54
23 74 13 00-0053	EA		25 Ton Gas Cooling, 525 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	33,318.15 3,976.87 2,525.49	798.91
23 74 13 00-0054	EA		30 Ton Gas Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	39,439.41 4,706.75 2,990.43	974.28
23 74 13 00-0055	EA		40 Ton Gas Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	51,211.64 6,114.35 3,879.68	1,162.64
23 74 13 00-0056	EA		50 Ton Gas Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	62,273.50 7,433.85 4,719.23	1,461.42
23 74 13 00-0057	EA		60 Ton Gas Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	70,377.61 8,402.96 5,331.26	1,591.32
23 74 13 00-0058	EA		80 Ton Gas Cooling, 1,300 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	116,022.17 13,871.87 8,765.15	1,903.09
23 74 13 00-0059	EA		90 Ton Gas Cooling, 1,500 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	136,617.14 16,340.93 10,312.70	1,994.02
23 74 13 00-0060	EA		100 Ton Gas Cooling, 1,700 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	146,951.82 17,575.76 11,094.46	2,188.87
23 74 13 00-0061			<b>Heat Pump, Packaged, Outdoor, Central-Station Air-Handling Units</b> <small>(23 74 13)</small> Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 13 00-0062			<b>Packaged Rooftop Heat Pump Units</b> <small>(23 74 13 00-0061)</small> Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 13 00-0063	EA		2 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	4,317.09 1,061.04 189.22	266.30
23 74 13 00-0064	EA		2.5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	4,515.93 1,112.22 197.54	279.29
23 74 13 00-0065	EA		3 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	4,762.84 1,175.37 207.94	305.27
23 74 13 00-0066	EA		3.5 Ton Packaged Rooftop Heat Pump ..... <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i>	5,113.65 222.88 1,085.81	324.76
23 74 13 00-0067	EA		4 Ton Packaged Rooftop Heat Pump ..... <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i>	5,457.95 237.82 1,159.34	350.74
23 74 13 00-0068	EA		5 Ton Packaged Rooftop Heat Pump ..... <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i>	5,850.47 203.62 1,245.36	376.72
23 74 13 00-0069	EA		6 Ton Packaged Rooftop Heat Pump ..... <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Economizer With Outside Air Control, Add</i>	6,633.44 174.84 1,043.78 1,393.47	402.70

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0070 EA 7.5 Ton Packaged Rooftop Heat Pump .....	8,905.01	422.18
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	241.62	
For Economizer With Outside Air Control, Add	1,311.39	
For Economizer With Outside Air Control, Add	1,391.93	
23 74 13 00-0071 EA 8.5 Ton Packaged Rooftop Heat Pump .....	10,013.06	454.66
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	273.31	
For Economizer With Outside Air Control, Add	1,453.54	
23 74 13 00-0072 EA 10 Ton Packaged Rooftop Heat Pump .....	10,854.63	480.65
For Economizer With Outside Air Control, Add	1,467.38	
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	198.00	
23 74 13 00-0073 EA 12.5 Ton Packaged Rooftop Heat Pump .....	12,761.79	532.60
For Economizer With Outside Air Control, Add	1,702.26	
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	233.93	
23 74 13 00-0074 EA 15 Ton Packaged Rooftop Heat Pump .....	14,662.45	584.56
For Economizer With Outside Air Control, Add	1,933.90	
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	269.87	
23 74 13 00-0075 EA 17.5 Ton Packaged Rooftop Heat Pump .....	16,437.89	610.55
For Economizer With Outside Air Control, Add	2,111.44	
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	305.38	
23 74 13 00-0076 EA 20 Ton Packaged Rooftop Heat Pump .....	18,317.25	636.52
For Economizer With Outside Air Control, Add	2,340.95	
For Upgrade Of Economizer To OS Air Enthalpy Control, Add	340.88	

**23 74 13 00-0077 Heating Only Packaged Rooftop Units (23 74 13)**

Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel.

23 74 13 00-0078 EA 24 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	2,052.70	201.35
For Gas Heat, Add	135.64	
23 74 13 00-0079 EA 32 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	2,422.65	233.82
For Gas Heat, Add	160.23	
23 74 13 00-0080 EA 45 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	3,320.65	240.32
For Gas Heat, Add	222.83	
23 74 13 00-0081 EA 60 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	3,854.06	305.27
For Gas Heat, Add	257.70	
23 74 13 00-0082 EA 95 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	4,561.48	350.74
For Gas Heat, Add	305.27	
23 74 13 00-0083 EA 112 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	5,159.94	376.72
For Gas Heat, Add	346.00	
23 74 13 00-0084 EA 140 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	6,174.91	409.19
For Gas Heat, Add	416.27	
23 74 13 00-0085 EA 170 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	7,990.87	422.18
For Gas Heat, Add	542.34	
23 74 13 00-0086 EA 200 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	10,729.79	480.65
For Gas Heat, Add	731.99	
23 74 13 00-0087 EA 230 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	12,625.21	532.60
For Gas Heat, Add	862.46	
23 74 13 00-0088 EA 270 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	16,641.03	649.52
For Gas Heat, Add	1,138.89	
23 74 13 00-0089 EA 330 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	20,847.35	779.42
For Gas Heat, Add	1,428.27	
23 74 13 00-0090 EA 360 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	26,003.56	974.28
For Gas Heat, Add	1,781.28	
23 74 13 00-0091 EA 450 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	31,527.42	1,065.21
For Gas Heat, Add	2,164.57	
23 74 13 00-0092 EA 540 MBH Electric Heating Only Self Contained Package Rooftop Unit .....	40,704.61	1,273.05
For Gas Heat, Add	2,798.53	

**23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units (23 74)****23 74 23 00-0001 Make-Up Air Units (23 74 23)**

Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel.

**23 74 23 00-0002 Gas-Fired Electric Spark Make-Up Air Units (23 74 23 00-0001)**

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 00-0003 EA 100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	4,014.52	292.29
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,058.22	
For Equipment Base Roof Curb, Add	315.70	
23 74 23 00-0004 EA 300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	5,181.62	331.25
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,387.24	
For Equipment Base Roof Curb, Add	405.35	
23 74 23 00-0005 EA 500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	7,197.41	389.71
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,964.37	
For Equipment Base Roof Curb, Add	559.29	
23 74 23 00-0006 EA 670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	7,261.14	415.69
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,968.87	
For Equipment Base Roof Curb, Add	565.53	
23 74 23 00-0007 EA 800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	9,905.51	467.65
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,737.83	
For Equipment Base Roof Curb, Add	766.30	
23 74 23 00-0008 EA 1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	14,998.65	584.56
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,207.31	
For Equipment Base Roof Curb, Add	1,154.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**23 74 23 00-0009**

**Electric Make-Up Air Units** (23 74 23 00-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 00-0010	EA	33 KW	1/2 HP,	1,200 CFM Make-up Air Unit, Electric.....	8,237.98	
				For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,325.25	
				For Equipment Base Roof Curb, Add	632.46	
23 74 23 00-0011	EA	100 KW	1-1/2 HP,	3,500 CFM Make-up Air Unit, Electric.....	11,773.04	331.25
				For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,364.66	
				For Equipment Base Roof Curb, Add	899.70	
23 74 23 00-0012	EA	150 KW	2 HP,	4,000 CFM Make-up Air Unit, Electric.....	14,584.43	389.71
				For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,180.47	
				For Equipment Base Roof Curb, Add	1,113.32	
23 74 23 00-0013	EA	250 KW	5 HP,	7,500 CFM Make-up Air Unit, Electric.....	18,864.85	467.65
				For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,425.63	
				For Equipment Base Roof Curb, Add	1,438.25	
23 74 23 00-0014	EA	400 KW	10 HP,	10,000 CFM Make-up Air Unit, Electric.....	30,489.52	584.56
				For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	8,854.57	
				For Equipment Base Roof Curb, Add	2,315.94	

**23 74 23 00-0015**

**Direct Gas-Fired Make-Up Air Heaters** (23 74 23)

Note: Direct gas fired heaters supply heated air into a building by passing fresh air directly over a gas flame in the air stream. Includes motorized intake air damper, intake hood, intake plenum, and factory pre-wired packaged control system. Excludes crane and associated personnel.

23 74 23 00-0016	EA	2,000 CFM,	188 MBH Input,	1 HP Direct Gas-Fired Rooftop Heater.....	7,030.87	422.18
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has one 12" blower.		
23 74 23 00-0017	EA	3,000 CFM,	282 MBH Input,	2 HP Direct Gas-Fired Rooftop Heater.....	10,120.87	422.18
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has one 12" blower.		
23 74 23 00-0018	EA	4,000 CFM,	376 MBH Input,	2 HP Direct Gas-Fired Rooftop Heater.....	11,505.21	532.60
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has one 15" blower.		
23 74 23 00-0019	EA	5,000 CFM,	470 MBH Input,	3 HP Direct Gas-Fired Rooftop Heater.....	12,157.71	532.60
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has one 15" blower.		
23 74 23 00-0020	EA	10,000 CFM,	939 MBH Input,	5 HP Direct Gas-Fired Rooftop Heater.....	12,967.39	746.95
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 18" blowers.		
23 74 23 00-0021	EA	12,000 CFM,	1,127 MBH Input,	7.5 HP Direct Gas-Fired Rooftop Heater.....	13,295.39	746.95
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 18" blowers.		
23 74 23 00-0022	EA	18,000 CFM,	1,690 MBH Input,	10 HP Direct Gas-Fired Rooftop Heater.....	14,121.73	850.87
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 22" blowers.		
23 74 23 00-0023	EA	20,000 CFM,	1,878 MBH Input,	15 HP Direct Gas-Fired Rooftop Heater.....	15,501.73	850.87
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 22" blowers.		
23 74 23 00-0024	EA	26,000 CFM,	2,442 MBH Input,	20 HP Direct Gas-Fired Rooftop Heater.....	15,694.93	850.87
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 22" blowers.		
23 74 23 00-0025	EA	28,000 CFM,	2,630 MBH Input,	15 HP Direct Gas-Fired Rooftop Heater.....	16,469.58	954.79
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 27" blowers.		
23 74 23 00-0026	EA	35,000 CFM,	3,287 MBH Input,	20 HP Direct Gas-Fired Rooftop Heater.....	20,109.58	954.79
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 27" blowers.		
23 74 23 00-0027	EA	40,000 CFM,	3,757 MBH Input,	20 HP Direct Gas-Fired Rooftop Heater.....	22,123.92	1,065.21
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 33" blowers.		
23 74 23 00-0028	EA	45,000 CFM,	4,226 MBH Input,	25 HP Direct Gas-Fired Rooftop Heater.....	24,623.92	1,065.21
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 33" blowers.		
23 74 23 00-0029	EA	50,000 CFM,	4,696 MBH Input,	30 HP Direct Gas-Fired Rooftop Heater.....	27,123.92	1,065.21
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 33" blowers.		
23 74 23 00-0030	EA	55,000 CFM,	5,165 MBH Input,	40 HP Direct Gas-Fired Rooftop Heater.....	29,623.92	1,065.21
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 33" blowers.		
23 74 23 00-0031	EA	65,000 CFM,	6,104 MBH Input,	50 HP Direct Gas-Fired Rooftop Heater.....	34,623.92	1,065.21
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 33" blowers.		
23 74 23 00-0032	EA	70,000 CFM,	6,574 MBH Input,	40 HP Direct Gas-Fired Rooftop Heater.....	40,838.26	1,169.13
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 40" blowers.		
23 74 23 00-0033	EA	90,000 CFM,	8,452 MBH Input,	50 HP Direct Gas-Fired Rooftop Heater.....	51,838.26	1,169.13
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 40" blowers.		
23 74 23 00-0034	EA	100,000 CFM,	9,391 MBH Input,	60 HP Direct Gas-Fired Rooftop Heater.....	57,338.26	1,169.13
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 40" blowers.		
23 74 23 00-0035	EA	110,000 CFM,	10,330 MBH Input,	75 HP Direct Gas-Fired Rooftop Heater.....	62,838.26	1,169.13
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 40" blowers.		
23 74 23 00-0036	EA	120,000 CFM,	11,270 MBH Input,	100 HP Direct Gas-Fired Rooftop Heater.....	68,338.26	1,169.13
				Note: MBH input at 80 degree temperature rise and 1-1/2" total static pressure. Unit has two 40" blowers.		

**23 80 Decentralized Unitary HVAC Equipment** (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

**23 81 Decentralized Unitary HVAC Equipment** (23 81)

**23 81 13 Packaged Terminal Air-Conditioners** (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

**23 81 13 00-0001 Removal And Reinstallation Of Thru-Wall A/C Unit** (23 81 13)

Note: Includes storage and cleaning.

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 00-0002	EA		Remove And Reinstall Thru Wall Air Conditioning Unit.....	125.84	
23 81 13 00-0003	EA		Remove And Reinstall Window Air Conditioning Unit In Lower Sash .....	78.66	
23 81 13 00-0004	EA		Remove And Reinstall Window Air Conditioning Unit In Upper Sash .....	173.15	
<b>23 81 13 00-0005</b>			<b>Thru Wall A/C Unit Sleeve</b> <small>(23 81 13)</small>		
			Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.		
23 81 13 00-0006	EA		Up To 10,000 BTU Unit, Thru Wall A/C Sleeve .....	59.81	
23 81 13 00-0007	EA		>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve .....	67.69	
23 81 13 00-0008	EA		>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve .....	75.55	
<b>23 81 13 00-0009</b>			<b>Single Package Vertical Wall Cooling Unit</b> <small>(23 81 13)</small>		
			Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.		
23 81 13 00-0010	EA		1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	2,535.70	143.45
23 81 13 00-0011	EA		1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	4,025.77	150.28
23 81 13 00-0012	EA		1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	5,261.15	157.11
23 81 13 00-0013	EA		2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	6,049.53	170.77
23 81 13 00-0014	EA		2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	7,586.25	198.10
23 81 13 00-0015	EA		3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	8,142.53	245.91
23 81 13 00-0016	EA		3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	9,015.15	273.24
23 81 13 00-0017	EA		4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	9,927.81	307.40
23 81 13 00-0018	EA		5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	11,172.34	368.88
23 81 13 00-0019	EA		7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	14,441.09	457.68
23 81 13 00-0020	EA		10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	17,231.95	614.79
23 81 13 00-0021	EA		15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	24,151.30	751.41
23 81 13 00-0022	EA		20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	27,826.13	894.86
23 81 13 00-0023	EA		25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat .....	33,252.00	1,004.16
<b>23 81 13 00-0024</b>			<b>Packaged Terminal Air-Conditioners</b> <small>(23 81 13)</small>		
<b>23 81 13 00-0025</b>			<b>Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners</b> <small>(23 81 13 00-0024)</small>		
23 81 13 00-0026	EA		7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,037.11	117.98
			For >100, Deduct	-56.08	
			For >35 To 70, Deduct	-24.03	
			For >70 To 100, Deduct	-40.06	
23 81 13 00-0027	EA		9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,111.46	148.50
			For >100, Deduct	-57.04	
			For >35 To 70, Deduct	-24.44	
			For >70 To 100, Deduct	-40.74	
23 81 13 00-0028	EA		11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,176.84	158.26
			For >100, Deduct	-60.20	
			For >35 To 70, Deduct	-25.80	
			For >70 To 100, Deduct	-43.00	
23 81 13 00-0029	EA		14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	1,271.43	170.12
			For >100, Deduct	-65.19	
			For >35 To 70, Deduct	-27.94	
			For >70 To 100, Deduct	-46.57	
<b>23 81 13 00-0030</b>			<b>Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners</b> <small>(23 81 13 00-0024)</small>		
23 81 13 00-0031	EA		7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	1,119.79	131.77
			For >100, Deduct	-59.97	
			For >35 To 70, Deduct	-25.70	
			For >70 To 100, Deduct	-42.84	
23 81 13 00-0032	EA		9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	1,183.91	148.50
			For >100, Deduct	-62.11	
			For >35 To 70, Deduct	-26.62	
			For >70 To 100, Deduct	-44.36	
23 81 13 00-0033	EA		11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	1,229.34	158.26
			For >100, Deduct	-63.87	
			For >35 To 70, Deduct	-27.37	
			For >70 To 100, Deduct	-45.62	
23 81 13 00-0034	EA		14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	1,340.73	170.12
			For >100, Deduct	-70.04	
			For >35 To 70, Deduct	-30.02	
			For >70 To 100, Deduct	-50.03	

**23 81 16 Room Air-Conditioners** (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Decentralized Unitary HVAC Equipment		<b>23 80</b>
Decentralized Unitary HVAC Equipment		<b>23 81</b>

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0001			Window Unit, Room Air-Conditioners <small>(23 81 16)</small>		
23 81 16 00-0002			Cooling Only, Window Unit, Room Air-Conditioners <small>(23 81 16 00-0001)</small>		
23 81 16 00-0003			Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) <small>(23 81 16 00-0002)</small>		
23 81 16 00-0004	EA		5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1) .....	351.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-10.95	
			<i>For &gt;75 To 100, Deduct</i>	-21.90	
			<i>For &gt;100, Deduct</i>	-26.28	
			<i>For &gt;50 To 75, Deduct</i>	-15.33	
23 81 16 00-0005	EA		6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1) .....	452.93	66.07
			<i>For &gt;10 To 50, Deduct</i>	-11.45	
			<i>For &gt;75 To 100, Deduct</i>	-22.90	
			<i>For &gt;100, Deduct</i>	-27.48	
			<i>For &gt;50 To 75, Deduct</i>	-16.03	
23 81 16 00-0006	EA		8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833Q1) .....	411.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-13.95	
			<i>For &gt;75 To 100, Deduct</i>	-27.90	
			<i>For &gt;100, Deduct</i>	-33.48	
			<i>For &gt;50 To 75, Deduct</i>	-19.53	
23 81 16 00-0007	EA		10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033Q1) .....	491.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-17.95	
			<i>For &gt;75 To 100, Deduct</i>	-35.90	
			<i>For &gt;100, Deduct</i>	-43.08	
			<i>For &gt;50 To 75, Deduct</i>	-25.13	
23 81 16 00-0008	EA		12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1) .....	561.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-21.45	
			<i>For &gt;75 To 100, Deduct</i>	-42.90	
			<i>For &gt;100, Deduct</i>	-51.48	
			<i>For &gt;50 To 75, Deduct</i>	-30.03	
23 81 16 00-0009	EA		15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1) .....	721.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-29.45	
			<i>For &gt;75 To 100, Deduct</i>	-58.90	
			<i>For &gt;100, Deduct</i>	-70.68	
			<i>For &gt;50 To 75, Deduct</i>	-41.23	
23 81 16 00-0010	EA		8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1) .....	621.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-24.45	
			<i>For &gt;75 To 100, Deduct</i>	-48.90	
			<i>For &gt;100, Deduct</i>	-58.68	
			<i>For &gt;50 To 75, Deduct</i>	-34.23	
23 81 16 00-0011	EA		10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1) .....	661.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-26.45	
			<i>For &gt;75 To 100, Deduct</i>	-52.90	
			<i>For &gt;100, Deduct</i>	-63.48	
			<i>For &gt;50 To 75, Deduct</i>	-37.03	
23 81 16 00-0012	EA		12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1) .....	711.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-28.95	
			<i>For &gt;75 To 100, Deduct</i>	-57.90	
			<i>For &gt;100, Deduct</i>	-69.48	
			<i>For &gt;50 To 75, Deduct</i>	-40.53	
23 81 16 00-0013	EA		15,100 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1) .....	721.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-29.45	
			<i>For &gt;75 To 100, Deduct</i>	-58.90	
			<i>For &gt;100, Deduct</i>	-70.68	
			<i>For &gt;50 To 75, Deduct</i>	-41.23	
23 81 16 00-0014	EA		18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2) .....	771.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-31.95	
			<i>For &gt;75 To 100, Deduct</i>	-63.90	
			<i>For &gt;100, Deduct</i>	-76.68	
			<i>For &gt;50 To 75, Deduct</i>	-44.73	
23 81 16 00-0015	EA		22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233Q2) .....	831.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-34.95	
			<i>For &gt;75 To 100, Deduct</i>	-69.90	
			<i>For &gt;100, Deduct</i>	-83.88	
			<i>For &gt;50 To 75, Deduct</i>	-48.93	
23 81 16 00-0016	EA		25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533Q2) .....	841.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-35.45	
			<i>For &gt;75 To 100, Deduct</i>	-70.90	
			<i>For &gt;100, Deduct</i>	-85.08	
			<i>For &gt;50 To 75, Deduct</i>	-49.63	
23 81 16 00-0017	EA		28,500 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FRA296ST2) .....	1,001.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-43.45	
			<i>For &gt;75 To 100, Deduct</i>	-86.90	
			<i>For &gt;100, Deduct</i>	-104.28	
			<i>For &gt;50 To 75, Deduct</i>	-60.83	
23 81 16 00-0018			Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) <small>(23 81 16 00-0002)</small>		
23 81 16 00-0019	EA		8,000 BTU, 11.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10B) .....	868.33	66.07
23 81 16 00-0020	EA		9,700 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10B) .....	894.62	66.07

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0021	EA		12,000 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10B).....	920.92	66.07
23 81 16 00-0022	EA		13,500 BTU, 10.8 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS14N10A).....	999.79	66.07
23 81 16 00-0023	EA		12,100 BTU, 11.3 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30B).....	920.92	66.07
23 81 16 00-0024	EA		15,200 BTU, 10.7 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS16N30).....	973.50	66.07
23 81 16 00-0025	EA		17,200 BTU, 10.7 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30).....	999.79	66.07
23 81 16 00-0026	EA		23,200 BTU, 8.5 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM24N30A).....	1,131.26	66.07
23 81 16 00-0027	EA		27,600 BTU, 9.6 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30B).....	1,367.89	66.07
23 81 16 00-0028	EA		35,500 BTU, 9 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B).....	1,578.23	66.07
23 81 16 00-0029			<b>Heating And Cooling, Window Unit, Room Air-Conditioners</b> <small>(23 81 16 00-0001)</small>		
23 81 16 00-0030			<b>Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire)</b> <small>(23 81 16 00-0029)</small>		
23 81 16 00-0031	EA		8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FRA12EZU2).....	691.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-27.95	
			<i>For &gt;75 To 100, Deduct</i>	-55.90	
			<i>For &gt;100, Deduct</i>	-67.08	
			<i>For &gt;50 To 75, Deduct</i>	-39.13	
23 81 16 00-0032	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222Q2).....	921.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-39.45	
			<i>For &gt;75 To 100, Deduct</i>	-78.90	
			<i>For &gt;100, Deduct</i>	-94.68	
			<i>For &gt;50 To 75, Deduct</i>	-55.23	
23 81 16 00-0033	EA		18,000 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822Q2).....	881.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-37.45	
			<i>For &gt;75 To 100, Deduct</i>	-74.90	
			<i>For &gt;100, Deduct</i>	-89.88	
			<i>For &gt;50 To 75, Deduct</i>	-52.43	
23 81 16 00-0034	EA		25,000 BTU, 9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522Q2).....	1,101.14	66.07
			<i>For &gt;10 To 50, Deduct</i>	-48.45	
			<i>For &gt;75 To 100, Deduct</i>	-96.90	
			<i>For &gt;100, Deduct</i>	-116.28	
			<i>For &gt;50 To 75, Deduct</i>	-67.83	
23 81 16 00-0035			<b>Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich)</b> <small>(23 81 16 00-0029)</small>		
23 81 16 00-0036	EA		7,900 BTU, 11.2 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EQ08N11B).....	891.14	66.07
23 81 16 00-0037	EA		12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B).....	1,231.14	66.07
23 81 16 00-0038	EA		15,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES16N33).....	1,311.14	66.07
23 81 16 00-0039	EA		17,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM18N34).....	1,431.14	66.07
23 81 16 00-0040	EA		23,500 BTU, 8.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM24N34).....	1,571.14	66.07
23 81 16 00-0041	EA		36,000 BTU, 9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM36N35B).....	2,181.14	66.07
23 81 16 00-0042			<b>Accessories</b> <small>(23 81 16 00-0001)</small>		
23 81 16 00-0043	SET		Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	314.23	38.35
23 81 16 00-0044			<b>Through-The-Wall, Room Air-Conditioners</b> <small>(23 81 16)</small> Note: Base unit excludes wall sleeve.		
23 81 16 00-0045			<b>Cooling Only, Through-The-Wall, Room Air-Conditioners</b> <small>(23 81 16 00-0044)</small>		
23 81 16 00-0046			<b>Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich)</b> <small>(23 81 16 00-0045)</small>		
23 81 16 00-0047	EA		8,000 BTU, 10.4 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	773.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-33.95	
			<i>For &gt;75 To 100, Deduct</i>	-67.90	
			<i>For &gt;100, Deduct</i>	-81.48	
			<i>For &gt;50 To 75, Deduct</i>	-47.53	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 16 00-0048	EA		9,700 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	823.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-36.45	
			<i>For &gt;75 To 100, Deduct</i>	-72.90	
			<i>For &gt;100, Deduct</i>	-87.48	
			<i>For &gt;50 To 75, Deduct</i>	-51.03	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 16 00-0049	EA		11,500 BTU, 8.6 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	943.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-42.45	
			<i>For &gt;75 To 100, Deduct</i>	-84.90	
			<i>For &gt;100, Deduct</i>	-101.88	
			<i>For &gt;50 To 75, Deduct</i>	-59.43	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Decentralized Unitary HVAC Equipment	23 80
Decentralized Unitary HVAC Equipment	23 81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0050	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D) .....	823.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-36.45	
			<i>For &gt;75 To 100, Deduct</i>	-72.90	
			<i>For &gt;100, Deduct</i>	-87.48	
			<i>For &gt;50 To 75, Deduct</i>	-51.03	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 16 00-0051	EA		11,500 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D) .....	943.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-42.45	
			<i>For &gt;75 To 100, Deduct</i>	-84.90	
			<i>For &gt;100, Deduct</i>	-101.88	
			<i>For &gt;50 To 75, Deduct</i>	-59.43	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 16 00-0052	EA		15,600 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D) .....	993.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-44.95	
			<i>For &gt;75 To 100, Deduct</i>	-89.90	
			<i>For &gt;100, Deduct</i>	-107.88	
			<i>For &gt;50 To 75, Deduct</i>	-62.93	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
<b>23 81 16 00-0053</b>			<b>Heating And Cooling, Through-The-Wall, Room Air-Conditioners</b> <small>(23 81 16 00-0044)</small>		
<b>23 81 16 00-0054</b>			<b>Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich)</b> <small>(23 81 16 00-0053)</small>		
23 81 16 00-0055	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10C33D) .....	993.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-44.95	
			<i>For &gt;75 To 100, Deduct</i>	-89.90	
			<i>For &gt;100, Deduct</i>	-107.88	
			<i>For &gt;50 To 75, Deduct</i>	-62.93	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 16 00-0056	EA		11,500 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12C33D) .....	1,043.38	47.20
			<i>For &gt;10 To 50, Deduct</i>	-47.45	
			<i>For &gt;75 To 100, Deduct</i>	-94.90	
			<i>For &gt;100, Deduct</i>	-113.88	
			<i>For &gt;50 To 75, Deduct</i>	-66.43	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
<b>23 81 23</b>			<b>Computer-Room Air-Conditioners</b> <small>(23 81)</small>		
			Note: Includes equipment rigging. Indoor units include filters.		
23 81 23 00-0001			<b>Floor Mounted Air Cooled Direct Expansion Type</b> <small>(23 81 23)</small>		
			Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
23 81 23 00-0002	EA		3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	19,134.54	1,343.04
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	2,139.72	
23 81 23 00-0003	EA		5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	21,118.58	1,468.94
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	2,362.87	
23 81 23 00-0004	EA		6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	29,213.07	1,678.79
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	3,339.52	
23 81 23 00-0005	EA		10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	34,734.03	1,888.64
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	3,990.62	
23 81 23 00-0006	EA		16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	38,925.62	2,266.36
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	4,438.24	
23 81 23 00-0007	EA		20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	43,977.16	2,518.19
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	5,028.97	
23 81 23 00-0008	EA		24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	46,155.63	2,686.07
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	5,265.26	
23 81 23 00-0009	EA		30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type .....	54,178.00	3,021.82
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	6,210.44	
23 81 23 00-0010			<b>Floor Mounted Chilled Water Type</b> <small>(23 81 23)</small>		
			Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for chilled water source.		
23 81 23 00-0011	EA		3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	12,926.78	920.25
			<i>For Liebert Unit, Add</i>	1,462.47	
23 81 23 00-0012	EA		5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	13,892.07	1,019.36
			<i>For Liebert Unit, Add</i>	1,566.62	
23 81 23 00-0013	EA		12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	17,188.65	1,552.63
			<i>For Liebert Unit, Add</i>	1,889.81	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81	23 00-0014	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	17,969.70	1,573.08
			<i>For Liebert Unit, Add</i>	1,984.06	
23 81	23 00-0015	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	18,660.63	1,636.00
			<i>For Liebert Unit, Add</i>	2,058.86	
23 81	23 00-0016	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	19,101.36	1,793.31
			<i>For Liebert Unit, Add</i>	2,088.78	
23 81	23 00-0017	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source .....	20,263.31	1,950.62
			<i>For Liebert Unit, Add</i>	2,208.47	
<b>23 81</b>	<b>23 00-0018</b>		<b>Floor Mounted Water Source <sup>(23 81 23)</sup></b>		
			Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.		
23 81	23 00-0019	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	10,015.41	839.39
			<i>For Liebert Unit, Add</i>	1,095.12	
23 81	23 00-0020	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	11,021.94	881.36
			<i>For Liebert Unit, Add</i>	1,213.06	
23 81	23 00-0021	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	14,285.46	923.34
			<i>For Liebert Unit, Add</i>	1,613.20	
23 81	23 00-0022	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	15,395.33	1,007.28
			<i>For Liebert Unit, Add</i>	1,735.34	
23 81	23 00-0023	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	17,004.00	1,091.21
			<i>For Liebert Unit, Add</i>	1,920.67	
23 81	23 00-0024	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	17,672.01	1,175.15
			<i>For Liebert Unit, Add</i>	1,988.06	
23 81	23 00-0025	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	18,451.14	1,259.10
			<i>For Liebert Unit, Add</i>	2,072.30	
23 81	23 00-0026	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	18,974.02	1,343.04
			<i>For Liebert Unit, Add</i>	2,122.85	
23 81	23 00-0027	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	21,702.50	1,594.85
			<i>For Liebert Unit, Add</i>	2,414.88	
<b>23 81</b>	<b>23 00-0028</b>		<b>Floor Mounted Glycol System Type <sup>(23 81 23)</sup></b>		
			Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for water source.		
23 81	23 00-0029	EA	3 Ton Computer Room Air Conditioner, Glycol System Type .....	18,636.60	920.25
			<i>For Liebert Unit, Add</i>	2,176.20	
23 81	23 00-0030	EA	5 Ton Computer Room Air Conditioner, Glycol System Type .....	20,064.16	1,019.36
			<i>For Liebert Unit, Add</i>	2,338.13	
23 81	23 00-0031	EA	6 Ton Computer Room Air Conditioner, Glycol System Type .....	30,905.65	1,142.06
			<i>For Liebert Unit, Add</i>	3,672.86	
23 81	23 00-0032	EA	9 Ton Computer Room Air Conditioner, Glycol System Type .....	31,900.41	1,264.76
			<i>For Liebert Unit, Add</i>	3,776.76	
23 81	23 00-0033	EA	10 Ton Computer Room Air Conditioner, Glycol System Type .....	34,145.68	1,387.46
			<i>For Liebert Unit, Add</i>	4,036.97	
23 81	23 00-0034	EA	16 Ton Computer Room Air Conditioner, Glycol System Type .....	40,858.32	1,573.08
			<i>For Liebert Unit, Add</i>	4,843.80	
23 81	23 00-0035	EA	20 Ton Computer Room Air Conditioner, Glycol System Type .....	44,788.96	1,636.00
			<i>For Liebert Unit, Add</i>	5,324.90	
23 81	23 00-0036	EA	22 Ton Computer Room Air Conditioner, Glycol System Type .....	46,457.98	1,793.31
			<i>For Liebert Unit, Add</i>	5,508.36	
23 81	23 00-0037	EA	30 Ton Computer Room Air Conditioner, Glycol System Type .....	56,561.60	1,950.62
			<i>For Liebert Unit, Add</i>	6,745.75	
<b>23 81</b>	<b>23 00-0038</b>		<b>Ceiling Mounted Packaged Computer Room Air Conditioner <sup>(23 81 23)</sup></b>		
			Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81	23 00-0039	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System .....	7,572.72	398.93
			<i>For Liebert Unit, Add</i>	871.82	
23 81	23 00-0040	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System .....	8,378.18	479.10
			<i>For Liebert Unit, Add</i>	957.49	
23 81	23 00-0041	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System .....	9,576.19	599.59
			<i>For Liebert Unit, Add</i>	1,084.66	
23 81	23 00-0042	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System .....	11,760.83	699.52
			<i>For Liebert Unit, Add</i>	1,339.01	
23 81	23 00-0043	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System .....	15,921.68	760.30
			<i>For Liebert Unit, Add</i>	1,847.72	
<b>23 81</b>	<b>23 00-0044</b>		<b>Removal And Reinstallation Of Computer Room Unit <sup>(23 81 23)</sup></b>		
			Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81	23 00-0045	EA	Remove And Reinstall Computer Room Unit, Chilled Water .....	1,258.46	
23 81	23 00-0046	EA	Remove And Reinstall Computer Room Unit, Direct Expansion.....	1,048.72	
<b>23 81</b>	<b>26</b>		<b>Split-System Air-Conditioners <sup>(23 81)</sup></b>		
23 81	26 00-0001		<b>Split System A/C Unit <sup>(23 81 26)</sup></b>		
			See CSI section 23 23 16 00-0001 for piping.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0002				<b>Ductless Split System Air Conditioners</b> <small>(23 81 26 00-0001)</small> Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.		
23 81 26 00-0003				<b>Wall Mounted Ductless Split System Air Conditioners</b> <small>(23 81 26 00-0002)</small>		
23 81 26 00-0004	EA			9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 1,597.04 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,597.04	207.65
23 81 26 00-0005	EA			11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner ..... 1,724.28 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,724.28	226.52
23 81 26 00-0006	EA			17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 2,177.24 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,177.24	251.70
23 81 26 00-0007	EA			24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 2,417.18 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,417.18	276.86
23 81 26 00-0008	EA			25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 3,826.23 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,826.23	302.03
23 81 26 00-0009	EA			29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 4,485.22 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,485.22	314.61
23 81 26 00-0010	EA			31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners ..... 4,929.06 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,929.06	335.38
23 81 26 00-0011				<b>Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners</b> <small>(23 81 26 00-0002)</small> Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 00-0012	EA			7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 679.74 Note: Includes indoor unit and wireless thermostat.	679.74	100.68
23 81 26 00-0013	EA			9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 716.77 Note: Includes indoor unit and wireless thermostat.	716.77	106.97
23 81 26 00-0014	EA			11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 754.54 Note: Includes indoor unit and wireless thermostat.	754.54	113.26
23 81 26 00-0015	EA			17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 859.15 Note: Includes indoor unit and wireless thermostat.	859.15	119.56
23 81 26 00-0016	EA			24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 919.67 Note: Includes indoor unit and wireless thermostat.	919.67	125.84
23 81 26 00-0017	EA			19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 1,975.68 Note: Includes outdoor unit and refrigerant charge.	1,975.68	151.02
23 81 26 00-0018	EA			25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 2,187.09 Note: Includes outdoor unit and refrigerant charge.	2,187.09	163.60
23 81 26 00-0019	EA			30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... 3,529.67 Note: Includes outdoor unit and refrigerant charge.	3,529.67	176.19
23 81 26 00-0020				<b>Suspended Ceiling Mounted Ductless Split System Air Conditioners</b> <small>(23 81 26 00-0002)</small> Note: Excludes hangers.		
23 81 26 00-0021	EA			24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... 4,115.14 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,115.14	302.03
23 81 26 00-0022	EA			31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... 5,014.33 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,014.33	360.55
23 81 26 00-0023	EA			39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... 6,173.27 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,173.27	377.54
23 81 26 00-0024				<b>Recessed Ceiling Mounted Ductless Split System Air Conditioners</b> <small>(23 81 26 00-0002)</small> Note: Excludes hangers.		
23 81 26 00-0025	EA			11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... 2,474.72 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,474.72	251.70
23 81 26 00-0026	EA			17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... 2,895.35 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,895.35	276.86
23 81 26 00-0027	EA			24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... 4,067.89 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,067.89	327.20
23 81 26 00-0028	EA			32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... 4,720.52 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,720.52	360.55
23 81 26 00-0029	EA			39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... 6,026.36 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,026.36	377.54
23 81 26 00-0030				<b>Ductless Split System Accessories</b> <small>(23 81 26 00-0002)</small>		
23 81 26 00-0031	LF			3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 7.23	7.23	0.90
23 81 26 00-0032	LF			4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 9.29	9.29	0.99
23 81 26 00-0033	LF			6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 11.58	11.58	1.09
23 81 26 00-0034	EA			3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 12.12	12.12	1.69
23 81 26 00-0035	EA			4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 20.83	20.83	1.86
23 81 26 00-0036	EA			6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 23.73	23.73	2.05
23 81 26 00-0037	EA			3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 30.12	30.12	3.39
23 81 26 00-0038	EA			4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 49.85	49.85	3.72
23 81 26 00-0039	EA			6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 55.65	55.65	4.09
23 81 26 00-0040	EA			3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 40.15	40.15	3.61
23 81 26 00-0041	EA			4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 47.10	47.10	3.97
23 81 26 00-0042	EA			6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 72.85	72.85	4.37
23 81 26 00-0043	EA			3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 30.12	30.12	3.39
23 81 26 00-0044	EA			4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 49.85	49.85	3.72
23 81 26 00-0045	EA			6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers ..... 55.65	55.65	4.09

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0046	EA		3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	39.29	5.64
23 81 26 00-0047	EA		4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	57.37	6.20
23 81 26 00-0048	EA		6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	68.60	6.82
23 81 26 00-0049	EA		2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	22.12	1.13
23 81 26 00-0050	EA		3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	24.27	3.39
23 81 26 00-0051	EA		4" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	39.32	3.72
23 81 26 00-0052	EA		3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	21.93	3.39
23 81 26 00-0053	EA		4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	29.97	3.72
23 81 26 00-0054	EA		6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	32.27	4.09
23 81 26 00-0055	EA		4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	106.03	4.51
23 81 26 00-0056	EA		6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers.....	120.26	4.96
23 81 26 00-0057	EA		14" Condensing Unit Mounting Blocks With End Caps.....	67.61	16.92
23 81 26 00-0058	EA		17" Condensing Unit Mounting Blocks With End Caps.....	74.53	18.03
23 81 26 00-0059	EA		36" Condensing Unit Mounting Blocks With End Caps.....	101.33	19.16
23 81 26 00-0060	EA		End Cap, Set of 4.....	11.68	
23 81 26 00-0061	EA		18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity.....	143.48	33.82
23 81 26 00-0062	EA		21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity.....	152.32	36.08
23 81 26 00-0063	LF		5/8" ID Condensate Drain Line.....	1.57	0.09
23 81 26 00-0064	LF		3/4" ID Condensate Drain Line.....	1.62	0.09
<b>23 81 26 00-0065</b>			<b>Cased A/C Evaporator Coils (23 81 26 00-0001)</b>		
<b>23 81 26 00-0066</b>			<b>Vertical Cased A/C Evaporator Coils (23 81 26 00-0065)</b>		
23 81 26 00-0067	EA		1-1/2 Ton Vertical Cased A/C Evaporator Coil.....	377.76	69.72
23 81 26 00-0068	EA		2 Ton Vertical Cased A/C Evaporator Coil.....	394.88	74.94
23 81 26 00-0069	EA		2-1/2 Ton Vertical Cased A/C Evaporator Coil.....	466.35	80.18
23 81 26 00-0070	EA		3 Ton Vertical Cased A/C Evaporator Coil.....	529.24	85.40
23 81 26 00-0071	EA		3-1/2 Ton Vertical Cased A/C Evaporator Coil.....	608.66	88.89
23 81 26 00-0072	EA		4 Ton Vertical Cased A/C Evaporator Coil.....	676.64	92.38
23 81 26 00-0073	EA		4-1/2 Ton Vertical Cased A/C Evaporator Coil.....	726.81	99.35
23 81 26 00-0074	EA		5 Ton Vertical Cased A/C Evaporator Coil.....	733.47	104.58
<b>23 81 26 00-0075</b>			<b>"A" Style Horizontal Cased A/C Evaporator Coils (23 81 26 00-0065)</b>		
23 81 26 00-0076	EA		2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	457.50	71.47
23 81 26 00-0077	EA		2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	523.64	75.47
23 81 26 00-0078	EA		3 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	597.22	80.18
23 81 26 00-0079	EA		3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	618.94	83.07
23 81 26 00-0080	EA		4 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	648.07	87.15
23 81 26 00-0081	EA		4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	657.23	91.68
23 81 26 00-0082	EA		5 Ton "A" Style Horizontal Cased A/C Evaporator Coil.....	666.20	96.21
<b>23 81 26 00-0083</b>			<b>Slab Style Horizontal Cased A/C Evaporator Coils (23 81 26 00-0065)</b>		
23 81 26 00-0084	EA		2 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	403.16	71.47
23 81 26 00-0085	EA		3 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	481.87	80.18
23 81 26 00-0086	EA		4 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	554.65	87.15
23 81 26 00-0087	EA		5 Ton Slab Style Horizontal Cased A/C Evaporator Coil.....	665.25	96.21
<b>23 81 26 00-0088</b>			<b>Mitsubishi City Multi, Variable Refrigerant Flow (23 81 26 00-0001)</b>		
<b>23 81 26 00-0089</b>			<b>Outdoor Units (23 81 26 00-0088)</b>		
23 81 26 00-0090	EA		6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A).....	12,863.57	330.35
23 81 26 00-0091	EA		8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A).....	13,918.07	393.27
23 81 26 00-0092	EA		10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A).....	15,637.15	471.92
23 81 26 00-0093	EA		12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A).....	19,336.94	487.65
23 81 26 00-0094	EA		12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A).....	25,790.08	503.38
23 81 26 00-0095	EA		14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A).....	26,750.19	519.12
23 81 26 00-0096	EA		16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A).....	27,710.30	534.85
23 81 26 00-0097	EA		18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A).....	29,335.01	566.31
23 81 26 00-0098	EA		20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A).....	30,959.70	597.77
23 81 26 00-0099	EA		22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A).....	34,690.95	629.23
23 81 26 00-0100	EA		24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A).....	38,422.21	660.69
<b>23 81 26 00-0101</b>			<b>Indoor Units (23 81 26 00-0088)</b>		
23 81 26 00-0102	EA		6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2).....	1,113.17	102.25
23 81 26 00-0103	EA		8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2).....	1,168.86	110.11
23 81 26 00-0104	EA		12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2).....	1,218.26	117.98
23 81 26 00-0105	EA		15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2).....	1,278.16	125.84
23 81 26 00-0106	EA		18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2).....	1,378.98	149.44
23 81 26 00-0107	EA		24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2).....	1,534.46	180.90
23 81 26 00-0108	EA		30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2).....	1,661.62	196.64
23 81 26 00-0109	EA		6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E2).....	1,627.92	112.47
23 81 26 00-0110	EA		8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E2).....	1,683.08	121.13
23 81 26 00-0111	EA		12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E2).....	1,774.01	129.78
23 81 26 00-0112	EA		15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E2).....	1,925.93	138.43
23 81 26 00-0113	EA		18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E2).....	2,025.17	164.38
23 81 26 00-0114	EA		24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E2).....	2,215.33	198.99



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0115 EA 27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E2).....	2,330.44	207.65
23 81 26 00-0116 EA 30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E2).....	2,458.17	216.30
23 81 26 00-0117 EA 36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E2).....	2,727.55	237.92
23 81 26 00-0118 EA 48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E2).....	3,024.38	261.72
23 81 26 00-0119 EA 54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E2).....	3,271.29	287.90
23 81 26 00-0120 EA 72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E).....	4,167.07	316.68
23 81 26 00-0121 EA 96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E).....	4,735.23	348.35
23 81 26 00-0122 EA 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NBMU-ER2).....	1,813.97	129.78
23 81 26 00-0123 EA 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NBMU-ER2).....	1,912.25	138.43
23 81 26 00-0124 EA 18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P18NBMU-ER2).....	2,011.50	164.38
23 81 26 00-0125 EA 24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P24NBMU-ER2).....	2,248.98	198.99
23 81 26 00-0126 EA 30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P30NBMU-ER2).....	2,421.36	216.30
23 81 26 00-0127 EA 36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P36NBMU-ER2).....	2,969.44	237.93
23 81 26 00-0128 EA 6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5).....	1,665.78	112.47
23 81 26 00-0129 EA 8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5).....	1,750.39	121.13
23 81 26 00-0130 EA 12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5).....	1,881.28	129.78
23 81 26 00-0131 EA 15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5).....	1,979.56	138.43
23 81 26 00-0132 EA 8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4).....	1,534.79	121.13
23 81 26 00-0133 EA 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4).....	1,612.05	129.78
23 81 26 00-0134 EA 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4).....	1,693.50	138.43
<b>23 81 26 00-0135 Controllers For Outdoor Units (23 81 26 00-0088)</b>		
23 81 26 00-0136 EA 8 Branch (Main BC) (Mitsubishi CMB-P108NU-GA).....	5,738.59	94.38
23 81 26 00-0137 EA 10 Branch (Main BC) (Mitsubishi CMB-P1010NU-GA).....	6,620.88	110.11
23 81 26 00-0138 EA 13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA).....	7,678.81	125.84
23 81 26 00-0139 EA 16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA).....	9,117.43	141.58
23 81 26 00-0140 EA 4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB).....	3,346.15	62.93
23 81 26 00-0141 EA 8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB).....	5,155.95	94.38
23 81 26 00-0142 EA 16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB).....	7,882.73	141.58
23 81 26 00-0143 EA ME Remote Controller (Mitsubishi PAR-F27MEA-US).....	418.21	12.58
23 81 26 00-0144 EA AG-150 Standard Package (Mitsubishi AG-150A-Standard).....	4,649.20	12.58
23 81 26 00-0145 EA GB-50ADA Standard Package (Mitsubishi GB-50ADA-A).....	2,821.35	12.58
<b>23 81 26 00-0146 Energy Recovery Units (23 81 26 00-0088)</b>		
23 81 26 00-0147 EA 36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NNU-E-AU).....	4,240.97	94.38
23 81 26 00-0148 EA 39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NNU-E-BU).....	8,063.90	94.38
23 81 26 00-0149 EA 112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR).....	8,173.19	110.11
23 81 26 00-0150 EA Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E).....	1,671.76	78.66
23 81 26 00-0151 EA Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E).....	2,138.69	81.80
23 81 26 00-0152 EA Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E).....	2,556.20	84.95
23 81 26 00-0153 EA Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX3-E).....	4,687.94	94.38
<b>23 81 26 00-0154 Piping Specialties (23 81 26 00-0088)</b>		
23 81 26 00-0155 EA Maintenance Tool Interface (Mitsubishi CMS-MNG-E).....	599.47	
23 81 26 00-0156 EA Branch Joint (Mitsubishi CMY-Y102SS-G2).....	151.43	25.58
23 81 26 00-0157 EA Branch Joint (Mitsubishi CMY-Y102LS-G2).....	151.43	25.58
23 81 26 00-0158 EA Branch Joint (Mitsubishi CMY-Y202S-G2).....	168.48	26.92
23 81 26 00-0159 EA Branch Joint (Mitsubishi CMY-Y302S-G2).....	212.01	30.29
23 81 26 00-0160 EA Header - 4 Branch (Mitsubishi CMY-Y64-G-E).....	275.74	43.75
23 81 26 00-0161 EA Header - 8 Branch (Mitsubishi CMY-Y68-G-E).....	464.20	87.49
23 81 26 00-0162 EA Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFS).....	77.28	10.77
23 81 26 00-0163 EA Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFS).....	86.40	14.81

**23 81 43 Air-Source Unitary Heat Pumps (23 81)**

**23 81 43 00-0001 Single Package Thru-Wall Heat Pumps (23 81 43)**

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel.

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81	43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	1,716.34	102.47
			<i>For &gt;100, Deduct</i>	-106.28	
			<i>For &gt;70 To 100, Deduct</i>	-75.91	
			<i>For &gt;35 To 70, Deduct</i>	-45.55	
			<i>For Unit Economizer, Add</i>	202.00	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	186.17	
23 81	43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	1,898.70	109.30
			<i>For &gt;100, Deduct</i>	-118.09	
			<i>For &gt;70 To 100, Deduct</i>	-84.35	
			<i>For &gt;35 To 70, Deduct</i>	-50.61	
			<i>For Unit Economizer, Add</i>	223.61	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	204.76	
23 81	43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,315.72	109.30
			<i>For &gt;100, Deduct</i>	-217.28	
			<i>For &gt;70 To 100, Deduct</i>	-155.20	
			<i>For &gt;35 To 70, Deduct</i>	-93.12	
			<i>For Unit Economizer, Add</i>	393.65	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	332.30	
23 81	43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,633.03	109.30
			<i>For &gt;100, Deduct</i>	-238.53	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	158.58	
			<i>For &gt;70 To 100, Deduct</i>	-170.38	
			<i>For &gt;35 To 70, Deduct</i>	-102.23	
			<i>For Unit Economizer, Add</i>	431.46	
23 81	43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,119.05	116.13
			<i>For &gt;100, Deduct</i>	-271.60	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	176.17	
			<i>For &gt;70 To 100, Deduct</i>	-194.00	
			<i>For &gt;35 To 70, Deduct</i>	-116.40	
			<i>For Unit Economizer, Add</i>	489.50	
23 81	43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,321.48	122.96
			<i>For &gt;100, Deduct</i>	-285.77	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	590.48	
			<i>For &gt;70 To 100, Deduct</i>	-204.12	
			<i>For &gt;35 To 70, Deduct</i>	-122.47	
			<i>For Unit Economizer, Add</i>	513.80	
23 81	43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,874.96	122.96
			<i>For &gt;100, Deduct</i>	-323.55	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	664.07	
			<i>For &gt;70 To 100, Deduct</i>	-231.11	
			<i>For &gt;35 To 70, Deduct</i>	-138.67	
			<i>For Unit Economizer, Add</i>	579.94	
23 81	43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,387.87	129.79
			<i>For &gt;100, Deduct</i>	-358.98	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	731.57	
			<i>For &gt;70 To 100, Deduct</i>	-256.41	
			<i>For &gt;35 To 70, Deduct</i>	-153.85	
			<i>For Unit Economizer, Add</i>	641.35	
23 81	43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,204.84	150.28
			<i>For &gt;100, Deduct</i>	-413.30	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	842.70	
			<i>For &gt;70 To 100, Deduct</i>	-295.21	
			<i>For &gt;35 To 70, Deduct</i>	-177.13	
			<i>For Unit Economizer, Add</i>	738.57	
23 81	43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	11,462.09	177.61
			<i>For &gt;100, Deduct</i>	-777.00	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,533.52	
			<i>For &gt;70 To 100, Deduct</i>	-555.00	
			<i>For &gt;35 To 70, Deduct</i>	-333.00	
			<i>For Unit Economizer, Add</i>	1,368.21	
23 81	43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	14,762.91	225.42
			<i>For &gt;100, Deduct</i>	-1,001.37	
			<i>For &gt;70 To 100, Deduct</i>	-715.26	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	257.47	
			<i>For &gt;35 To 70, Deduct</i>	-429.16	
			<i>For Unit Economizer, Add</i>	1,762.40	
23 81	43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	18,049.64	252.75
			<i>For &gt;100, Deduct</i>	-1,228.09	
			<i>For &gt;70 To 100, Deduct</i>	-877.21	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	301.81	
			<i>For &gt;35 To 70, Deduct</i>	-526.32	
			<i>For Unit Economizer, Add</i>	2,155.85	
23 81	43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	22,294.74	286.90
			<i>For &gt;100, Deduct</i>	-1,520.94	
			<i>For &gt;70 To 100, Deduct</i>	-1,086.39	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	359.02	
			<i>For &gt;35 To 70, Deduct</i>	-651.83	
			<i>For Unit Economizer, Add</i>	2,664.03	
23 81	43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	29,765.07	307.40
			<i>For &gt;100, Deduct</i>	-2,040.52	
			<i>For &gt;70 To 100, Deduct</i>	-1,457.51	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	445.20	
			<i>For &gt;35 To 70, Deduct</i>	-874.51	
			<i>For Unit Economizer, Add</i>	3,559.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0016 EA 25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat..... <i>For &gt;100, Deduct</i> <i>For &gt;70 To 100, Deduct</i> <i>For Low Ambient Protection, 0 Degree F, Add</i> <i>For &gt;35 To 70, Deduct</i> <i>For Unit Economizer, Add</i>	35,892.70 -2,465.63 -1,761.16 519.59 -1,056.70 4,293.74	334.72
<b>23 81 43 00-0017 Single Package Vertical Wall Heat Pumps</b> <small>(23 81 43)</small> Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.		
23 81 43 00-0018 EA 1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	2,645.65	136.62
23 81 43 00-0019 EA 1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	3,233.06	150.28
23 81 43 00-0020 EA 1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	4,215.73	157.11
23 81 43 00-0021 EA 2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	4,842.30	170.77
23 81 43 00-0022 EA 2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	6,069.95	198.10
23 81 43 00-0023 EA 3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	6,474.77	225.42
23 81 43 00-0024 EA 3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	7,020.74	252.75
23 81 43 00-0025 EA 4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	7,904.14	280.07
23 81 43 00-0026 EA 5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	8,893.19	334.72
<b>23 81 43 00-0027 Heat Pump, Room Air-Conditioners</b> <small>(23 81 43)</small> Note: Includes throwaway filters and supplemental heat.		
<b>23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners</b> <small>(23 81 43 00-0027)</small>		
<b>23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich)</b> <small>(23 81 43 00-0028)</small>		
23 81 43 00-0030 EA 9,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10B) .....	1,261.14	66.07
<i>For &gt;10 To 50, Deduct</i>	-56.45	
<i>For &gt;75 To 100, Deduct</i>	-112.90	
<i>For &gt;100, Deduct</i>	-135.48	
<i>For &gt;50 To 75, Deduct</i>	-79.03	
23 81 43 00-0031 EA 11,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33B).....	1,481.14	66.07
<i>For &gt;10 To 50, Deduct</i>	-67.45	
<i>For &gt;75 To 100, Deduct</i>	-134.90	
<i>For &gt;100, Deduct</i>	-161.88	
<i>For &gt;50 To 75, Deduct</i>	-94.43	
23 81 43 00-0032 EA 17,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YM18N34B).....	1,681.14	66.07
<i>For &gt;10 To 50, Deduct</i>	-77.45	
<i>For &gt;75 To 100, Deduct</i>	-154.90	
<i>For &gt;100, Deduct</i>	-185.88	
<i>For &gt;50 To 75, Deduct</i>	-108.43	
23 81 43 00-0033 EA 24,000 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35B).....	1,911.14	66.07
<i>For &gt;10 To 50, Deduct</i>	-88.95	
<i>For &gt;75 To 100, Deduct</i>	-177.90	
<i>For &gt;100, Deduct</i>	-213.48	
<i>For &gt;50 To 75, Deduct</i>	-124.53	
<b>23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners</b> <small>(23 81 43 00-0027)</small> Note: Base unit excludes wall sleeve.		
<b>23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich)</b> <small>(23 81 43 00-0034)</small>		
23 81 43 00-0036 EA 9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D).....	1,193.38	47.20
<i>For &gt;10 To 50, Deduct</i>	-54.95	
<i>For &gt;75 To 100, Deduct</i>	-109.90	
<i>For &gt;100, Deduct</i>	-131.88	
<i>For &gt;50 To 75, Deduct</i>	-76.93	
<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
23 81 43 00-0037 EA 12,000 BTU, 8.6 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12C33).....	1,243.38	47.20
<i>For &gt;10 To 50, Deduct</i>	-57.45	
<i>For &gt;75 To 100, Deduct</i>	-114.90	
<i>For &gt;100, Deduct</i>	-137.88	
<i>For &gt;50 To 75, Deduct</i>	-80.43	
<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	184.93	
<b>23 81 46 Water-Source Unitary Heat Pumps</b> <small>(23 81)</small>		
<b>23 81 46 00-0001 Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps</b> <small>(23 81 46)</small> Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.		
23 81 46 00-0002 EA 7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	1,631.51	139.44
23 81 46 00-0003 EA 9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	1,681.20	139.44
23 81 46 00-0004 EA 12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	1,939.88	153.38
23 81 46 00-0005 EA 19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	2,046.16	167.32
23 81 46 00-0006 EA 24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	2,195.51	181.27
23 81 46 00-0007 EA 30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	2,576.74	195.22
23 81 46 00-0008 EA 36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	2,637.75	209.15
23 81 46 00-0009 EA 42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	2,875.44	223.10

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

**23 80 Decentralized Unitary HVAC Equipment**

**23 81 Decentralized Unitary HVAC Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 46 00-0010	EA		48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	3,068.96	237.04
23 81 46 00-0011	EA		60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump .....	3,124.45	250.99
<b>23 81 49 Split System Heat Pumps (23 81)</b>					
23 81 49 00-0001			<b>Split System Heat Pump (23 81 49)</b> See CSI section 23 23 16 00-0001 for piping.		
23 81 49 00-0002			<b>Air Cooled, Outdoor Section (23 81 49 00-0001)</b>		
23 81 49 00-0003	EA		1.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,795.39	202.88
			<i>For 16 SEER, Add</i>	431.52	
			<i>For 18 SEER, Add</i>	654.72	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	329.81	
			<i>For Winterstart Control, Add</i>	90.26	
23 81 49 00-0004	EA		2 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,858.54	225.42
			<i>For 16 SEER, Add</i>	439.93	
			<i>For 18 SEER, Add</i>	667.48	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	343.28	
			<i>For Winterstart Control, Add</i>	94.83	
23 81 49 00-0005	EA		2.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,037.19	261.63
			<i>For 16 SEER, Add</i>	475.89	
			<i>For 18 SEER, Add</i>	722.04	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	378.02	
			<i>For Winterstart Control, Add</i>	105.26	
23 81 49 00-0006	EA		3 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,230.41	300.56
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	326.85	
			<i>For 16 SEER, Add</i>	514.75	
			<i>For 18 SEER, Add</i>	781.00	
			<i>For Winterstart Control, Add</i>	116.54	
23 81 49 00-0007	EA		3.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,301.90	312.18
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	337.71	
			<i>For 16 SEER, Add</i>	530.41	
			<i>For 18 SEER, Add</i>	804.76	
			<i>For Winterstart Control, Add</i>	120.45	
23 81 49 00-0008	EA		4 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,553.32	358.63
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	373.00	
			<i>For 16 SEER, Add</i>	591.89	
			<i>For 18 SEER, Add</i>	896.04	
			<i>For Winterstart Control, Add</i>	132.87	
23 81 49 00-0009	EA		5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,901.55	394.49
			<i>For 16 SEER, Add</i>	678.02	
			<i>For 18 SEER, Add</i>	1,028.72	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	257.79	
			<i>For Winterstart Control, Add</i>	79.74	
23 81 49 00-0010	EA		7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,850.62	440.47
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	418.38	
			<i>For Winterstart Control, Add</i>	115.14	
23 81 49 00-0011	EA		10 Ton, 11.1 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	8,148.01	528.55
			<i>For Winterstart Control, Add</i>	149.55	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	269.67	
23 81 49 00-0012	EA		15 Ton, 10.9 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	10,773.05	616.64
			<i>For Winterstart Control, Add</i>	186.82	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	300.30	
23 81 49 00-0013	EA		20 Ton, 10.3 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	14,989.46	660.69
			<i>For Winterstart Control, Add</i>	234.82	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	316.52	
23 81 49 00-0014			<b>Indoor Section, Horizontal Upflow (23 81 49 00-0001)</b> Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0015	EA		2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat .....	999.36	67.33
			<i>For Additional 5 KW Electric Heat, Add</i>	93.17	
23 81 49 00-0016	EA		2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat .....	1,092.90	83.87
			<i>For Additional 5 KW Electric Heat, Add</i>	100.90	
23 81 49 00-0017	EA		3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat .....	1,128.09	101.31
			<i>For Additional 5 KW Electric Heat, Add</i>	102.66	
23 81 49 00-0018	EA		3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat .....	1,537.42	118.61
			<i>For Additional 5 KW Electric Heat, Add</i>	141.87	
23 81 49 00-0019	EA		4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat .....	1,567.73	133.71
			<i>For Additional 5 KW Electric Heat, Add</i>	143.39	
23 81 49 00-0020	EA		5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat .....	1,734.33	153.53
			<i>For Additional 5 KW Electric Heat, Add</i>	158.09	
23 81 49 00-0021	EA		7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat .....	3,771.83	251.70
			<i>For Additional 5 KW Electric Heat, Add</i>	352.01	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Decentralized Unitary HVAC Equipment</b>	<b>23 80</b>
<b>Decentralized Unitary HVAC Equipment</b>	<b>23 81</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0022 EA 10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat ..... <i>For Additional 5 KW Electric Heat, Add</i>	5,643.41 536.03	283.15
23 81 49 00-0023 EA 15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat ..... <i>For Additional 5 KW Electric Heat, Add</i>	7,994.52 767.99	314.61
23 81 49 00-0024 EA 20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat ..... <i>For Additional 5 KW Electric Heat, Add</i>	9,067.56 869.00	377.54
<b>23 81 49 00-0025 Ductless Split System Heat Pumps</b> (23 81 49 00-0001) Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 00-0030 for accessories.		
<b>23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps</b> (23 81 49 00-0025)		
23 81 49 00-0027 EA 9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,743.94	207.65
23 81 49 00-0028 EA 11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,925.54	226.52
23 81 49 00-0029 EA 17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,365.28	251.70
23 81 49 00-0030 EA 24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,729.35	276.86
23 81 49 00-0031 EA 25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,943.26	302.03
23 81 49 00-0032 EA 29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,596.86	314.61
23 81 49 00-0033 EA 31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,050.25	335.38
<b>23 81 49 00-0034 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps</b> (23 81 49 00-0025) Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035 EA 7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	712.05	100.68
23 81 49 00-0036 EA 9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	749.82	106.97
23 81 49 00-0037 EA 11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	788.33	113.26
23 81 49 00-0038 EA 17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	903.95	119.56
23 81 49 00-0039 EA 24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	963.75	125.84
23 81 49 00-0040 EA 19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes outdoor unit and refrigerant charge.	2,247.45	151.02
23 81 49 00-0041 EA 23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes outdoor unit and refrigerant charge.	2,675.55	163.60
23 81 49 00-0042 EA 30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... Note: Includes outdoor unit and refrigerant charge.	4,416.24	176.19
<b>23 81 49 00-0043 Suspended Ceiling Mounted Ductless Split System Heat Pumps</b> (23 81 49 00-0025) Note: Excludes hangers.		
23 81 49 00-0044 EA 24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,232.67	302.03
23 81 49 00-0045 EA 31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,135.52	360.55
23 81 49 00-0046 EA 39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,246.72	377.54
<b>23 81 49 00-0047 Recessed Ceiling Mounted Ductless Split System Heat Pumps</b> (23 81 49 00-0025) Note: Excludes hangers.		
23 81 49 00-0048 EA 11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,768.53	251.70
23 81 49 00-0049 EA 17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,142.89	276.86
23 81 49 00-0050 EA 24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,185.42	327.20
23 81 49 00-0051 EA 32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,841.71	360.55
23 81 49 00-0052 EA 39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,099.82	377.54
<b>23 82 Convection Heating And Cooling Units</b> (23 80)		
<b>23 82 16 Air Coils</b> (23 82)		
23 82 16 00-0001 Chilled Water Cooling Coils (23 82 16) Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 00-0002 2 Row Chilled Water Cooling Coils (23 82 16 00-0001)		

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	722.77	34.86
23 82 16 00-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,190.44	47.40
23 82 16 00-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,612.07	74.60
23 82 16 00-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,963.66	106.67
23 82 16 00-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,101.01	131.07
23 82 16 00-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,362.10	158.95
23 82 16 00-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,544.14	184.05
23 82 16 00-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,767.07	325.17
23 82 16 00-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,663.39	123.61
23 82 16 00-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,169.57	210.48
23 82 16 00-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,432.44	261.45
23 82 16 00-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,700.38	315.75
23 82 16 00-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,963.99	367.69
<b>23 82 16 00-0016</b>		<b>4 Row Chilled Water Cooling Coils</b> <small>(23 82 16 00-0001)</small>		
23 82 16 00-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	901.89	72.50
23 82 16 00-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,443.96	104.58
23 82 16 00-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,987.98	174.29
23 82 16 00-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,458.48	258.65
23 82 16 00-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,853.29	317.22
23 82 16 00-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,397.67	387.63
23 82 16 00-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,804.82	465.02
23 82 16 00-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,771.97	541.29
23 82 16 00-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,308.29	233.63
23 82 16 00-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,975.93	351.38
23 82 16 00-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,317.11	435.74
23 82 16 00-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,739.52	524.98
23 82 16 00-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,124.56	613.73
<b>23 82 16 00-0030</b>		<b>6 Row Chilled Water Cooling Coils</b> <small>(23 82 16 00-0001)</small>		
23 82 16 00-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,267.99	92.03
23 82 16 00-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,509.26	136.65
23 82 16 00-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,078.96	232.86
23 82 16 00-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,841.01	348.59
23 82 16 00-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,721.50	435.74
23 82 16 00-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,250.48	536.14
23 82 16 00-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,949.94	633.74
23 82 16 00-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,787.12	738.52
23 82 16 00-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,904.29	319.24
23 82 16 00-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,755.35	478.83
23 82 16 00-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,261.28	599.57
23 82 16 00-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,750.65	720.26
23 82 16 00-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,241.60	837.94



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 82 16 00-0044</b>	<b>8 Row Chilled Water Cooling Coils</b> <small>(23 82 16 00-0001)</small>		
	EA 12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 1,583.28	1,583.28	110.85
	EA 12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 1,954.26	1,954.26	170.12
	EA 24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 2,939.23	2,939.23	303.28
	EA 24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 3,930.92	3,930.92	465.02
	EA 30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 4,730.81	4,730.81	581.45
	EA 30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 5,505.46	5,505.46	697.19
	EA 30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 6,316.15	6,316.15	774.57
	EA 30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 5,520.65	5,520.65	898.46
	EA 34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 3,327.19	3,327.19	389.03
	EA 34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 4,317.17	4,317.17	584.86
	EA 34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 4,904.60	4,904.60	728.56
	EA 34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 5,466.92	5,466.92	871.48
	EA 34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted ..... 6,061.96	6,061.96	1,025.28
<b>23 82 16 00-0058</b>	<b>Direct Expansion Cooling Coils</b> <small>(23 82 16)</small>		
	Note: Flanged construction 16 gauge galvanized steel casing.		
<b>23 82 16 00-0059</b>	<b>2 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 00-0058)</small>		
	EA 12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 614.31	614.31	52.29
	For 12 Fins Per Inch, Add 25.47	25.47	
	For 10 Fins Per Inch, Add 10.19	10.19	
	EA 12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,162.70	1,162.70	71.81
	For 12 Fins Per Inch, Add 50.95	50.95	
	For 10 Fins Per Inch, Add 20.38	20.38	
	EA 24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,612.07	1,612.07	112.94
	For 12 Fins Per Inch, Add 69.36	69.36	
	For 10 Fins Per Inch, Add 27.74	27.74	
	EA 24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,963.66	1,963.66	162.44
	For 12 Fins Per Inch, Add 81.97	81.97	
	For 10 Fins Per Inch, Add 32.79	32.79	
	EA 30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 2,290.00	2,290.00	198.69
	For 12 Fins Per Inch, Add 94.58	94.58	
	For 10 Fins Per Inch, Add 37.83	37.83	
	EA 30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 2,574.19	2,574.19	240.52
	For 12 Fins Per Inch, Add 104.67	104.67	
	For 10 Fins Per Inch, Add 41.87	41.87	
	EA 30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 2,953.79	2,953.79	278.87
	For 12 Fins Per Inch, Add 119.80	119.80	
	For 10 Fins Per Inch, Add 47.92	47.92	
	EA 30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 3,687.45	3,687.45	325.17
	For 12 Fins Per Inch, Add 151.85	151.85	
	For 10 Fins Per Inch, Add 60.74	60.74	
	EA 34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,414.86	1,414.86	123.61
	For 12 Fins Per Inch, Add 58.38	58.38	
	For 10 Fins Per Inch, Add 23.35	23.35	
	EA 34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,862.70	1,862.70	210.48
	For 12 Fins Per Inch, Add 72.08	72.08	
	For 10 Fins Per Inch, Add 28.83	28.83	
	EA 34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 2,337.31	2,337.31	315.75
	For 12 Fins Per Inch, Add 85.29	85.29	
	For 10 Fins Per Inch, Add 34.12	34.12	
	EA 34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 2,572.85	2,572.85	367.69
	For 12 Fins Per Inch, Add 91.87	91.87	
	For 10 Fins Per Inch, Add 36.75	36.75	
<b>23 82 16 00-0072</b>	<b>4 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 00-0058)</small>		
	EA 12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,010.35	1,010.35	72.50
	For 12 Fins Per Inch, Add 43.26	43.26	
	For 10 Fins Per Inch, Add 17.30	17.30	
	EA 12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,443.96	1,443.96	104.58
	For 12 Fins Per Inch, Add 61.79	61.79	
	For 10 Fins Per Inch, Add 24.72	24.72	
	EA 24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing..... 1,987.98	1,987.98	174.29
	For 12 Fins Per Inch, Add 81.97	81.97	
	For 10 Fins Per Inch, Add 32.79	32.79	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0076	EA		24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,458.48	258.65
			For 12 Fins Per Inch, Add	97.10	
			For 10 Fins Per Inch, Add	38.84	
23 82 16 00-0077	EA		30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,853.29	317.22
			For 12 Fins Per Inch, Add	110.97	
			For 10 Fins Per Inch, Add	44.39	
23 82 16 00-0078	EA		30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,397.67	387.63
			For 12 Fins Per Inch, Add	131.15	
			For 10 Fins Per Inch, Add	52.46	
23 82 16 00-0079	EA		30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,804.82	465.02
			For 12 Fins Per Inch, Add	143.76	
			For 10 Fins Per Inch, Add	57.51	
23 82 16 00-0080	EA		30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,771.97	541.29
			For 12 Fins Per Inch, Add	134.47	
			For 10 Fins Per Inch, Add	53.79	
23 82 16 00-0081	EA		34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,308.29	233.63
			For 12 Fins Per Inch, Add	92.05	
			For 10 Fins Per Inch, Add	36.82	
23 82 16 00-0082	EA		34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,975.93	351.38
			For 12 Fins Per Inch, Add	113.66	
			For 10 Fins Per Inch, Add	45.46	
23 82 16 00-0083	EA		34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,548.55	618.05
			For 12 Fins Per Inch, Add	165.62	
			For 10 Fins Per Inch, Add	66.25	
23 82 16 00-0084	EA		34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,215.77	720.26
			For 12 Fins Per Inch, Add	188.77	
			For 10 Fins Per Inch, Add	75.51	
<b>23 82 16 00-0085</b>			<b>6 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 00-0058)</small>		
23 82 16 00-0086	EA		12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,293.21	91.33
			For 12 Fins Per Inch, Add	55.49	
			For 10 Fins Per Inch, Add	22.19	
23 82 16 00-0087	EA		12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,509.26	136.65
			For 12 Fins Per Inch, Add	61.79	
			For 10 Fins Per Inch, Add	24.72	
23 82 16 00-0088	EA		24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,205.07	232.86
			For 12 Fins Per Inch, Add	87.01	
			For 10 Fins Per Inch, Add	34.81	
23 82 16 00-0089	EA		24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,841.01	348.59
			For 12 Fins Per Inch, Add	107.19	
			For 10 Fins Per Inch, Add	42.88	
23 82 16 00-0090	EA		30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,721.50	435.74
			For 12 Fins Per Inch, Add	142.50	
			For 10 Fins Per Inch, Add	57.00	
23 82 16 00-0091	EA		30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,250.48	536.14
			For 12 Fins Per Inch, Add	158.90	
			For 10 Fins Per Inch, Add	63.56	
23 82 16 00-0092	EA		30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,949.94	633.74
			For 12 Fins Per Inch, Add	184.12	
			For 10 Fins Per Inch, Add	73.65	
23 82 16 00-0093	EA		30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,787.12	738.52
			For 12 Fins Per Inch, Add	165.50	
			For 10 Fins Per Inch, Add	66.20	
23 82 16 00-0094	EA		34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,904.29	319.24
			For 12 Fins Per Inch, Add	113.29	
			For 10 Fins Per Inch, Add	45.32	
23 82 16 00-0095	EA		34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,755.35	478.83
			For 12 Fins Per Inch, Add	139.88	
			For 10 Fins Per Inch, Add	55.95	
23 82 16 00-0096	EA		34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,738.84	714.33
			For 12 Fins Per Inch, Add	165.51	
			For 10 Fins Per Inch, Add	66.20	
23 82 16 00-0097	EA		34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,241.60	837.94
			For 12 Fins Per Inch, Add	178.28	
			For 10 Fins Per Inch, Add	71.31	
<b>23 82 16 00-0098</b>			<b>8 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 00-0058)</small>		
23 82 16 00-0099	EA		12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,608.50	110.16
			For 12 Fins Per Inch, Add	69.36	
			For 10 Fins Per Inch, Add	27.74	
23 82 16 00-0100	EA		12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,954.26	170.12
			For 12 Fins Per Inch, Add	80.71	
			For 10 Fins Per Inch, Add	32.28	
23 82 16 00-0101	EA		24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,939.23	303.28
			For 12 Fins Per Inch, Add	116.65	
			For 10 Fins Per Inch, Add	46.66	
23 82 16 00-0102	EA		24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,930.92	465.02
			For 12 Fins Per Inch, Add	150.07	
			For 10 Fins Per Inch, Add	60.03	
23 82 16 00-0103	EA		30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,730.81	581.45
			For 12 Fins Per Inch, Add	178.44	
			For 10 Fins Per Inch, Add	71.38	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0104 EA 30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,505.46	697.19
<i>For 12 Fins Per Inch, Add</i>	205.56	
<i>For 10 Fins Per Inch, Add</i>	82.22	
23 82 16 00-0105 EA 30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,316.15	774.57
<i>For 12 Fins Per Inch, Add</i>	238.34	
<i>For 10 Fins Per Inch, Add</i>	95.34	
23 82 16 00-0106 EA 30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,520.65	898.46
<i>For 12 Fins Per Inch, Add</i>	186.19	
<i>For 10 Fins Per Inch, Add</i>	74.48	
23 82 16 00-0107 EA 34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,327.19	389.03
<i>For 12 Fins Per Inch, Add</i>	127.45	
<i>For 10 Fins Per Inch, Add</i>	50.98	
23 82 16 00-0108 EA 34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,317.17	584.86
<i>For 12 Fins Per Inch, Add</i>	157.37	
<i>For 10 Fins Per Inch, Add</i>	62.95	
23 82 16 00-0109 EA 34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,484.52	880.26
<i>For 12 Fins Per Inch, Add</i>	186.20	
<i>For 10 Fins Per Inch, Add</i>	74.48	
23 82 16 00-0110 EA 34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,061.96	1,025.28
<i>For 12 Fins Per Inch, Add</i>	200.57	
<i>For 10 Fins Per Inch, Add</i>	80.23	
<b>23 82 16 00-0111 Hot Water Heating Coils</b> <small>(23 82 16)</small>		
Note: Flanged construction.		
<b>23 82 16 00-0112 1 Row Hot Water Heating Coils</b> <small>(23 82 16 00-0111)</small>		
23 82 16 00-0113 EA 12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction.....	743.30	94.12
<i>For 12 Fins Per Inch, Add</i>	27.74	
<i>For 230 PSIG Heavy Duty, Add</i>	167.50	
<i>For 10 Fins Per Inch, Add</i>	11.10	
23 82 16 00-0114 EA 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,097.94	120.61
<i>For 12 Fins Per Inch, Add</i>	42.88	
<i>For 230 PSIG Heavy Duty, Add</i>	243.63	
<i>For 10 Fins Per Inch, Add</i>	17.15	
23 82 16 00-0115 EA 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,340.86	165.93
<i>For 12 Fins Per Inch, Add</i>	50.44	
<i>For 230 PSIG Heavy Duty, Add</i>	301.37	
<i>For 10 Fins Per Inch, Add</i>	20.18	
23 82 16 00-0116 EA 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,599.76	232.86
<i>For 12 Fins Per Inch, Add</i>	56.75	
<i>For 230 PSIG Heavy Duty, Add</i>	366.43	
<i>For 10 Fins Per Inch, Add</i>	22.70	
23 82 16 00-0117 EA 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,818.82	278.87
<i>For 12 Fins Per Inch, Add</i>	63.05	
<i>For 230 PSIG Heavy Duty, Add</i>	419.54	
<i>For 10 Fins Per Inch, Add</i>	25.22	
23 82 16 00-0118 EA 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,134.81	348.59
<i>For 12 Fins Per Inch, Add</i>	71.88	
<i>For 230 PSIG Heavy Duty, Add</i>	496.68	
<i>For 10 Fins Per Inch, Add</i>	28.75	
23 82 16 00-0119 EA 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,388.81	386.93
<i>For 12 Fins Per Inch, Add</i>	80.71	
<i>For 230 PSIG Heavy Duty, Add</i>	555.23	
<i>For 10 Fins Per Inch, Add</i>	32.28	
23 82 16 00-0120 EA 30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,949.12	449.89
<i>For 12 Fins Per Inch, Add</i>	102.30	
<i>For 230 PSIG Heavy Duty, Add</i>	680.13	
<i>For 10 Fins Per Inch, Add</i>	40.92	
23 82 16 00-0121 EA 34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,273.31	194.93
<i>For 12 Fins Per Inch, Add</i>	44.17	
<i>For 230 PSIG Heavy Duty, Add</i>	293.66	
<i>For 10 Fins Per Inch, Add</i>	17.67	
23 82 16 00-0122 EA 34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,909.94	292.47
<i>For 12 Fins Per Inch, Add</i>	66.25	
<i>For 230 PSIG Heavy Duty, Add</i>	440.48	
<i>For 10 Fins Per Inch, Add</i>	26.50	
23 82 16 00-0123 EA 34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,872.35	442.36
<i>For 12 Fins Per Inch, Add</i>	99.38	
<i>For 230 PSIG Heavy Duty, Add</i>	662.95	
<i>For 10 Fins Per Inch, Add</i>	39.75	
23 82 16 00-0124 EA 34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,344.11	512.64
<i>For 12 Fins Per Inch, Add</i>	115.94	
<i>For 230 PSIG Heavy Duty, Add</i>	771.35	
<i>For 10 Fins Per Inch, Add</i>	46.38	
23 82 16 00-0125 SF >15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	153.14	25.79
<i>For 12 Fins Per Inch, Add</i>	5.08	
<i>For 230 PSIG Heavy Duty, Add</i>	35.79	
<i>For 10 Fins Per Inch, Add</i>	2.03	
<b>23 82 16 00-0126 2 Row Hot Water Heating Coils</b> <small>(23 82 16 00-0111)</small>		
23 82 16 00-0127 EA 12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,190.82	116.43
<i>For 12 Fins Per Inch, Add</i>	47.92	
<i>For 230 PSIG Heavy Duty, Add</i>	261.40	
<i>For 10 Fins Per Inch, Add</i>	19.17	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0128 EA 12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,293.50	154.78
For 12 Fins Per Inch, Add	49.18	
For 230 PSIG Heavy Duty, Add	289.69	
For 10 Fins Per Inch, Add	19.67	
23 82 16 00-0129 EA 24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,751.08	232.86
For 12 Fins Per Inch, Add	64.31	
For 230 PSIG Heavy Duty, Add	396.70	
For 10 Fins Per Inch, Add	25.73	
23 82 16 00-0130 EA 24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,126.82	331.85
For 12 Fins Per Inch, Add	73.14	
For 230 PSIG Heavy Duty, Add	491.76	
For 10 Fins Per Inch, Add	29.26	
23 82 16 00-0131 EA 30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,459.60	409.94
For 12 Fins Per Inch, Add	81.97	
For 230 PSIG Heavy Duty, Add	573.94	
For 10 Fins Per Inch, Add	32.79	
23 82 16 00-0132 EA 30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,635.37	497.79
For 12 Fins Per Inch, Add	81.97	
For 230 PSIG Heavy Duty, Add	626.67	
For 10 Fins Per Inch, Add	32.79	
23 82 16 00-0133 EA 30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,977.92	581.45
For 12 Fins Per Inch, Add	90.80	
For 230 PSIG Heavy Duty, Add	711.78	
For 10 Fins Per Inch, Add	36.32	
23 82 16 00-0134 EA 30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,652.92	675.57
For 12 Fins Per Inch, Add	115.09	
For 230 PSIG Heavy Duty, Add	865.70	
For 10 Fins Per Inch, Add	46.04	
23 82 16 00-0135 EA 34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,576.72	291.49
For 12 Fins Per Inch, Add	49.69	
For 230 PSIG Heavy Duty, Add	373.64	
For 10 Fins Per Inch, Add	19.88	
23 82 16 00-0136 EA 34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,366.54	437.90
For 12 Fins Per Inch, Add	74.53	
For 230 PSIG Heavy Duty, Add	560.89	
For 10 Fins Per Inch, Add	29.81	
23 82 16 00-0137 EA 34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,556.44	660.23
For 12 Fins Per Inch, Add	111.80	
For 230 PSIG Heavy Duty, Add	843.33	
For 10 Fins Per Inch, Add	44.72	
23 82 16 00-0138 EA 34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,151.15	771.22
For 12 Fins Per Inch, Add	130.44	
For 230 PSIG Heavy Duty, Add	984.47	
For 10 Fins Per Inch, Add	52.17	
<b>23 82 16 00-0139 Steam Heating Coils (23 82 16)</b>		
Note: Flanged construction.		
23 82 16 00-0140 EA 12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	836.52	65.54
For 4 Row Coil, Add	725.25	
For 2 Row Coil, Add	277.02	
23 82 16 00-0141 EA 12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	937.73	90.63
For 4 Row Coil, Add	828.05	
For 2 Row Coil, Add	317.54	
23 82 16 00-0142 EA 24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	1,257.46	162.44
For 4 Row Coil, Add	1,145.40	
For 2 Row Coil, Add	442.09	
23 82 16 00-0143 EA 24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,599.76	232.86
For 4 Row Coil, Add	1,479.67	
For 2 Row Coil, Add	572.89	
23 82 16 00-0144 EA 30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,793.60	278.87
For 4 Row Coil, Add	1,674.71	
For 2 Row Coil, Add	649.63	
23 82 16 00-0145 EA 30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	2,033.93	348.59
For 4 Row Coil, Add	1,926.94	
For 2 Row Coil, Add	749.62	
23 82 16 00-0146 EA 30" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	2,237.48	386.93
For 4 Row Coil, Add	2,123.08	
For 2 Row Coil, Add	826.17	
23 82 16 00-0147 EA 30" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	2,757.29	451.56
For 4 Row Coil, Add	2,594.16	
For 2 Row Coil, Add	1,007.80	
23 82 16 00-0148 EA 34" x 32" Steam Heating Coils, 1 Row Flanged Construction.....	1,190.49	194.93
For 4 Row Coil, Add	1,120.06	
For 2 Row Coil, Add	435.13	
23 82 16 00-0149 EA 34" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,785.71	292.47
For 4 Row Coil, Add	1,680.07	
For 2 Row Coil, Add	652.69	
23 82 16 00-0150 EA 34" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	2,677.10	437.90
For 4 Row Coil, Add	2,518.30	
For 2 Row Coil, Add	978.30	
23 82 16 00-0151 EA 34" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	3,126.72	512.64
For 4 Row Coil, Add	2,942.24	
For 2 Row Coil, Add	1,143.07	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**23 82 16 00-0152 Hot Water Preheat Coils For Multi-Zone Air Handling Units (23 82 16)**

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 00-0153	EA			3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	965.93	88.54
				<i>For Units &lt;16,500 CFM, Add</i>	<i>157.89</i>	
23 82 16 00-0154	EA			4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,228.23	87.84
				<i>For Units &lt;16,500 CFM, Add</i>	<i>210.35</i>	
23 82 16 00-0155	EA			5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,502.47	94.12
				<i>For Units &lt;16,500 CFM, Add</i>	<i>262.81</i>	
23 82 16 00-0156	EA			6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,743.57	102.48
				<i>For Units &lt;16,500 CFM, Add</i>	<i>307.70</i>	
23 82 16 00-0157	EA			7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,753.03	107.36
				<i>For Units &lt;16,500 CFM, Add</i>	<i>307.70</i>	
23 82 16 00-0158	EA			9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,116.50	112.94
				<i>For Units &lt;16,500 CFM, Add</i>	<i>378.32</i>	
23 82 16 00-0159	EA			11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,195.57	126.89
				<i>For Units &lt;16,500 CFM, Add</i>	<i>388.41</i>	
23 82 16 00-0160	EA			13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,428.38	142.22
				<i>For Units &lt;16,500 CFM, Add</i>	<i>428.76</i>	
23 82 16 00-0161	EA			16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,736.13	170.12
				<i>For Units &lt;16,500 CFM, Add</i>	<i>479.21</i>	
23 82 16 00-0162	EA			19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,980.56	178.48
				<i>For Units &gt;19,500 CFM, Add</i>	<i>472.15</i>	
23 82 16 00-0163	EA			22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,806.98	188.93
				<i>For Units &gt;19,500 CFM, Add</i>	<i>617.42</i>	
23 82 16 00-0164	EA			27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,854.52	258.65
				<i>For Units &gt;19,500 CFM, Add</i>	<i>780.86</i>	
23 82 16 00-0165	EA			34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	6,096.77	317.22
				<i>For Units &gt;19,500 CFM, Add</i>	<i>983.33</i>	
23 82 16 00-0166	EA			40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	7,090.66	331.85
				<i>For Units &gt;19,500 CFM, Add</i>	<i>1,157.03</i>	
23 82 16 00-0167	EA			47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	8,328.47	386.93
				<i>For Units &gt;19,500 CFM, Add</i>	<i>1,359.69</i>	

**23 82 16 00-0168 Standard Electric Slip-In Blast Coil Heater (23 82 16)**

**23 82 16 00-0169 Electric Slip-In Blast Coil Heater With Open Coil Element (23 82 16 00-0168)**

23 82 16 00-0170	EA			1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	282.52	48.45
23 82 16 00-0171	EA			1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	290.58	52.22
23 82 16 00-0172	EA			2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	300.11	57.26
23 82 16 00-0173	EA			3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	303.32	59.14
23 82 16 00-0174	EA			4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	311.55	62.93
23 82 16 00-0175	EA			5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	321.03	67.96
23 82 16 00-0176	EA			6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	369.54	76.13
23 82 16 00-0177	EA			7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	377.22	79.92
23 82 16 00-0178	EA			8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	383.50	82.43
23 82 16 00-0179	EA			9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	392.71	87.46
23 82 16 00-0180	EA			10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	429.52	92.50
23 82 16 00-0181	EA			12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	447.43	101.31
23 82 16 00-0182	EA			15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	465.23	110.11
23 82 16 00-0183	EA			20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	483.79	118.92
23 82 16 00-0184	EA			30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	661.01	166.12
23 82 16 00-0185	EA			40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,175.44	176.81
23 82 16 00-0186	EA			50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,292.31	202.61
23 82 16 00-0187	EA			60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,526.37	224.64
23 82 16 00-0188	EA			70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,601.85	244.14
23 82 16 00-0189	EA			80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,755.17	268.05
23 82 16 00-0190	EA			90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,154.58	286.30
23 82 16 00-0191	EA			100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,366.74	307.69
23 82 16 00-0192	EA			125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,872.07	332.24
23 82 16 00-0193	EA			150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,234.20	361.17

**23 82 16 00-0194 Electric Slip-In Blast Coil Heater With Finned Tubular Element (23 82 16 00-0168)**

23 82 16 00-0195	EA			1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	764.31	69.21
23 82 16 00-0196	EA			2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	796.58	75.51
23 82 16 00-0197	EA			3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	815.53	75.51
23 82 16 00-0198	EA			4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	849.71	83.05
23 82 16 00-0199	EA			5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,166.17	83.05
23 82 16 00-0200	EA			6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,196.49	83.05
23 82 16 00-0201	EA			8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,210.48	92.50
23 82 16 00-0202	EA			9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,227.96	103.83
23 82 16 00-0203	EA			10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,245.01	103.83
23 82 16 00-0204	EA			15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,447.50	118.92
23 82 16 00-0205	EA			20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,743.11	118.92
23 82 16 00-0206	EA			30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,892.46	138.43
23 82 16 00-0207	EA			40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,591.69	138.43

**23 82 19 Fan Coil Units (23 82)**

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0001			<b>Ceiling Suspended Horizontal Fan Coil Units</b> <small>(23 82 19)</small> Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
23 82 19 00-0002			<b>Horizontal Fan Coil Units With Electric Heating Coil</b> <small>(23 82 19 00-0001)</small>		
23 82 19 00-0003	EA		200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,128.06	112.94
23 82 19 00-0004	EA		300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,242.83	131.77
23 82 19 00-0005	EA		400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,376.54	148.50
23 82 19 00-0006	EA		600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,596.67	170.12
23 82 19 00-0007	EA		800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,790.82	178.48
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-91.81	
23 82 19 00-0008	EA		1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	2,438.43	188.93
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-93.26	
23 82 19 00-0009	EA		1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	2,962.54	204.97
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-95.76	
23 82 19 00-0010			<b>Horizontal Fan Coil Units With Hot Water Heating Coil</b> <small>(23 82 19 00-0001)</small>		
23 82 19 00-0011	EA		200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	622.48	112.94
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-46.24	
23 82 19 00-0012	EA		300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	757.87	131.77
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.15	
23 82 19 00-0013	EA		400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	899.44	148.50
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-49.83	
23 82 19 00-0014	EA		600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,714.47	170.12
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.00	
23 82 19 00-0015	EA		800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	1,928.25	179.17
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-91.81	
23 82 19 00-0016	EA		1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	2,634.78	188.93
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-93.26	
23 82 19 00-0017	EA		1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet .....	3,335.58	204.97
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-95.76	
23 82 19 00-0018			<b>Floor Mounted Vertical Fan Coil Units</b> <small>(23 82 19)</small> Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
23 82 19 00-0019			<b>Vertical Fan Coil Units With Electric Heating Coil</b> <small>(23 82 19 00-0018)</small>		
23 82 19 00-0020	EA		200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,088.79	112.24
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-140.83	
			<i>For Thru-Wall Sleeve, Add</i>	99.98	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-46.24	
23 82 19 00-0021	EA		300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,244.79	131.77
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-160.41	
			<i>For Thru-Wall Sleeve, Add</i>	107.62	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.15	
23 82 19 00-0022	EA		400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,474.71	148.50
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-191.54	
			<i>For Thru-Wall Sleeve, Add</i>	114.33	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-49.83	
23 82 19 00-0023	EA		600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,694.84	170.12
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-220.22	
			<i>For Thru-Wall Sleeve, Add</i>	123.02	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.00	
23 82 19 00-0024	EA		800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,908.62	179.17
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-250.54	
			<i>For Thru-Wall Sleeve, Add</i>	126.51	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-91.81	
23 82 19 00-0025	EA		1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	2,438.43	188.93
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-328.08	
			<i>For Thru-Wall Sleeve, Add</i>	130.37	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-93.26	
23 82 19 00-0026	EA		1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	2,864.37	204.97
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-388.64	
			<i>For Thru-Wall Sleeve, Add</i>	137.02	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-95.76	
23 82 19 00-0027			<b>Vertical Fan Coil Units With Hot Water Heating Coil</b> <small>(23 82 19 00-0018)</small>		
23 82 19 00-0028	EA		200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,206.59	112.24
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-158.50	
			<i>For Thru-Wall Sleeve, Add</i>	99.98	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-46.24	
23 82 19 00-0029	EA		300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,362.60	131.77
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-178.08	
			<i>For Thru-Wall Sleeve, Add</i>	107.62	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.15	
23 82 19 00-0030	EA		400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet .....	1,671.05	148.50
			<i>For Fan Coil Units Without Cabinet, Deduct</i>	-220.99	
			<i>For Thru-Wall Sleeve, Add</i>	114.33	
			<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-49.83	





<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Decentralized Unitary HVAC Equipment	23 80
Convection Heating And Cooling Units	23 82

23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0031 EA 600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet ..... <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	1,910.81 -252.61 123.02 -52.00	170.12
23 82 19 00-0032 EA 800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet ..... <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,124.59 -282.94 126.51 -91.81	179.17
23 82 19 00-0033 EA 1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet ..... <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,536.60 -342.80 130.37 -93.26	188.93
23 82 19 00-0034 EA 1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet ..... <i>For Fan Coil Units Without Cabinet, Deduct</i> <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	2,962.54 -403.37 137.02 -95.76	204.97
<b>23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units</b> (23 82 19) Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0036 EA Remove And Reinstall Fan Coil Unit Horizontal Or Vertical.....	296.42	
<b>23 82 29 Radiators</b> (23 82)		
<b>23 82 29 00-0001 Demolish Cast Iron Radiators</b> (23 82 29)		
23 82 29 00-0002 LF Demolish Cast Iron Radiator.....	20.19	
23 82 29 00-0003 EA Cap Radiator.....	30.42	
<b>23 82 29 00-0004 Cast Iron Radiator</b> (23 82 29)		
23 82 29 00-0005 EA 19" High Cast Iron Radiator Section, Free Standing..... <i>For Wall Support Bracket, Add</i>	33.13 23.69	
23 82 29 00-0006 EA 25" High Cast Iron Radiator Section, Free Standing..... <i>For Wall Support Bracket, Add</i>	47.18 24.59	
23 82 29 00-0007 EA 30" High Cast Iron Radiator Section, Free Standing.....	54.97	
23 82 29 00-0008 EA 36" High Cast Iron Radiator Section, Free Standing.....	69.37	
23 82 29 00-0009 EA 20" High Cast Iron Radiator Section, Recessed With Grille.....	45.79	
<b>23 82 29 00-0010 Radiator Covers</b> (23 82 29) Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011 SF 14 Gauge Stainless Steel Radiator Cover .....	66.83	3.42
23 82 29 00-0012 SF Galvanized Steel Radiator Cover..... Note: Primed and painted.	41.83	3.42
<b>23 82 29 00-0013 Radiator Shields</b> (23 82 29)		
23 82 29 00-0014 SF Stainless Steel Radiator Shield.....	44.77	3.42
23 82 29 00-0015 SF Galvanized Steel Radiator Shield .....	20.22	3.42
Note: Primed and painted.		
<b>23 82 29 00-0016 Remove And Reinstall Radiator</b> (23 82 29) Note: Includes storage and cleaning.		
23 82 29 00-0017 LF Remove And Reinstall Cast Iron Radiator .....	52.29	
23 82 29 00-0018 LF Remove And Reinstall Electric Radiator .....	34.86	
<b>23 82 33 Convectors</b> (23 82)		
<b>23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System</b> (23 82 33) Note: Complete with 6-1/4" deep cabinet enclosure.		
<b>23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System</b> (23 82 33 00-0001)		
23 82 33 00-0003 EA 20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet ..... <i>For Access Doors Hinged, Add</i> <i>For Metal Trim Strips, Add</i> <i>For Knob Operated Damper, Add</i> <i>For Snap-On Inlet Grille, Add</i> <i>For Air Chamber, Auto-vent, Add</i> <i>For 3 Tubes System, Add</i>	338.41 15.00 40.86 15.00 33.24 18.00 77.77	76.69
23 82 33 00-0004 EA 20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet ..... <i>For Access Doors Hinged, Add</i> <i>For Metal Trim Strips, Add</i> <i>For Knob Operated Damper, Add</i> <i>For Snap-On Inlet Grille, Add</i> <i>For Air Chamber, Auto-vent, Add</i> <i>For 3 Tubes System, Add</i>	398.35 15.00 44.03 15.00 35.35 18.00 95.06	83.66

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0005	EA		20" High x 4' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	458.49	99.00
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	50.96	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	39.97	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	108.02	
23 82 33 00-0006	EA		20" High x 6' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	548.81	115.04
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	58.28	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	44.86	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	131.09	
23 82 33 00-0007	EA		20" High x 8' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	654.50	138.04
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	68.73	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	51.82	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	155.89	
23 82 33 00-0008	EA		20" High x 10' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	736.13	151.84
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	75.00	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	56.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	177.14	
23 82 33 00-0009	EA		20" High x 12' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	855.76	184.05
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	89.63	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	65.76	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	201.94	
23 82 33 00-0010	EA		20" High x 14' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	933.94	195.56
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	94.87	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	69.24	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	223.20	
23 82 33 00-0011	EA		20" High x 16' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,019.38	218.57
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	105.32	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	76.21	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	240.92	
23 82 33 00-0012	EA		20" High x 18' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,125.12	241.57
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	115.78	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	83.19	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	265.71	
23 82 33 00-0013	EA		20" High x 20' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,210.57	264.58
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	126.23	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	90.15	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	283.43	
<b>23 82 33 00-0014</b>			<b>26" High Multi-Fin Convectors For Two-Pipe System</b> (23 82 33 00-0001)		
23 82 33 00-0015	EA		26" High x 2' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	398.20	100.88
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	51.39	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	40.26	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	86.42	
23 82 33 00-0016	EA		26" High x 3' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	467.49	117.20
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	58.71	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	45.14	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	102.13	
23 82 33 00-0017	EA		26" High x 4' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	565.40	137.63
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	67.88	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	51.25	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	125.70	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
Decentralized Unitary HVAC Equipment	23 80
Convection Heating And Cooling Units	23 82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0018 EA 26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	662.37	153.45
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	74.99	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	55.99	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	151.35	
23 82 33 00-0019 EA 26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	772.82	172.56
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	83.58	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	61.72	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	179.98	
23 82 33 00-0020 EA 26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	864.56	186.92
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	90.06	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	66.04	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	204.52	
23 82 33 00-0021 EA 26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	985.96	212.99
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	101.94	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	73.96	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	233.16	
23 82 33 00-0022 EA 26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,075.37	226.02
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	107.73	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	77.82	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	257.70	
23 82 33 00-0023 EA 26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,163.98	246.45
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	116.78	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	83.85	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	278.15	
23 82 33 00-0024 EA 26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,276.28	266.46
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	125.93	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	89.95	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	306.78	
23 82 33 00-0025 EA 26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,362.16	284.80
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	134.16	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	95.44	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	327.24	
<b>23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System</b> <small>(23 82 33 00-0001)</small>		
23 82 33 00-0027 EA 32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	457.41	122.70
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	61.75	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	47.16	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	95.06	
23 82 33 00-0028 EA 32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	545.86	148.50
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	73.47	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	54.98	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	112.34	
23 82 33 00-0029 EA 32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	657.93	173.60
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	84.87	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	62.58	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	138.26	
23 82 33 00-0030 EA 32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	761.47	188.66
For Access Doors Hinged, Add	15.00	
For Metal Trim Strips, Add	91.75	
For Knob Operated Damper, Add	15.00	
For Snap-On Inlet Grille, Add	67.16	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	166.48	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0031	EA		32" High x 8' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	874.24	203.86
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	98.58	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	71.72	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	197.97	
23 82 33 00-0032	EA		32" High x 10' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	973.83	218.57
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	105.32	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	76.21	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	224.97	
23 82 33 00-0033	EA		32" High x 12' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,091.85	236.97
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	113.72	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	81.82	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	256.47	
23 82 33 00-0034	EA		32" High x 14' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,192.12	252.17
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	120.67	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	86.44	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	283.47	
23 82 33 00-0035	EA		32" High x 16' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,281.51	269.18
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	128.20	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	91.47	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	305.96	
23 82 33 00-0036	EA		32" High x 18' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,396.55	285.29
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	135.72	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	96.48	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	337.46	
23 82 33 00-0037	EA		32" High x 20' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,481.39	299.09
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	141.89	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	100.59	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	359.95	
23 82 33 00-0038			<b>Electric Convectors, Floor Standing Units</b> <small>(23 82 33)</small>		
23 82 33 00-0039			<b>4" Deep Electric Convectors</b> <small>(23 82 33 00-0038)</small>		
23 82 33 00-0040	EA		38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units.....	452.85	67.63
23 82 33 00-0041	EA		50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units.....	505.82	67.63
23 82 33 00-0042			<b>6" Deep Electric Convectors</b> <small>(23 82 33 00-0038)</small>		
23 82 33 00-0043	EA		38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units.....	530.26	67.63
23 82 33 00-0044	EA		50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units.....	611.75	67.63
23 82 33 00-0045	EA		62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units.....	683.04	67.63
23 82 33 00-0046	EA		74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units.....	795.09	67.63
<b>23 82 36</b>			<b>Finned-Tube Radiation Heaters</b> <small>(23 82)</small>		
23 82 36 00-0001			<b>Finned Tube Baseboard Units</b> <small>(23 82 36)</small>		
			Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002			<b>3/4" IPS Steel Tube With Steel Fins</b> <small>(23 82 36 00-0001)</small>		
23 82 36 00-0003	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	217.96	27.19
			<i>For 90 Degree Corner, Add</i>	36.31	
			<i>For Copper Tube With Aluminum Fins, Add</i>	4.75	
			<i>For Filler Piece, Add</i>	29.31	
			<i>For Valve Enclosure, Add</i>	36.31	
			<i>For End Cap, Add</i>	25.10	
23 82 36 00-0004	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	288.07	41.13
			<i>For 90 Degree Corner, Add</i>	41.69	
			<i>For Copper Tube With Aluminum Fins, Add</i>	7.13	
			<i>For Filler Piece, Add</i>	34.69	
			<i>For Valve Enclosure, Add</i>	41.69	
			<i>For End Cap, Add</i>	28.60	



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>	<b>23</b>
<b>Decentralized Unitary HVAC Equipment</b>	<b>23 80</b>
<b>Convection Heating And Cooling Units</b>	<b>23 82</b>

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0005	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	347.11	54.38
			<i>For 90 Degree Corner, Add</i>	44.86	
			<i>For Copper Tube With Aluminum Fins, Add</i>	9.51	
			<i>For Filler Piece, Add</i>	37.86	
			<i>For Valve Enclosure, Add</i>	44.86	
			<i>For End Cap, Add</i>	30.66	
23 82 36 00-0006	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	432.41	76.13
			<i>For 90 Degree Corner, Add</i>	53.50	
			<i>For Copper Tube With Aluminum Fins, Add</i>	11.82	
			<i>For Filler Piece, Add</i>	46.50	
			<i>For Valve Enclosure, Add</i>	53.50	
			<i>For End Cap, Add</i>	36.28	
23 82 36 00-0007	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	517.26	91.47
			<i>For 90 Degree Corner, Add</i>	62.29	
			<i>For Copper Tube With Aluminum Fins, Add</i>	14.07	
			<i>For Filler Piece, Add</i>	55.29	
			<i>For Valve Enclosure, Add</i>	62.29	
			<i>For End Cap, Add</i>	41.99	
23 82 36 00-0008	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	585.86	97.60
			<i>For 90 Degree Corner, Add</i>	65.77	
			<i>For Copper Tube With Aluminum Fins, Add</i>	16.88	
			<i>For Filler Piece, Add</i>	58.77	
			<i>For Valve Enclosure, Add</i>	65.77	
			<i>For End Cap, Add</i>	44.25	
23 82 36 00-0009	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	645.85	107.86
			<i>For 90 Degree Corner, Add</i>	71.63	
			<i>For Copper Tube With Aluminum Fins, Add</i>	18.57	
			<i>For Filler Piece, Add</i>	64.63	
			<i>For Valve Enclosure, Add</i>	71.63	
			<i>For End Cap, Add</i>	48.06	
23 82 36 00-0010	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	737.45	122.01
			<i>For 90 Degree Corner, Add</i>	79.72	
			<i>For Copper Tube With Aluminum Fins, Add</i>	21.39	
			<i>For Filler Piece, Add</i>	72.72	
			<i>For Valve Enclosure, Add</i>	79.72	
			<i>For End Cap, Add</i>	53.32	
23 82 36 00-0011	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	813.27	134.21
			<i>For 90 Degree Corner, Add</i>	86.70	
			<i>For Copper Tube With Aluminum Fins, Add</i>	23.64	
			<i>For Filler Piece, Add</i>	79.70	
			<i>For Valve Enclosure, Add</i>	86.70	
			<i>For End Cap, Add</i>	57.85	
<b>23 82 36 00-0012</b>			<b>1" IPS Steel Tube With Steel Fins</b> <small>(23 82 36 00-0001)</small>		
23 82 36 00-0013	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	255.00	27.19
			<i>For 90 Degree Corner, Add</i>	36.31	
			<i>For Copper Tube With Aluminum Fins, Add</i>	6.79	
			<i>For Filler Piece, Add</i>	29.31	
			<i>For Valve Enclosure, Add</i>	36.31	
			<i>For End Cap, Add</i>	25.10	
23 82 36 00-0014	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	343.62	41.13
			<i>For 90 Degree Corner, Add</i>	41.69	
			<i>For Copper Tube With Aluminum Fins, Add</i>	10.18	
			<i>For Filler Piece, Add</i>	34.69	
			<i>For Valve Enclosure, Add</i>	41.69	
			<i>For End Cap, Add</i>	28.60	
23 82 36 00-0015	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	421.19	54.38
			<i>For 90 Degree Corner, Add</i>	44.86	
			<i>For Copper Tube With Aluminum Fins, Add</i>	13.58	
			<i>For Filler Piece, Add</i>	37.86	
			<i>For Valve Enclosure, Add</i>	44.86	
			<i>For End Cap, Add</i>	30.66	
23 82 36 00-0016	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	524.59	76.13
			<i>For 90 Degree Corner, Add</i>	53.52	
			<i>For Copper Tube With Aluminum Fins, Add</i>	16.89	
			<i>For Filler Piece, Add</i>	46.52	
			<i>For Valve Enclosure, Add</i>	53.52	
			<i>For End Cap, Add</i>	36.29	
23 82 36 00-0017	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	626.79	91.47
			<i>For 90 Degree Corner, Add</i>	62.26	
			<i>For Copper Tube With Aluminum Fins, Add</i>	20.10	
			<i>For Filler Piece, Add</i>	55.26	
			<i>For Valve Enclosure, Add</i>	62.26	
			<i>For End Cap, Add</i>	41.97	
23 82 36 00-0018	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	717.44	97.60
			<i>For 90 Degree Corner, Add</i>	65.77	
			<i>For Copper Tube With Aluminum Fins, Add</i>	24.12	
			<i>For Filler Piece, Add</i>	58.77	
			<i>For Valve Enclosure, Add</i>	65.77	
			<i>For End Cap, Add</i>	44.25	

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0019	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	790.37	107.86
			<i>For 90 Degree Corner, Add</i>	71.59	
			<i>For Copper Tube With Aluminum Fins, Add</i>	26.53	
			<i>For Filler Piece, Add</i>	64.59	
			<i>For Valve Enclosure, Add</i>	71.59	
			<i>For End Cap, Add</i>	48.03	
23 82 36 00-0020	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	904.11	122.01
			<i>For 90 Degree Corner, Add</i>	79.72	
			<i>For Copper Tube With Aluminum Fins, Add</i>	30.55	
			<i>For Filler Piece, Add</i>	72.72	
			<i>For Valve Enclosure, Add</i>	79.72	
			<i>For End Cap, Add</i>	53.32	
23 82 36 00-0021	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	997.07	134.21
			<i>For 90 Degree Corner, Add</i>	86.61	
			<i>For Copper Tube With Aluminum Fins, Add</i>	33.77	
			<i>For Filler Piece, Add</i>	79.61	
			<i>For Valve Enclosure, Add</i>	86.61	
			<i>For End Cap, Add</i>	57.80	
<b>23 82 36 00-0022</b>			<b>1-1/4" IPS Steel Tube With Steel Fins</b> <small>(23 82 36 00-0001)</small>		
23 82 36 00-0023	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	292.03	27.19
			<i>For 90 Degree Corner, Add</i>	36.31	
			<i>For Copper Tube With Aluminum Fins, Add</i>	8.83	
			<i>For Filler Piece, Add</i>	29.31	
			<i>For Valve Enclosure, Add</i>	36.31	
			<i>For End Cap, Add</i>	25.10	
23 82 36 00-0024	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	399.18	41.13
			<i>For 90 Degree Corner, Add</i>	41.69	
			<i>For Copper Tube With Aluminum Fins, Add</i>	13.24	
			<i>For Filler Piece, Add</i>	34.69	
			<i>For Valve Enclosure, Add</i>	41.69	
			<i>For End Cap, Add</i>	28.60	
23 82 36 00-0025	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	495.26	54.38
			<i>For 90 Degree Corner, Add</i>	44.86	
			<i>For Copper Tube With Aluminum Fins, Add</i>	17.65	
			<i>For Filler Piece, Add</i>	37.86	
			<i>For Valve Enclosure, Add</i>	44.86	
			<i>For End Cap, Add</i>	30.66	
23 82 36 00-0026	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	616.69	76.13
			<i>For 90 Degree Corner, Add</i>	53.52	
			<i>For Copper Tube With Aluminum Fins, Add</i>	21.95	
			<i>For Filler Piece, Add</i>	46.52	
			<i>For Valve Enclosure, Add</i>	53.52	
			<i>For End Cap, Add</i>	36.29	
23 82 36 00-0027	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	736.44	91.47
			<i>For 90 Degree Corner, Add</i>	62.26	
			<i>For Copper Tube With Aluminum Fins, Add</i>	26.13	
			<i>For Filler Piece, Add</i>	55.26	
			<i>For Valve Enclosure, Add</i>	62.26	
			<i>For End Cap, Add</i>	41.97	
23 82 36 00-0028	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	849.01	97.60
			<i>For 90 Degree Corner, Add</i>	65.77	
			<i>For Copper Tube With Aluminum Fins, Add</i>	31.36	
			<i>For Filler Piece, Add</i>	58.77	
			<i>For Valve Enclosure, Add</i>	65.77	
			<i>For End Cap, Add</i>	44.25	
23 82 36 00-0029	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	935.09	107.86
			<i>For 90 Degree Corner, Add</i>	71.59	
			<i>For Copper Tube With Aluminum Fins, Add</i>	34.49	
			<i>For Filler Piece, Add</i>	64.59	
			<i>For Valve Enclosure, Add</i>	71.59	
			<i>For End Cap, Add</i>	48.03	
23 82 36 00-0030	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	1,070.77	122.01
			<i>For 90 Degree Corner, Add</i>	79.72	
			<i>For Copper Tube With Aluminum Fins, Add</i>	39.72	
			<i>For Filler Piece, Add</i>	72.72	
			<i>For Valve Enclosure, Add</i>	79.72	
			<i>For End Cap, Add</i>	53.32	
23 82 36 00-0031	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	1,181.27	134.21
			<i>For 90 Degree Corner, Add</i>	86.61	
			<i>For Copper Tube With Aluminum Fins, Add</i>	43.90	
			<i>For Filler Piece, Add</i>	79.61	
			<i>For Valve Enclosure, Add</i>	86.61	
			<i>For End Cap, Add</i>	57.80	
<b>23 82 36 00-0032</b>			<b>Electric Baseboard Heating</b> <small>(23 82 36)</small>		
			Note: Includes 24 gauge steel enclosure and heating element		
<b>23 82 36 00-0033</b>			<b>Electric Wall Heating 10" Enclosure</b> <small>(23 82 36 00-0032)</small>		
23 82 36 00-0034	LF		Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT.....	88.98	37.58
23 82 36 00-0035	LF		Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT.....	91.42	37.58
<b>23 82 36 00-0036</b>			<b>Electric Wall Heating 16" Enclosure</b> <small>(23 82 36 00-0032)</small>		



<b>Heating, Ventilating, And Air-Conditioning (HVAC)</b>		<b>23</b>
Decentralized Unitary HVAC Equipment		<b>23 80</b>
Convection Heating And Cooling Units		<b>23 82</b>

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0037	LF		Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT .....	113.42	37.58
23 82 36 00-0038	LF		Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT .....	119.53	37.58
<b>23 82 39 Unit Heaters (23 82)</b>					
<b>23 82 39 13 Cabinet Unit Heaters (23 82 39)</b>					
23 82 39 13-0001			<b>Electric Cabinet Unit Heaters (23 82 39 13)</b> Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
23 82 39 13-0002			<b>Electric Cabinet Unit Heaters, 35" Cabinet Length (23 82 39 13-0001)</b>		
23 82 39 13-0003	EA		2 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,397.41	85.39
23 82 39 13-0004	EA		3 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,416.95	85.39
23 82 39 13-0005	EA		4 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,436.49	85.39
23 82 39 13-0006	EA		5 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,456.02	85.39
23 82 39 13-0007	EA		6 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,475.56	85.39
23 82 39 13-0008	EA		7 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,495.11	85.39
23 82 39 13-0009	EA		8 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,515.42	85.39
23 82 39 13-0010	EA		For Ceiling Installation of 35" Cabinet Unit Heater, Add .....	114.08	56.70
23 82 39 13-0011			<b>Electric Cabinet Unit Heaters, 45" Cabinet Length (23 82 39 13-0001)</b>		
23 82 39 13-0012	EA		4 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,537.07	102.47
23 82 39 13-0013	EA		6 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,576.16	102.47
23 82 39 13-0014	EA		8 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,615.23	102.47
23 82 39 13-0015	EA		10 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,654.31	102.47
23 82 39 13-0016	EA		12 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,693.38	102.47
23 82 39 13-0017	EA		14 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,732.47	102.47
23 82 39 13-0018	EA		16 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,771.54	102.47
23 82 39 13-0019	EA		For Ceiling Installation of 45" Cabinet Unit Heater, Add .....	136.62	68.31
23 82 39 13-0020			<b>Electric Cabinet Unit Heaters, 58" Cabinet Length (23 82 39 13-0001)</b>		
23 82 39 13-0021	EA		6 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,178.27	136.62
23 82 39 13-0022	EA		8 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,217.34	136.62
23 82 39 13-0023	EA		10 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,256.42	136.62
23 82 39 13-0024	EA		12 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,295.49	136.62
23 82 39 13-0025	EA		14 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,334.58	136.62
23 82 39 13-0026	EA		16 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,373.65	136.62
23 82 39 13-0027	EA		For Ceiling Installation of 58" Cabinet Unit Heater, Add .....	170.77	85.39
23 82 39 13-0028			<b>Electric Cabinet Unit Heaters, 68" Cabinet Length (23 82 39 13-0001)</b>		
23 82 39 13-0029	EA		6 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,741.31	170.77
23 82 39 13-0030	EA		9 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,799.92	170.77
23 82 39 13-0031	EA		12 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,858.53	170.77
23 82 39 13-0032	EA		15 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,917.14	170.77
23 82 39 13-0033	EA		18 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,975.77	170.77
23 82 39 13-0034	EA		21 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,034.38	170.77
23 82 39 13-0035	EA		24 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,093.00	170.77
23 82 39 13-0036	EA		For Ceiling Installation of 68" Cabinet Unit Heater, Add .....	228.16	114.08
23 82 39 13-0037			<b>Electric Cabinet Unit Heaters, 78" Cabinet Length (23 82 39 13-0001)</b>		
23 82 39 13-0038	EA		8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,382.48	204.93

**23 Heating, Ventilating, And Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0039 EA 12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,460.64	204.93
23 82 39 13-0040 EA 16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,538.80	204.93
23 82 39 13-0041 EA 20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,616.95	204.93
23 82 39 13-0042 EA 24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,695.11	204.93
23 82 39 13-0043 EA 28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,773.26	204.93
23 82 39 13-0044 EA 32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,851.42	204.93
23 82 39 13-0045 EA For Ceiling Installation of 78" Cabinet Unit Heater, Add.....	273.24	136.62
<b>23 82 39 13-0046 Removal and Reinstallation of Cabinet Unit Heaters</b> <small>(23 82 39 13)</small> Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047 EA Remove And Reinstall Up To 58" Cabinet Unit Heater, Floor or Wall.....	191.73	
23 82 39 13-0048 EA Remove And Reinstall >58" Cabinet Unit Heater, Floor or Wall .....	331.17	
23 82 39 13-0049 EA Remove And Reinstall Up To 58" Cabinet Unit Heater, Ceiling .....	395.30	
23 82 39 13-0050 EA Remove And Reinstall >58" Cabinet Unit Heater, Ceiling.....	534.74	
<b>23 82 39 16 Propeller Unit Heaters</b> <small>(23 82 39)</small>		
<b>23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water</b> <small>(23 82 39 16)</small> Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
<b>23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt</b> <small>(23 82 39 16-0001)</small>		
23 82 39 16-0003 EA 18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	572.11	69.72
23 82 39 16-0004 EA 24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	573.29	69.72
23 82 39 16-0005 EA 36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	641.13	69.72
23 82 39 16-0006 EA 48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	781.45	104.58
23 82 39 16-0007 EA 60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	816.16	104.58
23 82 39 16-0008 EA 72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	867.84	104.58
23 82 39 16-0009 EA 84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,039.30	139.44
23 82 39 16-0010 EA 96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,143.42	139.44
23 82 39 16-0011 EA 108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,209.68	139.44
23 82 39 16-0012 EA 120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,263.32	139.44
23 82 39 16-0013 EA 132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,422.97	174.29
23 82 39 16-0014 EA 144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,441.12	174.29
23 82 39 16-0015 EA 156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,458.48	174.29
23 82 39 16-0016 EA 180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,549.45	209.15
23 82 39 16-0017 EA 204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,685.12	209.15
23 82 39 16-0018 EA 240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,921.39	244.01
23 82 39 16-0019 EA 280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,412.82	244.01
23 82 39 16-0020 EA 300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,562.94	278.87
23 82 39 16-0021 EA 360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,067.79	278.87
23 82 39 16-0022 EA Fan Guard For Fan Propelled Steam Unit Heater, Horizontal.....	155.14	17.43
Note: Required only for unit heaters located within 7' of a working surface.		
<b>23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt</b> <small>(23 82 39 16-0001)</small>		
23 82 39 16-0024 EA 41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	828.00	69.72
23 82 39 16-0025 EA 65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	865.46	104.58
23 82 39 16-0026 EA 80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	933.70	104.58
23 82 39 16-0027 EA 101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,145.80	139.44
23 82 39 16-0028 EA 124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,212.84	139.44
23 82 39 16-0029 EA 152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,427.97	209.15
23 82 39 16-0030 EA 173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,530.51	209.15
23 82 39 16-0031 EA 210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,616.50	209.15
23 82 39 16-0032 EA 249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,803.85	244.01
23 82 39 16-0033 EA 283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,905.62	244.01
23 82 39 16-0034 EA 333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,111.49	244.01
23 82 39 16-0035 EA 386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,438.61	313.73
23 82 39 16-0036 EA 496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,123.31	313.73
23 82 39 16-0037 EA 585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,333.14	313.73
23 82 39 16-0038 EA 705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,795.69	348.59
23 82 39 16-0039 EA Fan Guard For Fan Propelled Steam Unit Heater, Vertical.....	213.52	17.43
Note: Required only for unit heaters located within 7' of a working surface.		
<b>23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters</b> <small>(23 82 39 16)</small> Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 16-0041 EA Remove And Reinstall Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical .....	418.30	
23 82 39 16-0042 EA Remove And Reinstall >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical.....	557.75	
<b>23 82 39 19 Wall and Ceiling Unit Heaters</b> <small>(23 82 39)</small>		





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				<b>23 82 39 19-0001 Electric Unit Heaters</b> <small>(23 82 39 19)</small>		
				Note: May be mounted both vertically and horizontally.		
				23 82 39 19-0002 EA 3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	658.20	68.31
				23 82 39 19-0003 EA 5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	658.20	68.31
				23 82 39 19-0004 EA 7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	888.70	85.39
				23 82 39 19-0005 EA 10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	1,015.07	102.47
				23 82 39 19-0006 EA 15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	1,493.17	136.62
				23 82 39 19-0007 EA 20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt .....	2,201.40	170.77
				23 82 39 19-0008 EA 30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt.....	3,067.25	204.93
				23 82 39 19-0009 EA 50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt.....	4,539.95	239.09
				23 82 39 19-0010 EA 3 KW, 350 CFM Electric Unit Heater - 480 Volt .....	827.76	68.31
				23 82 39 19-0011 EA 5 KW, 350 CFM Electric Unit Heater - 480 Volt .....	794.66	68.31
				23 82 39 19-0012 EA 7.5 KW, 650 CFM Electric Unit Heater - 480 Volt .....	937.17	85.39
				23 82 39 19-0013 EA 10 KW, 650 CFM Electric Unit Heater - 480 Volt .....	1,078.11	102.47
				23 82 39 19-0014 EA 15 KW, 910 CFM Electric Unit Heater - 480 Volt .....	1,619.27	136.62
				<b>23 82 39 19-0015 Electric Ceiling and Wall Heaters</b> <small>(23 82 39 19)</small>		
				Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
				23 82 39 19-0016 EA 1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater .....	248.59	38.94
				23 82 39 19-0017 EA 1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater .....	281.75	47.82
				23 82 39 19-0018 EA 3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater .....	464.64	47.82
				23 82 39 19-0019 EA 1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater.....	284.15	42.70
				23 82 39 19-0020 EA 1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater .....	347.65	47.82
				23 82 39 19-0021 EA 3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater .....	530.54	47.82
				23 82 39 19-0022 EA 1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater .....	373.63	56.35
				23 82 39 19-0023 EA 3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater .....	711.02	59.77
				23 82 39 19-0024 EA 4,800/3,600 Watt Recessed Electric Ceiling Heater .....	802.49	59.77
				23 82 39 19-0025 EA 4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater .....	933.51	63.19
				23 82 39 19-0026 EA 5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater .....	1,013.83	63.19
				23 82 39 19-0027 EA 1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater.....	421.15	56.35
				23 82 39 19-0028 EA 3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater.....	785.86	59.77
				23 82 39 19-0029 EA 4,800/3,600 Watt Surface Mounted Electric Ceiling Heater.....	877.34	59.77
				<b>23 82 39 19-0030 Removal And Reinstallation Of Electric Unit Heaters</b> <small>(23 82 39 19)</small>		
				Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
				23 82 39 19-0031 EA Remove And Reinstall Up To 15KW Electric Unit Heater .....	251.00	
				23 82 39 19-0032 EA Remove And Reinstall >15 KW Electric Unit Heater.....	515.98	
				<b>23 83 Radiant Heating Units</b> <small>(23 80)</small>		
				<b>23 83 13 Radiant-Heating Electric Cables</b> <small>(23 83)</small>		
				<b>23 83 13 00-0001 Self Regulating Heating Cable</b> <small>(23 83 13)</small>		
				23 83 13 00-0002 LF 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable .....	5.23	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.07	
				23 83 13 00-0003 LF 5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable .....	5.76	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.20	
				23 83 13 00-0004 LF 8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable .....	6.22	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.32	
				23 83 13 00-0005 LF 3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable .....	5.39	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.11	
				23 83 13 00-0006 LF 5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable .....	5.90	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.24	
				23 83 13 00-0007 LF 8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable .....	6.43	0.48
				Note: Tinned copper braid, @ 50° F.		
				For TPE Covering, Add .....	1.37	
				23 83 13 00-0008 EA Power Connection Kit .....	171.01	37.95
				Note: Includes pre-set thermostat.		
				23 83 13 00-0009 EA Splice And Tee Kit .....	171.01	37.95
				23 83 13 00-0010 EA End Seal Kit.....	108.91	6.90
				23 83 13 00-0011 EA Ambient Air Sensing Thermostat .....	295.04	17.25
				23 83 13 00-0012 EA Line Sensing Thermostat.....	324.64	17.25
				Note: Mechanical or electronic.		

**END OF SECTION 23**

**23 Heating, Ventilating, And Air-Conditioning (HVAC)**

23 80 Decentralized Unitary HVAC Equipment

23 83 Radiant Heating Units



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MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

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<b>Integrated Automation</b>	<b>25</b>	<b>25</b>
Integrated Automation Facility Controls	25 50	
Integrated Automation Control Of HVAC	25 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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25 Integrated Automation

25 50 Integrated Automation Facility Controls (25)

25 55 Integrated Automation Control Of HVAC (25 50)  
 See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

**END OF SECTION 25**

25	<b>25</b>	<b>Integrated Automation</b>
	25 50	Integrated Automation Facility Controls
	25 55	Integrated Automation Control Of HVAC



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

### 26 01 Operation and Maintenance of Electrical Systems <sup>(26)</sup>

#### 26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution <sup>(26 01)</sup>

<b>26 01 20 00-0001</b>	<b>Lock Out/Tag Out Devices</b> <sup>(26 01 20)</sup> Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.	
26 01 20 00-0002	EA Lock Out/Tag Out Local Disconnect .....	17.25
26 01 20 00-0003	EA Lock Out/Tag Out Breaker Or Motor Starter .....	17.25
26 01 20 00-0004	EA Lock Out/Tag Out Tags .....	2.20
<b>26 01 20 00-0005</b>	<b>Existing Circuit Tracing</b> <sup>(26 01 20)</sup>	
26 01 20 00-0006	EA Motors, Disconnects And Other Single Source Devices, Existing Circuit Tracing Per Device .....	14.35
26 01 20 00-0007	EA Lighting, Existing Circuit Tracing Per Circuit .....	14.35

#### 26 01 50 Operation and Maintenance of Lighting <sup>(26 01)</sup>

##### 26 01 50 51 Luminaire Relamping <sup>(26 01 50)</sup>

<b>26 01 50 51-0001</b>	<b>Replace Lamps In Existing Fixtures</b> <sup>(26 01 50 51)</sup> Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0126 for disposal of hazardous lamps.	
<b>26 01 50 51-0002</b>	<b>Halogen Lamps</b> <sup>(26 01 50 51-0001)</sup>	
26 01 50 51-0003	EA 300 Watt, T3, Tungsten Halogen Lamp .....	41.70
26 01 50 51-0004	EA 500 Watt, T3, Tungsten Halogen Lamp .....	54.88
26 01 50 51-0005	EA 1,000 Watt, T3, Tungsten Halogen Lamp .....	83.49
26 01 50 51-0006	EA 60 Watt, PAR38, Halogen Lamp .....	18.26
26 01 50 51-0007	EA 75 Watt, PAR38, Halogen Lamp .....	18.26
26 01 50 51-0008	EA 90 Watt, PAR38, Halogen Lamp .....	17.09
26 01 50 51-0009	EA 100 Watt, PAR38, Halogen Lamp .....	17.09
<b>26 01 50 51-0010</b>	<b>Incandescent Lamps</b> <sup>(26 01 50 51-0001)</sup>	
26 01 50 51-0011	EA 100 Watt, Frosted, Interior Incandescent Lamp .....	4.14
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14
26 01 50 51-0012	EA 150 Watt, Frosted, Interior Incandescent Lamp .....	5.65
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14
26 01 50 51-0013	EA 200 Watt, Frosted, Interior Incandescent Lamp .....	7.33
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14
26 01 50 51-0014	EA 300 Watt, PS25, Interior Incandescent Lamp .....	9.43
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14
26 01 50 51-0015	EA 60 Watt, G25, Clear, Interior Incandescent Lamp .....	6.60
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14
26 01 50 51-0016	EA 75 Watt, R20, Interior Incandescent Lamp .....	11.17
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.37
26 01 50 51-0017	EA 75 Watt, PAR38, Exterior Incandescent Lamp .....	14.12
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.37
26 01 50 51-0018	EA 100 Watt, PAR38, Exterior Incandescent Lamp .....	12.95
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.37
26 01 50 51-0019	EA 150 Watt, PAR38, Exterior Incandescent Lamp .....	24.11
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.37
26 01 50 51-0020	EA 250 Watt, PAR38, Exterior Incandescent Lamp .....	51.85
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.59
26 01 50 51-0021	EA 300 Watt, PAR56, Exterior Incandescent Lamp .....	60.04
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.59
<b>26 01 50 51-0022</b>	<b>Exit Light Lamps</b> <sup>(26 01 50 51-0001)</sup>	
26 01 50 51-0023	EA Convert Exit Light Lamps To Red LED Lamps .....	72.84
	<i>For Green LED Lamps, Add</i>	25.00
26 01 50 51-0024	EA Fluorescent Lamp For Exit Light .....	21.18
	<i>For Multiple Lamps In Fixture, Deduct</i>	-4.55
26 01 50 51-0025	EA Lamp Replacement For Emergency Lights On Exit Sign .....	33.63
	<i>For Multiple Lamps In Fixture, Deduct</i>	-2.28
<b>26 01 50 51-0026</b>	<b>Fluorescent Lamps</b> <sup>(26 01 50 51-0001)</sup>	
26 01 50 51-0027	EA 18", 15 Watt, T8 Fluorescent Lamp .....	7.05
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82
26 01 50 51-0028	EA 2', 17 Watt, T8 Fluorescent Lamp .....	8.37
	<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0029 EA 3', 25 Watt, T8 Fluorescent Lamp .....	9.60	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0030 EA 4', 32 Watt, T8 Fluorescent Lamp .....	11.00	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0031 EA 4', 30 Watt, T8 Fluorescent Lamp .....	11.88	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0032 EA 4', 28 Watt, T8 Fluorescent Lamp .....	10.49	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0033 EA 4', 25 Watt, T8 Fluorescent Lamp .....	10.44	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0034 EA 4', 44 Watt, T8HO Fluorescent Lamp .....	16.41	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0035 EA 8', 59 Watt, T8 Fluorescent Lamp .....	12.66	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0036 EA 18", 15 Watt, T12 Fluorescent Lamp .....	10.38	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0037 EA 2', 20 Watt, T12 Fluorescent Lamp .....	7.99	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0038 EA 3', 30 Watt, T12 Fluorescent Lamp .....	8.98	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0039 EA 4', 34 Watt, T12 Fluorescent Lamp .....	9.02	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0040 EA 4', 40 Watt, T12 Fluorescent Lamp .....	8.85	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0041 EA 8', 60 Watt, T12 Fluorescent Lamp .....	12.97	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0042 EA 8', 75 Watt, T12 Fluorescent Lamp .....	11.05	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0043 EA 6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp .....	10.50	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0044 EA 8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp .....	8.73	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0045 EA 12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp .....	8.46	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0046 EA 16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp .....	9.30	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0047 EA 32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp .....	15.16	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.28	
26 01 50 51-0048 EA 40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp .....	14.64	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.28	
26 01 50 51-0049 EA 6", 4 Watt, T5 Fluorescent Lamp .....	7.76	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0050 EA 9", 6 Watt, T5 Fluorescent Lamp .....	7.65	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0051 EA 12", 8 Watt, T5 Fluorescent Lamp .....	7.87	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0052 EA 21", 13 Watt, T5 Fluorescent Lamp .....	8.21	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0053 EA 24", 14 Watt, T5 Fluorescent Lamp .....	9.38	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.82	
26 01 50 51-0054 EA 34", 21 Watt, T5 Fluorescent Lamp .....	10.22	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0055 EA 46", 28 Watt, T5 Fluorescent Lamp .....	9.92	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0056 EA 46", 54 Watt T5HO Fluorescent Lamp .....	10.80	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.05	
26 01 50 51-0057 EA 5-13 Watt, 2-Pin Compact Fluorescent Lamp .....	6.05	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14	
26 01 50 51-0058 EA 9-26 Watt, 4-Pin Compact Fluorescent Lamp .....	6.66	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14	
26 01 50 51-0059 EA 27-55 Watt, 4-Pin Compact Fluorescent Lamp .....	13.35	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.14	
<b>26 01 50 51-0060 Mercury Vapor Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0061 EA 100 Watt, Mercury Vapor Lamp .....	26.33	
26 01 50 51-0062 EA 175 Watt, Mercury Vapor Lamp .....	22.09	
26 01 50 51-0063 EA 250 Watt, Mercury Vapor Lamp .....	22.71	
26 01 50 51-0064 EA 400 Watt, Mercury Vapor Lamp .....	27.02	
26 01 50 51-0065 EA 1,000 Watt, Mercury Vapor Lamp .....	40.01	
<b>26 01 50 51-0066 Metal Halide Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0067 EA 50 Watt, Pulse Start Metal Halide Lamp .....	24.70	
26 01 50 51-0068 EA 70 Watt, Pulse Start Metal Halide Lamp .....	28.47	
26 01 50 51-0069 EA 100 Watt, Pulse Start Metal Halide Lamp .....	29.48	
26 01 50 51-0070 EA 150 Watt, Pulse Start Metal Halide Lamp .....	31.10	
26 01 50 51-0071 EA 175 Watt, Probe Start Metal Halide Lamp .....	27.15	
26 01 50 51-0072 EA 175 Watt, Pulse Start Metal Halide Lamp .....	35.94	
26 01 50 51-0073 EA 250 Watt, Probe Start Metal Halide Lamp .....	24.83	
26 01 50 51-0074 EA 250 Watt, Pulse Start Metal Halide Lamp .....	33.12	
26 01 50 51-0075 EA 400 Watt, Probe Start Metal Halide Lamp .....	27.40	
26 01 50 51-0076 EA 400 Watt, Pulse Start Metal Halide Lamp .....	33.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0077 EA 1,000 Watt, Probe Start Metal Halide Lamp.....	34.35	
26 01 50 51-0078 EA 1,000 Watt, Pulse Start Metal Halide Lamp.....	37.72	
26 01 50 51-0079 EA 1,500 Watt, Probe Start Metal Halide Lamp.....	42.06	
<b>26 01 50 51-0080 High Pressure Sodium Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0081 EA 35 Watt, High Pressure Sodium Lamp.....	23.96	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0082 EA 50 Watt, High Pressure Sodium Lamp.....	23.96	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0083 EA 70 Watt, High Pressure Sodium Lamp.....	24.27	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0084 EA 100 Watt, High Pressure Sodium Lamp.....	24.93	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0085 EA 150 Watt, High Pressure Sodium Lamp.....	25.50	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0086 EA 250 Watt, High Pressure Sodium Lamp.....	24.08	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0087 EA 400 Watt, High Pressure Sodium Lamp.....	26.08	
For Enclosed And Gasket Light Fixtures, Add	1.76	
26 01 50 51-0088 EA 1,000 Watt, High Pressure Sodium Lamp.....	54.77	
<b>26 01 50 51-0089 Low Pressure Sodium Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0090 EA 35 Watt, Low Pressure Sodium Lamp.....	53.88	
26 01 50 51-0091 EA 55 Watt, Low Pressure Sodium Lamp.....	60.01	
26 01 50 51-0092 EA 70 Watt, Low Pressure Sodium Lamp.....	61.39	
26 01 50 51-0093 EA 90 Watt, Low Pressure Sodium Lamp.....	62.77	
26 01 50 51-0094 EA 135 Watt, Low Pressure Sodium Lamp.....	68.29	
26 01 50 51-0095 EA 180 Watt, Low Pressure Sodium Lamp.....	93.14	
<b>26 01 50 51-0096 LED Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0097 EA 3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star).....	14.12	
26 01 50 51-0098 EA 8 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	23.59	
26 01 50 51-0099 EA 11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	30.81	
26 01 50 51-0100 EA 13.5 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	25.64	
26 01 50 51-0101 EA 8 Watt (40 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star).....	26.81	
26 01 50 51-0102 EA 17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star).....	44.11	
26 01 50 51-0103 EA 8 Watt (50 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star).....	30.87	
26 01 50 51-0104 EA 11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star).....	37.48	
26 01 50 51-0105 EA 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star).....	43.64	
26 01 50 51-0106 EA 11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	39.98	
26 01 50 51-0107 EA 14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	41.18	
26 01 50 51-0108 EA 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	44.37	
26 01 50 51-0109 EA 18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	45.94	
26 01 50 51-0110 EA 7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star).....	28.21	
26 01 50 51-0111 EA 12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star).....	40.33	
26 01 50 51-0112 EA 16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	41.50	
26 01 50 51-0113 EA 15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	41.50	
26 01 50 51-0114 EA 12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	28.56	
26 01 50 51-0115 EA 12 Watt (50 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	42.09	
26 01 50 51-0116 EA 15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	37.97	
26 01 50 51-0117 EA 18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	43.86	
26 01 50 51-0118 EA 15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	42.09	
26 01 50 51-0119 EA 18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	43.86	
26 01 50 51-0120 EA 19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star).....	46.45	
26 01 50 51-0121 EA 24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	45.03	
26 01 50 51-0122 EA 4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star).....	23.30	
26 01 50 51-0123 EA 6 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star).....	27.83	
26 01 50 51-0124 EA 6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star).....	30.87	
26 01 50 51-0125 EA 8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star).....	38.64	
<b>26 01 50 51-0126 Recycle Hazardous Lamps (26 01 50 51)</b>		
Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		
26 01 50 51-0127 EA Recycle 2' Length Linear Fluorescent Lamps.....	0.23	
26 01 50 51-0128 EA Recycle 3' Length Linear Fluorescent Lamps.....	0.35	
26 01 50 51-0129 EA Recycle 4' Length Linear Fluorescent Lamps.....	0.47	
26 01 50 51-0130 EA Recycle 6' Length Linear Fluorescent Lamps.....	0.70	
26 01 50 51-0131 EA Recycle 8' Length Linear Fluorescent Lamps.....	0.94	
26 01 50 51-0132 EA Recycle Compact Fluorescent Lamps.....	0.42	
26 01 50 51-0133 EA Recycle U-Shaped Or Circular Fluorescent Lamps.....	0.42	
26 01 50 51-0134 EA Recycle High Intensity Discharge (HID) Lamps.....	1.46	
<b>26 01 50 52 Ballasts And Accessories (26 01 50)</b>		
<b>26 01 50 52-0001 Lighting Ballasts (26 01 50 52)</b>		
Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0002			Fluorescent Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0003			T5 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0004			T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005			14 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0006	EA		1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	51.17	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0007	EA		2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.63	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0008			21 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0009	EA		1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	51.17	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0010	EA		2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.63	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0011			28 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0012	EA		1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	51.17	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0013	EA		2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.63	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
			<i>For High Ballast Factor, Add</i>	2.62	
26 01 50 52-0014			35 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0015	EA		1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	51.17	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0016	EA		2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.63	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0017			54 Watt, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0004)</small>		
26 01 50 52-0018	EA		1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	51.12	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0019	EA		2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.58	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0020	EA		3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	73.72	20.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0021	EA		4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	77.17	24.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0022			High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023			12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0024	EA		1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	43.71	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0025	EA		2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	47.17	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0026			24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0027	EA		1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	55.63	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0028	EA		2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	59.09	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0029			39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0030	EA		1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	55.63	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0031	EA		2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	59.09	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0032			54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0022)</small>		
26 01 50 52-0033	EA		1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	43.71	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0034	EA		2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	47.17	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0035 Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small>		
26 01 50 52-0036 Step Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast <small>(26 01 50 52-0036)</small>		
26 01 50 52-0038 EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast.....	63.41	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0039 Dimming To 5%, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040 54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0039)</small>		
26 01 50 52-0041 EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast.....	168.53	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0042 EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast.....	167.48	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0043 T8 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0044 T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small> Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045 17 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0046 EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	25.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
<i>For High Ballast Factor, Add</i>	6.38	
26 01 50 52-0047 EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.57	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
<i>For High Ballast Factor, Add</i>	4.20	
26 01 50 52-0048 EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<i>For High Ballast Factor, Add</i>	6.38	
26 01 50 52-0049 EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	44.03	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<i>For High Ballast Factor, Add</i>	4.20	
26 01 50 52-0050 EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.81	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
<i>For High Ballast Factor, Add</i>	6.22	
26 01 50 52-0051 EA 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.84	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
<i>For High Ballast Factor, Add</i>	3.57	
26 01 50 52-0052 EA 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.02	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<i>For High Ballast Factor, Add</i>	15.74	
26 01 50 52-0053 EA 4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	55.13	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<i>For High Ballast Factor, Add</i>	9.19	
26 01 50 52-0054 25 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0055 EA 1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	25.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
<i>For High Ballast Factor, Add</i>	6.38	
26 01 50 52-0056 EA 1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.57	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
<i>For High Ballast Factor, Add</i>	4.20	
26 01 50 52-0057 EA 2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<i>For High Ballast Factor, Add</i>	6.38	
26 01 50 52-0058 EA 2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	44.03	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<i>For High Ballast Factor, Add</i>	4.20	
26 01 50 52-0059 EA 3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.81	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
<i>For High Ballast Factor, Add</i>	6.22	
26 01 50 52-0060 EA 3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.84	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
<i>For High Ballast Factor, Add</i>	3.57	
26 01 50 52-0061 EA 4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.02	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<i>For High Ballast Factor, Add</i>	15.74	
26 01 50 52-0062 EA 4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	55.13	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<i>For High Ballast Factor, Add</i>	9.19	
26 01 50 52-0063 28 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0064 EA 1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	25.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
<i>For High Ballast Factor, Add</i>	6.38	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.57	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.66	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	6.38		
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	44.03	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.81	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
		<i>For High Ballast Factor, Add</i>	6.22		
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.84	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
		<i>For High Ballast Factor, Add</i>	3.57		
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.02	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
		<i>For High Ballast Factor, Add</i>	15.74		
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	55.13	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
		<i>For High Ballast Factor, Add</i>	9.19		
<b>26 01 50 52-0072</b>		<b>32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>			
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	25.20	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	6.38		
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.57	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.66	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	6.38		
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	44.03	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.81	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
		<i>For High Ballast Factor, Add</i>	6.22		
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.84	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
		<i>For High Ballast Factor, Add</i>	3.57		
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.02	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
		<i>For High Ballast Factor, Add</i>	15.74		
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	55.13	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
		<i>For High Ballast Factor, Add</i>	9.19		
<b>26 01 50 52-0081</b>		<b>40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>			
26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	37.31	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	2.73		
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.57	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.77	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	2.73		
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	44.03	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	4.20		
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	50.62	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
		<i>For High Ballast Factor, Add</i>	1.68		
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.84	20.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21		
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	54.07	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
		<i>For High Ballast Factor, Add</i>	1.68		
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	55.13	24.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25		
<b>26 01 50 52-0090</b>		<b>96 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>			
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	43.71	13.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14		
		<i>For High Ballast Factor, Add</i>	5.85		
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	47.17	17.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18		
		<i>For High Ballast Factor, Add</i>	5.85		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 01 50 52-0093</b> <b>High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0043)</small> Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0094</b> <b>48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>		
26 01 50 52-0095    EA    1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 51.96	51.96	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0096    EA    1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 66.20	66.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0097    EA    2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 55.42	55.42	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0098    EA    2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 69.66	69.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
<b>26 01 50 52-0099</b> <b>60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>		
26 01 50 52-0100    EA    1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 51.96	51.96	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0101    EA    1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 66.20	66.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0102    EA    2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 55.42	55.42	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0103    EA    2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 69.66	69.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
<b>26 01 50 52-0104</b> <b>72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>		
26 01 50 52-0105    EA    1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 51.96	51.96	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0106    EA    1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 66.20	66.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0107    EA    2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 55.42	55.42	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0108    EA    2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 69.66	69.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
<b>26 01 50 52-0109</b> <b>96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>		
26 01 50 52-0110    EA    1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 51.96	51.96	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0111    EA    1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 66.20	66.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0112    EA    2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 55.42	55.42	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0113    EA    2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast ..... 69.66	69.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
<b>26 01 50 52-0114</b> <b>Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0043)</small>		
<b>26 01 50 52-0115</b> <b>Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0114)</small> Note: Includes 120/277 Volt and high ballast factor.		
<b>26 01 50 52-0116</b> <b>17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0115)</small>		
26 01 50 52-0117    EA    1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 36.13	36.13	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0118    EA    2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 39.59	39.59	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0119    EA    3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 45.69	45.69	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.21	
26 01 50 52-0120    EA    4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 55.03	55.03	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	7.25	
26 01 50 52-0121    EA    5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 81.93	81.93	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.28	
26 01 50 52-0122    EA    6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 85.38	85.38	31.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	9.32	
<b>26 01 50 52-0123</b> <b>25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0115)</small>		
26 01 50 52-0124    EA    1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 36.13	36.13	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 01 50 52-0125    EA    2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 39.59	39.59	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.18	
26 01 50 52-0126    EA    3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 45.69	45.69	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.21	
26 01 50 52-0127    EA    4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 55.03	55.03	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	7.25	
26 01 50 52-0128    EA    5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 81.93	81.93	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.28	
26 01 50 52-0129    EA    6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast ..... 85.38	85.38	31.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	9.32	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0168 EA 2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	39.59	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0169 EA 3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	44.51	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0170 EA 4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	55.03	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0171 EA 5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	78.18	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 01 50 52-0172 EA 6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	81.63	31.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0151)</b>		
26 01 50 52-0174 EA 1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	36.13	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0175 EA 2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	39.59	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0176 EA 3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	44.51	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0177 EA 4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	55.03	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0178 EA 5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	78.18	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 01 50 52-0179 EA 6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	81.63	31.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0151)</b>		
26 01 50 52-0181 EA 1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	36.13	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0182 EA 2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	39.59	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0183 EA 3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	44.51	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0184 EA 4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	55.03	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0185 EA 5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	78.18	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 01 50 52-0186 EA 6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	81.63	31.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 01 50 52-0187 Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0114)</b>		
Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0188 17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)</b>		
26 01 50 52-0189 EA 1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	62.88	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0190 EA 2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	66.34	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0191 EA 3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	79.29	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0192 EA 4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	82.74	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0193 25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)</b>		
26 01 50 52-0194 EA 1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	62.88	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0195 EA 2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	66.34	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0196 EA 3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	79.29	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0197 EA 4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	82.74	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0198 28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)</b>		
26 01 50 52-0199 EA 1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	62.88	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0200 EA 2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	66.34	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0201 EA 3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	79.29	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
26 01 50 52-0202 EA 4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	82.74	24.15
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0203 32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)</b>		
26 01 50 52-0204 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	62.88	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0205 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	66.34	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0206	EA		3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.29 6.21	20.70
26 01 50 52-0207	EA		4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.74 7.25	24.15
26 01 50 52-0208			<b>T10 Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		
26 01 50 52-0209			<b>T10 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0208)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210			<b>40 Watt, T10 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0209)</small>		
26 01 50 52-0211	EA		1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.63 4.14	13.79
26 01 50 52-0212	EA		2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.09 5.18	17.25
26 01 50 52-0213	EA		3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.32 6.21	20.70
26 01 50 52-0214			<b>T12 Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		
26 01 50 52-0215			<b>T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216			<b>25 Watt, T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0215)</small>		
26 01 50 52-0217	EA		1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.20 4.14	13.79
26 01 50 52-0218	EA		1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.63 4.14	13.79
26 01 50 52-0219	EA		2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.66 5.18	17.25
26 01 50 52-0220	EA		2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.09 5.18	17.25
26 01 50 52-0221	EA		3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.81 6.21	20.70
26 01 50 52-0222	EA		4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.02 7.25	24.15
26 01 50 52-0223			<b>30 Watt, T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0215)</small>		
26 01 50 52-0224	EA		1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.63 4.14	13.79
26 01 50 52-0225	EA		2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.09 5.18	17.25
26 01 50 52-0226	EA		3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.32 6.21	20.70
26 01 50 52-0227			<b>34 Watt, T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0215)</small>		
26 01 50 52-0228	EA		1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.63 4.14	13.79
26 01 50 52-0229	EA		2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.09 5.18	17.25
26 01 50 52-0230	EA		3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.32 6.21	20.70
26 01 50 52-0231			<b>40 Watt, T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0215)</small>		
26 01 50 52-0232	EA		1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.63 4.14	13.79
26 01 50 52-0233	EA		2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.09 5.18	17.25
26 01 50 52-0234	EA		3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.32 6.21	20.70
26 01 50 52-0235			<b>96 Watt, T12 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0215)</small>		
26 01 50 52-0236	EA		1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.93 4.14	13.79
26 01 50 52-0237	EA		2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.17 5.18	17.25
26 01 50 52-0238			<b>High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239			<b>48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0240	EA		1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.11 4.14	13.79
26 01 50 52-0241	EA		2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.57 5.18	17.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 01 50 52-0242</b> <b>60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0243     EA   1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	52.11	13.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 01 50 52-0244     EA   2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.57	17.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
<b>26 01 50 52-0245</b> <b>72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0246     EA   1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	52.11	13.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 01 50 52-0247     EA   2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.57	17.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
<b>26 01 50 52-0248</b> <b>96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0249     EA   2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	52.11	13.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 01 50 52-0250     EA   2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.57	17.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
<b>26 01 50 52-0251</b> <b>Emergency Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		
Note: 120/277 Volt.		
26 01 50 52-0252     EA   One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100).....	83.69	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0253     EA   Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60).....	132.54	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0254     EA   One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50).....	162.48	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0255     EA   One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A).....	122.54	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0256     EA   Two Or Three Lamp, 2,700-3,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33).....	541.52	20.70
For Factory Installation In New Fixtures, Deduct	-30.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.11	
26 01 50 52-0257     EA   One Lamp, 225-450 Lumens, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54).....	164.25	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0258     EA   One Or Two Lamp, 325-1,000 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG).....	269.85	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0259     EA   One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG).....	152.62	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0260     EA   One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413).....	204.37	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0261     EA   One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463).....	160.42	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0262     EA   One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426).....	180.51	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0263     EA   One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500).....	194.59	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0264     EA   Two Lamp, 600-700 Lumens, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600).....	165.22	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	
26 01 50 52-0265     EA   One Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700).....	167.17	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0266     EA   One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900).....	146.81	13.79
For Factory Installation In New Fixtures, Deduct	-27.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.28	
26 01 50 52-0267     EA   One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C).....	152.62	17.25
For Factory Installation In New Fixtures, Deduct	-28.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.69	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0268 EA One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400).....	149.00	13.79
<i>For Factory Installation In New Fixtures, Deduct</i>	-27.60	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 01 50 52-0269 EA One Or Two Lamp, 1,100-1,400 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST) .....	265.76	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-28.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 01 50 52-0270 EA One Or Two Lamp, 1,800-3,500 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST) .....	329.98	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-28.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 01 50 52-0271 EA One Or Two Lamp, 1,450-3,500 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT) .....	609.37	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-28.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 01 50 52-0272 EA One Or Two Lamp, 1,100-1,400 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT) .....	426.14	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-28.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 01 50 52-0273 EA One Or Two Lamp, 1,100-3,100 Lumens, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48) .....	221.29	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-28.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 01 50 52-0274 EA One Lamp, 1,050-3,200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1) .....	283.67	13.79
<i>For Factory Installation In New Fixtures, Deduct</i>	-27.60	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 01 50 52-0275 EA 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250- SD) .....	1,546.37	17.25
<i>For Factory Installation In New Fixtures, Deduct</i>	-27.60	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 01 50 52-0276 Compact Fluorescent Ballasts (26 01 50 52-0001)</b>		
<b>26 01 50 52-0277 Compact Fluorescent Electronic Ballasts (26 01 50 52-0276)</b> Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0278 18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0279 EA 1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	48.65	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0280 EA 2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	52.11	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<b>26 01 50 52-0281 26 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0282 EA 1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	48.65	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0283 EA 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	52.11	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<b>26 01 50 52-0284 32 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0285 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	59.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0286 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<b>26 01 50 52-0287 40 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0288 EA 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	47.39	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0289 EA 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	59.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0290 EA 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	86.30	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0291 EA 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0292 EA 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	102.10	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.21	
<b>26 01 50 52-0293 42 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0294 EA 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	59.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0295 EA 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
<b>26 01 50 52-0296 55 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)</b>		
26 01 50 52-0297 EA 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	59.20	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0298 EA 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0299 Dimming, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0276)</small>		
26 01 50 52-0300 Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0299)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0301 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0302 EA 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....86.19 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.14	86.19	13.79
26 01 50 52-0303 EA 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....89.65 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	89.65	17.25
26 01 50 52-0304 26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0305 EA 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....86.19 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.14	86.19	13.79
26 01 50 52-0306 EA 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....89.65 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	89.65	17.25
26 01 50 52-0307 32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0308 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....86.19 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.14	86.19	13.79
26 01 50 52-0309 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....95.47 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	95.47	17.25
26 01 50 52-0310 40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0311 EA 2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....95.47 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	95.47	17.25
26 01 50 52-0312 42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0313 EA 1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....86.19 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.14	86.19	13.79
26 01 50 52-0314 EA 2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....95.47 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	95.47	17.25
26 01 50 52-0315 55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>		
26 01 50 52-0316 EA 1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....135.01 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.14	135.01	13.79
26 01 50 52-0317 EA 2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast .....152.17 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.18	152.17	17.25
26 01 50 52-0318 High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0319 Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0318)</small>		
26 01 50 52-0320 Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>		
26 01 50 52-0321 Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0320)</small>		
26 01 50 52-0322 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....97.75 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	97.75	17.25
26 01 50 52-0323 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....100.13 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	100.13	17.25
26 01 50 52-0324 EA 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....100.13 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	100.13	17.25
26 01 50 52-0325 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....89.43 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	89.43	17.25
26 01 50 52-0326 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....89.43 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	89.43	17.25
26 01 50 52-0327 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....138.76 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	138.76	17.25
26 01 50 52-0328 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....138.76 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	138.76	17.25
26 01 50 52-0329 EA 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....178.76 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	178.76	17.25
26 01 50 52-0330 EA 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....199.16 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	199.16	17.25
26 01 50 52-0331 High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0320)</small>		
26 01 50 52-0332 EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....88.34 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.25	88.34	17.25

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0333 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	93.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0334 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	91.37	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0335 EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	107.36	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0336 EA 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	105.08	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0337 EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	119.92	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0338 EA 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	119.92	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0339 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	144.61	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0340 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	144.61	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0341 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	231.23	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0342 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....	231.23	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0343 Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0320)</small>		
26 01 50 52-0344 EA Single Mounting Bracket For Core And Coil Type .....	9.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
26 01 50 52-0345 EA Double Mounting Bracket For Core And Coil Type .....	14.63	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.11	
<b>26 01 50 52-0346 F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0319)</small>		
<b>26 01 50 52-0347 Metal Halide, F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0346)</small>		
26 01 50 52-0348 EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	123.96	17.25
<i>For Pulse Start Ballast, Add</i>	9.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0349 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	130.56	17.25
<i>For Pulse Start Ballast, Add</i>	10.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0350 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	118.96	17.25
<i>For Pulse Start Ballast, Add</i>	9.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0351 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	138.03	17.25
<i>For Pulse Start Ballast, Add</i>	11.39	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0352 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	191.45	17.25
<i>For Pulse Start Ballast, Add</i>	16.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0353 High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0346)</small>		
26 01 50 52-0354 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	148.98	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0355 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	159.27	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0356 Postline High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0319)</small>		
<b>26 01 50 52-0357 Metal Halide, Postline High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0356)</small>		
26 01 50 52-0358 EA 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	247.64	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0359 High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0356)</small>		
26 01 50 52-0360 EA 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	381.31	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0361 EA 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	425.18	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0362 EA 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	410.00	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0363 Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0319)</small>		
<b>26 01 50 52-0364 Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0363)</small>		
26 01 50 52-0365 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	304.79	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0366 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	345.87	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0367 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	456.66	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0368 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	454.27	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0369 EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	636.30	18.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 01 50 52-0370 EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	636.30	18.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 01 50 52-0371 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	437.97	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0372 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	515.18	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0373 High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0363)</small>		
26 01 50 52-0374 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	568.28	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0375 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	541.07	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0376 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	695.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0377 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	695.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0378 Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0319)</small>		
<b>26 01 50 52-0379 Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0378)</small>		
26 01 50 52-0380 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	342.43	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0381 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	369.85	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0382 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	367.15	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0383 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	385.52	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0384 EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	612.34	18.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 01 50 52-0385 EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	752.61	18.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 01 50 52-0386 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	571.47	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0387 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	520.32	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0388 High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0378)</small>		
26 01 50 52-0389 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	441.92	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0390 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	476.51	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0391 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	711.32	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0392 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	612.11	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0393 Electronic High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0318)</small>		
<b>26 01 50 52-0394 Electronic Low Frequency High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0393)</small>		
26 01 50 52-0395 EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	137.11	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0396 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	137.11	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0397 EA 1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	154.45	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0398 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	397.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0399 EA 1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	397.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0400 EA 1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	397.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0401 EA 1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	397.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0402 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast.....	397.35	17.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
<b>26 01 50 52-0403 Owner Supplied Ballasts</b> <small>(26 01 50 52-0001)</small>		

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0404	EA		Install Owner Supplied, 1 Lamp Fluorescent Ballast.....	13.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.14	
26 01 50 52-0405	EA		Install Owner Supplied, 2 Lamp Fluorescent Ballast.....	17.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 01 50 52-0406	EA		Install Owner Supplied, 3 Lamp Fluorescent Ballast.....	20.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.00	
26 01 50 52-0407	EA		Install Owner Supplied, 4 Lamp Fluorescent Ballast.....	21.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 01 50 52-0408	EA		Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast.....	24.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.25	
26 01 50 52-0409	EA		Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast.....	25.53	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 01 50 52-0410			<b>Retrofit Lighting Fixtures</b> (26 01 50 52)		
26 01 50 52-0411			<b>Retrofit Existing (T12) Fluorescent Fixtures</b> (26 01 50 52-0410) Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0126 for hazardous lamp recycling.		
26 01 50 52-0412			<b>Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector</b> (26 01 50 52-0411) Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0413	EA		Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp.....	53.45	
			<i>For Specular Ballast Cover, Add</i>	5.86	
26 01 50 52-0414	EA		Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	57.97	
			<i>For Specular Ballast Cover, Add</i>	6.76	
26 01 50 52-0415	EA		Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	78.62	
			<i>For Specular Ballast Cover, Add</i>	10.89	
26 01 50 52-0416	EA		Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps.....	90.91	
			<i>For Specular Ballast Cover, Add</i>	13.35	
26 01 50 52-0417			<b>Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector</b> (26 01 50 52-0411) Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0418	EA		Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp.....	56.49	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0419	EA		Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps.....	61.37	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0420	EA		Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps.....	82.87	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0421	EA		Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps.....	103.42	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0422			<b>Retrofit Existing (T12) Troffer Style Fluorescent Fixtures</b> (26 01 50 52-0411) Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0423	EA		Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps.....	71.28	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0424	EA		Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps.....	75.80	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0425	EA		Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps.....	74.89	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0426	EA		Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps.....	82.87	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0427	EA		Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps.....	97.56	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0428	EA		Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps.....	79.45	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0429	EA		Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps.....	87.28	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0430	EA		Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps.....	94.16	
			<i>For Specular Reflector, Add</i>	17.05	
26 01 50 52-0431			<b>Retrofit Existing Recessed Lay-In/Troffer Fixtures</b> (26 01 50 52-0410)		
26 01 50 52-0432			<b>Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia)</b> (26 01 50 52-0431) Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.		
26 01 50 52-0433	EA		2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	149.31	
26 01 50 52-0434	EA		2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	149.31	
26 01 50 52-0435	EA		2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	149.31	
26 01 50 52-0436	EA		2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	164.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0437 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	149.31	
26 01 50 52-0438 EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	149.31	
26 01 50 52-0439 EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	149.31	
26 01 50 52-0440 EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	164.77	
26 01 50 52-0441 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	150.03	
26 01 50 52-0442 EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	150.03	
26 01 50 52-0443 EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	150.03	
26 01 50 52-0444 EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	165.49	
26 01 50 52-0445 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	150.03	
26 01 50 52-0446 EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	150.03	
26 01 50 52-0447 EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	150.03	
26 01 50 52-0448 EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	165.49	
<b>26 01 50 52-0449 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED)</b> <small>(26 01 50 52-0431)</small>		
<small>Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.</small>		
26 01 50 52-0450 EA 2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025).....	220.36	
26 01 50 52-0451 EA 4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045).....	230.87	
<b>26 01 50 52-0452 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™)</b> <small>(26 01 50 52-0431)</small>		
<small>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.</small>		
26 01 50 52-0453 EA 2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2600L).....	250.53	
26 01 50 52-0454 EA 2,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2500L).....	257.43	
26 01 50 52-0455 EA 3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	257.43	
26 01 50 52-0456 EA 3,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3400L).....	285.04	
26 01 50 52-0457 EA 4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	291.66	
26 01 50 52-0458 EA 5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	312.64	
<b>26 01 50 52-0459 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)</b> <small>(26 01 50 52-0431)</small>		
<small>Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.</small>		
26 01 50 52-0460 EA 1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	138.69	
26 01 50 52-0461 EA 1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	109.41	
26 01 50 52-0462 EA 2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	143.67	
26 01 50 52-0463 EA 2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	114.45	
26 01 50 52-0464 EA 3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	151.83	
26 01 50 52-0465 EA 3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	124.85	
26 01 50 52-0466 EA 1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	164.98	
26 01 50 52-0467 EA 1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	135.64	
26 01 50 52-0468 EA 2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	169.56	
26 01 50 52-0469 EA 2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	140.39	
26 01 50 52-0470 EA 3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	177.49	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0471 EA 3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	150.63	
<b>26 01 50 52-0472 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) (26 01 50 52-0431)</b>		
Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.		
26 01 50 52-0473 EA 3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT).....	327.94	
26 01 50 52-0474 EA 4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT).....	364.02	

**26 01 50 53 Lens and Accessory Replacement (26 01 50)**

26 01 50 53-0001 EA Parabolic Aluminum Louver Replacement.....	61.50	
26 01 50 53-0002 EA Visor For Fixtures.....	123.18	
26 01 50 53-0003 EA Replace Globe On Pole.....	149.88	
26 01 50 53-0004 EA Replace Lenses For Flat Top Pole Fixtures.....	57.95	
26 01 50 53-0005 EA Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	19.09	
26 01 50 53-0006 EA Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	19.95	
26 01 50 53-0007 EA Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	23.64	
26 01 50 53-0008 EA Replace Slide-On Lampholder.....	8.24	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0009 EA Replace Screw Mount Lampholder.....	8.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0010 EA Replace Medium Bi-Pin Lampholder.....	9.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0011 EA Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	11.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0012 EA Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	12.36	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0013 EA Replace Compact Twin-Tube Lampholder, Snap-in.....	9.33	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 01 50 53-0014 EA Replace Exterior Light Globes.....	46.07	

**26 05 Common Work Results For Electrical (26)****26 05 13 Medium-Voltage Cables (26 05)****26 05 13 00-0001 Wire And Cable (26 05 13)**

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

**26 05 13 00-0002 5 KV Cable (26 05 13 00-0001)****26 05 13 00-0003 Pulled In Duct, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0002)**

26 05 13 00-0004 MLF #6 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	2,117.73	540.30
26 05 13 00-0005 MLF #4 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	2,511.82	589.95
26 05 13 00-0006 MLF #2 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	3,001.65	666.56
26 05 13 00-0007 MLF #1/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	3,899.64	821.23
26 05 13 00-0008 MLF #2/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	4,442.68	924.78
26 05 13 00-0009 MLF #3/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	5,464.05	1,026.48
26 05 13 00-0010 MLF #4/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	6,150.56	1,153.35
26 05 13 00-0011 MLF 250 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	7,310.19	1,283.15
26 05 13 00-0012 MLF 350 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	8,517.84	1,532.05
26 05 13 00-0013 MLF 500 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	10,752.35	1,800.89
26 05 13 00-0014 MLF 750 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	14,623.97	1,539.75
26 05 13 00-0015 MLF 1,000 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	21,409.09	2,444.05

**26 05 13 00-0016 Direct Burial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0002)**

Note: Excludes excavation.

26 05 13 00-0017 MLF #6 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	2,050.18	
26 05 13 00-0018 MLF #4 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	2,320.08	
26 05 13 00-0019 MLF #2 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	2,618.39	
26 05 13 00-0020 MLF #1/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	3,256.67	
26 05 13 00-0021 MLF #2/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	3,540.77	
26 05 13 00-0022 MLF #3/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	4,434.47	
26 05 13 00-0023 MLF #4/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	4,803.80	
26 05 13 00-0024 MLF 250 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	5,768.77	
26 05 13 00-0025 MLF 350 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	6,421.57	
26 05 13 00-0026 MLF 500 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation.....	8,044.74	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0027	<b>Aerial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation</b> <small>(26 05 13 00-0022)</small>			
	Note: Installed on poles.			
26 05 13 00-0028	MLF #6 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	1,651.36	339.19
26 05 13 00-0029	MLF #4 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	1,985.27	363.69
26 05 13 00-0030	MLF #2 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	2,534.30	459.91
26 05 13 00-0031	MLF #1/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	3,302.26	558.32
26 05 13 00-0032	MLF #2/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	3,839.52	655.42
26 05 13 00-0033	MLF #3/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	4,852.04	749.54
26 05 13 00-0034	MLF #4/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	5,534.54	869.68
26 05 13 00-0035	MLF 250 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	6,954.94	1,094.10
26 05 13 00-0036	MLF 350 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	8,296.98	1,384.38
26 05 13 00-0037	MLF 500 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	10,785.00	1,739.55
26 05 13 00-0038	<b>5 KV Non-Shielded Single Copper Conductor</b> <small>(26 05 13 00-0002)</small>			
26 05 13 00-0039	MLF 1/0 5 KV Non-Shielded, Single Copper Conductor	.....	4,609.03	1,076.75
26 05 13 00-0040	MLF 3/0 5 KV Non-Shielded, Single Copper Conductor	.....	6,028.52	1,107.70
26 05 13 00-0041	MLF 4/0 5 KV Non-Shielded, Single Copper Conductor	.....	6,281.32	1,132.17
26 05 13 00-0042	MLF 350 MCM 5 KV Non-Shielded, Single Copper Conductor	.....	7,526.16	1,175.37
26 05 13 00-0043	MLF 500 MCM 5 KV Non-Shielded, Single Copper Conductor	.....	10,748.15	1,231.80
26 05 13 00-0044	MLF 750 MCM 5 KV Non-Shielded, Single Copper Conductor	.....	16,630.48	1,539.75
26 05 13 00-0045	MLF 1,000 MCM 5 KV Non-Shielded, Single Copper Conductor	.....	19,191.71	2,053.03
26 05 13 00-0046	<b>Placed In Duct, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation</b> <small>(26 05 13 00-0002)</small>			
26 05 13 00-0047	MLF #6 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	2,255.80	540.30
26 05 13 00-0048	MLF #4 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	2,698.47	589.95
26 05 13 00-0049	MLF #2 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	3,242.00	666.56
26 05 13 00-0050	MLF #1 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	3,736.91	743.86
26 05 13 00-0051	MLF #1/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	4,232.03	821.23
26 05 13 00-0052	MLF #2/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	4,826.21	924.78
26 05 13 00-0053	MLF #3/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	5,985.66	1,026.48
26 05 13 00-0054	MLF #4/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	6,738.64	1,153.35
26 05 13 00-0055	MLF 250 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	8,048.62	1,283.15
26 05 13 00-0056	MLF 350 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	9,361.61	1,532.05
26 05 13 00-0057	MLF 500 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	11,877.38	1,800.89
26 05 13 00-0058	MLF 750 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	16,563.40	1,539.75
26 05 13 00-0059	MLF 1,000 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	.....	24,162.91	2,444.05
26 05 13 00-0060	<b>Direct Burial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation</b> <small>(26 05 13 00-0002)</small>			
	Note: Excludes excavation.			
26 05 13 00-0061	MLF #6 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	2,188.26	
26 05 13 00-0062	MLF #4 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	2,506.73	
26 05 13 00-0063	MLF #2 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	2,858.73	
26 05 13 00-0064	MLF #1 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	3,224.19	
26 05 13 00-0065	MLF #1/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	3,589.06	
26 05 13 00-0066	MLF #2/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	3,924.30	
26 05 13 00-0067	MLF #3/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	4,956.08	
26 05 13 00-0068	MLF #4/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	5,391.88	
26 05 13 00-0069	MLF 250 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	6,507.20	
26 05 13 00-0070	MLF 350 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	7,265.34	
26 05 13 00-0071	MLF 500 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	.....	9,169.77	
26 05 13 00-0072	<b>Aerial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation</b> <small>(26 05 13 00-0002)</small>			
	Note: Installed on poles.			
26 05 13 00-0073	MLF #6 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	1,789.43	339.19
26 05 13 00-0074	MLF #4 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	2,171.92	363.69
26 05 13 00-0075	MLF #2 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	2,774.65	459.91
26 05 13 00-0076	MLF #1 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	3,203.75	508.75
26 05 13 00-0077	MLF #1/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	3,634.65	558.32
26 05 13 00-0078	MLF #2/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	4,223.05	655.42
26 05 13 00-0079	MLF #3/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	5,373.65	749.54
26 05 13 00-0080	MLF #4/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	6,122.62	869.68
26 05 13 00-0081	MLF 250 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	7,693.37	1,094.10
26 05 13 00-0082	MLF 350 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	9,140.75	1,384.38
26 05 13 00-0083	MLF 500 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	.....	11,910.03	1,739.55
26 05 13 00-0084	<b>15 KV Cable</b> <small>(26 05 13 00-0001)</small>			
26 05 13 00-0085	<b>Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable</b> <small>(26 05 13 00-0084)</small>			

**26 Electrical****26 05 Common Work Results For Electrical****26 05 13 Medium-Voltage Cables**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 05 13 00-0086	Placed In Duct, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0085)</small>		
26 05 13 00-0087	MLF #4 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,407.14	1,076.75
26 05 13 00-0088	MLF #2 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,756.07	1,076.75
26 05 13 00-0089	MLF #1 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,889.17	1,076.75
26 05 13 00-0090	MLF #1/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,322.75	1,076.75
26 05 13 00-0091	MLF #2/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,734.29	1,076.75
26 05 13 00-0092	MLF #3/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,542.97	1,123.94
26 05 13 00-0093	MLF #4/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,704.64	1,123.94
26 05 13 00-0094	MLF 250 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,715.19	1,175.37
26 05 13 00-0095	MLF 350 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,732.07	1,202.93
26 05 13 00-0096	MLF 500 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	10,750.98	1,354.98
26 05 13 00-0097	Direct Burial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0085)</small>		
	Note: Excludes excavation.		
26 05 13 00-0098	MLF #1 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	3,730.91	
26 05 13 00-0099	MLF #1/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,164.49	
26 05 13 00-0100	MLF #2/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,576.03	
26 05 13 00-0101	MLF #3/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,399.60	
26 05 13 00-0102	MLF #4/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,561.27	
26 05 13 00-0103	MLF 250 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,635.57	
26 05 13 00-0104	MLF 350 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,654.25	
26 05 13 00-0105	MLF 500 MCM Cable, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation.....	9,519.19	
26 05 13 00-0106	Aerial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0085)</small>		
	Note: Installed on poles.		
26 05 13 00-0107	MLF #1 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	3,460.58	484.55
26 05 13 00-0108	MLF #1/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,086.50	558.32
26 05 13 00-0109	MLF #2/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,751.20	655.42
26 05 13 00-0110	MLF #3/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,687.45	749.54
26 05 13 00-0111	MLF #4/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,162.29	869.68
26 05 13 00-0112	MLF 250 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,416.43	1,012.41
26 05 13 00-0113	MLF 350 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,800.54	1,179.72
26 05 13 00-0114	MLF 500 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	10,936.44	1,370.36
26 05 13 00-0115	Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0084)</small>		
26 05 13 00-0116	Placed In Duct, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0115)</small>		
26 05 13 00-0117	MLF #4 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,715.89	1,076.75
26 05 13 00-0118	MLF #2 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,127.63	1,076.75
26 05 13 00-0119	MLF #1 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,284.68	1,076.75
26 05 13 00-0120	MLF #1/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,796.31	1,076.75
26 05 13 00-0121	MLF #2/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,281.92	1,076.75
26 05 13 00-0122	MLF #3/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,214.94	1,123.94
26 05 13 00-0123	MLF #4/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,405.72	1,123.94
26 05 13 00-0124	MLF 250 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,575.01	1,175.37
26 05 13 00-0125	MLF 350 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	9,762.52	1,202.93
26 05 13 00-0126	MLF 500 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	12,076.42	1,354.98
26 05 13 00-0127	Direct Burial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0115)</small>		
	Note: Excludes excavation.		
26 05 13 00-0128	MLF #1 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,126.43	
26 05 13 00-0129	MLF #1/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,638.05	
26 05 13 00-0130	MLF #2/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,123.66	
26 05 13 00-0131	MLF #3/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,071.58	
26 05 13 00-0132	MLF #4/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,262.34	
26 05 13 00-0133	MLF 250 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,492.88	
26 05 13 00-0134	MLF 350 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,679.87	
26 05 13 00-0135	MLF 500 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	10,844.62	
26 05 13 00-0136	Aerial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0115)</small>		
	Note: Installed on poles.		
26 05 13 00-0137	MLF #1 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	3,856.10	484.55
26 05 13 00-0138	MLF #1/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,560.06	558.32
26 05 13 00-0139	MLF #2/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,298.83	655.42
26 05 13 00-0140	MLF #3/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,359.43	749.54
26 05 13 00-0141	MLF #4/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,863.36	869.68





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0142 MLF 250 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable .....	8,276.24	1,012.41
26 05 13 00-0143 MLF 350 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable .....	9,830.99	1,179.72
26 05 13 00-0144 MLF 500 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable .....	12,261.87	1,370.36
<b>26 05 13 00-0145 15 KV Non-Shielded Single Copper Conductor (26 05 13 00-0084)</b>		
26 05 13 00-0146 MLF 1/0 15 KV Non-Shielded, Single Copper Conductor .....	6,271.91	1,080.51
26 05 13 00-0147 MLF 3/0 15 KV Non-Shielded, Single Copper Conductor .....	8,120.20	1,132.17
26 05 13 00-0148 MLF 350 MCM 15 KV Non-Shielded, Single Copper Conductor .....	11,121.75	1,207.63
<b>26 05 13 00-0149 Shielded, Armored Copper, 15 KV, 3 Conductor Cable (26 05 13 00-0084)</b>		
Note: Laid in cable tray or hung in vertical cable shaft.		
<b>26 05 13 00-0150 Galvanized Steel Interlocked Armor Cable (26 05 13 00-0149)</b>		
26 05 13 00-0151 LF #2 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically .....	30.14	8.24
26 05 13 00-0152 LF #1/0 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically .....	35.90	8.77
<b>26 05 13 00-0153 Aluminum Interlocked Armor Cable (26 05 13 00-0149)</b>		
26 05 13 00-0154 LF #2 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically .....	30.14	8.24
26 05 13 00-0155 LF #1/0 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically .....	35.90	8.77
<b>26 05 13 00-0156 Type URD, 15 KV Primary Concentric UD Cable (26 05 13 00-0084)</b>		
Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 00-0157 MLF #4 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	2,182.60	540.30
26 05 13 00-0158 MLF #2 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	2,599.52	589.95
26 05 13 00-0159 MLF #1 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	3,114.59	666.56
26 05 13 00-0160 MLF #1/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	4,050.36	819.00
26 05 13 00-0161 MLF #2/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	4,615.97	922.00
26 05 13 00-0162 MLF #3/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	5,709.15	1,026.48
26 05 13 00-0163 MLF #4/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor .....	6,416.13	1,149.04
<b>26 05 13 00-0164 15 KV URD Cable Copper Direct Burial (26 05 13 00-0084)</b>		
26 05 13 00-0165 MLF 15 KV 3/C URD Cable Copper Direct Burial #6 .....	10,412.37	
<b>26 05 13 00-0166 35 KV And 70 KV Cable (26 05 13 00-0001)</b>		
<b>26 05 13 00-0167 35 KV, Shielded, Single Copper Conductor (26 05 13 00-0166)</b>		
26 05 13 00-0168 MLF 3/0 35 KV Shielded, Single Copper Conductor .....	11,077.21	1,785.07
<b>26 05 13 00-0169 70 KV, Shielded, Single Copper Conductor (26 05 13 00-0166)</b>		
26 05 13 00-0170 MLF 350 MCM 70 KV Shielded, Single Copper Conductor .....	36,043.37	2,035.00
<b>26 05 13 00-0171 Wire Connections (26 05 13 00-0001)</b>		
<b>26 05 13 00-0172 Medium Voltage Up To 5 KV (26 05 13 00-0171)</b>		
<b>26 05 13 00-0173 Shielded One Conductor Cable Splice (26 05 13 00-0172)</b>		
26 05 13 00-0174 EA #6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	177.50	68.86
26 05 13 00-0175 EA #2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	213.36	68.86
26 05 13 00-0176 EA 1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	213.36	68.86
26 05 13 00-0177 EA 2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	233.85	82.63
26 05 13 00-0178 EA 3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	233.85	82.63
26 05 13 00-0179 EA 4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	233.85	82.63
26 05 13 00-0180 EA 250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	261.18	96.40
26 05 13 00-0181 EA 350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	261.18	96.40
26 05 13 00-0182 EA 500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV .....	261.18	96.40
<b>26 05 13 00-0183 Cable Termination Without Stress Cone (26 05 13 00-0172)</b>		
26 05 13 00-0184 EA #6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV .....	166.98	82.63
26 05 13 00-0185 EA 250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV .....	197.39	96.40
<b>26 05 13 00-0186 Cable Termination With Stress Cone (26 05 13 00-0172)</b>		
26 05 13 00-0187 EA #6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV .....	636.04	165.27
26 05 13 00-0188 EA 250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV .....	878.44	227.23
<b>26 05 13 00-0189 Connect To Pothead, Pothead Included (26 05 13 00-0172)</b>		
26 05 13 00-0190 EA #6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV .....	657.70	165.27
26 05 13 00-0191 EA 250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV .....	823.60	189.36

**26 Electrical****26 05 Common Work Results For Electrical****26 05 13 Medium-Voltage Cables**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>26 05 13 00-0192</b>	<b>Two Conductor Pothead</b> <small>(26 05 13 00-0172)</small>		
	Note: Includes 5 KV pothead.		
26 05 13 00-0193	EA #6 To 4/0 AWG 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	589.52	227.23
26 05 13 00-0194	EA 250 To 350 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	769.52	289.21
26 05 13 00-0195	EA 400 To 700 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,066.20	327.90
26 05 13 00-0196	EA 750 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,585.89	382.58
26 05 13 00-0197	EA 1,000 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	2,789.23	573.80
<b>26 05 13 00-0198</b>	<b>Three Conductor Pothead</b> <small>(26 05 13 00-0172)</small>		
	Note: Includes 5 KV pothead.		
26 05 13 00-0199	EA #6 To 4/0 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,798.78	330.52
26 05 13 00-0200	EA 250 To 500 MCM 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,992.74	385.61
<b>26 05 13 00-0201</b>	<b>Copper Cable Splice, Crimp Compression Connection</b> <small>(26 05 13 00-0172)</small>		
	Note: For bare wire.		
26 05 13 00-0202	EA #6 AWG Crimp Compression Connection For Bare Copper Wire.....	43.81	
26 05 13 00-0203	EA #4 AWG Crimp Compression Connection For Bare Copper Wire.....	48.13	
26 05 13 00-0204	EA #3 AWG Crimp Compression Connection For Bare Copper Wire.....	56.14	
26 05 13 00-0205	EA #2 AWG Crimp Compression Connection For Bare Copper Wire.....	63.84	
26 05 13 00-0206	EA #1 AWG Crimp Compression Connection For Bare Copper Wire.....	71.96	
26 05 13 00-0207	EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	79.92	
26 05 13 00-0208	EA 2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	87.81	
26 05 13 00-0209	EA 3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	95.99	
26 05 13 00-0210	EA 4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	103.98	
26 05 13 00-0211	EA 250 MCM Crimp Compression Connection For Bare Copper Wire.....	112.12	
26 05 13 00-0212	EA 300 MCM Crimp Compression Connection For Bare Copper Wire.....	120.42	
26 05 13 00-0213	EA 350 MCM Crimp Compression Connection For Bare Copper Wire.....	128.32	
26 05 13 00-0214	EA 400 MCM Crimp Compression Connection For Bare Copper Wire.....	144.82	
26 05 13 00-0215	EA 500 MCM Crimp Compression Connection For Bare Copper Wire.....	161.70	
<b>26 05 13 00-0216</b>	<b>Aluminum Cable Splice, Crimp Compression Connection</b> <small>(26 05 13 00-0172)</small>		
	Note: For bare wire.		
26 05 13 00-0217	EA #6 AWG Crimp Compression Connection For Bare Aluminum Wire.....	44.59	
26 05 13 00-0218	EA #4 AWG Crimp Compression Connection For Bare Aluminum Wire.....	48.56	
26 05 13 00-0219	EA #2 AWG Crimp Compression Connection For Bare Aluminum Wire.....	65.25	
26 05 13 00-0220	EA #1 AWG Crimp Compression Connection For Bare Aluminum Wire.....	75.55	
26 05 13 00-0221	EA 1/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	83.31	
26 05 13 00-0222	EA 2/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	91.04	
26 05 13 00-0223	EA 3/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	99.74	
26 05 13 00-0224	EA 4/0 AWG Crimp Compression Connection For Bare Aluminum Wire.....	107.95	
26 05 13 00-0225	EA 250 MCM Crimp Compression Connection For Bare Aluminum Wire.....	115.99	
26 05 13 00-0226	EA 300 MCM Crimp Compression Connection For Bare Aluminum Wire.....	124.20	
26 05 13 00-0227	EA 350 MCM Crimp Compression Connection For Bare Aluminum Wire.....	132.29	
26 05 13 00-0228	EA 400 MCM Crimp Compression Connection For Bare Aluminum Wire.....	150.51	
26 05 13 00-0229	EA 500 MCM Crimp Compression Connection For Bare Aluminum Wire.....	168.81	
<b>26 05 13 00-0230</b>	<b>15 KV</b> <small>(26 05 13 00-0171)</small>		
<b>26 05 13 00-0231</b>	<b>Single Conductor Pothead On Racks</b> <small>(26 05 13 00-0230)</small>		
	Note: Includes pothead.		
26 05 13 00-0232	EA #2 To 4/0 AWG 1/c 15 KV Pothead (Included), On Racks.....	724.28	289.21
26 05 13 00-0233	EA 250 To 500 MCM 1/c 15 KV Pothead (Included), On Racks.....	916.70	358.06
<b>26 05 13 00-0234</b>	<b>Two Conductor Pothead On Rack</b> <small>(26 05 13 00-0230)</small>		
	Note: Includes pothead.		
26 05 13 00-0235	EA #2 To 4/0 AWG 2/c 15 KV Pothead (Included), On Racks.....	1,085.72	440.70
26 05 13 00-0236	EA 250 To 500 MCM 2/c 15 KV Pothead (Included), On Racks.....	1,296.50	523.33
<b>26 05 13 00-0237</b>	<b>Three Conductor Pothead On Rack</b> <small>(26 05 13 00-0230)</small>		
	Note: Includes pothead.		
26 05 13 00-0238	EA #2 To 4/0 AWG 3/c 15 KV Pothead (Included), On Racks.....	1,396.44	571.53
26 05 13 00-0239	EA 250 To 500 MCM 3/c 15 KV Pothead (Included), On Racks.....	1,742.06	716.13
<b>26 05 13 00-0240</b>	<b>Stress Relief Cone On Rack</b> <small>(26 05 13 00-0230)</small>		
26 05 13 00-0241	EA #2 To 4/0 AWG Stress Relief Cone, On Rack.....	698.11	289.21
26 05 13 00-0242	EA 250 To 500 MCM Stress Relief Cone, On Rack.....	887.28	358.06
<b>26 05 13 00-0243</b>	<b>Grounded, Shielded Cable Splice</b> <small>(26 05 13 00-0230)</small>		
26 05 13 00-0244	EA #2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV.....	496.82	213.47
26 05 13 00-0245	EA 250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV.....	638.49	275.43
26 05 13 00-0246	EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way.....	2,503.78	757.45
26 05 13 00-0247	EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way.....	3,069.33	826.31



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 13 00-0248</b> <b>Cable Termination</b> <small>(26 05 13 00-0230)</small>		
26 05 13 00-0249    EA    #2 To 3/0 AWG Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	308.54 72.30	120.50
26 05 13 00-0250    EA    4/0 To 250 MCM Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	392.49 92.96	154.93
26 05 13 00-0251    EA    350 To 500 MCM Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	483.88 113.62	189.36
26 05 13 00-0252    EA    #2 To 3/0 AWG Cable Elbow Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.66 41.32	68.86
<b>26 05 13 00-0253</b> <b>Stress Cones, 5-15 KV, 4 Skirted</b> <small>(26 05 13 00-0230)</small>		
26 05 13 00-0254    EA    #4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	329.89	89.52
26 05 13 00-0255    EA    2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	372.57	98.94
26 05 13 00-0256    EA    4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....	433.25	108.27
26 05 13 00-0257    EA    400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....	542.78	124.75
<b>26 05 13 00-0258</b> <b>Stress Cones, 5-15 KV, 6 Skirted</b> <small>(26 05 13 00-0230)</small>		
26 05 13 00-0259    EA    #4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	659.79	179.33
26 05 13 00-0260    EA    2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	745.20	197.87
26 05 13 00-0261    EA    4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....	858.49	212.52
26 05 13 00-0262    EA    400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....	1,085.55	249.49
<b>26 05 13 00-0263</b> <b>35 KV</b> <small>(26 05 13 00-0171)</small>		
<b>26 05 13 00-0264</b> <b>35 KV One Conductor Splice</b> <small>(26 05 13 00-0263)</small>		
26 05 13 00-0265    EA    Cable Splicing, #1 Stranded To 4/0 Stranded, 35 KV .....	1,236.10	
<b>26 05 13 00-0266</b> <b>Cable Termination</b> <small>(26 05 13 00-0263)</small>		
26 05 13 00-0267    EA    #2 To 3/0 AWG Cable Termination 35 KV .....	246.87	82.70
26 05 13 00-0268    EA    3/0 AWG To 250 MCM Cable Termination 35 KV .....	349.21	124.78
26 05 13 00-0269    EA    350 To 500 MCM Cable Termination 35 KV .....	393.81	133.45
26 05 13 00-0270    EA    #2 To 3/0 AWG Cable Elbow Termination 35 KV .....	199.20	68.86
<b>26 05 13 00-0271</b> <b>70 KV</b> <small>(26 05 13 00-0171)</small>		
<b>26 05 13 00-0272</b> <b>Cable Splice</b> <small>(26 05 13 00-0271)</small>		
26 05 13 00-0273    EA    Cable Splicing, 350 MCM 70 KV.....	4,458.37	
26 05 13 00-0274    EA    Cable Splicing, #2 To 4/0 70 KV .....	1,262.57	
<b>26 05 19</b> <b>Low-Voltage Electrical Power Conductors And Cables</b> <small>(26 05)</small>		
<b>26 05 19 13</b> <b>Undercarpet Electrical Power Cables</b> <small>(26 05 19)</small>		
<b>26 05 19 13-0001</b> <b>Under Carpet Power System</b> <small>(26 05 19 13)</small>		
Note: Includes laying out, floor prep, taping, testing, drill floor, folds.		
26 05 19 13-0002    LF    Cable Flat 3 Conductor #12 With Attached Bottom Shield .....	2.76	0.31
26 05 19 13-0003    LF    Top Shield, Steel .....	6.71	0.31
26 05 19 13-0004    EA    Splice, 3-Conductor .....	17.56	5.35
26 05 19 13-0005    EA    Splice Top Shield For 3 Conductor .....	5.60	2.52
26 05 19 13-0006    EA    Tap 3-Conductor.....	21.70	6.30
26 05 19 13-0007    EA    Insulating Patch, Splice Tap And End.....	31.41	5.35
26 05 19 13-0008    EA    Transition Block Assembly 3-conductor .....	20.31	3.15
26 05 19 13-0009    EA    Receptacles, Direct Connected Single, With Box .....	61.55	10.07
26 05 19 13-0010    EA    Receptacles, Direct Connected Dual, With Box .....	102.02	15.74
26 05 19 13-0011    EA    Box, Floor Mounted With Cover.....	99.98	12.59
26 05 19 13-0012    LF    5-Conductor #12 With Attached Bottom Shield.....	4.29	0.31
26 05 19 13-0013    LF    Shield, Top, Steel For 5 Conductor.....	4.25	0.31
26 05 19 13-0014    EA    Splice, 5 Conductor .....	17.76	5.35
26 05 19 13-0015    EA    Insulating Patch Splice Tap And End.....	26.32	3.15
26 05 19 13-0016    EA    Transition Block Assembly 5 Conductor .....	26.32	3.15
26 05 19 13-0017    EA    Box, Wall, Flush With Cover .....	48.65	12.59
26 05 19 13-0018    EA    Telephone Transition Fitting Wall Box .....	33.19	10.39
26 05 19 13-0019    EA    Telephone Fitting With Duplex Jack And Cover RJ-45.....	42.76	11.96
26 05 19 13-0020    EA    Telephone Miniature With Duplex RJ-45 .....	18.17	4.72
26 05 19 13-0021    LF    Telephone 4-Pair Level 5 Under Carpet Wire .....	1.08	0.31
26 05 19 13-0022    EA    BNC Coax Connector Plug .....	15.87	6.30
26 05 19 13-0023    EA    TNC Connector Coax Plug .....	15.87	6.30
26 05 19 13-0024    CLF    Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	82.56	31.48
<b>26 05 19 16</b> <b>Low-Voltage, Single-And Multi-Conductor Cables</b> <small>(26 05 19)</small>		
<b>26 05 19 16-0001</b> <b>Cable Installation Methods</b> <small>(26 05 19 16)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 05 19 16-0002	<b>Pull Cord</b> <small>(26 05 19 16-0001)</small>		
	Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.		
26 05 19 16-0003	LF Pull String Installed To Remain In Place, In Existing Conduit .....	0.22	
26 05 19 16-0004	LF Pull String Installed To Remain In Place, In New Conduits.....	0.11	
26 05 19 16-0005	LF 1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit .....	0.50	
26 05 19 16-0006	LF 1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.30	
26 05 19 16-0007	<b>Bore Conduit Into Dirt Or Sand</b> <small>(26 05 19 16-0001)</small>		
	Note: For installation under roads, driveways or other structures up to 20'.		
26 05 19 16-0008	LF Bore 1" To 4" Conduit Into Dirt Or Sand .....	1.46	
26 05 19 16-0009	LF Bore 5" To 8" Conduit Into Dirt Or Sand .....	1.86	
26 05 19 16-0010	<b>Wire and Cable</b> <small>(26 05 19 16)</small>		
	Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 19 16-0011	<b>600 Volt Wire</b> <small>(26 05 19 16-0010)</small>		
26 05 19 16-0012	<b>Single Solid Conductor, Copper</b> <small>(26 05 19 16-0011)</small>		
26 05 19 16-0013	MLF #14 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit .....	374.24	152.78
26 05 19 16-0014	MLF #12 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit .....	467.05	179.73
26 05 19 16-0015	MLF #10 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit .....	575.55	219.77
26 05 19 16-0016	MLF #14 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit .....	489.61	152.78
26 05 19 16-0017	MLF #12 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit .....	592.10	179.73
26 05 19 16-0018	MLF #10 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit .....	710.84	219.77
26 05 19 16-0019	<b>Power Cable, Stranded Conductor, Copper</b> <small>(26 05 19 16-0011)</small>		
26 05 19 16-0020	<b>Power Cable, Stranded, Single Conductor, XHHW</b> <small>(26 05 19 16-0019)</small>		
26 05 19 16-0021	MLF #16 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	390.05	125.91
26 05 19 16-0022	MLF #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	460.96	151.09
26 05 19 16-0023	MLF #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	565.47	176.27
26 05 19 16-0024	MLF #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	692.66	201.45
26 05 19 16-0025	MLF #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	919.88	251.81
26 05 19 16-0026	MLF #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	1,235.50	302.17
26 05 19 16-0027	MLF #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	1,684.57	377.72
26 05 19 16-0028	MLF #3 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	1,989.55	428.07
26 05 19 16-0029	MLF #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	2,350.37	478.44
26 05 19 16-0030	MLF #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	2,901.49	528.81
26 05 19 16-0031	MLF 1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	3,475.44	604.35
26 05 19 16-0032	MLF 2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	4,154.93	679.89
26 05 19 16-0033	MLF 3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	4,962.22	755.44
26 05 19 16-0034	MLF 4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	5,932.37	830.97
26 05 19 16-0035	MLF 250 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	6,291.81	906.51
26 05 19 16-0036	MLF 300 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	7,442.90	982.06
26 05 19 16-0037	MLF 350 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	7,941.77	1,057.60
26 05 19 16-0038	MLF 400 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	8,873.95	1,133.14
26 05 19 16-0039	MLF 500 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	10,256.01	1,208.69
26 05 19 16-0040	MLF 600 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	11,795.68	1,309.41
26 05 19 16-0041	MLF 750 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	17,830.04	1,460.50
26 05 19 16-0042	MLF 1,000 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit .....	25,083.55	1,712.32
26 05 19 16-0043	<b>Power Cable, Stranded, Multi Conductor, XHHW</b> <small>(26 05 19 16-0019)</small>		
26 05 19 16-0044	MLF 2/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	921.92	302.11
26 05 19 16-0045	MLF 3/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,131.06	352.60
26 05 19 16-0046	MLF 4/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,403.22	428.07
26 05 19 16-0047	MLF 6/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,663.56	465.66
26 05 19 16-0048	MLF 7/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,786.53	490.97
26 05 19 16-0049	MLF 9/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,102.29	541.26
26 05 19 16-0050	MLF 10/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,493.62	564.18
26 05 19 16-0051	MLF 12/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,541.25	616.94
26 05 19 16-0052	MLF 14/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,802.41	654.84
26 05 19 16-0053	MLF 24/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	4,075.38	831.04
26 05 19 16-0054	MLF 37/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	6,164.61	1,233.88
26 05 19 16-0055	MLF 2/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,131.09	352.60
26 05 19 16-0056	MLF 3/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,444.66	428.07
26 05 19 16-0057	MLF 4/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,758.25	503.62
26 05 19 16-0058	MLF 2/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,510.74	453.07
26 05 19 16-0059	MLF 3/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,950.89	553.48
26 05 19 16-0060	MLF 4/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,519.13	705.19
26 05 19 16-0061	MLF 6/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	3,401.31	906.83
26 05 19 16-0062	MLF 9/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	4,597.31	1,158.39
26 05 19 16-0063	MLF 2/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	1,871.23	516.21
26 05 19 16-0064	MLF 3/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,381.91	604.35
26 05 19 16-0065	MLF 4/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	3,081.46	768.03



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0066 MLF 2/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	2,408.08	579.16
26 05 19 16-0067 MLF 3/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	3,234.32	717.66
26 05 19 16-0068 MLF 4/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	4,133.00	885.12
26 05 19 16-0069 MLF 2/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	3,237.20	702.67
26 05 19 16-0070 MLF 3/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	4,230.15	803.72
26 05 19 16-0071 MLF 4/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	5,468.46	1,002.96
26 05 19 16-0072 MLF 2/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	4,448.30	855.91
26 05 19 16-0073 MLF 3/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	5,855.64	957.13
26 05 19 16-0074 MLF 4/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	7,764.74	1,259.05
26 05 19 16-0075 MLF 3/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	7,759.67	1,208.50
26 05 19 16-0076 MLF 4/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	10,093.51	1,510.23
26 05 19 16-0077 MLF 3/c #1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	9,167.85	1,309.67
26 05 19 16-0078 MLF 3/c #2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	11,141.16	1,510.23
26 05 19 16-0079 MLF 3/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	13,625.71	1,761.92
26 05 19 16-0080 MLF 4/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	17,957.87	2,265.35
26 05 19 16-0081 MLF 3/c #4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	16,605.34	2,016.19
26 05 19 16-0082 MLF 3/c 250 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	17,739.84	2,265.35
26 05 19 16-0083 MLF 3/c 350 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	22,188.51	2,518.11
26 05 19 16-0084 MLF 3/c 500 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit .....	28,621.66	2,767.52

**26 05 19 16-0085 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper**

(26 05 19 16-0011)  
Note: Direct bury.

26 05 19 16-0086 MLF #14 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	508.24
26 05 19 16-0087 MLF #12 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	597.12
26 05 19 16-0088 MLF #10 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	735.66
26 05 19 16-0089 MLF #8 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	959.19
26 05 19 16-0090 MLF #6 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	1,309.35
26 05 19 16-0091 MLF #4 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	1,711.31
26 05 19 16-0092 MLF #2 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	2,428.77
26 05 19 16-0093 MLF #1 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	2,976.72
26 05 19 16-0094 MLF #1/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	3,621.48
26 05 19 16-0095 MLF #2/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	4,352.81
26 05 19 16-0096 MLF #3/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	5,203.94
26 05 19 16-0097 MLF #4/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	5,863.55
26 05 19 16-0098 MLF 250 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	6,354.21
26 05 19 16-0099 MLF 300 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	7,537.61
26 05 19 16-0100 MLF 350 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	8,400.12
26 05 19 16-0101 MLF 400 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	9,400.32
26 05 19 16-0102 MLF 500 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	11,043.58
26 05 19 16-0103 MLF 600 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	12,980.28
26 05 19 16-0104 MLF 750 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits .....	20,184.18
26 05 19 16-0105 MLF #14 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	618.03
26 05 19 16-0106 MLF #12 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	762.33
26 05 19 16-0107 MLF #10 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	954.88
26 05 19 16-0108 MLF #8 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	1,150.58
26 05 19 16-0109 MLF #6 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	1,575.05
26 05 19 16-0110 MLF #4 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	2,200.25
26 05 19 16-0111 MLF #2 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	3,138.18
26 05 19 16-0112 MLF #1 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	3,876.59
26 05 19 16-0113 MLF #1/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	4,362.85
26 05 19 16-0114 MLF #2/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	4,922.66
26 05 19 16-0115 MLF #3/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	5,872.42
26 05 19 16-0116 MLF #4/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	7,089.96
26 05 19 16-0117 MLF 250 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	8,200.16
26 05 19 16-0118 MLF 300 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	9,389.37
26 05 19 16-0119 MLF 350 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	10,708.42
26 05 19 16-0120 MLF 400 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	12,084.00
26 05 19 16-0121 MLF 500 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	14,561.53
26 05 19 16-0122 MLF 750 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	26,812.46
26 05 19 16-0123 MLF #14 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	386.07
26 05 19 16-0124 MLF #12 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	479.75
26 05 19 16-0125 MLF #10 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	593.94
26 05 19 16-0126 MLF #8 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	833.37
26 05 19 16-0127 MLF #6 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	1,133.61
26 05 19 16-0128 MLF #4 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	1,498.23
26 05 19 16-0129 MLF #2 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	2,140.08
26 05 19 16-0130 MLF #1 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	2,549.12
26 05 19 16-0131 MLF #1/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	2,965.52
26 05 19 16-0132 MLF #2/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	3,365.65
26 05 19 16-0133 MLF #3/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	3,992.96
26 05 19 16-0134 MLF #4/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	4,757.77
26 05 19 16-0135 MLF 250 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	5,585.15
26 05 19 16-0136 MLF 300 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	6,447.20
26 05 19 16-0137 MLF 350 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	7,373.79
26 05 19 16-0138 MLF 400 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	8,267.82
26 05 19 16-0139 MLF 500 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	9,817.04

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0140 MLF 600 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit...	12,237.25	
26 05 19 16-0141 MLF 750 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit...	18,647.23	
26 05 19 16-0142 MLF #2 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	3,500.92	
26 05 19 16-0143 MLF #1/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	5,052.95	
26 05 19 16-0144 MLF #2/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	5,607.31	
26 05 19 16-0145 MLF #3/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	6,374.44	
26 05 19 16-0146 MLF #4/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	7,087.26	
26 05 19 16-0147 MLF 250 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	7,634.16	
26 05 19 16-0148 MLF 350 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	11,024.70	
26 05 19 16-0149 MLF 400 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	11,990.69	
26 05 19 16-0150 MLF 500 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit .....	13,702.38	
<b>26 05 19 16-0151 600 Volt, Armored Cable, Copper Conductors (26 05 19 16-0011)</b>		
<b>26 05 19 16-0152 ACTHH, Solid (26 05 19 16-0151)</b>		
26 05 19 16-0153 MLF #8 AWG Cable - Type ACT, 1 Conductor, Solid .....	1,567.87	413.15
26 05 19 16-0154 MLF #6 AWG Cable - Type ACT, 1 Conductor, Solid .....	1,812.58	468.24
26 05 19 16-0155 MLF #4 AWG Cable - Type ACT, 1 Conductor, Solid .....	2,094.93	495.79
26 05 19 16-0156 MLF #14 AWG Cable - Type ACTHH, 2 Conductors, Solid .....	2,212.73	688.58
26 05 19 16-0157 MLF #12 AWG Cable - Type ACTHH, 2 Conductors, Solid .....	2,353.39	771.08
26 05 19 16-0158 MLF #10 AWG Cable - Type ACTHH, 2 Conductors, Solid .....	3,043.06	854.33
26 05 19 16-0159 MLF #8 AWG Cable - Type ACTHH, 2 Conductors, Solid .....	4,071.10	936.82
26 05 19 16-0160 MLF #14 AWG Cable - Type ACTHH, 3 Conductors, Solid .....	2,707.72	771.08
26 05 19 16-0161 MLF #12 AWG Cable - Type ACTHH, 3 Conductors, Solid .....	2,812.43	854.33
26 05 19 16-0162 MLF #10 AWG Cable - Type ACTHH, 3 Conductors, Solid .....	3,663.09	964.44
26 05 19 16-0163 MLF #8 AWG Cable - Type ACTHH, 3 Conductors, Solid .....	4,865.86	1,046.52
26 05 19 16-0164 MLF #14 AWG Cable - Type ACTHH, 4 Conductors, Solid .....	3,262.67	854.33
26 05 19 16-0165 MLF #12 AWG Cable - Type ACTHH, 4 Conductors, Solid .....	3,560.47	964.44
26 05 19 16-0166 MLF #10 AWG Cable - Type ACTHH, 4 Conductors, Solid .....	4,610.25	1,074.26
26 05 19 16-0167 MLF #8 AWG Cable - Type ACTHH, 4 Conductors, Solid .....	6,103.47	1,157.31
<b>26 05 19 16-0168 ACTHH, Stranded (26 05 19 16-0151)</b>		
26 05 19 16-0169 MLF #8 AWG Cable - Type ACTHH, 2 Conductors, Stranded.....	4,209.47	992.18
26 05 19 16-0170 MLF #6 AWG Cable - Type ACTHH, 2 Conductors, Stranded.....	5,177.10	1,128.80
26 05 19 16-0171 MLF #8 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	5,004.00	1,101.74
26 05 19 16-0172 MLF #6 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	6,353.63	1,238.50
26 05 19 16-0173 MLF #4 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	8,144.05	1,377.17
26 05 19 16-0174 MLF #3 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	9,401.39	1,513.38
26 05 19 16-0175 MLF #2 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	10,818.32	1,651.30
26 05 19 16-0176 MLF #8 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	6,514.41	1,321.67
26 05 19 16-0177 MLF #6 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	7,964.45	1,458.84
26 05 19 16-0178 MLF #4 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	10,398.90	1,597.66
26 05 19 16-0179 MLF #3 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	11,405.32	1,734.48
26 05 19 16-0180 MLF #2 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	13,634.81	1,871.17
<b>26 05 19 16-0181 HCFC, Solid (26 05 19 16-0151)</b>		
26 05 19 16-0182 MLF #14 AWG Cable - Type HCF, 2 Conductors, Solid .....	2,521.30	688.58
26 05 19 16-0183 MLF #12 AWG Cable - Type HCF, 2 Conductors, Solid .....	2,749.79	773.69
26 05 19 16-0184 MLF #10 AWG Cable - Type HCF, 2 Conductors, Solid .....	3,081.61	850.13
26 05 19 16-0185 MLF #14 AWG Cable - Type HCF, 3 Conductors, Solid .....	3,089.84	773.69
26 05 19 16-0186 MLF #12 AWG Cable - Type HCF, 3 Conductors, Solid .....	3,304.13	850.13
26 05 19 16-0187 MLF #10 AWG Cable - Type HCF, 3 Conductors, Solid .....	4,399.19	969.87
26 05 19 16-0188 MLF #14 AWG Cable - Type HCF, 4 Conductors, Solid .....	3,851.50	850.13
26 05 19 16-0189 MLF #12 AWG Cable - Type HCF, 4 Conductors, Solid .....	4,185.73	969.87
26 05 19 16-0190 MLF #10 AWG Cable - Type HCF, 4 Conductors, Solid .....	5,859.02	1,075.92
<b>26 05 19 16-0191 MC, Solid Or Stranded, Galvanized Steel Armor (26 05 19 16-0151)</b>		
26 05 19 16-0192 MLF #14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	2,237.86	688.58
26 05 19 16-0193 MLF #12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	2,495.87	773.69
26 05 19 16-0194 MLF #10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	3,064.40	850.13
26 05 19 16-0195 MLF #8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	4,062.60	908.46
26 05 19 16-0196 MLF #6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	5,193.40	963.05
26 05 19 16-0197 MLF #14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	2,602.09	773.69
26 05 19 16-0198 MLF #12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	2,954.24	850.13
26 05 19 16-0199 MLF #10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	3,842.95	969.87
26 05 19 16-0200 MLF #8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	5,166.49	1,046.52
26 05 19 16-0201 MLF #6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	6,118.71	1,128.80
26 05 19 16-0202 MLF #4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	7,720.95	1,212.33
26 05 19 16-0203 MLF #2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	10,104.52	1,294.34
26 05 19 16-0204 MLF #14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	3,054.76	850.13
26 05 19 16-0205 MLF #12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	3,502.82	969.87
26 05 19 16-0206 MLF #10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	5,609.56	1,075.92
26 05 19 16-0207 MLF #8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	7,831.76	1,185.19
26 05 19 16-0208 MLF #6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	9,719.10	1,268.11
26 05 19 16-0209 MLF #4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	13,089.45	1,350.18
26 05 19 16-0210 MLF #2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor .....	17,166.38	1,431.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 19 16-0211 MC, Solid Or Stranded, Aluminum Armored</b> <small>(26 05 19 16-0151)</small>		
26 05 19 16-0212 MLF #14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armored	2,215.00	688.58
26 05 19 16-0213 MLF #12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armored	2,436.59	773.69
26 05 19 16-0214 MLF #10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armored	3,011.98	850.13
26 05 19 16-0215 MLF #14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armored	2,697.56	773.69
26 05 19 16-0216 MLF #12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armored	2,901.58	850.13
26 05 19 16-0217 MLF #10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armored	3,801.31	969.87
26 05 19 16-0218 MLF #14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armored	3,508.63	850.13
26 05 19 16-0219 MLF #12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armored	3,831.78	969.87
26 05 19 16-0220 MLF #10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armored	5,609.56	1,075.92
<b>26 05 19 16-0221 FPLP Solid TFN Red Armored Cable</b> <small>(26 05 19 16-0151)</small>		
Note: Color coded red.		
26 05 19 16-0222 MLF #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,155.54	523.33
26 05 19 16-0223 MLF #18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,447.96	605.95
26 05 19 16-0224 MLF #18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,033.97	688.58
26 05 19 16-0225 MLF #18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,479.77	771.22
26 05 19 16-0226 MLF #16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,453.55	605.95
26 05 19 16-0227 MLF #16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,899.87	688.58
26 05 19 16-0228 MLF #16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,640.79	771.22
26 05 19 16-0229 MLF #16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,141.46	853.85
<b>26 05 19 16-0230 FPLP Solid THHN Red Armored Cable</b> <small>(26 05 19 16-0151)</small>		
Note: Color coded red.		
26 05 19 16-0231 MLF #14/2 With #14 Ground Type THHN FPLP Red Armored Cable	2,725.65	688.58
26 05 19 16-0232 MLF #14/4 With #14 Ground Type THHN FPLP Red Armored Cable	3,383.77	771.22
26 05 19 16-0233 MLF #14/6 With #14 Ground Type THHN FPLP Red Armored Cable	4,500.57	853.85
26 05 19 16-0234 MLF #14/8 With #14 Ground Type THHN FPLP Red Armored Cable	5,217.62	936.48
26 05 19 16-0235 MLF #12/2 With #12 Ground Type THHN FPLP Red Armored Cable	3,437.61	771.22
26 05 19 16-0236 MLF #12/4 With #12 Ground Type THHN FPLP Red Armored Cable	4,205.46	853.85
<b>26 05 19 16-0237 FPLP Twisted Shielded Pair Red Armored Cable</b> <small>(26 05 19 16-0151)</small>		
Note: Color coded red.		
26 05 19 16-0238 MLF #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,338.40	523.33
26 05 19 16-0239 MLF #18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,746.44	771.22
26 05 19 16-0240 MLF #16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,875.64	605.95
26 05 19 16-0241 MLF #16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	3,396.63	688.58
26 05 19 16-0242 MLF #16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,722.53	853.85
26 05 19 16-0243 MLF #14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	3,368.46	716.13
26 05 19 16-0244 MLF #14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,160.98	826.31
<b>26 05 19 16-0245 Armored Cable Connectors</b> <small>(26 05 19 16-0151)</small>		
26 05 19 16-0246 EA 3/4" Armored Cable Connector	4.16	1.51
For Work In Restricted Working Space, Add	1.13	
For Installation Above 14', Add	0.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.13	
26 05 19 16-0247 EA 1" Armored Cable Connector	4.91	1.77
For Work In Restricted Working Space, Add	1.32	
For Installation Above 14', Add	0.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.32	
26 05 19 16-0248 EA 1-1/4" Armored Cable Connector	6.97	2.52
For Work In Restricted Working Space, Add	1.89	
For Installation Above 14', Add	0.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
<b>26 05 19 16-0249 600 Volt, Feeder Wire, Single Stranded Copper</b> <small>(26 05 19 16-0011)</small>		
26 05 19 16-0250 MLF #14 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	512.70	100.91
For EPR Insulation, Add	20.25	
For Hypalon (CSPE) Jacket, Add	47.24	
26 05 19 16-0251 MLF #12 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	578.27	111.75
For EPR Insulation, Add	20.64	
For Hypalon (CSPE) Jacket, Add	48.16	
26 05 19 16-0252 MLF #10 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	704.51	139.69
For EPR Insulation, Add	30.13	
For Hypalon (CSPE) Jacket, Add	70.31	
26 05 19 16-0253 MLF #8 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	959.79	222.23
For EPR Insulation, Add	49.54	
For Hypalon (CSPE) Jacket, Add	115.59	
26 05 19 16-0254 MLF #6 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,310.40	266.66
For EPR Insulation, Add	83.24	
For Hypalon (CSPE) Jacket, Add	194.24	
26 05 19 16-0255 MLF #4 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,783.88	309.60
For EPR Insulation, Add	125.94	
For Hypalon (CSPE) Jacket, Add	293.86	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0256 MLF #3 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,035.09	354.36
For EPR Insulation, Add	144.74	
For Hypalon (CSPE) Jacket, Add	337.72	
26 05 19 16-0257 MLF #2 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,559.71	399.12
For EPR Insulation, Add	204.54	
For Hypalon (CSPE) Jacket, Add	477.26	
26 05 19 16-0258 MLF #1 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,164.46	444.50
For EPR Insulation, Add	276.37	
For Hypalon (CSPE) Jacket, Add	644.86	
26 05 19 16-0259 MLF #1/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,811.97	501.48
For EPR Insulation, Add	345.17	
For Hypalon (CSPE) Jacket, Add	805.39	
26 05 19 16-0260 MLF #2/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	4,592.26	556.12
For EPR Insulation, Add	433.88	
For Hypalon (CSPE) Jacket, Add	1,012.39	
26 05 19 16-0261 MLF #3/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	5,503.16	620.84
For EPR Insulation, Add	542.19	
For Hypalon (CSPE) Jacket, Add	1,265.10	
26 05 19 16-0262 MLF #4/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,205.28	690.27
For EPR Insulation, Add	619.18	
For Hypalon (CSPE) Jacket, Add	1,444.74	
26 05 19 16-0263 MLF 250 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,610.37	757.07
For EPR Insulation, Add	651.61	
For Hypalon (CSPE) Jacket, Add	1,520.42	
26 05 19 16-0264 MLF 300 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	7,791.13	832.23
For EPR Insulation, Add	800.40	
For Hypalon (CSPE) Jacket, Add	1,867.59	
26 05 19 16-0265 MLF 350 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	8,687.24	882.28
For EPR Insulation, Add	906.48	
For Hypalon (CSPE) Jacket, Add	2,115.13	
26 05 19 16-0266 MLF 400 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	9,727.89	986.09
For EPR Insulation, Add	1,034.25	
For Hypalon (CSPE) Jacket, Add	2,413.26	
26 05 19 16-0267 MLF 500 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	11,106.81	1,096.70
For EPR Insulation, Add	1,212.76	
For Hypalon (CSPE) Jacket, Add	2,829.78	
26 05 19 16-0268 MLF 600 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	12,993.33	1,141.02
For EPR Insulation, Add	1,457.97	
For Hypalon (CSPE) Jacket, Add	3,401.93	
26 05 19 16-0269 MLF 750 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	21,008.79	1,185.28
For EPR Insulation, Add	2,603.63	
For Hypalon (CSPE) Jacket, Add	6,075.14	
26 05 19 16-0270 MLF 1,000 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit.....	26,423.85	1,266.48
For EPR Insulation, Add	3,378.12	
For Hypalon (CSPE) Jacket, Add	7,882.28	
26 05 19 16-0271 MLF #16 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	902.35	226.50
26 05 19 16-0272 MLF #14 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,128.30	251.81
26 05 19 16-0273 MLF #12 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,416.09	302.43
26 05 19 16-0274 MLF #10 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,678.84	352.41
26 05 19 16-0275 MLF #8 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,500.77	377.34
26 05 19 16-0276 MLF #18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit.....	292.26	125.91
26 05 19 16-0277 MLF #16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit.....	364.54	138.50
26 05 19 16-0278 MLF #14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	386.07	100.97
26 05 19 16-0279 MLF #12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	479.75	120.36
26 05 19 16-0280 MLF #10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	593.96	151.40
26 05 19 16-0281 MLF #8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	833.37	199.56
26 05 19 16-0282 MLF #6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,133.61	240.99
26 05 19 16-0283 MLF #4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,498.23	284.80
26 05 19 16-0284 MLF #3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,790.61	322.38
26 05 19 16-0285 MLF #2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,140.08	361.04
26 05 19 16-0286 MLF #1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,549.12	407.43
26 05 19 16-0287 MLF #1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,965.52	446.15
26 05 19 16-0288 MLF #2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,365.65	493.04
26 05 19 16-0289 MLF #3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,992.96	521.50
26 05 19 16-0290 MLF #4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	4,757.77	586.71
26 05 19 16-0291 MLF 250 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	5,585.15	624.17
26 05 19 16-0292 MLF 300 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,447.20	706.90
26 05 19 16-0293 MLF 350 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	7,373.80	782.31
26 05 19 16-0294 MLF 400 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	8,267.83	803.72
26 05 19 16-0295 MLF 500 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	9,817.04	850.30
26 05 19 16-0296 MLF 600 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	12,174.30	1,000.63
26 05 19 16-0297 MLF 750 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	18,647.22	1,185.28
26 05 19 16-0298 MLF 1,000 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	22,340.63	1,431.04
26 05 19 16-0299 MLF #16 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,640.64	302.43
26 05 19 16-0300 MLF #14 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,819.51	352.41
26 05 19 16-0301 MLF #12 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,109.70	403.21
26 05 19 16-0302 MLF #10 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,758.13	453.07
26 05 19 16-0303 MLF #8 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,127.81	503.62
26 05 19 16-0304 MLF #6 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit.....	4,009.82	553.48
<b>26 05 19 16-0305 600 Volt, Feeder Wire, Single Stranded Aluminum</b> <small>(26 05 19 16-0011)</small>		
26 05 19 16-0306 MLF #6 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit.....	708.52	179.71





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0307 MLF #4 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	841.96	208.96
26 05 19 16-0308 MLF #2 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,104.32	268.24
26 05 19 16-0309 MLF #1 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,384.04	299.53
26 05 19 16-0310 MLF #1/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,606.01	337.47
26 05 19 16-0311 MLF #2/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,832.04	372.48
26 05 19 16-0312 MLF #3/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,170.01	420.35
26 05 19 16-0313 MLF #4/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,402.97	463.76
26 05 19 16-0314 MLF 250 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,792.73	509.82
26 05 19 16-0315 MLF 300 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,483.04	554.42
26 05 19 16-0316 MLF 350 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,629.21	599.01
26 05 19 16-0317 MLF 400 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,157.91	666.27
26 05 19 16-0318 MLF 500 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,582.70	733.50
26 05 19 16-0319 MLF 600 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	5,619.04	854.45
26 05 19 16-0320 MLF 700 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	6,362.53	936.71
26 05 19 16-0321 MLF 750 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	6,490.28	971.43
26 05 19 16-0322 MLF 1,000 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	8,993.16	1,178.40
26 05 19 16-0323 MLF #8 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	773.71	223.54
26 05 19 16-0324 MLF #6 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	870.25	251.81
26 05 19 16-0325 MLF #4 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,071.17	309.79
26 05 19 16-0326 MLF #2 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,352.17	379.73
26 05 19 16-0327 MLF #1 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,707.44	447.02
26 05 19 16-0328 MLF 1/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,967.45	503.81
26 05 19 16-0329 MLF 2/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,235.50	559.59
26 05 19 16-0330 MLF 3/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,565.46	610.52
26 05 19 16-0331 MLF 4/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,779.08	649.73
26 05 19 16-0332 MLF 250 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,147.67	695.19
26 05 19 16-0333 MLF 300 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,809.79	745.04
26 05 19 16-0334 MLF 350 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,991.42	804.85
26 05 19 16-0335 MLF 400 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,508.38	877.68
26 05 19 16-0336 MLF 500 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	5,070.67	1,007.25
26 05 19 16-0337 MLF 600 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	5,884.23	1,060.00
26 05 19 16-0338 MLF 700 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	6,527.40	1,117.54
26 05 19 16-0339 MLF 750 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	6,740.86	1,187.66
26 05 19 16-0340 MLF 1,000 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	9,776.27	1,664.47
26 05 19 16-0341 MLF #6 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	740.03	251.81
26 05 19 16-0342 MLF #4 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	916.31	309.73
26 05 19 16-0343 MLF #2 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,133.73	380.24
26 05 19 16-0344 MLF #1 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,373.26	444.50
26 05 19 16-0345 MLF #1/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,550.45	501.48
26 05 19 16-0346 MLF #2/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,737.63	556.12
26 05 19 16-0347 MLF #3/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	1,962.02	610.52
26 05 19 16-0348 MLF #4/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,116.89	649.73
26 05 19 16-0349 MLF 250 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,336.75	694.75
26 05 19 16-0350 MLF 300 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,685.85	745.99
26 05 19 16-0351 MLF 350 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	2,867.28	805.92
26 05 19 16-0352 MLF 400 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,149.05	875.67
26 05 19 16-0353 MLF 500 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	3,623.14	1,007.25
26 05 19 16-0354 MLF 600 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,000.48	1,057.16
26 05 19 16-0355 MLF 700 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,353.57	1,117.54
26 05 19 16-0356 MLF 750 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit .....	4,557.80	1,184.07

**26 05 19 16-0357 Non-Metallic Sheathed Cable** (26 05 19 16-0011)

**26 05 19 16-0358 Indoor Installation** (26 05 19 16-0357)

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0359 MLF #14-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	1,444.25	478.38
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	179.39	
26 05 19 16-0360 MLF #14-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	1,785.27	579.16
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	217.20	
26 05 19 16-0361 MLF #12-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	1,610.92	543.91
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	193.58	
26 05 19 16-0362 MLF #12-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	2,005.56	604.22
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	226.59	
26 05 19 16-0363 MLF #10-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	2,040.70	604.53
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	226.71	
26 05 19 16-0364 MLF #10-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	2,530.57	705.19
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	264.45	
26 05 19 16-0365 MLF #8-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	2,665.06	723.96
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	257.79	
26 05 19 16-0366 MLF #8-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	3,506.06	875.05
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	311.62	
26 05 19 16-0367 MLF #6-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	3,241.84	824.68
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	292.73	
26 05 19 16-0368 MLF #6-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	4,225.92	994.66
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	354.11	
26 05 19 16-0369 MLF #4-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	5,621.55	1,095.38
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	389.52	
26 05 19 16-0370 MLF #2-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable .....	8,059.55	1,189.80
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	424.93	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0371			<b>Direct Burial Cable</b> <small>(26 05 19 16-0357)</small>		
			Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0372	MLF		#14-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	1,483.31	
26 05 19 16-0373	MLF		#14-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	1,881.83	
26 05 19 16-0374	MLF		#12-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	1,878.36	
26 05 19 16-0375	MLF		#12-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	2,207.33	
26 05 19 16-0376	MLF		#10-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	2,091.33	
26 05 19 16-0377	MLF		#10-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	2,631.00	
26 05 19 16-0378	MLF		#8-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	2,809.20	
26 05 19 16-0379	MLF		#8-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	3,553.19	
26 05 19 16-0380	MLF		#6-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	3,621.17	
26 05 19 16-0381	MLF		#6-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching.....	4,313.21	
26 05 19 16-0382			<b>SEU Cable Copper, 3 Conductor</b> <small>(26 05 19 16-0357)</small>		
26 05 19 16-0383	MLF		12-12-12 Cable SEU Copper.....	1,825.01	606.16
26 05 19 16-0384	MLF		10-10-10 Cable SEU Copper.....	2,275.01	688.58
26 05 19 16-0385	MLF		8-8-8 Cable SEU Copper.....	2,812.51	771.08
26 05 19 16-0386	MLF		6-6-8 Cable SEU Copper.....	3,374.48	826.65
26 05 19 16-0387	MLF		6-6-6 Cable SEU Copper.....	3,622.65	854.33
26 05 19 16-0388	MLF		4-4-6 Cable SEU Copper.....	4,394.23	936.82
26 05 19 16-0389	MLF		4-4-4 Cable SEU Copper.....	4,725.45	964.44
26 05 19 16-0390	MLF		3-3-5 Cable SEU Copper.....	5,486.22	1,046.52
26 05 19 16-0391	MLF		3-3-3 Cable SEU Copper.....	5,825.30	1,101.74
26 05 19 16-0392	MLF		2-2-4 Cable SEU Copper.....	6,218.96	1,157.31
26 05 19 16-0393	MLF		2-2-2 Cable SEU Copper.....	6,643.84	1,212.33
26 05 19 16-0394	MLF		1-1-1 Cable SEU Copper.....	8,110.77	1,377.17
26 05 19 16-0395	MLF		1/0-1/0-1/0 Cable SEU Copper.....	9,633.31	1,543.95
26 05 19 16-0396	MLF		2/0-2/0-2/0 Cable SEU Copper.....	11,576.24	1,738.88
26 05 19 16-0397	MLF		3/0-3/0-3/0 Cable SEU Copper.....	13,896.05	1,934.24
26 05 19 16-0398	MLF		4/0-4/0-4/0 Cable SEU Copper.....	15,528.98	2,158.58
26 05 19 16-0399			<b>SEU Cable Aluminum, 3 Conductor</b> <small>(26 05 19 16-0357)</small>		
26 05 19 16-0400	MLF		8-8-8 Cable SEU Aluminum.....	2,341.96	773.69
26 05 19 16-0401	MLF		6-6-6 Cable SEU Aluminum.....	2,649.48	850.13
26 05 19 16-0402	MLF		4-4-6 Cable SEU Aluminum.....	2,960.12	930.56
26 05 19 16-0403	MLF		4-4-4 Cable SEU Aluminum.....	3,096.70	969.87
26 05 19 16-0404	MLF		2-2-4 Cable SEU Aluminum.....	3,697.02	1,147.67
26 05 19 16-0405	MLF		2-2-2 Cable SEU Aluminum.....	3,918.02	1,208.05
26 05 19 16-0406	MLF		1-1-1 Cable SEU Aluminum.....	4,659.71	1,377.17
26 05 19 16-0407	MLF		1/0-1/0-2 Cable SEU Aluminum.....	4,927.41	1,449.68
26 05 19 16-0408	MLF		1/0-1/0-1/0 Cable SEU Aluminum.....	5,842.95	1,530.18
26 05 19 16-0409	MLF		2/0-2/0-1 Cable SEU Aluminum.....	5,565.07	1,639.53
26 05 19 16-0410	MLF		2/0-2/0-2/0 Cable SEU Aluminum.....	5,872.34	1,721.47
26 05 19 16-0411	MLF		3/0-3/0-1/0 Cable SEU Aluminum.....	6,351.31	1,802.59
26 05 19 16-0412	MLF		3/0-3/0-3/0 Cable SEU Aluminum.....	6,784.95	1,912.75
26 05 19 16-0413	MLF		4/0-4/0-2/0 Cable SEU Aluminum.....	7,193.80	2,067.83
26 05 19 16-0414	MLF		4/0-4/0-4/0 Cable SEU Aluminum.....	7,577.45	2,151.84
26 05 19 16-0415			<b>SER Cable Copper, 4 Conductor</b> <small>(26 05 19 16-0357)</small>		
26 05 19 16-0416	MLF		6-6-6-6 Cable SER Copper.....	5,503.68	992.18
26 05 19 16-0417	MLF		4-4-4-6 Cable SER Copper.....	7,042.82	1,074.26
26 05 19 16-0418	MLF		3-3-3-5 Cable SER Copper.....	8,256.17	1,212.33
26 05 19 16-0419	MLF		2-2-2-4 Cable SER Copper.....	9,612.94	1,321.67
26 05 19 16-0420	MLF		1-1-1-3 Cable SER Copper.....	11,683.15	1,513.38
26 05 19 16-0421	MLF		1/0-1/0-1/0-2 Cable SER Copper.....	14,811.55	1,734.48
26 05 19 16-0422	MLF		2/0-2/0-2/0-1 Cable SER Copper.....	17,637.63	1,871.17
26 05 19 16-0423	MLF		3/0-3/0-3/0-1/0 Cable SER Copper.....	21,231.43	2,092.96
26 05 19 16-0424			<b>Control Tray Cable, Low Voltage</b> <small>(26 05 19 16-0010)</small>		
			Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0425	MLF		2 Conductor #18 AWG, Stranded, Type TC Control Cable.....	684.38	305.38
			For Installation On Exposed Surface, Deduct	-101.79	
26 05 19 16-0426	MLF		3 Conductor #18 AWG, Stranded, Type TC Control Cable.....	794.87	341.61
			For Installation On Exposed Surface, Deduct	-113.87	
26 05 19 16-0427	MLF		4 Conductor #18 AWG, Stranded, Type TC Control Cable.....	840.81	341.58
			For Installation On Exposed Surface, Deduct	-113.87	
26 05 19 16-0428	MLF		5 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,052.36	428.45
			For Installation On Exposed Surface, Deduct	-142.81	
26 05 19 16-0429	MLF		7 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,333.74	522.09
			For Installation On Exposed Surface, Deduct	-174.03	
26 05 19 16-0430	MLF		9 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,533.22	574.13
			For Installation On Exposed Surface, Deduct	-191.38	
26 05 19 16-0431	MLF		12 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,839.00	652.36
			For Installation On Exposed Surface, Deduct	-217.45	
26 05 19 16-0432	MLF		15 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,339.62	797.36
			For Installation On Exposed Surface, Deduct	-265.79	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0433 MLF 19 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,694.36 -289.96	869.88
26 05 19 16-0434 MLF 25 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,257.56 -299.02	897.07
26 05 19 16-0435 MLF 30 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,985.24 -373.56	1,120.69
26 05 19 16-0436 MLF 37 Conductor #18 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,797.31 -436.58	1,309.73
26 05 19 16-0437 MLF 2 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,754.99 -107.15	321.68
26 05 19 16-0438 MLF 3 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	881.22 -119.86	359.58
26 05 19 16-0439 MLF 4 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,029.29 -137.99	413.98
26 05 19 16-0440 MLF 5 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,174.51 -150.33	450.99
26 05 19 16-0441 MLF 7 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,495.44 -183.19	549.58
26 05 19 16-0442 MLF 9 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,727.68 -201.45	604.35
26 05 19 16-0443 MLF 12 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,084.17 -228.90	686.68
26 05 19 16-0444 MLF 15 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,662.17 -279.76	839.29
26 05 19 16-0445 MLF 19 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,081.68 -305.19	915.58
26 05 19 16-0446 MLF 25 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,776.87 -314.76	944.29
26 05 19 16-0447 MLF 30 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,612.80 -393.20	1,179.61
26 05 19 16-0448 MLF 37 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,565.80 -459.55	1,378.66
26 05 19 16-0449 MLF 2 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	825.90 -111.93	335.79
26 05 19 16-0450 MLF 3 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,000.19 -125.91	377.72
26 05 19 16-0451 MLF 4 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,178.95 -143.91	431.73
26 05 19 16-0452 MLF 5 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,338.76 -154.99	464.97
26 05 19 16-0453 MLF 7 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,811.34 -189.99	569.97
26 05 19 16-0454 MLF 9 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,103.96 -209.88	629.53
26 05 19 16-0455 MLF 12 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,622.22 -234.18	702.55
26 05 19 16-0456 MLF 15 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,132.02 -279.76	839.16
26 05 19 16-0457 MLF 19 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,550.63 -324.96	975.14
26 05 19 16-0458 MLF 25 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,761.37 -380.11	1,140.08
26 05 19 16-0459 MLF 30 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,564.22 -424.68	1,274.03
26 05 19 16-0460 MLF 37 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,730.04 -496.32	1,488.95
26 05 19 16-0461 MLF 2 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	980.41 -119.86	359.58
26 05 19 16-0462 MLF 3 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,190.16 -132.58	397.86
26 05 19 16-0463 MLF 4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,462.54 -152.60	457.80
26 05 19 16-0464 MLF 5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,673.47 -162.42	487.26
26 05 19 16-0465 MLF 7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,242.01 -193.64	580.93
26 05 19 16-0466 MLF 9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,783.72 -228.90	686.68
26 05 19 16-0467 MLF 12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,421.11 -258.23	774.70
26 05 19 16-0468 MLF 15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,091.52 -296.25	888.77
26 05 19 16-0469 MLF 19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,863.44 -335.79	1,007.37
26 05 19 16-0470 MLF 25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,295.25 -392.45	1,177.34
26 05 19 16-0471 MLF 30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	7,282.57 -458.67	1,376.02
26 05 19 16-0472 MLF 37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	8,840.76 -536.10	1,608.31
26 05 19 16-0473 MLF 2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,198.56 -125.91	377.72
26 05 19 16-0474 MLF 3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,530.46 -137.99	414.23

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0475 MLF 4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,883.20 -157.38	472.14
26 05 19 16-0476 MLF 5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,210.97 -170.73	512.18
26 05 19 16-0477 MLF 7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,023.92 -214.29	642.87
26 05 19 16-0478 MLF 9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,611.12 -239.85	719.55
26 05 19 16-0479 MLF 12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,207.44 -279.76	839.29
26 05 19 16-0480 MLF 15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,992.95 -319.93	959.78
26 05 19 16-0481 MLF 19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,952.90 -362.61	1,087.82
26 05 19 16-0482 MLF 25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	7,751.90 -423.80	1,271.39
26 05 19 16-0483 MLF 30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	8,962.53 -495.31	1,485.94
26 05 19 16-0484 MLF 37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	10,903.50 -579.04	1,737.11
<b>26 05 19 16-0485 ACSR (Aluminum Conductor Steel Reinforced)</b> (26 05 19 16-0010) Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
<b>26 05 19 16-0486 ACSR Cable</b> (26 05 19 16-0485)		
26 05 19 16-0487 MLF #4 AWG ACSR Cable Swan 6/1 Installed On Poles, Aluminum Cable.....	903.96	314.56
26 05 19 16-0488 MLF #4 AWG ACSR Cable Swanate 7/1 Installed On Poles, Aluminum Cable.....	952.48	326.61
26 05 19 16-0489 MLF #2 AWG ACSR Cable Sparrow 6/1 Installed On Poles, Aluminum Cable.....	1,014.52	339.19
26 05 19 16-0490 MLF #2 AWG ACSR Cable Sparate 7/1 Installed On Poles, Aluminum Cable.....	1,063.40	351.47
26 05 19 16-0491 MLF #1/0 AWG ACSR Cable Raven 6/1 Installed On Poles, Aluminum Cable.....	1,154.99	363.39
26 05 19 16-0492 MLF #2/0 AWG ACSR Cable Quail 6/1 Installed On Poles, Aluminum Cable.....	1,333.67	411.94
26 05 19 16-0493 MLF #3/0 AWG ACSR Cable Pigeon 6/1 Installed On Poles, Aluminum Cable.....	1,524.53	459.40
26 05 19 16-0494 MLF #4/0 AWG ACSR Cable Penguin 6/1 Installed On Poles, Aluminum Cable.....	1,731.48	507.52
26 05 19 16-0495 MLF #1 Bare Aluminum Wire.....	1,277.15	434.62
26 05 19 16-0496 MLF 336 AWG ACSR Cable Merlin 18/1 Installed On Pole, Aluminum Cable.....	2,089.09	652.22
26 05 19 16-0497 MLF 477 AWG ACSR Cable Hawk 26/1 Installed On Pole, Aluminum Cable.....	2,382.88	748.15
<b>26 05 19 16-0498 All Aluminum Conductors</b> (26 05 19 16-0485)		
26 05 19 16-0499 MLF 795.0 ACSR Conductor Aluminum.....	17,479.25	6,159.00
<b>26 05 19 16-0500 Single Copper Conductor Installed On Poles</b> (26 05 19 16-0010)		
<b>26 05 19 16-0501 Bare Stranded Conductor</b> (26 05 19 16-0500)		
26 05 19 16-0502 MLF #12 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	781.43	266.52
26 05 19 16-0503 MLF #10 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	910.45	290.50
26 05 19 16-0504 MLF #8 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	1,040.26	314.77
26 05 19 16-0505 MLF #6 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	1,263.54	339.19
26 05 19 16-0506 MLF #4 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	1,524.95	363.69
26 05 19 16-0507 MLF #2 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	2,164.21	436.22
26 05 19 16-0508 MLF #1 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	2,483.09	484.55
26 05 19 16-0509 MLF #1/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	2,828.73	532.01
26 05 19 16-0510 MLF #2/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	3,774.32	631.00
26 05 19 16-0511 MLF #3/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	4,570.69	725.48
26 05 19 16-0512 MLF #4/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles.....	4,916.04	822.21
26 05 19 16-0513 MLF 250 MCM 1/c Bare Stranded Copper Cable, Installed On Poles.....	6,205.95	969.03
26 05 19 16-0514 MLF 300 MCM 1/c Bare Stranded Copper Cable, Installed On Poles.....	6,355.01	1,020.04
26 05 19 16-0515 MLF 350 MCM 1/c Bare Stranded Copper Cable, Installed On Poles.....	7,886.22	1,068.24
26 05 19 16-0516 MLF 400 MCM 1/c Bare Stranded Copper Cable, Installed On Poles.....	8,698.98	1,112.06
26 05 19 16-0517 MLF 500 MCM 1/c Bare Stranded Copper Cable, Installed On Poles.....	10,109.22	1,159.52
<b>26 05 19 16-0518 Insulated Stranded Conductor</b> (26 05 19 16-0500)		
26 05 19 16-0519 MLF #12 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	839.80	266.52
26 05 19 16-0520 MLF #10 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	985.77	290.50
26 05 19 16-0521 MLF #8 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	1,188.94	314.77
26 05 19 16-0522 MLF #6 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	1,291.69	339.19
26 05 19 16-0523 MLF #4 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	1,567.89	363.69
26 05 19 16-0524 MLF #2 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	2,102.20	436.22
26 05 19 16-0525 MLF #1 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	2,476.90	484.55
26 05 19 16-0526 MLF #1/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	2,915.07	532.01
26 05 19 16-0527 MLF #2/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	3,509.18	631.00
26 05 19 16-0528 MLF #3/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	4,201.11	725.48
26 05 19 16-0529 MLF #4/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles.....	4,944.87	822.21
26 05 19 16-0530 MLF 250 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles.....	6,029.54	969.03
26 05 19 16-0531 MLF 300 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles.....	6,821.95	1,020.04
26 05 19 16-0532 MLF 350 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles.....	7,469.68	1,068.24
26 05 19 16-0533 MLF 400 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles.....	8,353.61	1,112.06
26 05 19 16-0534 MLF 500 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles.....	9,374.65	1,159.52



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0535				<b>Bare Solid Conductor</b> <small>(26 05 19 16-0500)</small>		
	26 05 19 16-0536	MLF		#12 AWG 1/c Bare Solid Copper Cable, Installed On Poles.....	781.43	266.52
	26 05 19 16-0537	MLF		#8 AWG 1/c Bare Solid Copper Cable, Installed On Poles.....	1,040.26	314.77
	26 05 19 16-0538	MLF		#6 AWG 1/c Bare Solid Copper Cable, Installed On Poles.....	1,263.54	339.19
	26 05 19 16-0539	MLF		#4 AWG 1/c Bare Solid Copper Cable, Installed On Poles.....	1,507.21	363.69
26 05 19 16-0540				<b>Multi-Conductor Cords, Cables And Associated Equipment</b> <small>(26 05 19 16-0500)</small>		
26 05 19 16-0541				<b>Multi-Conductor Cords</b> <small>(26 05 19 16-0540)</small> Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0542				<b>Multi-Conductor Type SOOW And SJOOW Cord</b> <small>(26 05 19 16-0541)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0543				<b>300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0542)</small>		
26 05 19 16-0544				<b>#18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0543)</small>		
	26 05 19 16-0545	LF		2/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.81	0.27
	26 05 19 16-0546	LF		3/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.85	0.27
	26 05 19 16-0547	LF		4/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.99	0.27
26 05 19 16-0548				<b>#16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0543)</small>		
	26 05 19 16-0549	LF		2/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.93	0.27
	26 05 19 16-0550	LF		3/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.02	0.27
	26 05 19 16-0551	LF		4/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.14	0.27
26 05 19 16-0552				<b>#14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0543)</small>		
	26 05 19 16-0553	LF		2/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.09	0.27
	26 05 19 16-0554	LF		3/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.22	0.27
	26 05 19 16-0555	LF		4/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.48	0.27
26 05 19 16-0556				<b>#12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0543)</small>		
	26 05 19 16-0557	LF		2/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.31	0.27
	26 05 19 16-0558	LF		3/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.47	0.27
	26 05 19 16-0559	LF		4/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.70	0.27
26 05 19 16-0560				<b>#10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0543)</small>		
	26 05 19 16-0561	LF		2/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.77	0.34
	26 05 19 16-0562	LF		3/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.88	0.34
	26 05 19 16-0563	LF		4/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.05	0.34
26 05 19 16-0564				<b>600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0542)</small>		
26 05 19 16-0565				<b>#18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0564)</small>		
	26 05 19 16-0566	LF		2/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	0.85	0.27
	26 05 19 16-0567	LF		3/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	0.95	0.27
	26 05 19 16-0568	LF		4/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.07	0.27
	26 05 19 16-0569	LF		5/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.00	0.37
	26 05 19 16-0570	LF		6/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.22	0.38
	26 05 19 16-0571	LF		7/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.36	0.39
	26 05 19 16-0572	LF		8/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.62	0.40
	26 05 19 16-0573	LF		10/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.05	0.42
	26 05 19 16-0574	LF		12/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.53	0.43
	26 05 19 16-0575	LF		14/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.79	0.44
	26 05 19 16-0576	LF		16/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.87	0.45
	26 05 19 16-0577	LF		18/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.00	0.46
	26 05 19 16-0578	LF		20/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.61	0.47
	26 05 19 16-0579	LF		24/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.19	0.48
	26 05 19 16-0580	LF		30/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.49	0.52
26 05 19 16-0581				<b>#16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0564)</small>		
	26 05 19 16-0582	LF		2/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.01	0.27
	26 05 19 16-0583	LF		3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.10	0.27
	26 05 19 16-0584	LF		4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.26	0.27
	26 05 19 16-0585	LF		5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.11	0.37
	26 05 19 16-0586	LF		6/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.36	0.38
	26 05 19 16-0587	LF		7/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.59	0.39
	26 05 19 16-0588	LF		8/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.91	0.40

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0589	LF		9/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.03	0.41
26 05 19 16-0590	LF		10/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.40	0.42
26 05 19 16-0591	LF		12/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.03	0.43
26 05 19 16-0592	LF		14/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.35	0.44
26 05 19 16-0593	LF		16/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.96	0.45
26 05 19 16-0594	LF		18/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.78	0.46
26 05 19 16-0595	LF		20/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.54	0.47
26 05 19 16-0596	LF		24/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.99	0.48
26 05 19 16-0597	LF		26/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.82	0.49
26 05 19 16-0598	LF		30/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.34	0.52
<b>26 05 19 16-0599</b>			<b>#14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		
26 05 19 16-0600	LF		2/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.25	0.27
26 05 19 16-0601	LF		3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.34	0.27
26 05 19 16-0602	LF		4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.58	0.27
26 05 19 16-0603	LF		5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.85	0.37
26 05 19 16-0604	LF		6/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.48	0.38
26 05 19 16-0605	LF		7/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.68	0.39
26 05 19 16-0606	LF		8/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.19	0.40
26 05 19 16-0607	LF		9/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.52	0.41
26 05 19 16-0608	LF		10/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.08	0.42
26 05 19 16-0609	LF		12/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.62	0.43
26 05 19 16-0610	LF		14/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.25	0.44
26 05 19 16-0611	LF		16/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.59	0.45
26 05 19 16-0612	LF		20/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.55	0.47
26 05 19 16-0613	LF		24/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.16	0.48
26 05 19 16-0614	LF		30/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.07	0.52
<b>26 05 19 16-0615</b>			<b>#12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		
26 05 19 16-0616	LF		2/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.48	0.27
26 05 19 16-0617	LF		3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.66	0.27
26 05 19 16-0618	LF		4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.84	0.27
26 05 19 16-0619	LF		5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.32	0.37
26 05 19 16-0620	LF		6/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.90	0.38
26 05 19 16-0621	LF		7/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.48	0.39
26 05 19 16-0622	LF		8/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.13	0.40
26 05 19 16-0623	LF		9/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.58	0.41
26 05 19 16-0624	LF		10/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.36	0.42
26 05 19 16-0625	LF		12/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.29	0.43
26 05 19 16-0626	LF		14/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.16	0.44
26 05 19 16-0627	LF		16/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.03	0.45
26 05 19 16-0628	LF		18/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.43	0.46
26 05 19 16-0629	LF		20/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.93	0.47
26 05 19 16-0630	LF		24/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.47	0.48
26 05 19 16-0631	LF		26/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.01	0.49
26 05 19 16-0632	LF		28/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.50	0.50
26 05 19 16-0633	LF		30/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	15.04	0.52
<b>26 05 19 16-0634</b>			<b>#10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		
26 05 19 16-0635	LF		2/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.73	0.34
26 05 19 16-0636	LF		3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.88	0.34
26 05 19 16-0637	LF		4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.04	0.34
26 05 19 16-0638	LF		5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.82	0.37
26 05 19 16-0639	LF		6/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.86	0.38
26 05 19 16-0640	LF		7/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.76	0.39
26 05 19 16-0641	LF		10/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.50	0.42
26 05 19 16-0642	LF		12/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.65	0.43
26 05 19 16-0643	LF		16/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.13	0.45
26 05 19 16-0644	LF		20/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	16.38	0.47
<b>26 05 19 16-0645</b>			<b>#8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		
26 05 19 16-0646	LF		3/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	3.69	0.41
26 05 19 16-0647	LF		4/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.04	0.48
26 05 19 16-0648	LF		5/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.66	0.48
<b>26 05 19 16-0649</b>			<b>#6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		
26 05 19 16-0650	LF		3/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.45	0.48
26 05 19 16-0651	LF		4/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.60	0.55
26 05 19 16-0652	LF		5/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	7.92	0.69
<b>26 05 19 16-0653</b>			<b>#4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0564)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0654 LF 3/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.81	0.69
26 05 19 16-0655 LF 4/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	9.71	0.76
26 05 19 16-0656 LF 5/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	11.79	0.82
<b>26 05 19 16-0657 #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0654)</small>		
26 05 19 16-0658 LF 3/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	12.85	1.37
26 05 19 16-0659 LF 4/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	16.38	1.72
26 05 19 16-0660 LF 5/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	19.58	2.28
<b>26 05 19 16-0661 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0542)</small>		
<b>26 05 19 16-0662 #18, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0661)</small>		
26 05 19 16-0663 LF 2/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.14	0.27
26 05 19 16-0664 LF 3/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.29	0.27
26 05 19 16-0665 LF 4/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.59	0.27
<b>26 05 19 16-0666 #16, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0661)</small>		
26 05 19 16-0667 LF 2/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.23	0.27
26 05 19 16-0668 LF 3/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.47	0.27
26 05 19 16-0669 LF 4/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.58	0.27
<b>26 05 19 16-0670 #14, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0661)</small>		
26 05 19 16-0671 LF 2/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	1.83	0.27
26 05 19 16-0672 LF 3/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	2.79	0.27
26 05 19 16-0673 LF 4/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III) .....	3.63	0.34
<b>26 05 19 16-0674 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0542)</small>		
<b>26 05 19 16-0675 #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0674)</small>		
26 05 19 16-0676 LF 2/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	1.75	0.27
26 05 19 16-0677 LF 3/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.16	0.27
26 05 19 16-0678 LF 4/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.58	0.27
<b>26 05 19 16-0679 #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0674)</small>		
26 05 19 16-0680 LF 2/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	1.89	0.27
26 05 19 16-0681 LF 3/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.31	0.27
26 05 19 16-0682 LF 4/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.96	0.27
26 05 19 16-0683 LF 5/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.20	0.34
<b>26 05 19 16-0684 #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0674)</small>		
26 05 19 16-0685 LF 3/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.41	0.27
26 05 19 16-0686 LF 4/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.94	0.27
26 05 19 16-0687 LF 5/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.29	0.34
<b>26 05 19 16-0688 #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0674)</small>		
26 05 19 16-0689 LF 3/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	2.91	0.27
26 05 19 16-0690 LF 4/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.38	0.27
26 05 19 16-0691 LF 5/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.78	0.34
<b>26 05 19 16-0692 #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0674)</small>		
26 05 19 16-0693 LF 3/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.35	0.34
26 05 19 16-0694 LF 4/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	3.77	0.34
26 05 19 16-0695 LF 5/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III) .....	4.17	0.34
<b>26 05 19 16-0696 Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0541)</small>		
<small>Note: Includes thermoplastic elastomeric (TPE) insulation.</small>		
<b>26 05 19 16-0697 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0696)</small>		
<b>26 05 19 16-0698 #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0697)</small>		
26 05 19 16-0699 LF 3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.25	0.27
26 05 19 16-0700 LF 4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.41	0.27
26 05 19 16-0701 LF 5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.28	0.34
<b>26 05 19 16-0702 #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0697)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0703 LF 3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.74	0.27
26 05 19 16-0704 LF 4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.05	0.27
26 05 19 16-0705 LF 5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.05	0.34
<b>26 05 19 16-0706 #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0697)</small>		
26 05 19 16-0707 LF 3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.25	0.27
26 05 19 16-0708 LF 4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.64	0.27
26 05 19 16-0709 LF 5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.38	0.34
<b>26 05 19 16-0710 #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0697)</small>		
26 05 19 16-0711 LF 3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.90	0.34
26 05 19 16-0712 LF 4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.38	0.34
26 05 19 16-0713 LF 5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.63	0.34
<b>26 05 19 16-0714 Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0541)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
<b>26 05 19 16-0715 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0714)</small>		
<b>26 05 19 16-0716 #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0715)</small>		
26 05 19 16-0717 LF 3/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.09	0.41
26 05 19 16-0718 LF 4/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.41	0.48
26 05 19 16-0719 LF 5/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.27	0.48
<b>26 05 19 16-0720 #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0715)</small>		
26 05 19 16-0721 LF 3/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.37	0.48
26 05 19 16-0722 LF 4/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.22	0.55
26 05 19 16-0723 LF 5/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.52	0.69
<b>26 05 19 16-0724 #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0715)</small>		
26 05 19 16-0725 LF 3/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.14	0.48
26 05 19 16-0726 LF 4/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	7.26	0.55
26 05 19 16-0727 LF 5/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	9.39	0.69
<b>26 05 19 16-0728 Cord Grips, Cable Reels, Extension Cords, And Accessories</b> <small>(26 05 19 16-0540)</small>		
<b>26 05 19 16-0729 Cord Grips</b> <small>(26 05 19 16-0728)</small>		
26 05 19 16-0730 EA Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel.....	43.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.52	
26 05 19 16-0731 EA Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel.....	43.76	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.52	
<b>26 05 19 16-0732 Cable Reels</b> <small>(26 05 19 16-0728)</small> Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0733 EA 30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A).....	495.91	34.43
26 05 19 16-0734 EA 50', 10-4, SEOW, Extension Cord Reel (Reelcraft L 7050 104 X 1).....	1,413.46	34.43
26 05 19 16-0735 EA 50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K).....	1,050.76	34.43
<b>26 05 19 16-0736 Extension Cords</b> <small>(26 05 19 16-0728)</small>		
26 05 19 16-0737 EA Extension Cord, 120 Volt 12/3, 100 Ft.....	86.16	
26 05 19 16-0738 EA Extension Cord, 240 Volt 10/3, 100 Ft.....	129.73	
<b>26 05 19 16-0739 Plugs And Connector Bodies</b> <small>(26 05 19 16-0728)</small> Note: Up to 277 volts.		
<b>26 05 19 16-0740 NEMA Twist-Lock Plugs</b> <small>(26 05 19 16-0739)</small>		
26 05 19 16-0741 EA 15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C).....	51.66	
26 05 19 16-0742 EA 15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	52.98	
26 05 19 16-0743 EA 20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C).....	47.40	
26 05 19 16-0744 EA 20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331).....	51.49	
26 05 19 16-0745 EA 20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411).....	70.65	
26 05 19 16-0746 EA 20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441).....	75.84	
26 05 19 16-0747 EA 20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK).....	80.92	
26 05 19 16-0748 EA 30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK).....	71.42	
26 05 19 16-0749 EA 30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK).....	83.90	
26 05 19 16-0750 EA 30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761).....	86.33	
26 05 19 16-0751 EA 30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK).....	89.42	
<b>26 05 19 16-0752 NEMA Twist-Lock Connector Bodies</b> <small>(26 05 19 16-0739)</small>		
26 05 19 16-0753 EA 15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C).....	55.41	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0754	EA			15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C).....	60.10	
26 05 19 16-0755	EA			20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C).....	50.22	
26 05 19 16-0756	EA			20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK).....	71.42	
26 05 19 16-0757	EA			20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK).....	85.11	
26 05 19 16-0758	EA			20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443).....	91.74	
26 05 19 16-0759	EA			20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK).....	114.04	
26 05 19 16-0760	EA			30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK).....	108.41	
26 05 19 16-0761	EA			30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK).....	136.35	
26 05 19 16-0762	EA			30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753).....	143.75	
26 05 19 16-0763	EA			30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK).....	135.69	
<b>26 05 19 16-0764</b>	<b>Watertight Pin And Sleeve Plug (26 05 19 16-0739)</b>					
26 05 19 16-0765	EA			20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W).....	148.85	20.66
26 05 19 16-0766	EA			20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W).....	150.41	20.66
26 05 19 16-0767	EA			20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W).....	162.52	20.66
26 05 19 16-0768	EA			20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W).....	163.00	22.72
26 05 19 16-0769	EA			20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W).....	160.65	22.72
26 05 19 16-0770	EA			20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W).....	161.35	22.72
26 05 19 16-0771	EA			30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W).....	226.42	25.41
26 05 19 16-0772	EA			30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W).....	220.57	25.41
26 05 19 16-0773	EA			30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W).....	245.70	25.41
26 05 19 16-0774	EA			30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W).....	241.71	27.89
26 05 19 16-0775	EA			30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W).....	231.55	27.89
26 05 19 16-0776	EA			30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W).....	238.54	27.89
26 05 19 16-0777	EA			60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W).....	307.49	33.05
26 05 19 16-0778	EA			60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W).....	313.06	33.05
26 05 19 16-0779	EA			60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W).....	299.85	33.05
26 05 19 16-0780	EA			60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W).....	341.38	36.77
26 05 19 16-0781	EA			60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W).....	332.71	36.77
26 05 19 16-0782	EA			60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W).....	336.46	36.77
26 05 19 16-0783	EA			100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W).....	421.54	41.31
26 05 19 16-0784	EA			100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W).....	443.06	41.31
26 05 19 16-0785	EA			100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W).....	432.51	45.44
26 05 19 16-0786	EA			100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W).....	425.16	45.44
26 05 19 16-0787	EA			100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W).....	429.13	45.44
<b>26 05 19 16-0788</b>	<b>Watertight Pin And Sleeve Connector (26 05 19 16-0739)</b>					
26 05 19 16-0789	EA			20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W).....	157.82	20.66
26 05 19 16-0790	EA			20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W).....	158.90	20.66
26 05 19 16-0791	EA			20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W).....	186.79	20.66
26 05 19 16-0792	EA			20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W).....	185.60	22.72
26 05 19 16-0793	EA			20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W).....	182.77	22.72
26 05 19 16-0794	EA			20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W).....	185.33	22.72
26 05 19 16-0795	EA			30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W).....	231.78	25.41
26 05 19 16-0796	EA			30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W).....	231.72	25.41
26 05 19 16-0797	EA			30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W).....	241.34	25.41
26 05 19 16-0798	EA			30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W).....	239.10	27.89
26 05 19 16-0799	EA			30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W).....	241.08	27.89
26 05 19 16-0800	EA			30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W).....	238.99	27.89
26 05 19 16-0801	EA			60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W).....	362.46	33.05
26 05 19 16-0802	EA			60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W).....	350.68	33.05
26 05 19 16-0803	EA			60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W).....	343.66	33.05
26 05 19 16-0804	EA			60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W).....	374.10	36.77
26 05 19 16-0805	EA			60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W).....	384.34	36.77
26 05 19 16-0806	EA			60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W).....	385.09	36.77
26 05 19 16-0807	EA			100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W).....	481.84	41.31
26 05 19 16-0808	EA			100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W).....	495.35	41.31
26 05 19 16-0809	EA			100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W).....	535.35	45.44
26 05 19 16-0810	EA			100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W).....	516.79	45.44
26 05 19 16-0811	EA			100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W).....	523.12	45.44
<b>26 05 19 16-0812</b>	<b>Accessories (26 05 19 16-0728)</b>					
26 05 19 16-0813	EA			1/2" Straight Steel Cord Connector.....	32.83	6.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0814	EA			1/2" Straight Nylon Cord Connector.....	19.86	5.16
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 19 16-0815	EA			1/2" 90 Degree Steel Cord Connector.....	37.71	8.60
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0816	EA			1/2" 90 Degree Nylon Cord Connector.....	24.01	6.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0817	EA			1/2" Straight Steel Cord Connector With Strain Relief Mesh.....	37.24	8.60
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0818	EA			1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	63.69	10.33
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	
26 05 19 16-0819	EA			1/2" Straight Nylon Cord Connector With Strain Relief Mesh.....	23.66	6.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0820	EA			1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	39.45	8.60
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0821	EA		3/4" Straight Steel Cord Connector.....	34.17	6.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0822	EA		3/4" Straight Nylon Cord Connector.....	20.53	5.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 19 16-0823	EA		3/4" 90 Degree Steel Cord Connector.....	41.90	8.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0824	EA		3/4" 90 Degree Nylon Cord Connector.....	26.12	6.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0825	EA		3/4" Straight Steel Cord Connector With Strain Relief Mesh.....	42.09	10.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	
26 05 19 16-0826	EA		3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	50.02	12.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.23	
26 05 19 16-0827	EA		3/4" Straight Nylon Cord Connector With Strain Relief Mesh.....	28.51	8.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0828	EA		3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	34.42	10.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	
26 05 19 16-0829	EA		1" Straight Steel Cord Connector.....	42.78	6.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0830	EA		1" Straight Nylon Cord Connector.....	24.84	5.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 19 16-0831	EA		1" 90 Degree Steel Cord Connector.....	47.59	8.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0832	EA		1" 90 Degree Nylon Cord Connector.....	28.96	6.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 19 16-0833	EA		1" Straight Steel Cord Connector With Strain Relief Mesh.....	51.13	10.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	
26 05 19 16-0834	EA		1" 90 Degree Steel Cord Connector With Strain Relief Mesh.....	55.98	12.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.23	
26 05 19 16-0835	EA		1" Straight Nylon Cord Connector With Strain Relief Mesh.....	33.10	8.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 19 16-0836	EA		1" 90 Degree Nylon Cord Connector With Strain Relief Mesh.....	38.30	10.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	

**26 05 23 Control-Voltage Electrical Power Cables (26 05)****26 05 23 00-0001 Cable For Sound System (26 05 23)****26 05 23 00-0002 Shielded Conductors (26 05 23 00-0001)**

Note: One pair, stranded or solid, copper, PVC jacketed, sizes as indicated on tasks.

26 05 23 00-0003	MLF		1 Pair #20 AWG Sound System, Placed In Conduit, Shielded.....	628.22	251.81
26 05 23 00-0004	MLF		1 Pair #14 AWG Sound System, Placed In Conduit, Shielded.....	1,025.73	251.81
26 05 23 00-0005	MLF		3 Conductor, #16 AWG Sound System, Placed In Conduit, Shielded.....	849.43	149.31
26 05 23 00-0006	MLF		6 Conductor, #18 AWG Sound System, Placed In Conduit, Shielded.....	895.58	152.60

**26 05 23 00-0007 Cable For HVAC System Controls (26 05 23)****26 05 23 00-0008 Low Voltage Thermostat Cable To 300 Volts (26 05 23 00-0007)**

Note: For surface or conduit installation.

26 05 23 00-0009	MLF		#20/2 Conductor, Low Volt Thermostat Cable.....	295.19	80.27
26 05 23 00-0010	MLF		#20/3 Conductor, Low Volt Thermostat Cable.....	342.43	84.54
26 05 23 00-0011	MLF		#20/4 Conductor, Low Volt Thermostat Cable.....	372.88	89.40
26 05 23 00-0012	MLF		#20/5 Conductor, Low Volt Thermostat Cable.....	458.21	93.17
26 05 23 00-0013	MLF		#20/6 Conductor, Low Volt Thermostat Cable.....	481.48	97.57
26 05 23 00-0014	MLF		#20/7 Conductor, Low Volt Thermostat Cable.....	533.29	101.63
26 05 23 00-0015	MLF		#20/8 Conductor, Low Volt Thermostat Cable.....	577.74	105.70
26 05 23 00-0016	MLF		#20/9 Conductor, Low Volt Thermostat Cable.....	630.99	109.92
26 05 23 00-0017	MLF		#20/10 Conductor, Low Volt Thermostat Cable.....	682.76	113.21
26 05 23 00-0018	MLF		#18/2 Conductor, Low Volt Thermostat Cable.....	325.92	80.27
26 05 23 00-0019	MLF		#18/3 Conductor, Low Volt Thermostat Cable.....	397.26	84.54
26 05 23 00-0020	MLF		#18/4 Conductor, Low Volt Thermostat Cable.....	459.87	89.40
26 05 23 00-0021	MLF		#18/5 Conductor, Low Volt Thermostat Cable.....	494.12	93.17
26 05 23 00-0022	MLF		#18/6 Conductor, Low Volt Thermostat Cable.....	553.62	97.57
26 05 23 00-0023	MLF		#18/7 Conductor, Low Volt Thermostat Cable.....	566.41	101.63
26 05 23 00-0024	MLF		#18/8 Conductor, Low Volt Thermostat Cable.....	628.28	105.70
26 05 23 00-0025	MLF		#18/9 Conductor, Low Volt Thermostat Cable.....	752.27	109.92
26 05 23 00-0026	MLF		#18/10 Conductor, Low Volt Thermostat Cable.....	832.34	113.21

**26 05 26 Grounding And Bonding For Electrical Systems (26 05)****26 05 26 00-0001 Conductors, Straps And Conduit Jumpers (26 05 26)****26 05 26 00-0002 Single Conductor (26 05 26 00-0001)****26 05 26 00-0003 Copper Bare Stranded Conductors (26 05 26 00-0002)**

26 05 26 00-0004	MLF		12 AWG Copper Bare Single Stranded Conductor.....	331.36	121.65
26 05 26 00-0005	MLF		10 AWG Copper Bare Single Stranded Conductor.....	439.95	121.65
26 05 26 00-0006	MLF		8 AWG Copper Bare Single Stranded Conductor.....	549.05	146.53
26 05 26 00-0007	MLF		6 AWG Copper Bare Single Stranded Conductor.....	759.37	146.53
26 05 26 00-0008	MLF		4 AWG Copper Bare Single Stranded Conductor.....	1,023.24	176.95
26 05 26 00-0009	MLF		2 AWG Copper Bare Single Stranded Conductor.....	1,616.07	176.95



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0010 MLF 1 AWG Copper Bare Single Stranded Conductor.....	1,872.14	212.89
26 05 26 00-0011 MLF 1/0 AWG Copper Bare Single Stranded Conductor.....	2,196.63	212.89
26 05 26 00-0012 MLF 2/0 AWG Copper Bare Single Stranded Conductor.....	3,084.33	268.18
26 05 26 00-0013 MLF 3/0 AWG Copper Bare Single Stranded Conductor.....	3,805.62	268.18
26 05 26 00-0014 MLF 4/0 AWG Copper Bare Single Stranded Conductor.....	4,033.48	356.66
26 05 26 00-0015 MLF 250 MCM Copper Bare Single Stranded Conductor.....	5,186.21	356.66
26 05 26 00-0016 MLF 300 MCM Copper Bare Single Stranded Conductor.....	5,200.30	411.95
26 05 26 00-0017 MLF 350 MCM Copper Bare Single Stranded Conductor.....	7,018.62	411.95
26 05 26 00-0018 MLF 500 MCM Copper Bare Single Stranded Conductor.....	9,587.67	508.72
<b>26 05 26 00-0019 Copper Insulated Single Stranded Conductors (26 05 26 00-0002)</b>		
26 05 26 00-0020 MLF 12 AWG Copper Insulated Single Stranded Conductor.....	629.24	165.88
26 05 26 00-0021 MLF 10 AWG Copper Insulated Single Stranded Conductor.....	667.59	165.88
26 05 26 00-0022 MLF 8 AWG Copper Insulated Single Stranded Conductor.....	858.50	165.88
26 05 26 00-0023 MLF 6 AWG Copper Insulated Single Stranded Conductor.....	971.85	287.54
26 05 26 00-0024 MLF 4 AWG Copper Insulated Single Stranded Conductor.....	1,319.70	287.54
26 05 26 00-0025 MLF 2 AWG Copper Insulated Single Stranded Conductor.....	1,871.44	287.54
26 05 26 00-0026 MLF 1 AWG Copper Insulated Single Stranded Conductor.....	2,266.21	503.19
26 05 26 00-0027 MLF 1/0 AWG Copper Insulated Single Stranded Conductor.....	2,769.17	503.19
26 05 26 00-0028 MLF 2/0 AWG Copper Insulated Single Stranded Conductor.....	3,252.30	503.19
26 05 26 00-0029 MLF 3/0 AWG Copper Insulated Single Stranded Conductor.....	3,881.86	503.19
26 05 26 00-0030 MLF 4/0 AWG Copper Insulated Single Stranded Conductor.....	4,585.17	658.02
26 05 26 00-0031 MLF 250 MCM Copper Insulated Single Stranded Conductor.....	5,554.27	658.02
26 05 26 00-0032 MLF 300 MCM Copper Insulated Single Stranded Conductor.....	6,476.62	658.02
26 05 26 00-0033 MLF 350 MCM Copper Insulated Single Stranded Conductor.....	7,566.15	1,022.97
26 05 26 00-0034 MLF 500 MCM Copper Insulated Single Stranded Conductor.....	9,898.74	1,022.97
<b>26 05 26 00-0035 Copper Bare Single Solid Conductors (26 05 26 00-0002)</b>		
26 05 26 00-0036 MLF 12 AWG Copper Bare Single Solid Conductor.....	331.36	121.65
26 05 26 00-0037 MLF 10 AWG Copper Bare Single Solid Conductor.....	439.95	121.65
26 05 26 00-0038 MLF 8 AWG Copper Bare Single Solid Conductor.....	549.05	146.53
26 05 26 00-0039 MLF 6 AWG Copper Bare Single Solid Conductor.....	759.37	146.53
26 05 26 00-0040 MLF 4 AWG Copper Bare Single Solid Conductor.....	1,023.24	176.95
26 05 26 00-0041 MLF 2 AWG Copper Bare Single Solid Conductor.....	1,616.07	176.95
26 05 26 00-0042 MLF 1/0 AWG Copper Bare Single Solid Conductor.....	2,196.63	212.89
26 05 26 00-0043 MLF 4/0 AWG Copper Bare Single Solid Conductor.....	4,033.48	282.00
<b>26 05 26 00-0044 Aluminum Bare Single Stranded Conductors (26 05 26 00-0002)</b>		
26 05 26 00-0045 MLF 8 AWG Aluminum Bare Single Stranded Conductor.....	389.05	146.53
26 05 26 00-0046 MLF 6 AWG Aluminum Bare Single Stranded Conductor.....	430.05	146.53
26 05 26 00-0047 MLF 4 AWG Aluminum Bare Single Stranded Conductor.....	493.78	176.95
26 05 26 00-0048 MLF 2 AWG Aluminum Bare Single Stranded Conductor.....	624.76	176.95
26 05 26 00-0049 MLF 1 AWG Aluminum Bare Single Stranded Conductor.....	728.71	212.89
26 05 26 00-0050 MLF 1/0 AWG Aluminum Bare Single Stranded Conductor.....	834.80	212.89
26 05 26 00-0051 MLF 2/0 AWG Aluminum Bare Single Stranded Conductor.....	955.38	268.18
26 05 26 00-0052 MLF 3/0 AWG Aluminum Bare Single Stranded Conductor.....	1,103.95	268.18
26 05 26 00-0053 MLF 4/0 AWG Aluminum Bare Single Stranded Conductor.....	1,312.06	356.66
26 05 26 00-0054 MLF 250 MCM Aluminum Bare Single Stranded Conductor.....	1,476.71	356.66
26 05 26 00-0055 MLF 300 MCM Aluminum Bare Single Stranded Conductor.....	1,774.84	411.95
26 05 26 00-0056 MLF 350 MCM Aluminum Bare Single Stranded Conductor.....	2,027.31	411.95
26 05 26 00-0057 MLF 500 MCM Aluminum Bare Single Stranded Conductor.....	2,381.73	508.72
<b>26 05 26 00-0058 Aluminum Bare Single Solid Conductors (26 05 26 00-0002)</b>		
26 05 26 00-0059 MLF 8 AWG Aluminum Bare Single Solid Conductor.....	389.05	146.53
26 05 26 00-0060 MLF 6 AWG Aluminum Bare Single Solid Conductor.....	430.05	146.53
26 05 26 00-0061 MLF 4 AWG Aluminum Bare Single Solid Conductor.....	493.78	176.95
26 05 26 00-0062 MLF 2 AWG Aluminum Bare Single Solid Conductor.....	624.76	176.95
26 05 26 00-0063 MLF 1 AWG Aluminum Bare Single Solid Conductor.....	706.40	282.00
26 05 26 00-0064 MLF 1/0 AWG Aluminum Bare Single Solid Conductor.....	834.80	282.00
26 05 26 00-0065 MLF 2/0 AWG Aluminum Bare Single Solid Conductor.....	900.11	268.18
26 05 26 00-0066 MLF 3/0 AWG Aluminum Bare Single Solid Conductor.....	992.64	268.18
26 05 26 00-0067 MLF 4/0 AWG Aluminum Bare Single Solid Conductor.....	1,312.06	356.66
26 05 26 00-0068 MLF 250 MCM Aluminum Bare Single Solid Conductor.....	1,476.71	356.66
26 05 26 00-0069 MLF 300 MCM Aluminum Bare Single Solid Conductor.....	1,774.84	411.95
26 05 26 00-0070 MLF 350 MCM Aluminum Bare Single Solid Conductor.....	2,027.31	411.95
26 05 26 00-0071 MLF 500 MCM Aluminum Bare Single Solid Conductor.....	2,381.73	508.72
<b>26 05 26 00-0072 Aluminum Smooth Woven Conductors (26 05 26 00-0002)</b>		
26 05 26 00-0073 LF 10 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	1.55	0.47
26 05 26 00-0074 LF 16 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	1.71	0.52
26 05 26 00-0075 LF 24 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.03	0.60
26 05 26 00-0076 LF 26 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	1.98	0.61
26 05 26 00-0077 LF 28 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.14	0.64

**26 Electrical****26 05 Common Work Results For Electrical****26 05 26 Grounding And Bonding For Electrical Systems**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0078			<b>Copper Flexible Braid Connector Jumper Strap</b> <small>(26 05 26 00-0001)</small> Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.		
26 05 26 00-0079	EA		100 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	83.64	17.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 05 26 00-0080	EA		225 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	145.87	20.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 05 26 00-0081	EA		225 Amp, Copper Flexible Braid Jumper Strap, 18" Length.....	187.74	20.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 05 26 00-0082	EA		225 Amp, Copper Flexible Braid Jumper Strap, 24" Length.....	229.03	20.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 05 26 00-0083	EA		400 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	196.75	22.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.50	
26 05 26 00-0084	EA		400 Amp, Copper Flexible Braid Jumper Strap, 18" Length.....	256.97	22.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.50	
26 05 26 00-0085	EA		400 Amp, Copper Flexible Braid Jumper Strap, 24" Length.....	309.30	22.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.50	
26 05 26 00-0086	EA		600 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	257.00	28.41
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.04	
26 05 26 00-0087	EA		800 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	309.01	34.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 05 26 00-0088			<b>Bonding Jumper For Metallic Conduit</b> <small>(26 05 26 00-0001)</small>		
26 05 26 00-0089	EA		1/2" To 1" Conductor, Bonding Jumper - Metallic Conduit.....	109.27	37.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.52	
26 05 26 00-0090	EA		1-1/4" To 2" Conductor, Bonding Jumper - Metallic Conduit.....	134.64	37.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.48	
26 05 26 00-0091	EA		2-1/2" To 4" Conductor, Bonding Jumper - Metallic Conduit.....	199.54	58.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.30	
26 05 26 00-0092	EA		5" To 6" Conductor, Bonding Jumper - Metallic Conduit.....	297.41	58.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.25	
26 05 26 00-0093			<b>Ground Rods</b> <small>(26 05 26)</small>		
26 05 26 00-0094			<b>Copper-Clad Ground Rods</b> <small>(26 05 26 00-0093)</small>		
26 05 26 00-0095	EA		1/2" Diameter x 8' Long Copper-Clad Ground Rods.....	64.35	51.64
26 05 26 00-0096	EA		5/8" Diameter x 8' Long Copper-Clad Ground Rods.....	67.85	51.64
26 05 26 00-0097	EA		3/4" Diameter x 8' Long Copper-Clad Ground Rods.....	81.98	51.64
26 05 26 00-0098	EA		1/2" Diameter x 10' Long Copper-Clad Ground Rods.....	76.14	51.64
26 05 26 00-0099	EA		5/8" Diameter x 10' Long Copper-Clad Ground Rods.....	80.52	51.64
26 05 26 00-0100	EA		3/4" Diameter x 10' Long Copper-Clad Ground Rods.....	98.18	51.64
26 05 26 00-0101			<b>Ground Access Wells</b> <small>(26 05 26 00-0093)</small>		
26 05 26 00-0102			<b>Precast Ground Access Wells</b> <small>(26 05 26 00-0101)</small>		
26 05 26 00-0103	EA		8" Diameter x 24" Deep Precast Ground Access Well.....	135.64	
			Note: With cast iron grate.		
26 05 26 00-0104	EA		10" Diameter x 24" Deep Precast Ground Access Well.....	140.12	
			Note: With cast iron grate.		
26 05 26 00-0105	EA		12" Diameter x 24" Deep Precast Ground Access Well.....	422.72	
			Note: With cast iron grate.		
26 05 26 00-0106	EA		18" Diameter x 24" Deep Precast Ground Access Well.....	427.22	
			Note: With cast iron grate.		
26 05 26 00-0107			<b>Polyvinyl Chloride (PVC) Ground Access Well</b> <small>(26 05 26 00-0101)</small>		
26 05 26 00-0108	EA		10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	259.01	
			Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0109	EA		12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	305.14	
			Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0110	EA		18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	571.33	
			Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0111	EA		10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	247.33	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0112	EA		12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	248.79	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0113	EA		18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	547.67	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0114	EA		8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	136.56	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0115	EA		10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	146.03	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0116	EA		12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	154.38	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0117	EA		8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	103.89	
26 05 26 00-0118	EA		10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	155.45	
26 05 26 00-0119	EA		8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	277.51	
			Note: Schedule 40 with flat steel cover.		
26 05 26 00-0120	EA		10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	370.30	
			Note: Schedule 40 with flat steel cover.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0121 EA 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	222.18	
Note: Schedule 40 with plastic cover.		
26 05 26 00-0122 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	325.07	
Note: Schedule 40 with plastic cover.		
26 05 26 00-0123 EA 10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well.....	345.54	
Note: With cast iron grate, heavy duty.		
26 05 26 00-0124 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well.....	420.90	
Note: With cast iron grate, heavy duty.		
26 05 26 00-0125 EA 12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well.....	183.80	
Note: With cast iron grate, heavy duty.		
26 05 26 00-0126 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well.....	324.90	
Note: With cast iron grate, heavy duty.		
26 05 26 00-0127 EA 12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well.....	350.00	
Note: With cast iron grate, heavy duty.		
<b>26 05 26 00-0128 Polymer Concrete Ground Access Well (26 05 26 00-0101)</b>		
26 05 26 00-0129 EA 12" x 12" x 12" Polymer Concrete Ground Access Well.....	265.54	
26 05 26 00-0130 EA 12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well.....	291.82	
26 05 26 00-0131 EA 12" x 12" x 18" Polymer Concrete Ground Access Well.....	292.94	
26 05 26 00-0132 EA 12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	321.88	
26 05 26 00-0133 EA 12" x 12" x 24" Polymer Concrete Ground Access Well.....	321.42	
26 05 26 00-0134 EA 12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well.....	353.26	
26 05 26 00-0135 EA 13" x 24" x 18" Polymer Concrete Ground Access Well.....	430.77	
26 05 26 00-0136 EA 13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	474.27	
<b>26 05 26 00-0137 High Density Polyethylene (HDPE) Ground Access Well (26 05 26 00-0101)</b>		
26 05 26 00-0138 EA 9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well.....	93.89	
Note: With cover.		
26 05 26 00-0139 EA 14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well.....	131.62	
Note: With cover.		
<b>26 05 26 00-0140 Ground Rod Clamps And Fittings (26 05 26)</b>		
<b>26 05 26 00-0141 Bronze Ground Rod Clamp (26 05 26 00-0140)</b>		
26 05 26 00-0142 EA 1/2" Bronze Ground Rod Clamp.....	15.29	7.78
26 05 26 00-0143 EA 5/8" Bronze Ground Rod Clamp.....	16.17	7.78
26 05 26 00-0144 EA 3/4" Bronze Ground Rod Clamp.....	17.42	7.78
<b>26 05 26 00-0145 Bronze Pipe Clamps (26 05 26 00-0140)</b>		
26 05 26 00-0146 EA 1/2" To 1" Bronze Pipe Ground Clamps.....	19.45	12.94
26 05 26 00-0147 EA 1-1/4" To 2" Bronze Ground Clamps For Pipe.....	25.60	15.49
26 05 26 00-0148 EA 2-1/2" To 3" Bronze Ground Clamps For Pipe.....	42.66	18.11
26 05 26 00-0149 EA 2-1/2" To 4" Bronze Ground Clamps For Pipe.....	51.14	23.27
26 05 26 00-0150 EA 4" To 6" Bronze Ground Clamps For Pipe.....	80.12	33.60
<b>26 05 26 00-0151 Grounding Fittings (26 05 26 00-0140)</b>		
<b>26 05 26 00-0152 Embedded Fittings (26 05 26 00-0151)</b>		
26 05 26 00-0153 EA Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	103.18	
26 05 26 00-0154 EA Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	111.18	
26 05 26 00-0155 EA Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded.....	125.36	
26 05 26 00-0156 EA Grounding Wire Splice, Copper To Aluminum, #8 - 1 AWG.....	93.02	
26 05 26 00-0157 EA Grounding Wire Splice, Copper To Aluminum, 1/0 - 3/0 AWG.....	111.40	
26 05 26 00-0158 EA Grounding Wire Splice, Copper To Aluminum, 4/0 - 300 MCM.....	130.93	
26 05 26 00-0159 EA Grounding Wire Splice, Copper To Aluminum, 350 MCM And Up.....	148.17	
<b>26 05 26 00-0160 Ground Rod Receptacle (26 05 26 00-0151)</b>		
26 05 26 00-0161 EA 1/2" Ground Rod Receptacle.....	224.64	71.61
26 05 26 00-0162 EA 5/8" Ground Rod Receptacle.....	235.81	73.63
26 05 26 00-0163 EA 3/4" Ground Rod Receptacle.....	247.20	75.63
<b>26 05 26 00-0164 Ground Kits For Circuit Breaker Panels (26 05 26 00-0151)</b>		
26 05 26 00-0165 EA 14-8 AWG Copper Ground Kit.....	49.49	17.22
26 05 26 00-0166 EA 12-8 AWG Aluminum Ground Kit.....	41.06	17.22
26 05 26 00-0167 EA 14-4 AWG Copper Ground Kit.....	56.21	17.22
26 05 26 00-0168 EA 12-4 AWG Aluminum Ground Kit.....	45.70	17.22
<b>26 05 26 00-0169 Insulated Grounding Bars (26 05 26 00-0140)</b>		
26 05 26 00-0170 EA Insulated Ground Bar 1/2" x 4" x 10".....	221.57	17.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.99	
26 05 26 00-0171 EA Insulated Ground Bar SK 9560 1/2" x 4" x 20".....	234.55	17.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.99	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 26 Grounding And Bonding For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 26 00-0172		Ground Conductor Bonding <small>(26 05 26)</small>			
26 05 26 00-0173		Ground Conductor Bonding <small>(26 05 26 00-0172)</small>			
26 05 26 00-0174		Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld <small>(26 05 26 00-0173)</small>			
26 05 26 00-0175	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... Note: Includes molds, materials and all necessary tools to make connections.	86.72		
26 05 26 00-0176	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... Note: Includes molds, materials and all necessary tools to make connections.	93.60		
26 05 26 00-0177	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... Note: Includes molds, materials and all necessary tools to make connections.	100.49		
26 05 26 00-0178	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel..... Note: Includes molds, materials and all necessary tools to make connections.	141.80		
26 05 26 00-0179		Tee, Wye Or Cross Cadweld <small>(26 05 26 00-0173)</small>			
26 05 26 00-0180	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross..... Note: Includes molds, materials and all necessary tools to make connections.	97.04		
26 05 26 00-0181	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross..... Note: Includes molds, materials and all necessary tools to make connections.	110.82		
26 05 26 00-0182	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross..... Note: Includes molds, materials and all necessary tools to make connections.	134.92		
26 05 26 00-0183	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross..... Note: Includes molds, materials and all necessary tools to make connections.	162.46		
26 05 26 00-0184		Grounding Equipment <small>(26 05 26)</small>			
26 05 26 00-0185		Special Grounding Equipment <small>(26 05 26 00-0184)</small>			
26 05 26 00-0186		Ground Reels And Ground Bus <small>(26 05 26 00-0185)</small>			
26 05 26 00-0187	EA	Ground Reel With 50' Of Galvanized Steel Cable.....	566.80		
26 05 26 00-0188		Copper Bars <small>(26 05 26 00-0185)</small>			
26 05 26 00-0189	LF	1/4" x 2" Copper Bar.....	31.93		
26 05 26 00-0190		Phenolic Insulators <small>(26 05 26 00-0185)</small>			
26 05 26 00-0191	EA	2" x 2" x 1" Long Phenolic Insulators..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.80 4.13		
26 05 26 00-0192		Grounding Studs <small>(26 05 26 00-0185)</small>			
26 05 26 00-0193	EA	Ball Grounding Stud..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.44 6.17		
26 05 26 00-0194		Equipment Ground Bar Kits <small>(26 05 26 00-0185)</small>			
26 05 26 00-0195	EA	Switch Rating 30 Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.81 4.13		
26 05 26 00-0196	EA	Switch Rating 60 Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.03 4.55		
26 05 26 00-0197	EA	Switch Rating 100 Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.16 5.17		
26 05 26 00-0198	EA	Switch Rating 200 Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.32 6.20		
26 05 26 00-0199		Panelboard Ground Bar Kits <small>(26 05 26 00-0185)</small>			
26 05 26 00-0200	EA	Panelboard Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.86 5.17	5.16	
26 05 26 00-0201		Circuit Breaker Ground Bar Kits <small>(26 05 26 00-0185)</small>			
26 05 26 00-0202	EA	3 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.37 3.10	3.10	
26 05 26 00-0203	EA	4 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.95 3.10	3.10	
26 05 26 00-0204	EA	7 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.65 3.10	3.10	
26 05 26 00-0205	EA	12 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.27 3.51	3.51	
26 05 26 00-0206	EA	20 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.46 3.93	3.92	
26 05 26 00-0207	EA	24 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.09 4.34	4.34	
26 05 26 00-0208	EA	30 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.26 4.96	4.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0209 EA 54 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.10 5.78	5.79
26 05 26 00-0210 EA 24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.13 4.34	4.34
26 05 26 00-0211 EA 30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.41 4.96	4.95
26 05 26 00-0212 EA 54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.40 5.78	5.79
<b>26 05 29 Hangers And Supports For Electrical Systems (26 05)</b>		
<b>26 05 29 00-0001 Metal Framing Channel And Fittings (26 05 29)</b>		
<b>26 05 29 00-0002 Metal Framing Channel (26 05 29 00-0001)</b>		
<b>26 05 29 00-0003 14 Gauge Metal Framing Channels (26 05 29 00-0002)</b>		
<b>26 05 29 00-0004 14 Gauge, Steel Unistrut Channel (26 05 29 00-0003)</b>		
26 05 29 00-0005 EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	12.89	3.78
26 05 29 00-0006 EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	15.05	3.78
26 05 29 00-0007 LF >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	6.91	1.42
<b>26 05 29 00-0008 14 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0003)</b>		
26 05 29 00-0009 EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	19.93	3.78
26 05 29 00-0010 EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	21.97	3.78
26 05 29 00-0011 EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	29.14	3.78
26 05 29 00-0012 EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	33.22	3.78
26 05 29 00-0013 LF >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	13.95	1.42
26 05 29 00-0014 LF >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	15.99	1.42
<b>26 05 29 00-0015 14 Gauge, 316 Stainless Steel Unistrut Channel (26 05 29 00-0003)</b>		
26 05 29 00-0016 EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	28.73	3.78
26 05 29 00-0017 EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	46.74	3.78
26 05 29 00-0018 LF >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	22.75	1.42
<b>26 05 29 00-0019 12 Gauge Metal Framing Channels (26 05 29 00-0002)</b>		
<b>26 05 29 00-0020 12 Gauge, Steel Unistrut Channel (26 05 29 00-0019)</b>		
26 05 29 00-0021 EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	13.88	3.78
26 05 29 00-0022 EA Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	13.54	3.78
26 05 29 00-0023 EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....	13.32	3.78
26 05 29 00-0024 EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	17.03	3.78
26 05 29 00-0025 EA >1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	16.36	3.78
26 05 29 00-0026 EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	15.93	3.78
26 05 29 00-0027 LF >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	7.90	1.42
26 05 29 00-0028 LF >2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	7.56	1.42
26 05 29 00-0029 LF >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	7.34	1.42
<b>26 05 29 00-0030 12 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0019)</b>		
26 05 29 00-0031 EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	22.64	3.78
26 05 29 00-0032 EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	26.16	3.78
26 05 29 00-0033 EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	34.56	3.78
26 05 29 00-0034 EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	41.60	3.78
26 05 29 00-0035 LF >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	16.66	1.42
26 05 29 00-0036 LF >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	20.18	1.42
<b>26 05 29 00-0037 Metal Framing Channel Fittings (26 05 29 00-0001)</b>		
<b>26 05 29 00-0038 Unistrut Channel Closure Strips And Caps (26 05 29 00-0037)</b>		
<b>26 05 29 00-0039 Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)</b>		
26 05 29 00-0040 LF Steel Raceway Closure Strip, Unistrut Channel Fittings.....	4.08	0.34
26 05 29 00-0041 EA Steel End Cap, Unistrut Channel Fittings .....	8.23	3.45
<b>26 05 29 00-0042 Stainless Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)</b>		
26 05 29 00-0043 EA Stainless Steel End Cap For Unistrut Channel .....	12.16	3.45
<b>26 05 29 00-0044 Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0045 Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)</b>		
26 05 29 00-0046 EA 2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	4.01	3.98
26 05 29 00-0047 EA 3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	3.98	3.98
26 05 29 00-0048 EA 4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	4.86	3.98

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>26 05 29 00-0049</b>		<b>Stainless Steel Flat Splice Plate, Unistrut Channel Fittings</b> <small>(26 05 29 00-0044)</small>		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting .....	9.91	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting .....	14.70	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting .....	18.75	
<b>26 05 29 00-0053</b>		<b>90 Degree Angle, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0054</b>		<b>Steel 90 Degree Angle, Unistrut Channel Fittings</b> <small>(26 05 29 00-0053)</small>		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting .....	3.88	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting .....	3.24	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting .....	5.63	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting .....	5.55	
<b>26 05 29 00-0059</b>		<b>Stainless Steel 90 Degree Angle, Unistrut Channel Fittings</b> <small>(26 05 29 00-0053)</small>		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting .....	5.72	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting .....	7.13	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting .....	6.06	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting .....	8.56	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting .....	7.83	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting .....	14.37	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting .....	8.23	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting .....	11.89	
<b>26 05 29 00-0068</b>		<b>60 Degree Angle, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0069</b>		<b>Steel 60 Degree Angle, Unistrut Channel Fittings</b> <small>(26 05 29 00-0068)</small>		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting .....	8.07	
<b>26 05 29 00-0071</b>		<b>U-Connector, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0072</b>		<b>Steel, U-Connector, Unistrut Channel Fittings</b> <small>(26 05 29 00-0071)</small>		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting .....	4.40	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting .....	5.07	
<b>26 05 29 00-0075</b>		<b>Stainless Steel, U-Connector, Unistrut Channel Fittings</b> <small>(26 05 29 00-0071)</small>		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting .....	11.81	
<b>26 05 29 00-0077</b>		<b>Z-Bracket, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0078</b>		<b>Steel Z-Bracket, Unistrut Channel Fittings</b> <small>(26 05 29 00-0077)</small>		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting .....	8.29	
<b>26 05 29 00-0080</b>		<b>Stainless Steel Z-Bracket, Unistrut Channel Fittings</b> <small>(26 05 29 00-0077)</small>		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting .....	22.86	
<b>26 05 29 00-0082</b>		<b>Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0037)</small>		
		Note: Includes hex screw and nut.		
<b>26 05 29 00-0083</b>		<b>Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small>		
		Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	3.01	1.03
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	3.03	1.03
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	3.10	1.03
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	3.89	1.38
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	4.28	1.38
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	4.32	1.38
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	5.28	1.73
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	5.62	1.73
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	5.95	1.73
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	6.06	1.73
<b>26 05 29 00-0094</b>		<b>304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small>		
		Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	4.64	1.03
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	5.17	1.03
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	5.70	1.03
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	7.10	1.38
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel .....	8.58	1.38





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0100 EA 2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	8.97	1.38
26 05 29 00-0101 EA 2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.77	1.73
26 05 29 00-0102 EA 3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.09	1.73
26 05 29 00-0103 EA 3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.65	1.73
26 05 29 00-0104 EA 4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	14.75	1.73
<b>26 05 29 00-0105 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small> Note: Includes hex screw and nut.		
26 05 29 00-0106 EA 1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	4.96	1.03
26 05 29 00-0107 EA 3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	5.72	1.03
26 05 29 00-0108 EA 1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	5.93	1.03
26 05 29 00-0109 EA 1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	7.20	1.38
26 05 29 00-0110 EA 1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.79	1.38
26 05 29 00-0111 EA 2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.92	1.38
26 05 29 00-0112 EA 2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	11.77	1.73
26 05 29 00-0113 EA 3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.44	1.73
26 05 29 00-0114 EA 3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	17.22	1.73
26 05 29 00-0115 EA 4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	20.14	1.73
<b>26 05 29 00-0116 Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0117 Steel Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0116)</small>		
26 05 29 00-0118 EA Set Screw Beam Clamp, Steel Unistrut Channel Fitting .....	22.48	6.30
26 05 29 00-0119 EA "C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings .....	17.14	6.30
26 05 29 00-0120 EA "U" Bolt Beam Clamp, Steel Unistrut Channel Fitting .....	21.71	6.30
<b>26 05 29 00-0121 304 Stainless Steel Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0116)</small>		
26 05 29 00-0122 EA "U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting.....	28.40	6.30
<b>26 05 29 00-0123 Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0124 Steel Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0123)</small>		
26 05 29 00-0125 EA 1/2" Bolt Size, Steel, Square Washer For Unistrut Channel .....	2.81	
<b>26 05 29 00-0126 Stainless Steel Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0123)</small>		
26 05 29 00-0127 EA 1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel.....	2.86	
26 05 29 00-0128 EA 1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel.....	3.59	
<b>26 05 29 00-0129 Strut Braces, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
26 05 29 00-0130 EA 16" Diagonal Steel Bar Brace For Unistrut Channel .....	22.86	
<b>26 05 29 00-0131 Trolley Hangers, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
26 05 29 00-0132 EA Steel Trolley Track Hanger For Unistrut Channel .....	28.36	
<b>26 05 29 00-0133 Lock Nuts With Spring For Unistrut Channel</b> <small>(26 05 29 00-0037)</small> Note: Includes hex bolt.		
<b>26 05 29 00-0134 Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(26 05 29 00-0133)</small> Note: Includes hex bolt.		
26 05 29 00-0135 EA 1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	4.76	
26 05 29 00-0136 EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	5.22	
26 05 29 00-0137 EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	5.57	
26 05 29 00-0138 EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	7.45	
<b>26 05 29 00-0139 Stainless Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(26 05 29 00-0133)</small> Note: Includes hex bolt.		
26 05 29 00-0140 EA 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	8.56	
26 05 29 00-0141 EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	9.06	
26 05 29 00-0142 EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	12.47	
26 05 29 00-0143 EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	20.74	
<b>26 05 29 00-0144 Lock Nuts Without Spring For Unistrut Channel</b> <small>(26 05 29 00-0037)</small> Note: Includes hex bolt.		
<b>26 05 29 00-0145 Steel Lock Nuts Without Spring For Unistrut Channel</b> <small>(26 05 29 00-0144)</small> Note: Includes hex bolt.		
26 05 29 00-0146 EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	4.77	
26 05 29 00-0147 EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	5.29	
26 05 29 00-0148 EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	5.60	
26 05 29 00-0149 EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel.....	8.00	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 29 00-0150	Stainless Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0151	EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	6.37	
26 05 29 00-0152	EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	7.51	
26 05 29 00-0153	EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	8.11	
26 05 29 00-0154	EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	20.22	
26 05 29 00-0155	Mounting Assemblies <small>(26 05 29)</small>		
26 05 29 00-0156	Galvanized Steel Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0157	Galvanized Steel Back Plate <small>(26 05 29 00-0156)</small>		
26 05 29 00-0158	EA 1/4" x 4' x 4', Galvanized Steel Back Plate, Painted.....	297.05	41.31
26 05 29 00-0159	EA 3/8" x 14" x 16", Galvanized Steel Back Plate, Painted.....	73.11	13.77
26 05 29 00-0160	EA 3/16" x 30" x 48", Galvanized Steel Back Plate, Painted.....	185.15	34.43
26 05 29 00-0161	Aluminum Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0162	Aluminum Back Plate <small>(26 05 29 00-0161)</small>		
26 05 29 00-0163	EA 3/16" x 2' x 2' Aluminum Back Plate.....	164.01	51.64
26 05 29 00-0164	EA 3/16" x 4' x 4' Aluminum Back Plate.....	399.17	51.64
26 05 29 00-0165	Supports <small>(26 05 29)</small>		
26 05 29 00-0166	One Hole Steel Conduit Straps <small>(26 05 29 00-0165)</small>		
26 05 29 00-0167	EA 1/2", One Hole Steel Conduit Strap.....	2.51	
	For >500, Deduct	-0.69	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.46	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0168	EA 3/4", One Hole Steel Conduit Strap.....	2.55	
	For >500, Deduct	-0.70	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.47	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0169	EA 1", One Hole Steel Conduit Strap.....	2.72	
	For >500, Deduct	-0.71	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.48	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0170	EA 1-1/4", One Hole Steel Conduit Strap.....	2.85	
	For >500, Deduct	-0.73	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.49	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0171	EA 1-1/2", One Hole Steel Conduit Strap.....	2.93	
	For >500, Deduct	-0.74	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.50	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0172	EA 2", One Hole Steel Conduit Strap.....	3.45	
	For >500, Deduct	-0.79	
	For >50 To 100, Deduct	-0.14	
	For >100 To 250, Deduct	-0.28	
	For >250 To 500, Deduct	-0.54	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	
26 05 29 00-0173	EA 2-1/2", One Hole Steel Conduit Strap.....	3.98	
	For >500, Deduct	-0.84	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.57	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
	For Work In Restricted Working Space, Add	0.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0174 EA 3", One Hole Steel Conduit Strap ..... 4.16		
<i>For &gt;500, Deduct</i>	-0.86	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;250 To 500, Deduct</i>	-0.59	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0175 EA 3-1/2", One Hole Steel Conduit Strap ..... 5.03		
<i>For &gt;500, Deduct</i>	-0.95	
<i>For &gt;50 To 100, Deduct</i>	-0.18	
<i>For &gt;100 To 250, Deduct</i>	-0.36	
<i>For &gt;250 To 500, Deduct</i>	-0.65	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0176 EA 4", One Hole Steel Conduit Strap ..... 5.72		
<i>For &gt;500, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.40	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
<b>26 05 29 00-0177 One Hole Iron Conduit Straps (26 05 29 00-0185) ..... 2.60</b>		
26 05 29 00-0178 EA 1/2", One Hole Iron Conduit Strap ..... 2.60		
<i>For &gt;500, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-0.12	
<i>For &gt;100 To 250, Deduct</i>	-0.24	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0179 EA 3/4", One Hole Iron Conduit Strap ..... 2.68		
<i>For &gt;500, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-0.12	
<i>For &gt;100 To 250, Deduct</i>	-0.24	
<i>For &gt;250 To 500, Deduct</i>	-0.48	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0180 EA 1", One Hole Iron Conduit Strap ..... 2.83		
<i>For &gt;500, Deduct</i>	-0.73	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.25	
<i>For &gt;250 To 500, Deduct</i>	-0.49	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0181 EA 1-1/4", One Hole Iron Conduit Strap ..... 3.19		
<i>For &gt;500, Deduct</i>	-0.76	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.52	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0182 EA 1-1/2", One Hole Iron Conduit Strap ..... 3.34		
<i>For &gt;500, Deduct</i>	-0.78	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.28	
<i>For &gt;250 To 500, Deduct</i>	-0.53	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0183 EA 2", One Hole Iron Conduit Strap ..... 4.25		
<i>For &gt;500, Deduct</i>	-0.87	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;250 To 500, Deduct</i>	-0.60	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0184 EA 2-1/2", One Hole Iron Conduit Strap ..... 6.23		
<i>For &gt;500, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.74	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0185 EA 3", One Hole Iron Conduit Strap ..... 7.87		
<i>For &gt;500, Deduct</i>	-1.23	
<i>For &gt;50 To 100, Deduct</i>	-0.25	
<i>For &gt;100 To 250, Deduct</i>	-0.50	
<i>For &gt;250 To 500, Deduct</i>	-0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0186 EA 3-1/2", One Hole Iron Conduit Strap ..... 10.27		
<i>For &gt;500, Deduct</i>	-1.47	
<i>For &gt;50 To 100, Deduct</i>	-0.31	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-1.05	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
<i>For Work In Restricted Working Space, Add</i>	0.66	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0187	EA	4"	One Hole Iron Conduit Strap .....19.89		
			<i>For &gt;500, Deduct</i>	-2.43	
			<i>For &gt;50 To 100, Deduct</i>	-0.55	
			<i>For &gt;100 To 250, Deduct</i>	-1.11	
			<i>For &gt;250 To 500, Deduct</i>	-1.77	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
			<i>For Work In Restricted Working Space, Add</i>	0.66	
26 05 29 00-0188	EA	5"	One Hole Iron Conduit Strap .....25.06		
			<i>For &gt;500, Deduct</i>	-2.95	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100 To 250, Deduct</i>	-1.36	
			<i>For &gt;250 To 500, Deduct</i>	-2.16	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.65	
			<i>For Work In Restricted Working Space, Add</i>	0.66	
<b>26 05 29 00-0189</b>			<b>Two Hole Steel Conduit Straps (26 05 29 00-0165)</b>		
26 05 29 00-0190	EA	1/2"	Two Hole Steel Conduit Strap .....2.88		
			<i>For &gt;500, Deduct</i>	-0.78	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0191	EA	3/4"	Two Hole Steel Conduit Strap .....2.94		
			<i>For &gt;500, Deduct</i>	-0.79	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0192	EA	1"	Two Hole Steel Conduit Strap .....2.97		
			<i>For &gt;500, Deduct</i>	-0.79	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0193	EA	1-1/4"	Two Hole Steel Conduit Strap .....3.01		
			<i>For &gt;500, Deduct</i>	-0.80	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0194	EA	1-1/2"	Two Hole Steel Conduit Strap .....3.04		
			<i>For &gt;500, Deduct</i>	-0.80	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0195	EA	2"	Two Hole Steel Conduit Strap .....3.11		
			<i>For &gt;500, Deduct</i>	-0.81	
			<i>For &gt;50 To 100, Deduct</i>	-0.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.28	
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0196	EA	2-1/2"	Two Hole Steel Conduit Strap .....3.51		
			<i>For &gt;500, Deduct</i>	-0.85	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0197	EA	3"	Two Hole Steel Conduit Strap .....3.59		
			<i>For &gt;500, Deduct</i>	-0.86	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.58	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0198	EA	3-1/2"	Two Hole Steel Conduit Strap .....3.90		
			<i>For &gt;500, Deduct</i>	-0.89	
			<i>For &gt;50 To 100, Deduct</i>	-0.16	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.60	
			<i>For Work In Restricted Working Space, Add</i>	0.74	
26 05 29 00-0199	EA	4"	Two Hole Steel Conduit Strap .....4.12		
			<i>For &gt;500, Deduct</i>	-0.91	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
			<i>For &gt;100 To 250, Deduct</i>	-0.33	
			<i>For &gt;250 To 500, Deduct</i>	-0.62	
			<i>For Work In Restricted Working Space, Add</i>	0.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0200 EA 5", Two Hole Steel Conduit Strap .....	4.40	
<i>For &gt;500, Deduct</i>	-0.94	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.82	
<i>For &gt;100 To 250, Deduct</i>	-0.34	
<i>For &gt;250 To 500, Deduct</i>	-0.64	
<i>For Work In Restricted Working Space, Add</i>	0.74	
<b>26 05 29 00-0201 Clamp Back Spacers</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0202 EA 1/2" Conduit, Clamp Back Spacer.....	2.32	
<i>For &gt;500, Deduct</i>	-0.58	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.20	
<i>For &gt;250 To 500, Deduct</i>	-0.39	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0203 EA 3/4" Conduit, Clamp Back Spacer.....	2.52	
<i>For &gt;500, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-0.11	
<i>For &gt;100 To 250, Deduct</i>	-0.21	
<i>For &gt;250 To 500, Deduct</i>	-0.40	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0204 EA 1" Conduit, Clamp Back Spacer.....	2.71	
<i>For &gt;500, Deduct</i>	-0.62	
<i>For &gt;50 To 100, Deduct</i>	-0.11	
<i>For &gt;100 To 250, Deduct</i>	-0.22	
<i>For &gt;250 To 500, Deduct</i>	-0.42	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0205 EA 1-1/4" Conduit, Clamp Back Spacer .....	3.45	
<i>For &gt;500, Deduct</i>	-0.69	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.26	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0206 EA 1-1/2" Conduit, Clamp Back Spacer .....	4.04	
<i>For &gt;500, Deduct</i>	-0.75	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.29	
<i>For &gt;250 To 500, Deduct</i>	-0.52	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0207 EA 2" Conduit, Clamp Back Spacer.....	4.67	
<i>For &gt;500, Deduct</i>	-0.81	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;250 To 500, Deduct</i>	-0.57	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0208 EA 2-1/2" Conduit, Clamp Back Spacer .....	7.21	
<i>For &gt;500, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-0.22	
<i>For &gt;100 To 250, Deduct</i>	-0.45	
<i>For &gt;250 To 500, Deduct</i>	-0.76	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0209 EA 3" Conduit, Clamp Back Spacer.....	10.25	
<i>For &gt;500, Deduct</i>	-1.37	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-0.98	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0210 EA 3-1/2" Conduit, Clamp Back Spacer .....	13.20	
<i>For &gt;500, Deduct</i>	-1.66	
<i>For &gt;50 To 100, Deduct</i>	-0.37	
<i>For &gt;100 To 250, Deduct</i>	-0.75	
<i>For &gt;250 To 500, Deduct</i>	-1.21	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0211 EA 4" Conduit, Clamp Back Spacer.....	27.04	
<i>For &gt;500, Deduct</i>	-3.05	
<i>For &gt;50 To 100, Deduct</i>	-0.72	
<i>For &gt;100 To 250, Deduct</i>	-1.44	
<i>For &gt;250 To 500, Deduct</i>	-2.24	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	
26 05 29 00-0212 EA 5" Conduit, Clamp Back Spacer.....	50.41	
<i>For &gt;500, Deduct</i>	-5.39	
<i>For &gt;50 To 100, Deduct</i>	-1.30	
<i>For &gt;100 To 250, Deduct</i>	-2.61	
<i>For &gt;250 To 500, Deduct</i>	-4.00	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.53	
<i>For Work In Restricted Working Space, Add</i>	0.52	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 29 00-0213	<b>Conduit Clips</b> <small>(26 05 29 00-0165)</small>		
	Note: Push in or clip.		
26 05 29 00-0214	EA 1/2" Conduit Clip .....	2.77	
	For >500, Deduct	-0.72	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.48	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
26 05 29 00-0215	EA 3/4" Conduit Clip .....	2.77	
	For >500, Deduct	-0.72	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.48	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
26 05 29 00-0216	EA 1" Conduit Clip .....	2.75	
	For >500, Deduct	-0.72	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.48	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
26 05 29 00-0217	EA 1-1/4" Conduit Clip .....	2.86	
	For >500, Deduct	-0.73	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.49	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.65	
26 05 29 00-0218	<b>Bolt And Nut Conduit Clips</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0219	EA 3/4" Bolt And Nut Conduit Clip (Minerallac 1B) .....	3.49	
	For >500, Deduct	-0.90	
	For >50 To 100, Deduct	-0.16	
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.61	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
26 05 29 00-0220	EA 1" Bolt And Nut Conduit Clip (Minerallac 2B) .....	3.60	
	For >500, Deduct	-0.91	
	For >50 To 100, Deduct	-0.16	
	For >100 To 250, Deduct	-0.32	
	For >250 To 500, Deduct	-0.62	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
26 05 29 00-0221	EA 1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B) .....	3.84	
	For >500, Deduct	-0.97	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.65	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.83	
26 05 29 00-0222	EA 1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B) .....	3.90	
	For >500, Deduct	-0.98	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.66	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.83	
26 05 29 00-0223	EA 2" Bolt And Nut Conduit Clip (Minerallac 5B) .....	4.35	
	For >500, Deduct	-1.02	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.36	
	For >250 To 500, Deduct	-0.69	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.83	
26 05 29 00-0224	EA 2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B) .....	4.71	
	For >500, Deduct	-1.09	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.39	
	For >250 To 500, Deduct	-0.74	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.88	
26 05 29 00-0225	EA 3" Bolt And Nut Conduit Clip (Minerallac 7B) .....	5.10	
	For >500, Deduct	-1.13	
	For >50 To 100, Deduct	-0.21	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.77	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.88	
26 05 29 00-0226	EA 4" Bolt And Nut Conduit Clip (Minerallac 9B) .....	9.16	
	For >500, Deduct	-1.60	
	For >50 To 100, Deduct	-0.32	
	For >100 To 250, Deduct	-0.63	
	For >250 To 500, Deduct	-1.12	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.96	
26 05 29 00-0227	<b>Conduit Hanger From Flange, Wire Or Rod</b> <small>(26 05 29 00-0165)</small>		
	Note: Bat wing.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0228 EA 1/2", Conduit Hanger From Flange, Wire Or Rod .....2.01 <i>For &gt;500, Deduct</i> -0.53 <i>For &gt;50 To 100, Deduct</i> -0.09 <i>For &gt;100 To 250, Deduct</i> -0.18 <i>For &gt;250 To 500, Deduct</i> -0.36 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.51		
26 05 29 00-0229 EA 3/4", Conduit Hanger From Flange, Wire Or Rod .....2.04 <i>For &gt;500, Deduct</i> -0.53 <i>For &gt;50 To 100, Deduct</i> -0.09 <i>For &gt;100 To 250, Deduct</i> -0.18 <i>For &gt;250 To 500, Deduct</i> -0.36 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.51		
26 05 29 00-0230 EA 1", Conduit Hanger From Flange, Wire Or Rod .....2.13 <i>For &gt;500, Deduct</i> -0.54 <i>For &gt;50 To 100, Deduct</i> -0.09 <i>For &gt;100 To 250, Deduct</i> -0.19 <i>For &gt;250 To 500, Deduct</i> -0.37 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.51		
26 05 29 00-0231 EA 1-1/4", Conduit Hanger From Flange, Wire Or Rod .....2.34 <i>For &gt;500, Deduct</i> -0.56 <i>For &gt;50 To 100, Deduct</i> -0.10 <i>For &gt;100 To 250, Deduct</i> -0.20 <i>For &gt;250 To 500, Deduct</i> -0.38 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.51		
<b>26 05 29 00-0232 Beam Flange Clamps</b> <small>(26 05 29 00-0165)</small> Note: For threaded rod, nut not required.		
26 05 29 00-0233 EA 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24) .....2.92 <i>For &gt;500, Deduct</i> -0.64 <i>For &gt;50 To 100, Deduct</i> -0.12 <i>For &gt;100 To 250, Deduct</i> -0.23 <i>For &gt;250 To 500, Deduct</i> -0.43		
26 05 29 00-0234 EA 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58) .....2.87 <i>For &gt;500, Deduct</i> -0.63 <i>For &gt;50 To 100, Deduct</i> -0.11 <i>For &gt;100 To 250, Deduct</i> -0.23 <i>For &gt;250 To 500, Deduct</i> -0.43		
26 05 29 00-0235 EA 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912) .....3.20 <i>For &gt;500, Deduct</i> -0.66 <i>For &gt;50 To 100, Deduct</i> -0.12 <i>For &gt;100 To 250, Deduct</i> -0.25 <i>For &gt;250 To 500, Deduct</i> -0.46		
<b>26 05 29 00-0236 T-Bar Support Clips</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0237 EA 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95) .....4.90 <i>For &gt;500, Deduct</i> -1.18 <i>For &gt;50 To 100, Deduct</i> -0.21 <i>For &gt;100 To 250, Deduct</i> -0.42 <i>For &gt;250 To 500, Deduct</i> -0.80		
26 05 29 00-0238 EA 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS) .....4.64 <i>For &gt;500, Deduct</i> -1.15 <i>For &gt;50 To 100, Deduct</i> -0.20 <i>For &gt;100 To 250, Deduct</i> -0.40 <i>For &gt;250 To 500, Deduct</i> -0.78		
26 05 29 00-0239 EA 15/16" Grid Size, Twist On T-Bar Support Clip (Caddy 4G16) .....1.75 <i>For &gt;500, Deduct</i> -0.35 <i>For &gt;50 To 100, Deduct</i> -0.07 <i>For &gt;100 To 250, Deduct</i> -0.13 <i>For &gt;250 To 500, Deduct</i> -0.24		
26 05 29 00-0240 EA 24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512) .....14.23 <i>For &gt;500, Deduct</i> -1.70 <i>For &gt;50 To 100, Deduct</i> -0.39 <i>For &gt;100 To 250, Deduct</i> -0.78 <i>For &gt;250 To 500, Deduct</i> -1.24		
<b>26 05 29 00-0241 Switch And Outlet Box Type Supports</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0242 EA 1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS) .....3.57 <i>For &gt;500, Deduct</i> -0.63 <i>For &gt;50 To 100, Deduct</i> -0.12 <i>For &gt;100 To 250, Deduct</i> -0.25 <i>For &gt;250 To 500, Deduct</i> -0.44		
26 05 29 00-0243 EA 1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500) .....3.03 <i>For &gt;500, Deduct</i> -0.58 <i>For &gt;50 To 100, Deduct</i> -0.11 <i>For &gt;100 To 250, Deduct</i> -0.22 <i>For &gt;250 To 500, Deduct</i> -0.40		
26 05 29 00-0244 EA Flush, Riveted Switch And Outlet Box Support (Caddy MFO) .....3.49 <i>For &gt;500, Deduct</i> -0.62 <i>For &gt;50 To 100, Deduct</i> -0.12 <i>For &gt;100 To 250, Deduct</i> -0.24 <i>For &gt;250 To 500, Deduct</i> -0.43		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0245	EA		Snap On, Switch And Outlet Box Support (Caddy MSF) .....	2.25	
			<i>For &gt;500, Deduct</i>	-0.50	
			<i>For &gt;50 To 100, Deduct</i>	-0.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.18	
			<i>For &gt;250 To 500, Deduct</i>	-0.34	
26 05 29 00-0246	EA		1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI) .....	2.35	
			<i>For &gt;500, Deduct</i>	-0.51	
			<i>For &gt;50 To 100, Deduct</i>	-0.09	
			<i>For &gt;100 To 250, Deduct</i>	-0.19	
			<i>For &gt;250 To 500, Deduct</i>	-0.35	
<b>26 05 29 00-0247</b>			<b>Lighting Fixture Hanger</b> <small>(26 05 29 00-0165)</small>		
			Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA		Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515) .....	3.29	
			<i>For &gt;500, Deduct</i>	-0.88	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.59	
26 05 29 00-0249	PR		Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517) .....	11.32	
			<i>For &gt;500, Deduct</i>	-1.68	
			<i>For &gt;50 To 100, Deduct</i>	-0.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.70	
			<i>For &gt;250 To 500, Deduct</i>	-1.19	
26 05 29 00-0250	PR		Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520) .....	15.54	
			<i>For &gt;500, Deduct</i>	-2.11	
			<i>For &gt;50 To 100, Deduct</i>	-0.46	
			<i>For &gt;100 To 250, Deduct</i>	-0.92	
			<i>For &gt;250 To 500, Deduct</i>	-1.51	
<b>26 05 29 00-0251</b>			<b>Rigid Steel Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0252	EA		1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	3.01	
			<i>For &gt;500, Deduct</i>	-0.72	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For Work In Restricted Working Space, Add</i>	0.62	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.48	
26 05 29 00-0253	EA		3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	3.03	
			<i>For &gt;500, Deduct</i>	-0.72	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For Work In Restricted Working Space, Add</i>	0.62	
			<i>For &gt;100 To 250, Deduct</i>	-0.26	
			<i>For &gt;250 To 500, Deduct</i>	-0.49	
26 05 29 00-0254	EA		1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	3.10	
			<i>For &gt;500, Deduct</i>	-0.72	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For Work In Restricted Working Space, Add</i>	0.62	
			<i>For &gt;100 To 250, Deduct</i>	-0.26	
			<i>For &gt;250 To 500, Deduct</i>	-0.49	
26 05 29 00-0255	EA		1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	3.89	
			<i>For &gt;500, Deduct</i>	-0.94	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.33	
			<i>For &gt;250 To 500, Deduct</i>	-0.64	
26 05 29 00-0256	EA		1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	4.28	
			<i>For &gt;500, Deduct</i>	-0.98	
			<i>For &gt;50 To 100, Deduct</i>	-0.18	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.67	
26 05 29 00-0257	EA		2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	4.32	
			<i>For &gt;500, Deduct</i>	-0.98	
			<i>For &gt;50 To 100, Deduct</i>	-0.18	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.67	
26 05 29 00-0258	EA		2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.27	
			<i>For &gt;500, Deduct</i>	-1.22	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
26 05 29 00-0259	EA		3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.61	
			<i>For &gt;500, Deduct</i>	-1.25	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.45	
			<i>For &gt;250 To 500, Deduct</i>	-0.85	
26 05 29 00-0260	EA		3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.94	
			<i>For &gt;500, Deduct</i>	-1.28	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0261 EA 4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	6.05	
<i>For &gt;500, Deduct</i>	-1.29	
<i>For &gt;50 To 100, Deduct</i>	-0.24	
<i>For Work In Restricted Working Space, Add</i>	1.03	
<i>For &gt;100 To 250, Deduct</i>	-0.47	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<b>26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0263 EA 1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	3.26	
<i>For &gt;500, Deduct</i>	-0.74	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For Work In Restricted Working Space, Add</i>	0.62	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.50	
26 05 29 00-0264 EA 3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	3.23	
<i>For &gt;500, Deduct</i>	-0.74	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For Work In Restricted Working Space, Add</i>	0.62	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.50	
26 05 29 00-0265 EA 1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	3.19	
<i>For &gt;500, Deduct</i>	-0.73	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For Work In Restricted Working Space, Add</i>	0.62	
<i>For &gt;100 To 250, Deduct</i>	-0.26	
<i>For &gt;250 To 500, Deduct</i>	-0.50	
26 05 29 00-0266 EA 1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.20	
<i>For &gt;500, Deduct</i>	-0.97	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For Work In Restricted Working Space, Add</i>	0.83	
<i>For &gt;100 To 250, Deduct</i>	-0.35	
<i>For &gt;250 To 500, Deduct</i>	-0.66	
26 05 29 00-0267 EA 1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.86	
<i>For &gt;500, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For Work In Restricted Working Space, Add</i>	0.83	
<i>For &gt;100 To 250, Deduct</i>	-0.38	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
26 05 29 00-0268 EA 2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	4.90	
<i>For &gt;500, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For Work In Restricted Working Space, Add</i>	0.83	
<i>For &gt;100 To 250, Deduct</i>	-0.38	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<b>26 05 29 00-0269 "J" Type Conduit Hangers</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0270 EA 1/2", "J" Type Conduit Hanger (Unistrut J1205).....	13.68	
<i>For &gt;500, Deduct</i>	-2.33	
<i>For &gt;50 To 100, Deduct</i>	-0.46	
<i>For Work In Restricted Working Space, Add</i>	1.45	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.63	
26 05 29 00-0271 EA 3/4", "J" Type Conduit Hanger (Unistrut J1207).....	13.83	
<i>For &gt;500, Deduct</i>	-2.35	
<i>For &gt;50 To 100, Deduct</i>	-0.47	
<i>For Work In Restricted Working Space, Add</i>	1.45	
<i>For &gt;100 To 250, Deduct</i>	-0.93	
<i>For &gt;250 To 500, Deduct</i>	-1.64	
26 05 29 00-0272 EA 1", "J" Type Conduit Hanger (Unistrut J1210).....	14.65	
<i>For &gt;500, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-0.50	
<i>For Work In Restricted Working Space, Add</i>	1.65	
<i>For &gt;100 To 250, Deduct</i>	-1.01	
<i>For &gt;250 To 500, Deduct</i>	-1.79	
26 05 29 00-0273 EA 1-1/4", "J" Type Conduit Hanger (Unistrut J1212).....	14.82	
<i>For &gt;500, Deduct</i>	-2.58	
<i>For &gt;50 To 100, Deduct</i>	-0.51	
<i>For Work In Restricted Working Space, Add</i>	1.65	
<i>For &gt;100 To 250, Deduct</i>	-1.02	
<i>For &gt;250 To 500, Deduct</i>	-1.80	
26 05 29 00-0274 EA 1-1/2", "J" Type Conduit Hanger (Unistrut J1215).....	15.63	
<i>For &gt;500, Deduct</i>	-2.80	
<i>For &gt;50 To 100, Deduct</i>	-0.55	
<i>For Work In Restricted Working Space, Add</i>	1.86	
<i>For &gt;100 To 250, Deduct</i>	-1.09	
<i>For &gt;250 To 500, Deduct</i>	-1.95	
26 05 29 00-0275 EA 2", "J" Type Conduit Hanger (Unistrut J1220).....	16.26	
<i>For &gt;500, Deduct</i>	-2.87	
<i>For &gt;50 To 100, Deduct</i>	-0.56	
<i>For Work In Restricted Working Space, Add</i>	1.86	
<i>For &gt;100 To 250, Deduct</i>	-1.12	
<i>For &gt;250 To 500, Deduct</i>	-1.99	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0276	EA 2-1/2", "J" Type Conduit Hanger (Unistrut J1225).....	25.94	
	For >500, Deduct	-3.97	
	For >50 To 100, Deduct	-0.82	
	For Work In Restricted Working Space, Add	2.07	
	For >100 To 250, Deduct	-1.64	
	For >250 To 500, Deduct	-2.81	
26 05 29 00-0277	EA 3", "J" Type Conduit Hanger (Unistrut J1230).....	27.57	
	For >500, Deduct	-4.27	
	For >50 To 100, Deduct	-0.88	
	For Work In Restricted Working Space, Add	2.27	
	For >100 To 250, Deduct	-1.76	
	For >250 To 500, Deduct	-3.01	
26 05 29 00-0278	EA 3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	29.68	
	For >500, Deduct	-4.62	
	For >50 To 100, Deduct	-0.95	
	For Work In Restricted Working Space, Add	2.48	
	For >100 To 250, Deduct	-1.90	
	For >250 To 500, Deduct	-3.26	
26 05 29 00-0279	EA 4", "J" Type Conduit Hanger (Unistrut J1240).....	39.43	
	For >500, Deduct	-5.60	
	For >50 To 100, Deduct	-1.19	
	For Work In Restricted Working Space, Add	2.48	
	For >100 To 250, Deduct	-2.38	
	For >250 To 500, Deduct	-3.99	
26 05 29 00-0280	EA 5", "J" Type Conduit Hanger (Unistrut J1250).....	43.32	
	For >500, Deduct	-6.12	
	For >50 To 100, Deduct	-1.31	
	For Work In Restricted Working Space, Add	2.69	
	For >100 To 250, Deduct	-2.61	
	For >250 To 500, Deduct	-4.37	
26 05 29 00-0281	EA 6", "J" Type Conduit Hanger (Unistrut J1260).....	61.05	
	For >500, Deduct	-8.17	
	For >50 To 100, Deduct	-1.78	
	For Work In Restricted Working Space, Add	3.10	
	For >100 To 250, Deduct	-3.57	
	For >250 To 500, Deduct	-5.87	
<b>26 05 29 00-0282</b>	<b>Between Studs Box Brackets</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0283	EA 16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A) .....	4.94	
	For >500, Deduct	-0.91	
	For >50 To 100, Deduct	-0.18	
	For Work In Restricted Working Space, Add	0.62	
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.63	
26 05 29 00-0284	EA 24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A) .....	5.93	
	For >500, Deduct	-1.01	
	For >50 To 100, Deduct	-0.20	
	For Work In Restricted Working Space, Add	0.62	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.70	
<b>26 05 29 00-0285</b>	<b>Hangers And Brackets</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0286	EA Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI) .....	1.75	
	For >500, Deduct	-0.45	
	For >50 To 100, Deduct	-0.08	
	For >100 To 250, Deduct	-0.16	
	For >250 To 500, Deduct	-0.30	
26 05 29 00-0287	EA Angle Bracket Only With 1/4" Hole (Caddy AB) .....	1.69	
	For >500, Deduct	-0.44	
	For >50 To 100, Deduct	-0.08	
	For >100 To 250, Deduct	-0.15	
	For >250 To 500, Deduct	-0.30	
26 05 29 00-0288	EA Offset Bracket Only With 1/4" Hole (Caddy AO) .....	1.69	
	For >500, Deduct	-0.44	
	For >50 To 100, Deduct	-0.08	
	For >100 To 250, Deduct	-0.15	
	For >250 To 500, Deduct	-0.30	
26 05 29 00-0289	EA Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB).....	2.29	
	For >500, Deduct	-0.50	
	For >50 To 100, Deduct	-0.09	
	For >100 To 250, Deduct	-0.18	
	For >250 To 500, Deduct	-0.34	
26 05 29 00-0290	EA Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB).....	2.30	
	For >500, Deduct	-0.50	
	For >50 To 100, Deduct	-0.09	
	For >100 To 250, Deduct	-0.18	
	For >250 To 500, Deduct	-0.34	
26 05 29 00-0291	EA Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB).....	2.23	
	For >500, Deduct	-0.50	
	For >50 To 100, Deduct	-0.09	
	For >100 To 250, Deduct	-0.18	
	For >250 To 500, Deduct	-0.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0292 EA Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO).....	2.29	
<i>For &gt;500, Deduct</i>	-0.50	
<i>For &gt;50 To 100, Deduct</i>	-0.09	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
26 05 29 00-0293 EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO).....	2.30	
<i>For &gt;500, Deduct</i>	-0.50	
<i>For &gt;50 To 100, Deduct</i>	-0.09	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
<b>26 05 29 00-0294 Clips And Accessories</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0295 EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR) .....	1.19	
<i>For &gt;500, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.05	
<i>For &gt;100 To 250, Deduct</i>	-0.10	
<i>For &gt;250 To 500, Deduct</i>	-0.20	
26 05 29 00-0296 EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12) .....	1.21	
<i>For &gt;500, Deduct</i>	-0.29	
<i>For &gt;50 To 100, Deduct</i>	-0.05	
<i>For &gt;100 To 250, Deduct</i>	-0.10	
<i>For &gt;250 To 500, Deduct</i>	-0.20	
26 05 29 00-0297 EA 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20).....	1.30	
<i>For &gt;500, Deduct</i>	-0.30	
<i>For &gt;50 To 100, Deduct</i>	-0.05	
<i>For &gt;100 To 250, Deduct</i>	-0.11	
<i>For &gt;250 To 500, Deduct</i>	-0.21	
26 05 29 00-0298 EA 2" Diameter Center, Bridle Ring (Caddy 2BR32) .....	1.49	
<i>For &gt;500, Deduct</i>	-0.32	
<i>For &gt;50 To 100, Deduct</i>	-0.06	
<i>For &gt;100 To 250, Deduct</i>	-0.12	
<i>For &gt;250 To 500, Deduct</i>	-0.22	
<b>26 05 29 00-0299 Wire Ties</b> <small>(26 05 29 00-0165)</small>		
Note: Per hundred (C).		
26 05 29 00-0300 C 3" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	10.03	
<i>For UV Black, Add</i>	0.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 29 00-0301 C 4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	10.14	
<i>For UV Black, Add</i>	0.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 29 00-0302 C 4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	10.22	
<i>For UV Black, Add</i>	0.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 29 00-0303 C 5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	10.25	
<i>For UV Black, Add</i>	0.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 29 00-0304 C 6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	10.60	
<i>For UV Black, Add</i>	0.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.25	
26 05 29 00-0305 C 8" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	13.35	
<i>For UV Black, Add</i>	0.83	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.35	
26 05 29 00-0306 C 4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	13.09	
<i>For UV Black, Add</i>	0.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 29 00-0307 C 6" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	13.45	
<i>For UV Black, Add</i>	0.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.25	
26 05 29 00-0308 C 8" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	13.82	
<i>For UV Black, Add</i>	0.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.35	
26 05 29 00-0309 C 10" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	22.26	
<i>For UV Black, Add</i>	2.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54	
26 05 29 00-0310 C 11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	23.51	
<i>For UV Black, Add</i>	2.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54	
26 05 29 00-0311 C 7" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	14.70	
<i>For UV Black, Add</i>	1.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.35	
26 05 29 00-0312 C 8" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	13.59	
<i>For UV Black, Add</i>	0.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.35	
26 05 29 00-0313 C 11" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	22.60	
<i>For UV Black, Add</i>	2.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54	
26 05 29 00-0314 C 14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	26.37	
<i>For UV Black, Add</i>	2.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 29 00-0315 C 8" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	26.50	
<i>For UV Black, Add</i>	2.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.35	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0316	C		11" Length, 120 LB Tensile Strength, Nylon Cable Ties .....	29.12	
			<i>For UV Black, Add</i> .....	3.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.54	
26 05 29 00-0317	C		15" Length, 120 LB Tensile Strength, Nylon Cable Ties .....	36.15	
			<i>For UV Black, Add</i> .....	4.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.69	
26 05 29 00-0318	C		17" Length, 120 LB Tensile Strength, Nylon Cable Ties .....	54.10	
			<i>For UV Black, Add</i> .....	6.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.87	
26 05 29 00-0319	C		17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties .....	52.20	
			<i>For UV Black, Add</i> .....	6.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.87	
26 05 29 00-0320	C		21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties .....	64.80	
			<i>For UV Black, Add</i> .....	8.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.01	
26 05 29 00-0321	C		30" Length, 175 LB Tensile Strength, Nylon Cable Ties .....	75.80	
			<i>For UV Black, Add</i> .....	9.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.16	
26 05 29 00-0322	C		46" Length, 175 LB Tensile Strength, Nylon Cable Ties .....	106.19	
			<i>For UV Black, Add</i> .....	14.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.40	
26 05 29 00-0323	C		3/4" x 3/4" Self Adhesive Tie Mounts .....	22.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.47	
26 05 29 00-0324	C		1.1" x 1.1" Tie Mounts With Screw .....	45.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	12.94	
26 05 29 00-0325	EA		6" Length x 1/2" Width, Velcro Grip Cable Tie .....	1.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	0.10	
26 05 29 00-0326	EA		8" Length x 1/2" Width, Velcro Grip Cable Tie .....	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	0.09	
26 05 29 00-0327	EA		12" Length x 1/2" Width, Velcro Grip Cable Tie .....	1.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	0.09	
26 05 29 00-0328	EA		15" Length x 3/4" Width, Velcro Grip Cable Tie .....	2.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	0.09	
26 05 29 00-0329	EA		180" Length x 3/4" Width, Velcro Grip Cable Tie Roll .....	53.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	0.65	
26 05 29 00-0330			<b>Fastening Devices For Wireway And Conduit</b> <small>(26 05 29)</small>		
			Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.		
26 05 29 00-0331			<b>Toggle Bolts</b> <small>(26 05 29 00-0330)</small>		
			Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0332	EA		1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt .....	5.34	
			<i>For &gt;250 To 500, Deduct</i> .....	-1.79	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.51	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.02	
			<i>For &gt;500, Deduct</i> .....	-2.55	
26 05 29 00-0333	EA		1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt .....	5.49	
			<i>For &gt;250 To 500, Deduct</i> .....	-1.83	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.53	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.05	
			<i>For &gt;500, Deduct</i> .....	-2.62	
26 05 29 00-0334	EA		3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt .....	5.78	
			<i>For &gt;250 To 500, Deduct</i> .....	-1.89	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.54	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.08	
			<i>For &gt;500, Deduct</i> .....	-2.69	
26 05 29 00-0335	EA		3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt .....	5.93	
			<i>For &gt;250 To 500, Deduct</i> .....	-1.94	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.55	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.11	
			<i>For &gt;500, Deduct</i> .....	-2.76	
26 05 29 00-0336	EA		1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt .....	6.06	
			<i>For &gt;250 To 500, Deduct</i> .....	-1.98	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.57	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.13	
			<i>For &gt;500, Deduct</i> .....	-2.82	
26 05 29 00-0337	EA		5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt .....	6.83	
			<i>For &gt;250 To 500, Deduct</i> .....	-2.07	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.60	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.19	
			<i>For &gt;500, Deduct</i> .....	-2.95	
26 05 29 00-0338	EA		3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt .....	7.10	
			<i>For &gt;250 To 500, Deduct</i> .....	-2.12	
			<i>For &gt;50 To 100, Deduct</i> .....	-0.61	
			<i>For &gt;100 To 250, Deduct</i> .....	-1.22	
			<i>For &gt;500, Deduct</i> .....	-3.03	
26 05 29 00-0339			<b>Machine Screws</b> <small>(26 05 29 00-0330)</small>		
			Note: Includes drilling in concrete, concrete block, wood or steel.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0340 EA #8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	1.57	
<i>For &gt;250 To 500, Deduct</i>	-0.54	
<i>For &gt;50 To 100, Deduct</i>	-0.15	
<i>For &gt;100 To 250, Deduct</i>	-0.31	
<i>For &gt;500, Deduct</i>	-0.77	
26 05 29 00-0341 EA #10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	1.60	
<i>For &gt;250 To 500, Deduct</i>	-0.54	
<i>For &gt;50 To 100, Deduct</i>	-0.15	
<i>For &gt;100 To 250, Deduct</i>	-0.31	
<i>For &gt;500, Deduct</i>	-0.77	
26 05 29 00-0342 EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw .....	2.01	
<i>For &gt;250 To 500, Deduct</i>	-0.68	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.39	
<i>For &gt;500, Deduct</i>	-0.97	
26 05 29 00-0343 EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw .....	2.10	
<i>For &gt;250 To 500, Deduct</i>	-0.69	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.39	
<i>For &gt;500, Deduct</i>	-0.98	
26 05 29 00-0344 EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw .....	2.58	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;50 To 100, Deduct</i>	-0.24	
<i>For &gt;100 To 250, Deduct</i>	-0.47	
<i>For &gt;500, Deduct</i>	-1.17	
<b>26 05 29 00-0345 Hex Lag Bolts With Lag Shield Expansion Anchors</b> <small>(26 05 29 00-0330)</small>		
<i>Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.</i>		
26 05 29 00-0346 EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor .....	2.56	
<i>For &gt;250 To 500, Deduct</i>	-0.72	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;500, Deduct</i>	-1.02	
26 05 29 00-0347 EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor .....	2.53	
<i>For &gt;250 To 500, Deduct</i>	-0.72	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;500, Deduct</i>	-1.02	
26 05 29 00-0348 EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor .....	3.56	
<i>For &gt;250 To 500, Deduct</i>	-0.90	
<i>For &gt;50 To 100, Deduct</i>	-0.26	
<i>For &gt;100 To 250, Deduct</i>	-0.52	
<i>For &gt;500, Deduct</i>	-1.27	
26 05 29 00-0349 EA 1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor .....	4.53	
<i>For &gt;250 To 500, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-0.31	
<i>For &gt;100 To 250, Deduct</i>	-0.63	
<i>For &gt;500, Deduct</i>	-1.52	
<b>26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts</b> <small>(26 05 29 00-0330)</small>		
<i>Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.</i>		
26 05 29 00-0351 EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	1.90	
<i>For &gt;250 To 500, Deduct</i>	-0.56	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;500, Deduct</i>	-0.80	
26 05 29 00-0352 EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	1.93	
<i>For &gt;250 To 500, Deduct</i>	-0.56	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;500, Deduct</i>	-0.80	
26 05 29 00-0353 EA 3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	2.30	
<i>For &gt;250 To 500, Deduct</i>	-0.64	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.37	
<i>For &gt;500, Deduct</i>	-0.91	
<b>26 05 29 00-0354 Hollow Wall Screw Anchors</b> <small>(26 05 29 00-0330)</small>		
26 05 29 00-0355 EA 6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.13	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.19	
<i>For &gt;500, Deduct</i>	-0.48	
26 05 29 00-0356 EA 6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.16	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.20	
<i>For &gt;500, Deduct</i>	-0.48	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0357	EA		6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.10	
			<i>For &gt;100 To 250, Deduct</i>	-0.20	
			<i>For &gt;500, Deduct</i>	-0.49	
26 05 29 00-0358	EA		10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.54	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;500, Deduct</i>	-0.58	
26 05 29 00-0359	EA		10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.61	
			<i>For &gt;250 To 500, Deduct</i>	-0.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;500, Deduct</i>	-0.59	
26 05 29 00-0360	EA		10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.63	
			<i>For &gt;250 To 500, Deduct</i>	-0.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;500, Deduct</i>	-0.59	
26 05 29 00-0361	EA		1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;500, Deduct</i>	-0.59	
26 05 29 00-0362	EA		1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.75	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;500, Deduct</i>	-0.60	
26 05 29 00-0363	EA		1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor .....	1.79	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;500, Deduct</i>	-0.61	
26 05 29 00-0364			<b>Lead Screw Anchors</b> <small>(26 05 29 00-0330)</small>		
			Note: Includes screw.		
26 05 29 00-0365	EA		#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw .....	2.63	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;50 To 100, Deduct</i>	-0.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.48	
			<i>For &gt;500, Deduct</i>	-1.20	
26 05 29 00-0366	EA		#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	3.12	
			<i>For &gt;250 To 500, Deduct</i>	-0.98	
			<i>For &gt;50 To 100, Deduct</i>	-0.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.56	
			<i>For &gt;500, Deduct</i>	-1.40	
26 05 29 00-0367	EA		#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	4.21	
			<i>For &gt;250 To 500, Deduct</i>	-1.26	
			<i>For &gt;50 To 100, Deduct</i>	-0.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.73	
			<i>For &gt;500, Deduct</i>	-1.80	
26 05 29 00-0368			<b>Acoustical T-Bar Clips</b> <small>(26 05 29 00-0330)</small>		
			Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0369	EA		1/2" Conduit, Push-In Acoustical T-Bar Clip.....	4.40	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;50 To 100, Deduct</i>	-0.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.66	
			<i>For &gt;500, Deduct</i>	-1.61	
26 05 29 00-0370	EA		3/4" Conduit, Push-In Acoustical T-Bar Clip.....	4.62	
			<i>For &gt;250 To 500, Deduct</i>	-1.20	
			<i>For &gt;50 To 100, Deduct</i>	-0.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.69	
			<i>For &gt;500, Deduct</i>	-1.70	
26 05 29 00-0371	EA		1" Conduit, Push-In Acoustical T-Bar Clip.....	5.03	
			<i>For &gt;250 To 500, Deduct</i>	-1.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;500, Deduct</i>	-1.81	
26 05 29 00-0372			<b>Threaded Rod, Accessories And Attachments</b> <small>(26 05 29)</small>		
26 05 29 00-0373			<b>Threaded Rod And Rod Accessories</b> <small>(26 05 29 00-0372)</small>		
26 05 29 00-0374			<b>Carbon Steel Threaded Rod</b> <small>(26 05 29 00-0373)</small>		
			Note: Includes plain finish.		
26 05 29 00-0375	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	2.15	0.43
			<i>For Galvanized, Add</i>	0.52	
			<i>For Zinc Coated, Add</i>	0.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0376 LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	2.96 0.82 0.58	0.46
26 05 29 00-0377 LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	4.13 1.27 0.91	0.47
26 05 29 00-0378 LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	6.76 2.31 1.65	0.49
26 05 29 00-0379 LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	7.36 2.54 1.81	0.50
26 05 29 00-0380 LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	10.07 3.57 2.54	0.57
26 05 29 00-0381 LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod ..... <i>For Galvanized, Add</i> <i>For Zinc Coated, Add</i>	12.53 4.50 3.21	0.64
 <b>26 05 29 00-0382 Threaded Rod Couplings</b> <small>(26 05 29 00-0373)</small>		
26 05 29 00-0383 EA 3/8" Diameter, Threaded Rod Coupling Nut .....	5.48	
26 05 29 00-0384 EA 1/2" Diameter, Threaded Rod Coupling Nut .....	6.21	
26 05 29 00-0385 EA 5/8" Diameter, Threaded Rod Coupling Nut .....	7.72	
26 05 29 00-0386 EA 3/4" Diameter, Threaded Rod Coupling Nut .....	9.36	
26 05 29 00-0387 EA 7/8" Diameter, Threaded Rod Coupling Nut .....	13.55	
26 05 29 00-0388 EA 1" Diameter, Threaded Rod Coupling Nut .....	16.06	
26 05 29 00-0389 EA 1-1/8" Diameter, Threaded Rod Coupling Nut .....	30.25	
 <b>26 05 29 00-0390 Flat Washers</b> <small>(26 05 29 00-0373)</small>		
26 05 29 00-0391 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	0.47 0.02	0.17
26 05 29 00-0392 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	0.60 0.04	0.17
26 05 29 00-0393 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	0.78 0.08	0.17
26 05 29 00-0394 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	0.95 0.12	0.34
26 05 29 00-0395 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	1.06 0.14	0.34
26 05 29 00-0396 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	1.25 0.17	0.34
26 05 29 00-0397 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer ..... <i>For Galvanized, Add</i>	1.41 0.19	0.34
 <b>26 05 29 00-0398 Malleable Iron Eye Sockets</b> <small>(26 05 29 00-0373)</small>		
Note: Type 16.		
26 05 29 00-0399 EA 3/8" Rod Size, Malleable Iron Eye Socket .....	7.31	
26 05 29 00-0400 EA 1/2" Rod Size, Malleable Iron Eye Socket .....	8.80	
26 05 29 00-0401 EA 5/8" Rod Size, Malleable Iron Eye Socket .....	15.67	
26 05 29 00-0402 EA 3/4" Rod Size, Malleable Iron Eye Socket .....	22.53	
26 05 29 00-0403 EA 7/8" Rod Size, Malleable Iron Eye Socket .....	23.96	
 <b>26 05 29 00-0404 Hex Nuts</b> <small>(26 05 29 00-0373)</small>		
26 05 29 00-0405 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	0.45 0.02	0.17
26 05 29 00-0406 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	0.57 0.04	0.17
26 05 29 00-0407 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	0.78 0.08	0.17
26 05 29 00-0408 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	0.92 0.11	0.34
26 05 29 00-0409 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	1.32 0.21	0.34
26 05 29 00-0410 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	1.69 0.28	0.34
26 05 29 00-0411 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut ..... <i>For Galvanized, Add</i>	2.76 0.53	0.34
 <b>26 05 29 00-0412 Forged Steel Turnbuckles</b> <small>(26 05 29 00-0373)</small>		
Note: Type 13.		
26 05 29 00-0413 EA 3/8" Thread Diameter, Forged Steel Turnbuckle Body .....	17.69	
26 05 29 00-0414 EA 1/2" Thread Diameter, Forged Steel Turnbuckle Body .....	22.01	
26 05 29 00-0415 EA 5/8" Thread Diameter, Forged Steel Turnbuckle Body .....	29.74	
26 05 29 00-0416 EA 3/4" Thread Diameter, Forged Steel Turnbuckle Body .....	36.95	
26 05 29 00-0417 EA 7/8" Thread Diameter, Forged Steel Turnbuckle Body .....	93.14	
26 05 29 00-0418 EA 1" Thread Diameter, Forged Steel Turnbuckle Body .....	60.93	
26 05 29 00-0419 EA 1-1/4" Thread Diameter, Forged Steel Turnbuckle Body .....	124.33	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0420			<b>Attachments</b> <small>(26 05 29 00-0372)</small>		
26 05 29 00-0421			<b>Welded Beam Attachments</b> <small>(26 05 29 00-0420)</small>		
			Note: Type 22.		
26 05 29 00-0422	EA		3/8" Rod Size, Welded Beam Attachment.....	32.29	6.89
26 05 29 00-0423	EA		1/2" Rod Size, Welded Beam Attachment.....	34.47	7.23
26 05 29 00-0424	EA		5/8" Rod Size, Welded Beam Attachment.....	36.71	7.64
26 05 29 00-0425	EA		3/4" Rod Size, Welded Beam Attachment.....	47.22	8.12
26 05 29 00-0426	EA		7/8" Rod Size, Welded Beam Attachment.....	56.91	8.60
26 05 29 00-0427	EA		1" Rod Size, Welded Beam Attachment.....	80.26	9.85
26 05 29 00-0428	EA		1-1/8" Rod Size, Welded Beam Attachment.....	114.48	10.33
26 05 29 00-0429			<b>C-Clamp Style Beam Clamps</b> <small>(26 05 29 00-0420)</small>		
			Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA		3/8" Rod Size, C-Clamp Style Beam Clamp.....	10.89	5.17
26 05 29 00-0431	EA		1/2" Rod Size, C-Clamp Style Beam Clamp.....	13.12	5.52
26 05 29 00-0432	EA		5/8" Rod Size, C-Clamp Style Beam Clamp.....	14.96	5.92
26 05 29 00-0433	EA		3/4" Rod Size, C-Clamp Style Beam Clamp.....	19.47	6.37
26 05 29 00-0434	EA		7/8" Rod Size, C-Clamp Style Beam Clamp.....	28.69	6.90
26 05 29 00-0435			<b>Bottom Mount I-Beam Clamps</b> <small>(26 05 29 00-0420)</small>		
			Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA		3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	31.39	6.90
26 05 29 00-0437	EA		1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	46.63	7.53
26 05 29 00-0438	EA		5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	67.07	8.28
26 05 29 00-0439	EA		3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	80.43	9.20
26 05 29 00-0440	EA		1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	196.99	10.35
26 05 29 00-0441			<b>Steel U-Bolts</b> <small>(26 05 29 00-0420)</small>		
			Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA		1/2" Pipe Size, Zinc Plated Steel, U-Bolt.....	8.89	4.14
26 05 29 00-0443	EA		3/4" Pipe Size, Zinc Plated Steel, U-Bolt.....	9.67	4.36
26 05 29 00-0444	EA		1" Pipe Size, Zinc Plated Steel, U-Bolt.....	10.43	4.60
26 05 29 00-0445	EA		1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt.....	11.93	4.87
26 05 29 00-0446	EA		1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt.....	12.28	5.17
26 05 29 00-0447	EA		2" Pipe Size, Zinc Plated Steel, U-Bolt.....	13.15	5.52
26 05 29 00-0448	EA		2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt.....	19.33	5.92
26 05 29 00-0449	EA		3" Pipe Size, Zinc Plated Steel, U-Bolt.....	21.34	6.37
26 05 29 00-0450	EA		4" Pipe Size, Zinc Plated Steel, U-Bolt.....	25.93	6.90
26 05 29 00-0451			<b>Stainless Steel Threaded Rod</b> <small>(26 05 29 00-0372)</small>		
26 05 29 00-0452	LF		1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	1.82	0.34
			<i>For 316 Stainless Steel, Add</i>	0.46	
26 05 29 00-0453	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	2.70	0.38
			<i>For 316 Stainless Steel, Add</i>	0.79	
26 05 29 00-0454	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	3.44	0.43
			<i>For 316 Stainless Steel, Add</i>	1.04	
26 05 29 00-0455	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	4.73	0.44
			<i>For 316 Stainless Steel, Add</i>	1.56	
26 05 29 00-0456	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	5.65	0.46
			<i>For 316 Stainless Steel, Add</i>	1.92	
26 05 29 00-0457	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	8.39	0.47
			<i>For 316 Stainless Steel, Add</i>	3.02	
26 05 29 00-0458	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	11.69	0.47
			<i>For 316 Stainless Steel, Add</i>	4.35	
26 05 29 00-0459	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	16.03	0.49
			<i>For 316 Stainless Steel, Add</i>	6.10	
26 05 29 00-0460	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.58	0.57
			<i>For 316 Stainless Steel, Add</i>	7.87	
26 05 29 00-0461	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	43.39	0.69
			<i>For 316 Stainless Steel, Add</i>	16.99	
26 05 29 00-0462			<b>Polyvinyl Chloride (PVC) Coated Supports</b> <small>(26 05 29)</small>		
			Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463			<b>Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0462)</small>		
26 05 29 00-0464			<b>Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0463)</small>		
26 05 29 00-0465	EA		1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	37.28	13.77
26 05 29 00-0466	EA		3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	40.51	15.01
26 05 29 00-0467	EA		1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	43.20	16.52
26 05 29 00-0468	EA		1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	51.88	18.39
26 05 29 00-0469	EA		1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	59.97	20.66
26 05 29 00-0470	EA		2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	71.82	22.72
26 05 29 00-0471	EA		2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	78.54	24.79
26 05 29 00-0472	EA		3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	86.53	26.85





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0473 EA 3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	91.35	28.92
26 05 29 00-0474 EA 4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp.....	98.75	30.98
<b>26 05 29 00-0475 Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)</b>		
26 05 29 00-0476 EA 1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	40.04	13.77
26 05 29 00-0477 EA 3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	42.39	15.01
26 05 29 00-0478 EA 1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	48.81	16.52
26 05 29 00-0479 EA 1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	53.88	18.39
26 05 29 00-0480 EA 1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	60.74	20.66
26 05 29 00-0481 EA 2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	70.50	22.72
26 05 29 00-0482 EA 2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	81.04	24.79
26 05 29 00-0483 EA 3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	89.84	26.85
26 05 29 00-0484 EA 3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	95.52	28.92
26 05 29 00-0485 EA 4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	99.30	30.98
<b>26 05 29 00-0486 Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)</b>		
26 05 29 00-0487 EA 1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	37.79	13.64
26 05 29 00-0488 EA 3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	40.63	14.87
26 05 29 00-0489 EA 1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	46.02	16.52
26 05 29 00-0490 EA 1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	54.04	18.18
26 05 29 00-0491 EA 1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	70.54	20.66
26 05 29 00-0492 EA 2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	77.34	22.72
<b>26 05 29 00-0493 Polyvinyl Chloride (PVC) Coated Conduit Straps (26 05 29 00-0462)</b>		
<b>26 05 29 00-0494 One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)</b>		
26 05 29 00-0495 EA 1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	4.63	0.41
26 05 29 00-0496 EA 3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	5.03	0.41
26 05 29 00-0497 EA 1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	7.39	0.41
26 05 29 00-0498 EA 1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	8.99	0.41
26 05 29 00-0499 EA 1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	11.84	0.41
26 05 29 00-0500 EA 2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	17.78	0.41
26 05 29 00-0501 EA 2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	23.69	0.41
26 05 29 00-0502 EA 3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	31.74	0.41
26 05 29 00-0503 EA 3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	56.17	0.41
26 05 29 00-0504 EA 4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	59.70	0.41
<b>26 05 29 00-0505 Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)</b>		
26 05 29 00-0506 EA 1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	9.11	0.82
26 05 29 00-0507 EA 3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	9.15	0.82
26 05 29 00-0508 EA 1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	9.39	0.82
26 05 29 00-0509 EA 1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	11.83	0.82
26 05 29 00-0510 EA 1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	12.16	0.82
26 05 29 00-0511 EA 2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	13.95	0.82
26 05 29 00-0512 EA 2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	15.70	0.82
26 05 29 00-0513 EA 3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	16.41	0.82
26 05 29 00-0514 EA 3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	17.53	0.82
26 05 29 00-0515 EA 4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	19.02	0.82
<b>26 05 29 00-0516 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0462)</b>		
<b>26 05 29 00-0517 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0516)</b>		
26 05 29 00-0518 EA 1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	8.26	0.82
26 05 29 00-0519 EA 3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	9.62	0.82
26 05 29 00-0520 EA 1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	12.10	0.82
26 05 29 00-0521 EA 1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	14.17	0.82
26 05 29 00-0522 EA 1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	18.98	0.82
26 05 29 00-0523 EA 2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer.....	31.31	0.82
26 05 29 00-0524 EA 2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer.....	46.68	0.82
26 05 29 00-0525 EA 3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	63.76	0.82
26 05 29 00-0526 EA 3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer.....	111.63	0.82
26 05 29 00-0527 EA 4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	111.63	0.82
<b>26 05 29 00-0528 Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories (26 05 29 00-0462)</b>		
<b>26 05 29 00-0529 Polyvinyl Chloride (PVC) Coated Threaded Rod (26 05 29 00-0528)</b>		
26 05 29 00-0530 LF 3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod .....	5.70	0.55
26 05 29 00-0531 LF 1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod .....	7.02	0.62
<b>26 05 29 00-0532 Attachments (26 05 29 00-0462)</b>		
<b>26 05 29 00-0533 Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts (26 05 29 00-0532)</b>		
26 05 29 00-0534 EA 1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	11.00	4.14
26 05 29 00-0535 EA 3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	11.36	4.35

**26 Electrical****26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0536	EA		1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	11.97	4.62
26 05 29 00-0537	EA		1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	12.74	4.90
26 05 29 00-0538	EA		1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	13.56	5.17
26 05 29 00-0539	EA		2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	15.25	5.52
26 05 29 00-0540	EA		2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	22.08	5.94
26 05 29 00-0541	EA		3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	23.16	6.35
26 05 29 00-0542	EA		4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	24.68	6.90
26 05 29 00-0543	EA		5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	40.38	7.87
26 05 29 00-0544	EA		6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	50.06	9.10
<b>26 05 29 00-0545</b>			<b>Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps (26 05 29 00-0532)</b>		
26 05 29 00-0546	EA		1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	38.20	13.64
26 05 29 00-0547	EA		5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	44.79	13.64
26 05 29 00-0548	EA		3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	47.50	13.64
26 05 29 00-0549	EA		1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	52.43	14.46
26 05 29 00-0550	EA		1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	61.41	16.52
<b>26 05 29 00-0551</b>			<b>Polyvinyl Chloride (PVC) Coated Pipe Straps (26 05 29 00-0532)</b>		
			Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552	EA		1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	13.57	4.54
26 05 29 00-0553	EA		3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	14.27	4.95
26 05 29 00-0554	EA		1" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	15.55	5.37
26 05 29 00-0555	EA		1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	17.51	6.20
26 05 29 00-0556	EA		1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	20.03	7.02
26 05 29 00-0557	EA		2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	22.27	7.44
26 05 29 00-0558	EA		2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	24.62	8.26
26 05 29 00-0559	EA		3" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	29.28	9.08
26 05 29 00-0560	EA		3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	32.00	9.51
26 05 29 00-0561	EA		4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	33.64	10.33
26 05 29 00-0562	EA		5" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	35.94	11.57
<b>26 05 29 00-0563</b>			<b>Polyvinyl Chloride (PVC) Coated Channel (26 05 29 00-0462)</b>		
26 05 29 00-0564	LF		Polyvinyl Chloride (PVC) Coated Channel, A12 .....	14.04	2.07
26 05 29 00-0565	LF		Polyvinyl Chloride (PVC) Coated Channel, A12A .....	24.86	2.89
26 05 29 00-0566	LF		Polyvinyl Chloride (PVC) Coated Channel, A12P .....	14.99	2.07
26 05 29 00-0567	LF		Polyvinyl Chloride (PVC) Coated Channel, C14 .....	11.12	2.07
26 05 29 00-0568	LF		Polyvinyl Chloride (PVC) Coated Channel, C14P .....	11.71	2.07
<b>26 05 29 00-0569</b>			<b>Polymer Concrete Pads (26 05 29)</b>		
			Note: Excludes excavation and backfill.		
<b>26 05 29 00-0570</b>			<b>Polymer Concrete, Box Pads (26 05 29 00-0569)</b>		
26 05 29 00-0571	EA		24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	678.08	59.69
26 05 29 00-0572	EA		25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	701.17	59.69
26 05 29 00-0573	EA		40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	913.31	59.69
26 05 29 00-0574	EA		40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	948.48	59.69
26 05 29 00-0575	EA		52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	880.56	59.69
26 05 29 00-0576	EA		44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	1,046.67	59.69
26 05 29 00-0577	EA		40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	1,174.04	59.69
26 05 29 00-0578	EA		52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	1,120.59	74.62
26 05 29 00-0579	EA		74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	1,715.69	74.62
26 05 29 00-0580	EA		93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	2,313.73	74.62
<b>26 05 29 00-0581</b>			<b>Polymer Concrete, Telecommunications Equipment Pads (26 05 29 00-0569)</b>		
26 05 29 00-0582	EA		42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	319.54	29.18
26 05 29 00-0583	EA		48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	382.61	29.18
26 05 29 00-0584	EA		60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	502.98	44.77
26 05 29 00-0585	EA		54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	526.42	44.77
26 05 29 00-0586	EA		57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	765.02	44.77
26 05 29 00-0587	EA		72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	798.18	44.77
26 05 29 00-0588	EA		64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	859.97	44.77
26 05 29 00-0589	EA		72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	859.97	44.77
26 05 29 00-0590	EA		76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,636.25	44.77
26 05 29 00-0591	EA		96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,857.76	44.77
<b>26 05 29 00-0592</b>			<b>Polymer Concrete, Electrical Equipment Pads (26 05 29 00-0569)</b>		
26 05 29 00-0593	EA		24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad .....	185.97	29.18
26 05 29 00-0594	EA		24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad .....	202.19	29.18
26 05 29 00-0595	EA		24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad .....	216.96	29.18
26 05 29 00-0596	EA		24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad .....	266.01	29.18
26 05 29 00-0597	EA		40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad .....	244.12	29.18
26 05 29 00-0598	EA		42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad .....	254.43	29.18
26 05 29 00-0599	EA		48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	281.18	29.18
26 05 29 00-0600	EA		48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad .....	296.78	29.18
26 05 29 00-0601	EA		54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	348.88	29.18



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0602 EA 56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad .....	434.70	29.18
26 05 29 00-0603 EA 64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	650.07	44.77
26 05 29 00-0604 EA 66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	681.44	44.77
26 05 29 00-0605 EA 75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	691.33	44.77
26 05 29 00-0606 EA 90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	757.27	44.77
26 05 29 00-0607 EA 84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	1,639.23	44.77
26 05 29 00-0608 EA 96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad .....	1,934.65	44.77

**26 05 33 Raceway And Boxes For Electrical Systems** (26 05)

**26 05 33 13 Conduit For Electrical Systems** (26 05 33)

**26 05 33 13-0001 Conduit Assemblies** (26 05 33 13)

Note: With fittings and wire.

**26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies** (26 05 33 13-0001)

Note: Includes conduit, set screw connectors, set screw couplings, straps, and wire as indicated. Per CLF.

26 05 33 13-0003 CLF 1/2" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	452.24	207.18
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	124.31	
26 05 33 13-0004 CLF 1/2" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	495.31	226.38
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	135.81	
26 05 33 13-0005 CLF 1/2" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	479.36	216.68
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	130.00	
26 05 33 13-0006 CLF 1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	532.03	239.28
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	143.57	
26 05 33 13-0007 CLF 3/4" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	520.57	236.20
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	141.72	
26 05 33 13-0008 CLF 3/4" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	564.31	255.52
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	153.32	
26 05 33 13-0009 CLF 3/4" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly.....	607.30	274.66
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	164.81	
26 05 33 13-0010 CLF 3/4" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly.....	650.55	293.93
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	176.37	
26 05 33 13-0011 CLF 3/4" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	548.06	245.70
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	147.42	
26 05 33 13-0012 CLF 3/4" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	600.41	268.18
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	160.89	
26 05 33 13-0013 CLF 3/4" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly.....	652.43	290.46
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	174.27	
26 05 33 13-0014 CLF 3/4" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly.....	704.44	312.75
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	187.65	
26 05 33 13-0015 CLF 1" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	639.33	284.80
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	170.89	
26 05 33 13-0016 CLF 1" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	681.78	303.68
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	182.21	
26 05 33 13-0017 CLF 1" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly.....	720.58	322.95
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	193.85	
26 05 33 13-0018 CLF 1" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly.....	767.64	342.21
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	205.15	
26 05 33 13-0019 CLF 1" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	665.75	293.93
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
<i>For Work In Restricted Working Space, Add</i>	176.37	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0020 CLF 1" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	717.51	316.15
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	189.67	
26 05 33 13-0021 CLF 1" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly.....	770.21	338.81
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	203.25	
26 05 33 13-0022 CLF 1" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly.....	823.46	360.91
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	216.77	
<b>26 05 33 13-0023 Rigid Galvanized Steel (RGS) Conduit Assemblies</b> <small>(26 05 33 13-0001)</small>		
Note: Includes conduit, terminations, straps, and wire as indicated. Per CLF.		
26 05 33 13-0024 CLF 1/2" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly.....	537.09	231.36
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	138.81	
26 05 33 13-0025 CLF 1/2" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly.....	580.55	250.74
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	150.44	
26 05 33 13-0026 CLF 1/2" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly.....	564.24	240.85
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	144.51	
26 05 33 13-0027 CLF 1/2" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly.....	615.69	262.89
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	157.72	
26 05 33 13-0028 CLF 3/4" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly.....	612.32	261.95
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	157.16	
26 05 33 13-0029 CLF 3/4" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly.....	756.88	331.89
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	199.11	
26 05 33 13-0030 CLF 3/4" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly.....	697.79	299.97
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	179.98	
26 05 33 13-0031 CLF 3/4" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly.....	638.87	271.33
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	162.68	
26 05 33 13-0032 CLF 3/4" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly.....	690.74	293.68
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	176.01	
26 05 33 13-0033 CLF 3/4" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly.....	743.70	315.96
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	189.67	
26 05 33 13-0034 CLF 1" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly.....	781.53	327.98
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	196.88	
26 05 33 13-0035 CLF 1" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly.....	823.47	347.18
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	208.06	
26 05 33 13-0036 CLF 1" Rigid Galvanized Steel (RGS) With 6 #12 THHN/THWN Wire Assembly.....	868.06	366.32
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	220.02	
26 05 33 13-0037 CLF 1" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly.....	816.76	340.57
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	204.20	
26 05 33 13-0038 CLF 1" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly.....	869.68	362.86
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	217.84	
26 05 33 13-0039 CLF 1" Rigid Galvanized Steel (RGS) With 6 #10 THHN/THWN Wire Assembly.....	920.93	385.21
Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
For Work In Restricted Working Space, Add	230.99	
<b>26 05 33 13-0040 Conduit</b> <small>(26 05 33 13)</small>		
Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
<b>26 05 33 13-0041 Conduit Installed Above Grade</b> <small>(26 05 33 13-0040)</small>		
<b>26 05 33 13-0042 Rigid Galvanized Steel (RGS) Conduit</b> <small>(26 05 33 13-0041)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-0043 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling</b> <small>(26 05 33 13-0042)</small>		
Note: Includes field bending for conduit up to 1".		
26 05 33 13-0044 LF 1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	4.64	1.38
For Work In Restricted Working Space, Add	1.04	
For >1,000, Deduct	-0.38	
For >500 To 1,000, Deduct	-0.26	
For Installation In Metal Stud Wall, Add	0.35	
For Installation In Wood Stud Wall (Includes Drilling), Add	0.87	
For Installation Above 14', Add	0.52	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.52	
For >250 To 500, Deduct	-0.06	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0045 LF 3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	5.23	1.51
For Work In Restricted Working Space, Add	1.13	
For >1,000, Deduct	-0.43	
For >500 To 1,000, Deduct	-0.30	
For Installation In Metal Stud Wall, Add	0.38	
For Installation In Wood Stud Wall (Includes Drilling), Add	0.95	
For Installation Above 14', Add	0.57	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.57	
For >250 To 500, Deduct	-0.07	
26 05 33 13-0046 LF 1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	6.65	1.77
For Work In Restricted Working Space, Add	1.32	
For >1,000, Deduct	-0.56	
For >500 To 1,000, Deduct	-0.39	
For Installation In Metal Stud Wall, Add	0.44	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.10	
For Installation Above 14', Add	0.66	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.66	
For >250 To 500, Deduct	-0.11	
26 05 33 13-0047 LF 1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	8.03	2.02
For Work In Restricted Working Space, Add	1.51	
For >1,000, Deduct	-0.68	
For >500 To 1,000, Deduct	-0.48	
For Installation In Metal Stud Wall, Add	0.50	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.26	
For Installation Above 14', Add	0.76	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.76	
For >250 To 500, Deduct	-0.15	
26 05 33 13-0048 LF 1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	9.34	2.27
For Work In Restricted Working Space, Add	1.70	
For >1,000, Deduct	-0.79	
For >500 To 1,000, Deduct	-0.56	
For Installation In Metal Stud Wall, Add	0.57	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.42	
For Installation Above 14', Add	0.85	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.85	
For >250 To 500, Deduct	-0.18	
26 05 33 13-0049 LF 2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	11.82	2.77
For Work In Restricted Working Space, Add	2.08	
For >1,000, Deduct	-1.01	
For >500 To 1,000, Deduct	-0.71	
For Installation In Metal Stud Wall, Add	0.69	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.73	
For Installation Above 14', Add	1.04	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.04	
For >250 To 500, Deduct	-0.25	
26 05 33 13-0050 LF 2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	17.57	3.78
For Work In Restricted Working Space, Add	2.83	
For >1,000, Deduct	-1.52	
For >500 To 1,000, Deduct	-1.08	
For Installation In Metal Stud Wall, Add	0.94	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.36	
For Installation Above 14', Add	1.42	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.42	
For >250 To 500, Deduct	-0.41	
26 05 33 13-0051 LF 3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	22.93	5.04
For Work In Restricted Working Space, Add	3.78	
For >1,000, Deduct	-1.98	
For >500 To 1,000, Deduct	-1.41	
For Installation In Metal Stud Wall, Add	1.26	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.15	
For Installation Above 14', Add	1.89	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.89	
For >250 To 500, Deduct	-0.52	
26 05 33 13-0052 LF 3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	28.36	6.30
For Work In Restricted Working Space, Add	4.72	
For >1,000, Deduct	-2.44	
For >500 To 1,000, Deduct	-1.73	
For Installation In Metal Stud Wall, Add	1.57	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.94	
For Installation Above 14', Add	2.36	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.36	
For >250 To 500, Deduct	-0.63	
26 05 33 13-0053 LF 4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	33.57	7.55
For Work In Restricted Working Space, Add	5.67	
For >1,000, Deduct	-2.88	
For >500 To 1,000, Deduct	-2.05	
For Installation In Metal Stud Wall, Add	1.89	
For Installation In Wood Stud Wall (Includes Drilling), Add	4.72	
For Installation Above 14', Add	2.83	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.83	
For >250 To 500, Deduct	-0.73	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0054	LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	53.68	9.57
			<i>For Work In Restricted Working Space, Add</i>	7.18	
			<i>For &gt;1,000, Deduct</i>	-4.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.43	
			<i>For Installation In Metal Stud Wall, Add</i>	2.39	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	5.98	
			<i>For Installation Above 14', Add</i>	3.59	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	3.59	
			<i>For &gt;250 To 500, Deduct</i>	-1.49	
26 05 33	13-0055	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	72.03	12.09
			<i>For Work In Restricted Working Space, Add</i>	9.06	
			<i>For &gt;1,000, Deduct</i>	-6.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.65	
			<i>For Installation In Metal Stud Wall, Add</i>	3.02	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	7.55	
			<i>For Installation Above 14', Add</i>	4.53	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.53	
			<i>For &gt;250 To 500, Deduct</i>	-2.09	
26 05 33	13-0056		<b>Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow</b> <small>(26 05 33 13-0042)</small>		
			See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33	13-0057	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	19.53	6.23
			<i>For Work In Restricted Working Space, Add</i>	4.69	
			<i>For Installation Above 14', Add</i>	2.34	
26 05 33	13-0058	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	24.58	7.74
			<i>For Work In Restricted Working Space, Add</i>	5.83	
			<i>For Installation Above 14', Add</i>	2.91	
26 05 33	13-0059	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	31.61	9.51
			<i>For Work In Restricted Working Space, Add</i>	7.11	
			<i>For Installation Above 14', Add</i>	3.55	
26 05 33	13-0060	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	41.07	11.01
			<i>For Work In Restricted Working Space, Add</i>	8.26	
			<i>For Installation Above 14', Add</i>	4.13	
26 05 33	13-0061	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	47.75	12.65
			<i>For Work In Restricted Working Space, Add</i>	9.48	
			<i>For Installation Above 14', Add</i>	4.74	
26 05 33	13-0062	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	56.96	13.91
			<i>For Work In Restricted Working Space, Add</i>	10.43	
			<i>For Installation Above 14', Add</i>	5.21	
26 05 33	13-0063	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	83.01	17.37
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
26 05 33	13-0064	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	118.10	23.67
			<i>For Work In Restricted Working Space, Add</i>	17.75	
			<i>For Installation Above 14', Add</i>	8.88	
26 05 33	13-0065	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	158.87	26.69
			<i>For Work In Restricted Working Space, Add</i>	20.02	
			<i>For Installation Above 14', Add</i>	10.01	
26 05 33	13-0066	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	193.03	34.75
			<i>For Work In Restricted Working Space, Add</i>	26.06	
			<i>For Installation Above 14', Add</i>	13.03	
26 05 33	13-0067	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	315.85	56.66
			<i>For Work In Restricted Working Space, Add</i>	42.50	
			<i>For Installation Above 14', Add</i>	21.25	
26 05 33	13-0068	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	474.89	85.11
			<i>For Work In Restricted Working Space, Add</i>	63.83	
			<i>For Installation Above 14', Add</i>	31.92	
26 05 33	13-0069		<b>Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow</b> <small>(26 05 33 13-0042)</small>		
			See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33	13-0070	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	19.53	6.23
			<i>For Work In Restricted Working Space, Add</i>	4.69	
			<i>For Installation Above 14', Add</i>	2.34	
26 05 33	13-0071	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	24.58	7.74
			<i>For Work In Restricted Working Space, Add</i>	5.83	
			<i>For Installation Above 14', Add</i>	2.91	
26 05 33	13-0072	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	31.61	9.51
			<i>For Work In Restricted Working Space, Add</i>	7.11	
			<i>For Installation Above 14', Add</i>	3.55	
26 05 33	13-0073	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	41.07	11.01
			<i>For Work In Restricted Working Space, Add</i>	8.26	
			<i>For Installation Above 14', Add</i>	4.13	
26 05 33	13-0074	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	47.75	12.65
			<i>For Work In Restricted Working Space, Add</i>	9.48	
			<i>For Installation Above 14', Add</i>	4.74	
26 05 33	13-0075	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	56.96	13.91
			<i>For Work In Restricted Working Space, Add</i>	10.43	
			<i>For Installation Above 14', Add</i>	5.21	
26 05 33	13-0076	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	81.40	17.37
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
26 05 33	13-0077	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	111.84	23.67
			<i>For Work In Restricted Working Space, Add</i>	17.75	
			<i>For Installation Above 14', Add</i>	8.88	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0078 EA 3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	150.06 20.02 10.01	26.69
26 05 33 13-0079 EA 4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	181.32 26.06 13.03	34.75
26 05 33 13-0080 EA 5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	315.85 42.50 21.25	56.66
26 05 33 13-0081 EA 6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	474.89 63.83 31.92	85.11
<b>26 05 33 13-0082 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow</b> (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0083 EA 1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	49.97 9.33 4.67	15.55
26 05 33 13-0084 EA 1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	57.54 10.80 5.40	18.01
26 05 33 13-0085 EA 1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	66.72 12.28 6.14	20.46
26 05 33 13-0086 EA 2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	75.40 13.50 6.75	22.51
<b>26 05 33 13-0087 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow</b> (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0088 EA 1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	54.86 9.33 4.67	15.55
26 05 33 13-0089 EA 1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	63.83 10.80 5.40	18.01
26 05 33 13-0090 EA 1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	69.58 12.28 6.14	20.46
26 05 33 13-0091 EA 2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	78.61 13.50 6.75	22.51
26 05 33 13-0092 EA 2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	105.22 16.94 8.47	28.24
26 05 33 13-0093 EA 3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	141.41 23.08 11.54	38.47
<b>26 05 33 13-0094 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow</b> (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0095 EA 1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	55.09 9.33 4.67	15.55
26 05 33 13-0096 EA 1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	63.21 10.80 5.40	18.01
26 05 33 13-0097 EA 1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	72.68 12.28 6.14	20.46
26 05 33 13-0098 EA 2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.54 13.50 6.75	22.51
26 05 33 13-0099 EA 2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	111.67 16.94 8.47	28.24
26 05 33 13-0100 EA 3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	146.62 23.08 11.54	38.47
26 05 33 13-0101 EA 3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	185.26 26.03 13.01	43.37
26 05 33 13-0102 EA 4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	223.01 33.88 16.94	56.46
<b>26 05 33 13-0103 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow</b> (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0104 EA 1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	62.89 9.33 4.67	15.55

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0105	EA		1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	70.87 10.80 5.40	18.01
26 05 33 13-0106	EA		1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	78.41 12.28 6.14	20.46
26 05 33 13-0107	EA		2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	93.99 13.50 6.75	22.51
26 05 33 13-0108	EA		2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	123.20 16.94 8.47	28.24
26 05 33 13-0109	EA		3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	164.69 23.08 11.54	38.47
26 05 33 13-0110	EA		3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	202.83 26.03 13.01	43.37
26 05 33 13-0111	EA		4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	237.02 33.88 16.94	56.46
<b>26 05 33 13-0112</b>			<b>Rigid Galvanized Steel (RGS) 30" Large Radius Elbow</b> <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0113	EA		1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	62.42 9.33 4.67	15.55
26 05 33 13-0114	EA		1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	76.56 10.80 5.40	18.01
26 05 33 13-0115	EA		1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	84.57 12.28 6.14	20.46
26 05 33 13-0116	EA		2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	102.04 13.50 6.75	22.51
26 05 33 13-0117	EA		2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	134.26 16.94 8.47	28.24
26 05 33 13-0118	EA		3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	178.96 23.08 11.54	38.47
26 05 33 13-0119	EA		3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	220.19 26.03 13.01	43.37
26 05 33 13-0120	EA		4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	262.72 33.88 16.94	56.46
26 05 33 13-0121	EA		5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	376.52 55.24 27.62	92.06
<b>26 05 33 13-0122</b>			<b>Rigid Galvanized Steel (RGS) 36" Large Radius Elbow</b> <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0123	EA		1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	66.59 9.33 4.67	15.55
26 05 33 13-0124	EA		1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	79.36 10.80 5.40	18.01
26 05 33 13-0125	EA		1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	95.37 12.28 6.14	20.46
26 05 33 13-0126	EA		2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	108.33 13.50 6.75	22.51
26 05 33 13-0127	EA		2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	147.37 16.94 8.47	28.24
26 05 33 13-0128	EA		3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	191.16 23.08 11.54	38.47
26 05 33 13-0129	EA		3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	242.62 26.03 13.01	43.37
26 05 33 13-0130	EA		4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	274.81 33.88 16.94	56.46
26 05 33 13-0131	EA		5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	475.18 55.24 27.62	92.06





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0132 EA 6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	596.37 82.99 41.49	138.31
<b>26 05 33 13-0133 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow</b> <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0134 EA 1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	72.69 9.33 4.67	15.55
26 05 33 13-0135 EA 1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	86.81 10.80 5.40	18.01
26 05 33 13-0136 EA 1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	103.29 12.28 6.14	20.46
26 05 33 13-0137 EA 2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	116.61 13.50 6.75	22.51
26 05 33 13-0138 EA 2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	157.40 16.94 8.47	28.24
26 05 33 13-0139 EA 3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	209.04 23.08 11.54	38.47
26 05 33 13-0140 EA 3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	260.55 26.03 13.01	43.37
26 05 33 13-0141 EA 4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	326.41 33.88 16.94	56.46
26 05 33 13-0142 EA 5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	546.36 55.24 27.62	92.06
26 05 33 13-0143 EA 6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	658.00 82.99 41.49	138.31
<b>26 05 33 13-0144 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow</b> <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0145 EA 1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	77.77 9.33 4.67	15.55
26 05 33 13-0146 EA 1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	92.56 10.80 5.40	18.01
26 05 33 13-0147 EA 1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	108.30 12.28 6.14	20.46
26 05 33 13-0148 EA 2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	132.09 13.50 6.75	22.51
26 05 33 13-0149 EA 2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	175.90 16.94 8.47	28.24
26 05 33 13-0150 EA 3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	227.06 23.08 11.54	38.47
26 05 33 13-0151 EA 3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	283.09 26.03 13.01	43.37
26 05 33 13-0152 EA 4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	353.79 33.88 16.94	56.46
26 05 33 13-0153 EA 5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	568.64 55.24 27.62	92.06
26 05 33 13-0154 EA 6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow <i>For Work In Restricted Working Space, Add For Installation Above 14', Add</i>	670.47 82.99 41.49	138.31
<b>26 05 33 13-0155 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0156 EA 1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing <i>For Work In Restricted Working Space, Add For Installation Above 14', Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.29 2.41 1.20 2.41	4.01
26 05 33 13-0157 EA 3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing <i>For Work In Restricted Working Space, Add For Installation Above 14', Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93 2.57 1.29 2.57	4.28

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0158	EA		1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	10.18	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.89	
			<i>For Installation Above 14', Add</i>	1.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.89	
26 05 33 13-0159	EA		1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	11.50	5.35
			<i>For Work In Restricted Working Space, Add</i>	3.21	
			<i>For Installation Above 14', Add</i>	1.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.21	
26 05 33 13-0160	EA		1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	14.47	6.69
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For Installation Above 14', Add</i>	2.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 05 33 13-0161	EA		2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	18.07	8.02
			<i>For Work In Restricted Working Space, Add</i>	4.82	
			<i>For Installation Above 14', Add</i>	2.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.82	
26 05 33 13-0162	EA		2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	23.20	9.37
			<i>For Work In Restricted Working Space, Add</i>	5.62	
			<i>For Installation Above 14', Add</i>	2.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.62	
26 05 33 13-0163	EA		3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	26.12	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0164	EA		3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	30.62	10.07
			<i>For Work In Restricted Working Space, Add</i>	7.22	
			<i>For Installation Above 14', Add</i>	3.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.22	
26 05 33 13-0165	EA		4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	33.96	13.38
			<i>For Work In Restricted Working Space, Add</i>	8.03	
			<i>For Installation Above 14', Add</i>	4.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 05 33 13-0166	EA		5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	41.73	14.72
			<i>For Work In Restricted Working Space, Add</i>	8.83	
			<i>For Installation Above 14', Add</i>	4.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.83	
26 05 33 13-0167	EA		6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	63.25	16.05
			<i>For Work In Restricted Working Space, Add</i>	9.63	
			<i>For Installation Above 14', Add</i>	4.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.63	
<b>26 05 33 13-0168</b>			<b>Rigid Galvanized Steel (RGS) Steel Bushing</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0169	EA		1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	10.12	4.72
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0170	EA		3/4" Rigid Galvanized Steel (RGS) Steel Bushing .....	11.07	5.04
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For Installation Above 14', Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.02	
26 05 33 13-0171	EA		1" Rigid Galvanized Steel (RGS) Steel Bushing .....	13.07	5.67
			<i>For Work In Restricted Working Space, Add</i>	3.40	
			<i>For Installation Above 14', Add</i>	1.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
26 05 33 13-0172	EA		1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing .....	14.73	6.30
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Installation Above 14', Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-0173	EA		1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	18.91	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0174	EA		2" Rigid Galvanized Steel (RGS) Steel Bushing .....	22.30	9.44
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For Installation Above 14', Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 05 33 13-0175	EA		2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	32.74	11.01
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Installation Above 14', Add</i>	3.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
26 05 33 13-0176	EA		3" Rigid Galvanized Steel (RGS) Steel Bushing .....	39.23	12.59
			<i>For Work In Restricted Working Space, Add</i>	7.55	
			<i>For Installation Above 14', Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.55	
26 05 33 13-0177	EA		3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	61.13	14.16
			<i>For Work In Restricted Working Space, Add</i>	8.50	
			<i>For Installation Above 14', Add</i>	4.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.50	
26 05 33 13-0178	EA		4" Rigid Galvanized Steel (RGS) Steel Bushing .....	84.68	15.74
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0179 EA 5" Rigid Galvanized Steel (RGS) Steel Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	115.32 10.39 5.19 10.39	17.31
26 05 33 13-0180 EA 6" Rigid Galvanized Steel (RGS) Steel Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	173.96 11.33 5.67 11.33	18.89
<b>26 05 33 13-0181 Rigid Galvanized Steel (RGS) Steel Insulated Bushing</b> (26 05 33 13-0042)		
26 05 33 13-0182 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.93 2.83 1.42 2.83	4.72
26 05 33 13-0183 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28 3.02 1.51 3.02	5.04
26 05 33 13-0184 EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.60 3.40 1.70 3.40	5.67
26 05 33 13-0185 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.32 3.78 1.89 3.78	6.30
26 05 33 13-0186 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.60 4.72 2.36 4.72	7.86
26 05 33 13-0187 EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.08 5.67 2.83 5.67	9.44
26 05 33 13-0188 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.22 6.61 3.31 6.61	11.01
26 05 33 13-0189 EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.82 7.55 3.78 7.55	12.59
26 05 33 13-0190 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.55 8.50 4.25 8.50	14.16
26 05 33 13-0191 EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.01 9.44 4.72 9.44	15.74
26 05 33 13-0192 EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.22 10.39 5.19 10.39	17.31
26 05 33 13-0193 EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.39 11.33 5.67 11.33	18.89
<b>26 05 33 13-0194 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing</b> (26 05 33 13-0042)		
26 05 33 13-0195 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.35 3.40 1.70 3.40	5.67
26 05 33 13-0196 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.45 3.78 1.89 3.78	6.30
26 05 33 13-0197 EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.41 4.16 2.08 4.16	6.92
26 05 33 13-0198 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.81 4.72 2.36 4.72	7.86
26 05 33 13-0199 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.30 5.86 2.93 5.86	9.76

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0200	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	41.05	11.65
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Installation Above 14', Add</i>	3.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-0201	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	56.07	13.53
			<i>For Work In Restricted Working Space, Add</i>	8.12	
			<i>For Installation Above 14', Add</i>	4.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.12	
26 05 33	13-0202	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	61.40	15.74
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	
26 05 33	13-0203	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	69.52	17.62
			<i>For Work In Restricted Working Space, Add</i>	10.58	
			<i>For Installation Above 14', Add</i>	5.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.58	
26 05 33	13-0204	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	91.48	19.52
			<i>For Work In Restricted Working Space, Add</i>	11.71	
			<i>For Installation Above 14', Add</i>	5.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.71	
26 05 33	13-0205	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	133.09	21.41
			<i>For Work In Restricted Working Space, Add</i>	12.84	
			<i>For Installation Above 14', Add</i>	6.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.84	
26 05 33	13-0206	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	186.39	23.60
			<i>For Work In Restricted Working Space, Add</i>	14.17	
			<i>For Installation Above 14', Add</i>	7.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.17	
26 05 33	13-0207		<b>Rigid Galvanized Steel (RGS) Box Connectors With Set Screw</b> <small>(26 05 33 13-0042)</small>		
26 05 33	13-0208	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw.....	9.07	2.90
			<i>For Work In Restricted Working Space, Add</i>	2.15	
			<i>For Installation Above 14', Add</i>	1.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 33	13-0209	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw.....	10.94	3.34
			<i>For Work In Restricted Working Space, Add</i>	2.50	
			<i>For Installation Above 14', Add</i>	1.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.50	
26 05 33	13-0210	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw.....	14.21	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.01	
			<i>For Installation Above 14', Add</i>	1.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.01	
26 05 33	13-0211	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	20.66	4.98
			<i>For Work In Restricted Working Space, Add</i>	3.74	
			<i>For Installation Above 14', Add</i>	1.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.74	
26 05 33	13-0212	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	27.95	6.67
			<i>For Work In Restricted Working Space, Add</i>	5.01	
			<i>For Installation Above 14', Add</i>	2.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.01	
26 05 33	13-0213	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	47.08	10.01
			<i>For Work In Restricted Working Space, Add</i>	7.50	
			<i>For Installation Above 14', Add</i>	3.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.50	
26 05 33	13-0214	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	82.31	11.08
			<i>For Work In Restricted Working Space, Add</i>	8.31	
			<i>For Installation Above 14', Add</i>	4.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.31	
26 05 33	13-0215	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	98.19	13.41
			<i>For Work In Restricted Working Space, Add</i>	10.07	
			<i>For Installation Above 14', Add</i>	5.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.07	
26 05 33	13-0216	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	132.27	16.81
			<i>For Work In Restricted Working Space, Add</i>	12.60	
			<i>For Installation Above 14', Add</i>	6.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.60	
26 05 33	13-0217	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	155.13	20.14
			<i>For Work In Restricted Working Space, Add</i>	15.11	
			<i>For Installation Above 14', Add</i>	7.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33	13-0218	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	267.71	22.41
			<i>For Work In Restricted Working Space, Add</i>	16.79	
			<i>For Installation Above 14', Add</i>	8.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.79	
26 05 33	13-0219	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	319.26	25.18
			<i>For Work In Restricted Working Space, Add</i>	18.88	
			<i>For Installation Above 14', Add</i>	9.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.88	
26 05 33	13-0220		<b>Rigid Galvanized Steel (RGS) Nipples</b> <small>(26 05 33 13-0042)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0221 EA 1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	9.25	4.09
<i>For Work In Restricted Working Space, Add</i>	2.46	
<i>For Installation Above 14', Add</i>	1.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0222 EA 3/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	10.63	4.72
<i>For Work In Restricted Working Space, Add</i>	2.83	
<i>For Installation Above 14', Add</i>	1.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0223 EA 1" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	13.62	5.98
<i>For Work In Restricted Working Space, Add</i>	3.59	
<i>For Installation Above 14', Add</i>	1.79	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0224 EA 1-1/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	15.97	6.92
<i>For Work In Restricted Working Space, Add</i>	4.16	
<i>For Installation Above 14', Add</i>	2.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0225 EA 1-1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	18.25	7.86
<i>For Work In Restricted Working Space, Add</i>	4.72	
<i>For Installation Above 14', Add</i>	2.36	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0226 EA 1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	9.33	4.09
<i>For Work In Restricted Working Space, Add</i>	2.46	
<i>For Installation Above 14', Add</i>	1.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0227 EA 3/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	10.77	4.72
<i>For Work In Restricted Working Space, Add</i>	2.83	
<i>For Installation Above 14', Add</i>	1.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0228 EA 1" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	13.77	5.98
<i>For Work In Restricted Working Space, Add</i>	3.59	
<i>For Installation Above 14', Add</i>	1.79	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0229 EA 1-1/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	16.17	6.92
<i>For Work In Restricted Working Space, Add</i>	4.16	
<i>For Installation Above 14', Add</i>	2.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0230 EA 1-1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	18.57	7.86
<i>For Work In Restricted Working Space, Add</i>	4.72	
<i>For Installation Above 14', Add</i>	2.36	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0231 EA 2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	21.04	8.82
<i>For Work In Restricted Working Space, Add</i>	5.29	
<i>For Installation Above 14', Add</i>	2.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0232 EA 1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	9.43	4.09
<i>For Work In Restricted Working Space, Add</i>	2.46	
<i>For Installation Above 14', Add</i>	1.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0233 EA 3/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	10.88	4.72
<i>For Work In Restricted Working Space, Add</i>	2.83	
<i>For Installation Above 14', Add</i>	1.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0234 EA 1" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	13.98	5.98
<i>For Work In Restricted Working Space, Add</i>	3.59	
<i>For Installation Above 14', Add</i>	1.79	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0235 EA 1-1/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	16.35	6.92
<i>For Work In Restricted Working Space, Add</i>	4.16	
<i>For Installation Above 14', Add</i>	2.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0236 EA 1-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	18.79	7.86
<i>For Work In Restricted Working Space, Add</i>	4.72	
<i>For Installation Above 14', Add</i>	2.36	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0237 EA 2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	21.57	8.82
<i>For Work In Restricted Working Space, Add</i>	5.29	
<i>For Installation Above 14', Add</i>	2.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0238 EA 2-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	29.57	10.70
<i>For Work In Restricted Working Space, Add</i>	6.42	
<i>For Installation Above 14', Add</i>	3.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0239 EA 3" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	39.61	14.80
<i>For Work In Restricted Working Space, Add</i>	8.87	
<i>For Installation Above 14', Add</i>	4.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0240 EA 1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	9.54	4.09
<i>For Work In Restricted Working Space, Add</i>	2.46	
<i>For Installation Above 14', Add</i>	1.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0241 EA 3/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	10.95	4.72
<i>For Work In Restricted Working Space, Add</i>	2.83	
<i>For Installation Above 14', Add</i>	1.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0242	EA		1" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	14.25	5.98
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Installation Above 14', Add</i>	1.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0243	EA		1-1/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	16.69	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0244	EA		1-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	19.24	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0245	EA		2" x 3-1/2" Long Rigid Galvanized Steel (RGS), Nipple.....	22.12	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.29	
			<i>For Installation Above 14', Add</i>	2.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0246	EA		2-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	31.06	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0247	EA		3" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	40.90	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.87	
			<i>For Installation Above 14', Add</i>	4.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0248	EA		1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	9.66	4.09
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Installation Above 14', Add</i>	1.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0249	EA		3/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	11.15	4.72
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0250	EA		1" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	14.41	5.98
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Installation Above 14', Add</i>	1.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0251	EA		1-1/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	16.86	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0252	EA		1-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	19.55	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0253	EA		2" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	22.59	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.29	
			<i>For Installation Above 14', Add</i>	2.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0254	EA		2-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	31.52	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0255	EA		3" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	41.85	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.87	
			<i>For Installation Above 14', Add</i>	4.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0256	EA		3-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	48.30	16.68
			<i>For Work In Restricted Working Space, Add</i>	10.01	
			<i>For Installation Above 14', Add</i>	5.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-0257	EA		4" x 4" Long Rigid Galvanized Steel (RGS) Nipple.....	60.20	21.72
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-0258	EA		1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	9.83	4.09
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Installation Above 14', Add</i>	1.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0259	EA		3/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	11.41	4.72
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0260	EA		1" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	14.74	5.98
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Installation Above 14', Add</i>	1.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0261	EA		1-1/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	17.33	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0262	EA		1-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	20.01	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0263 EA 2" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	23.42	8.82
For Work In Restricted Working Space, Add	5.29	
For Installation Above 14', Add	2.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-0264 EA 2-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	33.35	10.70
For Work In Restricted Working Space, Add	6.42	
For Installation Above 14', Add	3.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-0265 EA 3" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	43.85	14.80
For Work In Restricted Working Space, Add	8.87	
For Installation Above 14', Add	4.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-0266 EA 3-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	50.28	16.68
For Work In Restricted Working Space, Add	10.01	
For Installation Above 14', Add	5.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-0267 EA 4" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	63.10	21.72
For Work In Restricted Working Space, Add	13.03	
For Installation Above 14', Add	6.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-0268 EA 5" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	97.98	29.90
For Work In Restricted Working Space, Add	17.94	
For Installation Above 14', Add	8.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.94	
26 05 33 13-0269 EA 6" x 5" Long Rigid Galvanized Steel (RGS) Nipple.....	124.31	38.34
For Work In Restricted Working Space, Add	23.02	
For Installation Above 14', Add	11.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-0270 EA 1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	10.15	4.09
For Work In Restricted Working Space, Add	2.46	
For Installation Above 14', Add	1.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-0271 EA 3/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	11.73	4.72
For Work In Restricted Working Space, Add	2.83	
For Installation Above 14', Add	1.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-0272 EA 1" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	15.00	5.98
For Work In Restricted Working Space, Add	3.59	
For Installation Above 14', Add	1.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-0273 EA 1-1/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	17.77	6.92
For Work In Restricted Working Space, Add	4.16	
For Installation Above 14', Add	2.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-0274 EA 1-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	20.99	7.86
For Work In Restricted Working Space, Add	4.72	
For Installation Above 14', Add	2.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0275 EA 2" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	24.25	8.82
For Work In Restricted Working Space, Add	5.29	
For Installation Above 14', Add	2.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-0276 EA 2-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	34.97	10.70
For Work In Restricted Working Space, Add	6.42	
For Installation Above 14', Add	3.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-0277 EA 3" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	45.87	14.80
For Work In Restricted Working Space, Add	8.87	
For Installation Above 14', Add	4.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-0278 EA 3-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	52.70	16.68
For Work In Restricted Working Space, Add	10.01	
For Installation Above 14', Add	5.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-0279 EA 4" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	65.39	21.72
For Work In Restricted Working Space, Add	13.03	
For Installation Above 14', Add	6.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-0280 EA 5" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	101.34	29.90
For Work In Restricted Working Space, Add	17.94	
For Installation Above 14', Add	8.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.94	
26 05 33 13-0281 EA 6" x 6" Long Rigid Galvanized Steel (RGS) Nipple.....	129.23	38.34
For Work In Restricted Working Space, Add	23.02	
For Installation Above 14', Add	11.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-0282 EA 1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple.....	11.32	4.09
For Work In Restricted Working Space, Add	2.46	
For Installation Above 14', Add	1.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-0283 EA 3/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple.....	13.23	4.72
For Work In Restricted Working Space, Add	2.83	
For Installation Above 14', Add	1.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0284	EA		1" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	16.75	5.98
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Installation Above 14', Add</i>	1.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0285	EA		1-1/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	20.27	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0286	EA		1-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	23.78	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0287	EA		2" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	27.19	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.29	
			<i>For Installation Above 14', Add</i>	2.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0288	EA		2-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	39.24	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0289	EA		3" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	50.78	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.87	
			<i>For Installation Above 14', Add</i>	4.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0290	EA		3-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	57.59	16.68
			<i>For Work In Restricted Working Space, Add</i>	10.01	
			<i>For Installation Above 14', Add</i>	5.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-0291	EA		4" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	70.80	21.72
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-0292	EA		5" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	109.14	29.90
			<i>For Work In Restricted Working Space, Add</i>	17.94	
			<i>For Installation Above 14', Add</i>	8.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94	
26 05 33 13-0293	EA		6" x 8" Long Rigid Galvanized Steel (RGS) Nipple .....	137.99	38.34
			<i>For Work In Restricted Working Space, Add</i>	23.02	
			<i>For Installation Above 14', Add</i>	11.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.02	
26 05 33 13-0294	EA		1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	12.10	4.09
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Installation Above 14', Add</i>	1.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-0295	EA		3/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	13.99	4.72
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0296	EA		1" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	18.15	5.98
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Installation Above 14', Add</i>	1.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-0297	EA		1-1/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	21.93	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0298	EA		1-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	25.41	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0299	EA		2" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	29.08	8.82
			<i>For Work In Restricted Working Space, Add</i>	5.29	
			<i>For Installation Above 14', Add</i>	2.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-0300	EA		2-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	42.11	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-0301	EA		3" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	54.64	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.87	
			<i>For Installation Above 14', Add</i>	4.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-0302	EA		3-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	62.67	16.68
			<i>For Work In Restricted Working Space, Add</i>	10.01	
			<i>For Installation Above 14', Add</i>	5.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-0303	EA		4" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	77.24	21.72
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-0304	EA		5" x 10" Long Rigid Galvanized Steel (RGS) Nipple .....	117.64	29.90
			<i>For Work In Restricted Working Space, Add</i>	17.94	
			<i>For Installation Above 14', Add</i>	8.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0305 EA 6" x 10" Long Rigid Galvanized Steel (RGS) Nipple.....	153.29	38.34
For Work In Restricted Working Space, Add	23.02	
For Installation Above 14', Add	11.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
26 05 33 13-0306 EA 1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	12.70	4.09
For Work In Restricted Working Space, Add	2.46	
For Installation Above 14', Add	1.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-0307 EA 3/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	14.55	4.72
For Work In Restricted Working Space, Add	2.83	
For Installation Above 14', Add	1.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-0308 EA 1" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	18.98	5.98
For Work In Restricted Working Space, Add	3.59	
For Installation Above 14', Add	1.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-0309 EA 1-1/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	23.25	6.92
For Work In Restricted Working Space, Add	4.16	
For Installation Above 14', Add	2.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-0310 EA 1-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	26.23	7.86
For Work In Restricted Working Space, Add	4.72	
For Installation Above 14', Add	2.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0311 EA 2" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	30.66	8.82
For Work In Restricted Working Space, Add	5.29	
For Installation Above 14', Add	2.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-0312 EA 2-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	45.49	10.70
For Work In Restricted Working Space, Add	6.42	
For Installation Above 14', Add	3.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-0313 EA 3" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	60.00	14.80
For Work In Restricted Working Space, Add	8.87	
For Installation Above 14', Add	4.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-0314 EA 3-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	67.62	16.68
For Work In Restricted Working Space, Add	10.01	
For Installation Above 14', Add	5.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-0315 EA 4" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	83.68	21.72
For Work In Restricted Working Space, Add	13.03	
For Installation Above 14', Add	6.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-0316 EA 5" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	129.87	29.90
For Work In Restricted Working Space, Add	17.94	
For Installation Above 14', Add	8.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.94	
26 05 33 13-0317 EA 6" x 12" Long Rigid Galvanized Steel (RGS) Nipple.....	161.80	38.34
For Work In Restricted Working Space, Add	23.02	
For Installation Above 14', Add	11.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.02	
<b>26 05 33 13-0318 Rigid Galvanized Steel (RGS) Off-Set Nipples</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0319 EA 1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	9.26	3.27
For Work In Restricted Working Space, Add	2.48	
For Installation Above 14', Add	1.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.48	
26 05 33 13-0320 EA 3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	10.93	3.78
For Work In Restricted Working Space, Add	2.82	
For Installation Above 14', Add	1.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.82	
26 05 33 13-0321 EA 1" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	13.77	4.78
For Work In Restricted Working Space, Add	3.60	
For Installation Above 14', Add	1.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.60	
26 05 33 13-0322 EA 1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	17.23	5.73
For Work In Restricted Working Space, Add	4.32	
For Installation Above 14', Add	2.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.32	
26 05 33 13-0323 EA 1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	18.87	6.30
For Work In Restricted Working Space, Add	4.73	
For Installation Above 14', Add	2.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.73	
26 05 33 13-0324 EA 2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	24.35	7.74
For Work In Restricted Working Space, Add	5.82	
For Installation Above 14', Add	2.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.82	
26 05 33 13-0325 EA 2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	39.73	12.59
For Work In Restricted Working Space, Add	9.44	
For Installation Above 14', Add	4.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.44	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0326	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	62.16	17.37
			<i>For Work In Restricted Working Space, Add</i>	13.03	
			<i>For Installation Above 14', Add</i>	6.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33	13-0327	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	76.33	20.52
			<i>For Work In Restricted Working Space, Add</i>	15.31	
			<i>For Installation Above 14', Add</i>	7.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.31	
26 05 33	13-0328	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	91.00	23.67
			<i>For Work In Restricted Working Space, Add</i>	17.75	
			<i>For Installation Above 14', Add</i>	8.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.75	
<b>26 05 33 13-0329 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (26 05 33 13-0042)</b>					
Note: Erickson fittings.					
26 05 33	13-0330	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	27.09	10.07
			<i>For Work In Restricted Working Space, Add</i>	7.56	
			<i>For Installation Above 14', Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.56	
26 05 33	13-0331	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	30.55	11.26
			<i>For Work In Restricted Working Space, Add</i>	8.44	
			<i>For Installation Above 14', Add</i>	4.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.44	
26 05 33	13-0332	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	35.78	12.53
			<i>For Work In Restricted Working Space, Add</i>	9.40	
			<i>For Installation Above 14', Add</i>	4.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	
26 05 33	13-0333	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	43.77	13.72
			<i>For Work In Restricted Working Space, Add</i>	10.29	
			<i>For Installation Above 14', Add</i>	5.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.29	
26 05 33	13-0334	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	48.88	14.99
			<i>For Work In Restricted Working Space, Add</i>	11.26	
			<i>For Installation Above 14', Add</i>	5.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.26	
26 05 33	13-0335	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	63.37	16.24
			<i>For Work In Restricted Working Space, Add</i>	12.19	
			<i>For Installation Above 14', Add</i>	6.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19	
26 05 33	13-0336	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	103.02	20.14
			<i>For Work In Restricted Working Space, Add</i>	15.11	
			<i>For Installation Above 14', Add</i>	7.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33	13-0337	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	142.87	25.18
			<i>For Work In Restricted Working Space, Add</i>	18.89	
			<i>For Installation Above 14', Add</i>	9.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.89	
26 05 33	13-0338	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	208.69	30.21
			<i>For Work In Restricted Working Space, Add</i>	22.67	
			<i>For Installation Above 14', Add</i>	11.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.67	
26 05 33	13-0339	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	238.37	32.73
			<i>For Work In Restricted Working Space, Add</i>	24.55	
			<i>For Installation Above 14', Add</i>	12.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.55	
26 05 33	13-0340	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	421.99	40.29
			<i>For Work In Restricted Working Space, Add</i>	30.21	
			<i>For Installation Above 14', Add</i>	15.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.21	
26 05 33	13-0341	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	544.69	46.58
			<i>For Work In Restricted Working Space, Add</i>	34.94	
			<i>For Installation Above 14', Add</i>	17.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.94	
<b>26 05 33 13-0342 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors (26 05 33 13-0042)</b>					
26 05 33	13-0343	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	15.29	5.04
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Installation Above 14', Add</i>	1.89	
26 05 33	13-0344	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	17.05	5.54
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
26 05 33	13-0345	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	19.55	6.30
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
26 05 33	13-0346	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	22.01	6.80
			<i>For Work In Restricted Working Space, Add</i>	5.10	
			<i>For Installation Above 14', Add</i>	2.55	
26 05 33	13-0347	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	25.89	7.55
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For Installation Above 14', Add</i>	2.83	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0348 EA 2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	31.12 6.23 3.12	8.31
26 05 33 13-0349 EA 2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	41.77 7.55 3.78	10.07
26 05 33 13-0350 EA 3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	51.72 9.44 4.72	12.59
26 05 33 13-0351 EA 3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	62.13 11.33 5.67	15.11
26 05 33 13-0352 EA 4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	69.84 12.28 6.14	16.37
<b>26 05 33 13-0353 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0354 EA 1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.65 3.40 1.70 3.40	5.67
26 05 33 13-0355 EA 3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.32 3.78 1.89 3.78	6.30
26 05 33 13-0356 EA 1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.12 4.72 2.36 4.72	7.86
26 05 33 13-0357 EA 1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.84 5.67 2.83 5.67	9.44
26 05 33 13-0358 EA 1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.72 7.55 3.78 7.55	12.59
26 05 33 13-0359 EA 2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.07 8.50 4.25 8.50	14.16
26 05 33 13-0360 EA 2-1/2" Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.31 9.44 4.72 9.44	15.74
26 05 33 13-0361 EA 3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.91 11.90 5.95 11.90	19.83
26 05 33 13-0362 EA 3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.55 14.36 7.18 14.36	23.92
26 05 33 13-0363 EA 4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.86 17.00 8.50 17.00	28.33
<b>26 05 33 13-0364 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement</b> <small>(26 05 33 13-0042)</small> Note: Type AX		
26 05 33 13-0365 EA 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	75.40 7.56 3.78	10.07
26 05 33 13-0366 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.65 8.50 4.25	11.34
26 05 33 13-0367 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	101.99 9.44 4.72	12.59
26 05 33 13-0368 EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	125.96 10.39 5.19	13.85
26 05 33 13-0369 EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	159.83 11.33 5.67	15.11
26 05 33 13-0370 EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.01 12.28 6.14	16.37
26 05 33 13-0371 EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	346.34 15.11 7.56	20.14

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0372 EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	444.15	25.18
<i>For Work In Restricted Working Space, Add</i>	18.89	
<i>For Installation Above 14', Add</i>	9.44	
26 05 33 13-0373 EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement .....	652.81	30.21
<i>For Work In Restricted Working Space, Add</i>	22.67	
<i>For Installation Above 14', Add</i>	11.33	
26 05 33 13-0374 EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	695.54	32.73
<i>For Work In Restricted Working Space, Add</i>	24.55	
<i>For Installation Above 14', Add</i>	12.27	
26 05 33 13-0375 EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,072.00	40.29
<i>For Work In Restricted Working Space, Add</i>	30.22	
<i>For Installation Above 14', Add</i>	15.11	
26 05 33 13-0376 EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,320.11	44.70
<i>For Work In Restricted Working Space, Add</i>	33.54	
<i>For Installation Above 14', Add</i>	16.77	
<b>26 05 33 13-0377 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement</b> <small>(26 05 33 13-0042)</small>		
Note: Type AX-8		
26 05 33 13-0378 EA 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	83.79	10.07
<i>For Work In Restricted Working Space, Add</i>	7.56	
<i>For Installation Above 14', Add</i>	3.78	
26 05 33 13-0379 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	93.08	11.34
<i>For Work In Restricted Working Space, Add</i>	8.50	
<i>For Installation Above 14', Add</i>	4.25	
26 05 33 13-0380 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	113.66	12.59
<i>For Work In Restricted Working Space, Add</i>	9.44	
<i>For Installation Above 14', Add</i>	4.72	
26 05 33 13-0381 EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	144.34	13.85
<i>For Work In Restricted Working Space, Add</i>	10.39	
<i>For Installation Above 14', Add</i>	5.19	
26 05 33 13-0382 EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	196.35	15.11
<i>For Work In Restricted Working Space, Add</i>	11.33	
<i>For Installation Above 14', Add</i>	5.67	
26 05 33 13-0383 EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	241.46	16.37
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0384 EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	459.46	20.14
<i>For Work In Restricted Working Space, Add</i>	15.11	
<i>For Installation Above 14', Add</i>	7.56	
26 05 33 13-0385 EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	521.39	25.18
<i>For Work In Restricted Working Space, Add</i>	18.89	
<i>For Installation Above 14', Add</i>	9.44	
26 05 33 13-0386 EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	805.46	30.21
<i>For Work In Restricted Working Space, Add</i>	22.67	
<i>For Installation Above 14', Add</i>	11.33	
26 05 33 13-0387 EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	871.98	32.73
<i>For Work In Restricted Working Space, Add</i>	24.55	
<i>For Installation Above 14', Add</i>	12.27	
26 05 33 13-0388 EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,220.73	40.29
<i>For Work In Restricted Working Space, Add</i>	30.22	
<i>For Installation Above 14', Add</i>	15.11	
26 05 33 13-0389 EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,511.46	44.70
<i>For Work In Restricted Working Space, Add</i>	33.54	
<i>For Installation Above 14', Add</i>	16.77	
<b>26 05 33 13-0390 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement</b> <small>(26 05 33 13-0042)</small>		
Note: Type EX		
26 05 33 13-0391 EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	96.08	10.07
<i>For Work In Restricted Working Space, Add</i>	7.56	
<i>For Installation Above 14', Add</i>	3.78	
26 05 33 13-0392 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	122.05	11.34
<i>For Work In Restricted Working Space, Add</i>	8.50	
<i>For Installation Above 14', Add</i>	4.25	
26 05 33 13-0393 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	152.79	12.59
<i>For Work In Restricted Working Space, Add</i>	9.44	
<i>For Installation Above 14', Add</i>	4.72	
26 05 33 13-0394 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	186.71	13.85
<i>For Work In Restricted Working Space, Add</i>	10.39	
<i>For Installation Above 14', Add</i>	5.19	
26 05 33 13-0395 EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	253.72	15.11
<i>For Work In Restricted Working Space, Add</i>	11.33	
<i>For Installation Above 14', Add</i>	5.67	
26 05 33 13-0396 EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	352.32	16.37
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0397 EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	550.73	20.14
<i>For Work In Restricted Working Space, Add</i>	15.11	
<i>For Installation Above 14', Add</i>	7.56	
26 05 33 13-0398 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	743.62	25.18
<i>For Work In Restricted Working Space, Add</i>	18.89	
<i>For Installation Above 14', Add</i>	9.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0399 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,121.54 22.67 11.33	30.21
26 05 33 13-0400 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,159.87 24.55 12.27	32.73
26 05 33 13-0401 EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,751.42 30.22 15.11	40.29
26 05 33 13-0402 EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	2,174.66 33.54 16.77	44.70
<b>26 05 33 13-0403 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings</b> <small>(26 05 33 13-0042)</small> Note: Type DX		
26 05 33 13-0404 EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	171.83 7.56 3.78	10.07
26 05 33 13-0405 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	205.12 8.50 4.25	11.34
26 05 33 13-0406 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	248.66 9.44 4.72	12.59
26 05 33 13-0407 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	292.94 10.39 5.19	13.85
26 05 33 13-0408 EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	324.07 11.33 5.67	15.11
26 05 33 13-0409 EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	402.00 12.28 6.14	16.37
26 05 33 13-0410 EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	532.29 15.11 7.56	20.14
26 05 33 13-0411 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	675.27 18.89 9.44	25.18
26 05 33 13-0412 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	758.60 22.67 11.33	30.21
26 05 33 13-0413 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	922.40 24.55 12.27	32.73
26 05 33 13-0414 EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,587.67 30.22 15.11	40.29
26 05 33 13-0415 EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	2,536.81 33.54 16.77	44.70
<b>26 05 33 13-0416 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0417 EA 1/2" To 3/4" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	42.82 3.78 1.89	5.04
26 05 33 13-0418 EA 1" To 1-1/4" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	49.03 4.72 2.36	6.30
26 05 33 13-0419 EA 1-1/2" To 2" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	60.58 5.67 2.83	7.55
26 05 33 13-0420 EA 2-1/2" To 3" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.42 7.55 3.78	10.07
26 05 33 13-0421 EA 3-1/2" To 4" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	129.53 11.33 5.67	15.11
26 05 33 13-0422 EA 5" To 6" Conduit, 14" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.68 15.11 7.56	20.14
26 05 33 13-0423 EA 1/2" To 3/4" Conduit, 24" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	48.00 3.78 1.89	5.04
26 05 33 13-0424 EA 1" To 1-1/4" Conduit, 24" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	55.57 4.72 2.36	6.30
26 05 33 13-0425 EA 1-1/2" To 2" Conduit, 24" Bonding Jumper..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	66.57 5.67 2.83	7.55

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0426	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper .....	93.38	10.07
			<i>For Work In Restricted Working Space, Add</i>	7.55	
			<i>For Installation Above 14', Add</i>	3.78	
26 05 33	13-0427	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper .....	140.08	15.11
			<i>For Work In Restricted Working Space, Add</i>	11.33	
			<i>For Installation Above 14', Add</i>	5.67	
26 05 33	13-0428	EA	5" To 6" Conduit, 24" Bonding Jumper.....	258.72	20.14
			<i>For Work In Restricted Working Space, Add</i>	15.11	
			<i>For Installation Above 14', Add</i>	7.56	
<b>26 05 33 13-0429 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal (26 05 33 13-0042)</b>					
26 05 33	13-0430	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	50.22	15.74
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	
26 05 33	13-0431	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	59.78	18.89
			<i>For Work In Restricted Working Space, Add</i>	11.33	
			<i>For Installation Above 14', Add</i>	5.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.33	
26 05 33	13-0432	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	72.36	22.04
			<i>For Work In Restricted Working Space, Add</i>	13.22	
			<i>For Installation Above 14', Add</i>	6.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.22	
26 05 33	13-0433	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	84.72	25.18
			<i>For Work In Restricted Working Space, Add</i>	15.11	
			<i>For Installation Above 14', Add</i>	7.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33	13-0434	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	108.38	28.33
			<i>For Work In Restricted Working Space, Add</i>	17.00	
			<i>For Installation Above 14', Add</i>	8.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.00	
26 05 33	13-0435	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	129.96	31.48
			<i>For Work In Restricted Working Space, Add</i>	18.89	
			<i>For Installation Above 14', Add</i>	9.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.89	
26 05 33	13-0436	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal .....	179.65	37.77
			<i>For Work In Restricted Working Space, Add</i>	22.66	
			<i>For Installation Above 14', Add</i>	11.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.66	
26 05 33	13-0437	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	215.31	44.07
			<i>For Work In Restricted Working Space, Add</i>	26.44	
			<i>For Installation Above 14', Add</i>	13.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.44	
26 05 33	13-0438	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	467.52	50.37
			<i>For Work In Restricted Working Space, Add</i>	30.22	
			<i>For Installation Above 14', Add</i>	15.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.22	
26 05 33	13-0439	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	537.82	56.66
			<i>For Work In Restricted Working Space, Add</i>	33.99	
			<i>For Installation Above 14', Add</i>	17.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.99	
<b>26 05 33 13-0440 Rigid Galvanized Steel (RGS) Threaded Couplings (26 05 33 13-0042)</b>					
26 05 33	13-0441	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	8.53	3.78
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Installation Above 14', Add</i>	1.13	
26 05 33	13-0442	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	11.93	5.35
			<i>For Work In Restricted Working Space, Add</i>	3.21	
			<i>For Installation Above 14', Add</i>	1.61	
26 05 33	13-0443	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	15.73	6.92
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Installation Above 14', Add</i>	2.08	
26 05 33	13-0444	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	18.11	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
26 05 33	13-0445	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	21.86	9.44
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For Installation Above 14', Add</i>	2.83	
26 05 33	13-0446	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	25.83	10.70
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Installation Above 14', Add</i>	3.21	
26 05 33	13-0447	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	33.85	11.96
			<i>For Work In Restricted Working Space, Add</i>	7.18	
			<i>For Installation Above 14', Add</i>	3.59	
26 05 33	13-0448	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	39.98	13.53
			<i>For Work In Restricted Working Space, Add</i>	8.12	
			<i>For Installation Above 14', Add</i>	4.06	
26 05 33	13-0449	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	47.03	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.88	
			<i>For Installation Above 14', Add</i>	4.44	
26 05 33	13-0450	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	49.65	15.74
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-0451 Rigid Galvanized Steel (RGS) Sealing Locknut</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0452 EA 1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	2.13	0.63
26 05 33 13-0453 EA 3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	2.89	0.94
26 05 33 13-0454 EA 1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	4.80	1.57
26 05 33 13-0455 EA 1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	6.98	2.21
26 05 33 13-0456 EA 1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	8.45	2.52
26 05 33 13-0457 EA 2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	10.01	2.83
<b>26 05 33 13-0458 Rigid Galvanized Steel (RGS) Fire Stop Fittings</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0459 EA 1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	93.77	7.64
For Work In Restricted Working Space, Add	5.73	
For Installation Above 14', Add	2.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.73	
26 05 33 13-0460 EA 3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	95.61	8.38
For Work In Restricted Working Space, Add	6.28	
For Installation Above 14', Add	3.14	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.28	
26 05 33 13-0461 EA 1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	114.32	9.19
For Work In Restricted Working Space, Add	6.88	
For Installation Above 14', Add	3.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.88	
26 05 33 13-0462 EA 1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	125.50	10.07
For Work In Restricted Working Space, Add	7.56	
For Installation Above 14', Add	3.78	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.56	
26 05 33 13-0463 EA 1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	143.12	11.34
For Work In Restricted Working Space, Add	8.50	
For Installation Above 14', Add	4.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.50	
26 05 33 13-0464 EA 2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	209.81	12.59
For Work In Restricted Working Space, Add	9.45	
For Installation Above 14', Add	4.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.45	
26 05 33 13-0465 EA 2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	242.59	16.81
For Work In Restricted Working Space, Add	12.60	
For Installation Above 14', Add	6.30	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 05 33 13-0466 EA 3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	269.03	18.45
For Work In Restricted Working Space, Add	13.84	
For Installation Above 14', Add	6.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.84	
26 05 33 13-0467 EA 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	312.28	20.14
For Work In Restricted Working Space, Add	15.11	
For Installation Above 14', Add	7.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.11	
26 05 33 13-0468 EA 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	351.99	22.66
For Work In Restricted Working Space, Add	17.00	
For Installation Above 14', Add	8.50	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.00	
26 05 33 13-0469 EA 5" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	469.73	25.18
For Work In Restricted Working Space, Add	18.89	
For Installation Above 14', Add	9.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.89	
26 05 33 13-0470 EA 6" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	582.53	27.95
For Work In Restricted Working Space, Add	20.96	
For Installation Above 14', Add	10.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.96	
<b>26 05 33 13-0471 Rigid Galvanized Steel (RGS) Reducing Bushings</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0472 EA 3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	10.43	4.88
For Work In Restricted Working Space, Add	2.93	
For Installation Above 14', Add	1.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.93	
26 05 33 13-0473 EA 1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	11.62	5.20
For Work In Restricted Working Space, Add	3.12	
For Installation Above 14', Add	1.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.12	
26 05 33 13-0474 EA 1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	11.93	5.35
For Work In Restricted Working Space, Add	3.21	
For Installation Above 14', Add	1.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.21	
26 05 33 13-0475 EA 1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	14.21	5.51
For Work In Restricted Working Space, Add	3.30	
For Installation Above 14', Add	1.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.30	
26 05 33 13-0476 EA 1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	14.54	5.67
For Work In Restricted Working Space, Add	3.40	
For Installation Above 14', Add	1.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.40	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0477	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	15.16	5.98	
		<i>For Work In Restricted Working Space, Add</i>	3.59		
		<i>For Installation Above 14', Add</i>	1.79		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59		
26 05 33 13-0478	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	16.47	6.30	
		<i>For Work In Restricted Working Space, Add</i>	3.78		
		<i>For Installation Above 14', Add</i>	1.89		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78		
26 05 33 13-0479	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	16.79	6.45	
		<i>For Work In Restricted Working Space, Add</i>	3.87		
		<i>For Installation Above 14', Add</i>	1.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87		
26 05 33 13-0480	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	17.41	6.77	
		<i>For Work In Restricted Working Space, Add</i>	4.06		
		<i>For Installation Above 14', Add</i>	2.03		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.06		
26 05 33 13-0481	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	18.04	7.08	
		<i>For Work In Restricted Working Space, Add</i>	4.25		
		<i>For Installation Above 14', Add</i>	2.12		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25		
26 05 33 13-0482	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	22.67	7.08	
		<i>For Work In Restricted Working Space, Add</i>	4.25		
		<i>For Installation Above 14', Add</i>	2.12		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25		
26 05 33 13-0483	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.98	7.24	
		<i>For Work In Restricted Working Space, Add</i>	4.34		
		<i>For Installation Above 14', Add</i>	2.17		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.34		
26 05 33 13-0484	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	23.62	7.55	
		<i>For Work In Restricted Working Space, Add</i>	4.53		
		<i>For Installation Above 14', Add</i>	2.27		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.53		
26 05 33 13-0485	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	24.25	7.86	
		<i>For Work In Restricted Working Space, Add</i>	4.72		
		<i>For Installation Above 14', Add</i>	2.36		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72		
26 05 33 13-0486	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	25.82	8.66	
		<i>For Work In Restricted Working Space, Add</i>	5.19		
		<i>For Installation Above 14', Add</i>	2.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.19		
26 05 33 13-0487	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	33.07	10.23	
		<i>For Work In Restricted Working Space, Add</i>	6.14		
		<i>For Installation Above 14', Add</i>	3.07		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14		
<b>26 05 33 13-0488</b>		<b>Rigid Galvanized Steel (RGS) Locknuts</b> <small>(26 05 33 13-0042)</small>			
26 05 33 13-0489	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	1.32	0.63	
		<i>For Work In Restricted Working Space, Add</i>	0.38		
		<i>For Installation Above 14', Add</i>	0.19		
26 05 33 13-0490	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	1.98	0.94	
		<i>For Work In Restricted Working Space, Add</i>	0.57		
		<i>For Installation Above 14', Add</i>	0.28		
26 05 33 13-0491	EA	1" Rigid Galvanized Steel (RGS) Locknuts	3.30	1.57	
		<i>For Work In Restricted Working Space, Add</i>	0.95		
		<i>For Installation Above 14', Add</i>	0.47		
26 05 33 13-0492	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	4.64	2.21	
		<i>For Work In Restricted Working Space, Add</i>	1.32		
		<i>For Installation Above 14', Add</i>	0.66		
26 05 33 13-0493	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	5.35	2.52	
		<i>For Work In Restricted Working Space, Add</i>	1.51		
		<i>For Installation Above 14', Add</i>	0.76		
26 05 33 13-0494	EA	2" Rigid Galvanized Steel (RGS) Locknuts	6.05	2.83	
		<i>For Work In Restricted Working Space, Add</i>	1.70		
		<i>For Installation Above 14', Add</i>	0.85		
26 05 33 13-0495	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	8.56	3.78	
		<i>For Work In Restricted Working Space, Add</i>	2.27		
		<i>For Installation Above 14', Add</i>	1.13		
26 05 33 13-0496	EA	3" Rigid Galvanized Steel (RGS) Locknuts	10.55	4.72	
		<i>For Work In Restricted Working Space, Add</i>	2.83		
		<i>For Installation Above 14', Add</i>	1.42		
26 05 33 13-0497	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	12.55	5.35	
		<i>For Work In Restricted Working Space, Add</i>	3.21		
		<i>For Installation Above 14', Add</i>	1.61		
26 05 33 13-0498	EA	4" Rigid Galvanized Steel (RGS) Locknuts	14.09	5.98	
		<i>For Work In Restricted Working Space, Add</i>	3.59		
		<i>For Installation Above 14', Add</i>	1.79		
<b>26 05 33 13-0499</b>		<b>Rigid Galvanized Steel (RGS) Grounding Locknuts</b> <small>(26 05 33 13-0042)</small>			
26 05 33 13-0500	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	2.18	0.63	
		<i>For Work In Restricted Working Space, Add</i>	0.38		
		<i>For Installation Above 14', Add</i>	0.19		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0501 EA 3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	3.00 0.57 0.28	0.94
26 05 33 13-0502 EA 1" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	4.73 0.95 0.47	1.57
26 05 33 13-0503 EA 1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	6.60 1.32 0.66	2.21
26 05 33 13-0504 EA 1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	7.45 1.51 0.76	2.52
26 05 33 13-0505 EA 2" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	8.82 1.70 0.85	2.83
26 05 33 13-0506 EA 2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	13.40 2.27 1.13	3.78
26 05 33 13-0507 EA 3" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	16.87 2.83 1.42	4.72
26 05 33 13-0508 EA 3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	22.76 3.21 1.61	5.35
26 05 33 13-0509 EA 4" Rigid Galvanized Steel (RGS) Grounding Locknuts ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	27.51 3.59 1.79	5.98
<b>26 05 33 13-0510 Rigid Galvanized Steel (RGS) Insulated Ground Bushing</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0511 EA 1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	6.09 1.13 0.57	1.89
26 05 33 13-0512 EA 3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	7.54 1.51 0.76	2.52
26 05 33 13-0513 EA 1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	9.67 1.89 0.95	3.15
26 05 33 13-0514 EA 1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	13.84 3.02 1.51	5.04
26 05 33 13-0515 EA 1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	15.60 3.40 1.70	5.67
26 05 33 13-0516 EA 2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	17.81 3.78 1.89	6.30
26 05 33 13-0517 EA 2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	25.21 4.53 2.27	7.55
26 05 33 13-0518 EA 3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	30.45 5.67 2.83	9.44
26 05 33 13-0519 EA 3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	37.13 7.55 3.78	12.59
26 05 33 13-0520 EA 4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	44.98 9.44 4.72	15.74
<b>26 05 33 13-0521 Rigid Galvanized Steel (RGS) Threadless Compression Connectors</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0522 EA 1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	12.96 3.40 1.70	5.67
26 05 33 13-0523 EA 3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	15.20 3.78 1.89	6.30
26 05 33 13-0524 EA 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	19.81 4.72 2.36	7.86
26 05 33 13-0525 EA 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	26.55 5.67 2.83	9.44
26 05 33 13-0526 EA 1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	35.79 7.55 3.78	12.59
26 05 33 13-0527 EA 2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	51.84 9.44 4.72	15.74
26 05 33 13-0528 EA 2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	84.73 11.33 5.67	18.89

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0529	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	106.32 13.22 6.61	22.04
26 05 33	13-0530	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	134.86 16.05 8.03	26.75
26 05 33	13-0531	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	162.54 18.89 9.44	31.48
<b>26 05 33 13-0532 Rigid Galvanized Steel (RGS) Compression Coupling (26 05 33 13-0042)</b>					
26 05 33	13-0533	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	18.35 4.72 2.36	7.86
26 05 33	13-0534	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	23.08 5.67 2.83	9.44
26 05 33	13-0535	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	32.48 7.55 3.78	12.59
26 05 33	13-0536	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	42.29 9.44 4.72	15.74
26 05 33	13-0537	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	51.85 11.33 5.67	18.89
26 05 33	13-0538	EA	2" Rigid Galvanized Steel (RGS) Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	74.85 13.22 6.61	22.04
26 05 33	13-0539	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	115.21 15.11 7.56	25.18
26 05 33	13-0540	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	129.34 13.03 6.51	21.72
26 05 33	13-0541	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	179.19 19.83 9.92	33.05
26 05 33	13-0542	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	220.25 22.66 11.33	37.77
<b>26 05 33 13-0543 Rigid Galvanized Steel (RGS) Knock Out Seal (26 05 33 13-0042)</b>					
26 05 33	13-0544	EA	1/2" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	3.35 0.95 0.47	1.57
26 05 33	13-0545	EA	3/4" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	4.04 1.13 0.57	1.89
26 05 33	13-0546	EA	1" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	4.81 1.32 0.66	2.21
26 05 33	13-0547	EA	1-1/4" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	6.20 1.70 0.85	2.83
26 05 33	13-0548	EA	1-1/2" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	7.04 1.89 0.95	3.15
26 05 33	13-0549	EA	2" Snap-in Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	8.60 2.27 1.13	3.78
26 05 33	13-0550	EA	2-1/2" 3-Piece Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	11.89 2.83 1.42	4.72
26 05 33	13-0551	EA	3" 3-Piece Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	13.81 3.21 1.61	5.35
26 05 33	13-0552	EA	3-1/2" 3-Piece Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	15.57 3.59 1.79	5.98
26 05 33	13-0553	EA	4" 3-Piece Knock Out Seal ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	17.99 3.97 1.98	6.61
<b>26 05 33 13-0554 Rigid Galvanized Steel (RGS) Chase Nipples (26 05 33 13-0042)</b>					
26 05 33	13-0555	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85 2.27 1.13 2.27	3.78



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0556 EA 3/4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32 2.65 1.32 2.65	4.40
26 05 33 13-0557 EA 1" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79 3.21 1.61 3.21	5.35
26 05 33 13-0558 EA 1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.49 3.78 1.89 3.78	6.30
26 05 33 13-0559 EA 1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.18 4.72 2.36 4.72	7.86
26 05 33 13-0560 EA 2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.85 5.67 2.83 5.67	9.44
26 05 33 13-0561 EA 2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.57 6.61 3.31 6.61	11.01
26 05 33 13-0562 EA 3" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.91 7.55 3.78 7.55	12.59
26 05 33 13-0563 EA 3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.99 8.50 4.25 8.50	14.16
26 05 33 13-0564 EA 4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.11 9.44 4.72 9.44	15.74
<b>26 05 33 13-0565 Rigid Galvanized Steel (RGS) Pulling Elbow</b> <small>(26 05 33 13-0042)</small>		
26 05 33 13-0566 EA 1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	16.53 3.40 1.70	5.67
26 05 33 13-0567 EA 3/4" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	19.18 3.97 1.98	6.61
26 05 33 13-0568 EA 1" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	25.01 4.53 2.27	7.55
26 05 33 13-0569 EA 1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	32.22 5.67 2.83	9.44
26 05 33 13-0570 EA 1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	43.82 6.80 3.40	11.34
26 05 33 13-0571 EA 2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	59.93 7.93 3.97	13.22
26 05 33 13-0572 EA 2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.50 9.06 4.53	15.11
26 05 33 13-0573 EA 3" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	154.90 11.33 5.67	18.89
<b>26 05 33 13-0574 Electrical Metallic Tubing (EMT) Thinwall Conduit</b> <small>(26 05 33 13-0041)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-0575 Electrical Metallic Tubing (EMT) Thinwall Conduit</b> <small>(26 05 33 13-0574)</small> Note: Includes field bending conduit up to and including 1".		
26 05 33 13-0576 LF 1/2" Electrical Metallic Tubing (EMT) Conduit..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Installation Above 14', Add</i> <i>For &gt;1,000, Deduct</i> <i>For Factory Applied Color Coating, Add</i>	3.11 0.71 0.85 0.28 -0.01 -0.16 0.42 0.42 -0.24 0.08	1.13

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0577	LF	3/4" Electrical Metallic Tubing (EMT) Conduit.....	3.65	1.26
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.79	
			<i>For Work In Restricted Working Space, Add</i>	0.95	
			<i>For Installation In Metal Stud Wall, Add</i>	0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.03	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.20	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
			<i>For Installation Above 14', Add</i>	0.47	
			<i>For &gt;1,000, Deduct</i>	-0.29	
			<i>For Factory Applied Color Coating, Add</i>	0.15	
26 05 33	13-0578	LF	1" Electrical Metallic Tubing (EMT) Conduit.....	4.35	1.38
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.87	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
			<i>For Installation In Metal Stud Wall, Add</i>	0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.04	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.24	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.52	
			<i>For Installation Above 14', Add</i>	0.52	
			<i>For &gt;1,000, Deduct</i>	-0.35	
			<i>For Factory Applied Color Coating, Add</i>	0.27	
26 05 33	13-0579	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit.....	5.15	1.56
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.98	
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation In Metal Stud Wall, Add</i>	0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.29	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.59	
			<i>For Installation Above 14', Add</i>	0.59	
			<i>For &gt;1,000, Deduct</i>	-0.42	
			<i>For Factory Applied Color Coating, Add</i>	0.38	
26 05 33	13-0580	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit.....	5.94	1.77
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.10	
			<i>For Work In Restricted Working Space, Add</i>	1.32	
			<i>For Installation In Metal Stud Wall, Add</i>	0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.34	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.66	
			<i>For Installation Above 14', Add</i>	0.66	
			<i>For &gt;1,000, Deduct</i>	-0.48	
			<i>For Factory Applied Color Coating, Add</i>	0.46	
26 05 33	13-0581	LF	2" Electrical Metallic Tubing (EMT) Conduit.....	6.94	2.02
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.26	
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Installation In Metal Stud Wall, Add</i>	0.50	
			<i>For &gt;250 To 500, Deduct</i>	-0.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.39	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.76	
			<i>For Installation Above 14', Add</i>	0.76	
			<i>For &gt;1,000, Deduct</i>	-0.57	
			<i>For Factory Applied Color Coating, Add</i>	0.57	
26 05 33	13-0582	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit.....	8.85	2.39
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.50	
			<i>For Work In Restricted Working Space, Add</i>	1.79	
			<i>For Installation In Metal Stud Wall, Add</i>	0.60	
			<i>For &gt;250 To 500, Deduct</i>	-0.14	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.51	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.90	
			<i>For Installation Above 14', Add</i>	0.90	
			<i>For &gt;1,000, Deduct</i>	-0.74	
			<i>For Factory Applied Color Coating, Add</i>	0.86	
26 05 33	13-0583	LF	3" Electrical Metallic Tubing (EMT) Conduit.....	10.58	2.77
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.73	
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Installation In Metal Stud Wall, Add</i>	0.69	
			<i>For &gt;250 To 500, Deduct</i>	-0.18	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.62	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.04	
			<i>For Installation Above 14', Add</i>	1.04	
			<i>For &gt;1,000, Deduct</i>	-0.89	
			<i>For Factory Applied Color Coating, Add</i>	1.10	
26 05 33	13-0584	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit.....	13.22	3.27
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.05	
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Installation In Metal Stud Wall, Add</i>	0.82	
			<i>For &gt;250 To 500, Deduct</i>	-0.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.79	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.23	
			<i>For Installation Above 14', Add</i>	1.23	
			<i>For &gt;1,000, Deduct</i>	-1.12	
			<i>For Factory Applied Color Coating, Add</i>	1.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0585 LF 4" Electrical Metallic Tubing (EMT) Conduit.....	17.84	4.92
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	3.08	
<i>For Work In Restricted Working Space, Add</i>	3.70	
<i>For Installation In Metal Stud Wall, Add</i>	1.23	
<i>For &gt;250 To 500, Deduct</i>	-0.28	
<i>For &gt;500 To 1,000, Deduct</i>	-1.03	
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.85	
<i>For Installation Above 14', Add</i>	1.85	
<i>For &gt;1,000, Deduct</i>	-1.48	
<i>For Factory Applied Color Coating, Add</i>	1.66	
<b>26 05 33 13-0586 Electrical Metallic Tubing (EMT) 90 Degree Elbows</b> <small>(26 05 33 13-0574)</small>		
See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0587 EA 1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	8.37	2.77
<i>For Work In Restricted Working Space, Add</i>	2.08	
<i>For Installation Above 14', Add</i>	1.04	
26 05 33 13-0588 EA 3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	9.27	3.02
<i>For Work In Restricted Working Space, Add</i>	2.27	
<i>For Installation Above 14', Add</i>	1.13	
26 05 33 13-0589 EA 1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	10.68	3.52
<i>For Work In Restricted Working Space, Add</i>	2.65	
<i>For Installation Above 14', Add</i>	1.32	
26 05 33 13-0590 EA 1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	12.00	3.78
<i>For Work In Restricted Working Space, Add</i>	2.84	
<i>For Installation Above 14', Add</i>	1.42	
26 05 33 13-0591 EA 1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	14.65	4.53
<i>For Work In Restricted Working Space, Add</i>	3.40	
<i>For Installation Above 14', Add</i>	1.70	
26 05 33 13-0592 EA 2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	19.84	5.79
<i>For Work In Restricted Working Space, Add</i>	4.34	
<i>For Installation Above 14', Add</i>	2.17	
26 05 33 13-0593 EA 2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	30.14	6.55
<i>For Work In Restricted Working Space, Add</i>	4.91	
<i>For Installation Above 14', Add</i>	2.46	
26 05 33 13-0594 EA 3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	37.89	7.30
<i>For Work In Restricted Working Space, Add</i>	5.48	
<i>For Installation Above 14', Add</i>	2.74	
26 05 33 13-0595 EA 3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	45.27	8.05
<i>For Work In Restricted Working Space, Add</i>	6.04	
<i>For Installation Above 14', Add</i>	3.02	
26 05 33 13-0596 EA 4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	85.57	21.55
<i>For Work In Restricted Working Space, Add</i>	16.17	
<i>For Installation Above 14', Add</i>	8.08	
<b>26 05 33 13-0597 Electrical Metallic Tubing (EMT) Set Screw Couplings</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0598 EA 1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	3.32	1.51
<i>For Work In Restricted Working Space, Add</i>	0.95	
<i>For Installation Above 14', Add</i>	0.47	
26 05 33 13-0599 EA 3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	4.06	1.51
<i>For Work In Restricted Working Space, Add</i>	1.13	
<i>For Installation Above 14', Add</i>	0.57	
26 05 33 13-0600 EA 1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	4.90	1.77
<i>For Work In Restricted Working Space, Add</i>	1.32	
<i>For Installation Above 14', Add</i>	0.66	
26 05 33 13-0601 EA 1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	6.55	2.27
<i>For Work In Restricted Working Space, Add</i>	1.70	
<i>For Installation Above 14', Add</i>	0.85	
26 05 33 13-0602 EA 1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	8.20	2.77
<i>For Work In Restricted Working Space, Add</i>	2.08	
<i>For Installation Above 14', Add</i>	1.04	
26 05 33 13-0603 EA 2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	11.11	3.78
<i>For Work In Restricted Working Space, Add</i>	2.83	
<i>For Installation Above 14', Add</i>	1.42	
26 05 33 13-0604 EA 2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	16.21	5.04
<i>For Work In Restricted Working Space, Add</i>	3.78	
<i>For Installation Above 14', Add</i>	1.89	
26 05 33 13-0605 EA 3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	20.15	5.79
<i>For Work In Restricted Working Space, Add</i>	4.72	
<i>For Installation Above 14', Add</i>	2.36	
26 05 33 13-0606 EA 3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	24.25	6.30
<i>For Work In Restricted Working Space, Add</i>	5.67	
<i>For Installation Above 14', Add</i>	2.83	
26 05 33 13-0607 EA 4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	64.10	17.86
<i>For Work In Restricted Working Space, Add</i>	17.34	
<i>For Installation Above 14', Add</i>	8.67	
<b>26 05 33 13-0608 Electrical Metallic Tubing (EMT) Compression Couplings</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0609 EA 1/2 Electrical Metallic Tubing (EMT) Compression Coupling.....	4.41	1.65
<i>For Work In Restricted Working Space, Add</i>	1.24	
<i>For Installation Above 14', Add</i>	0.62	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0610	EA		3/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	4.81	1.77
			<i>For Work In Restricted Working Space, Add</i>	1.32	
			<i>For Installation Above 14', Add</i>	0.66	
26 05 33 13-0611	EA		1" Electrical Metallic Tubing (EMT) Compression Coupling.....	6.99	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Installation Above 14', Add</i>	0.95	
26 05 33 13-0612	EA		1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	8.78	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Installation Above 14', Add</i>	1.13	
26 05 33 13-0613	EA		1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	10.57	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Installation Above 14', Add</i>	1.32	
26 05 33 13-0614	EA		2" Electrical Metallic Tubing (EMT) Compression Coupling.....	13.21	4.28
			<i>For Work In Restricted Working Space, Add</i>	3.21	
			<i>For Installation Above 14', Add</i>	1.61	
26 05 33 13-0615	EA		2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	22.80	6.34
			<i>For Work In Restricted Working Space, Add</i>	4.75	
			<i>For Installation Above 14', Add</i>	2.37	
26 05 33 13-0616	EA		3" Electrical Metallic Tubing (EMT) Compression Coupling.....	26.20	7.05
			<i>For Work In Restricted Working Space, Add</i>	5.29	
			<i>For Installation Above 14', Add</i>	2.64	
26 05 33 13-0617	EA		3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	33.26	8.82
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Installation Above 14', Add</i>	3.31	
26 05 33 13-0618	EA		4" Electrical Metallic Tubing (EMT) Compression Coupling.....	40.55	11.34
			<i>For Work In Restricted Working Space, Add</i>	8.50	
			<i>For Installation Above 14', Add</i>	4.25	
<b>26 05 33 13-0619</b>			<b>Electrical Metallic Tubing (EMT) Box Connectors With Set Screw</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0620	EA		1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	3.34	1.26
			<i>For Work In Restricted Working Space, Add</i>	0.95	
			<i>For Installation Above 14', Add</i>	0.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.95	
26 05 33 13-0621	EA		3/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	4.11	1.51
			<i>For Work In Restricted Working Space, Add</i>	1.13	
			<i>For Installation Above 14', Add</i>	0.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.13	
26 05 33 13-0622	EA		1" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	4.88	1.77
			<i>For Work In Restricted Working Space, Add</i>	1.32	
			<i>For Installation Above 14', Add</i>	0.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.32	
26 05 33 13-0623	EA		1-1/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	7.10	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Installation Above 14', Add</i>	0.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-0624	EA		1-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	8.93	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Installation Above 14', Add</i>	1.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-0625	EA		2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	11.23	3.78
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0626	EA		2-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	16.93	5.04
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Installation Above 14', Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-0627	EA		3" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	20.90	6.30
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0628	EA		3-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	25.02	7.55
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For Installation Above 14', Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 05 33 13-0629	EA		4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	29.13	8.82
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Installation Above 14', Add</i>	3.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
<b>26 05 33 13-0630</b>			<b>Electrical Metallic Tubing (EMT) Insulated Box Connectors With Set Screw</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0631	EA		1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	4.84	1.70
			<i>For Work In Restricted Working Space, Add</i>	1.26	
			<i>For Installation Above 14', Add</i>	0.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.26	
26 05 33 13-0632	EA		3/4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	5.59	1.83
			<i>For Work In Restricted Working Space, Add</i>	1.38	
			<i>For Installation Above 14', Add</i>	0.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.38	
26 05 33 13-0633	EA		1" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	7.28	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.68	
			<i>For Installation Above 14', Add</i>	0.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0634 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	10.10 2.15 1.08 2.15	2.90
26 05 33 13-0635 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.69 2.51 1.26 2.51	3.34
26 05 33 13-0636 EA 2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.31 3.02 1.51 3.02	4.03
26 05 33 13-0637 EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.60 4.19 2.10 4.19	5.61
26 05 33 13-0638 EA 3" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.30 5.59 2.80 5.59	7.43
26 05 33 13-0639 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.36 7.19 3.60 7.19	9.57
26 05 33 13-0640 EA 4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.05 9.44 4.72 9.44	12.59
<b>26 05 33 13-0641 Electrical Metallic Tubing (EMT) Box Compression Connectors</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0642 EA 1/2" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.91 1.13 0.57 1.13	1.51
26 05 33 13-0643 EA 3/4" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95 1.32 0.66 1.32	1.77
26 05 33 13-0644 EA 1" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.76 1.51 0.76 1.51	2.02
26 05 33 13-0645 EA 1-1/4" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.83 2.27 1.13 2.27	3.02
26 05 33 13-0646 EA 1-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.57 2.65 1.32 2.65	3.52
26 05 33 13-0647 EA 2" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.85 3.40 1.70 3.40	4.53
26 05 33 13-0648 EA 2-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.47 4.53 2.27 4.53	6.04
26 05 33 13-0649 EA 3" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.64 5.67 2.83 5.67	7.55
26 05 33 13-0650 EA 3-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	98.24 6.61 3.31 6.61	8.82
26 05 33 13-0651 EA 4" Electrical Metallic Tubing (EMT) Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.89 7.55 3.78 7.55	10.07
<b>26 05 33 13-0652 Electrical Metallic Tubing (EMT) Insulated Box Compression Connectors</b> <small>(26 05 33 13-0574)</small>		
26 05 33 13-0653 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.47 1.26 0.63 1.26	1.70
26 05 33 13-0654 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35 1.38 0.69 1.38	1.83

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0655	EA	1" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	8.62	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.68	
			<i>For Installation Above 14', Add</i>	0.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.68	
26 05 33	13-0656	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	13.20	2.90
			<i>For Work In Restricted Working Space, Add</i>	2.15	
			<i>For Installation Above 14', Add</i>	1.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.15	
26 05 33	13-0657	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	17.13	3.34
			<i>For Work In Restricted Working Space, Add</i>	2.51	
			<i>For Installation Above 14', Add</i>	1.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.51	
26 05 33	13-0658	EA	2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	22.80	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For Installation Above 14', Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.02	
26 05 33	13-0659	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	63.37	5.61
			<i>For Work In Restricted Working Space, Add</i>	4.19	
			<i>For Installation Above 14', Add</i>	2.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.19	
26 05 33	13-0660	EA	3" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	82.28	7.43
			<i>For Work In Restricted Working Space, Add</i>	5.59	
			<i>For Installation Above 14', Add</i>	2.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.59	
26 05 33	13-0661	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	111.90	9.57
			<i>For Work In Restricted Working Space, Add</i>	7.19	
			<i>For Installation Above 14', Add</i>	3.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.19	
26 05 33	13-0662	EA	4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector.....	126.10	12.59
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	
<b>26 05 33</b>	<b>13-0663</b>		<b>Electrical Metallic Tubing (EMT) Expansion Fittings</b> <small>(26 05 33 13-0574)</small>		
			Note: Excludes jumper.		
26 05 33	13-0664	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Fitting.....	46.07	8.38
			<i>For Work In Restricted Working Space, Add</i>	6.29	
			<i>For Installation Above 14', Add</i>	3.14	
26 05 33	13-0665	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Fitting.....	55.37	10.13
			<i>For Work In Restricted Working Space, Add</i>	7.62	
			<i>For Installation Above 14', Add</i>	3.81	
26 05 33	13-0666	EA	1" Electrical Metallic Tubing (EMT) Expansion Fitting.....	69.65	12.72
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Installation Above 14', Add</i>	4.76	
26 05 33	13-0667	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Fitting.....	85.77	15.61
			<i>For Work In Restricted Working Space, Add</i>	11.72	
			<i>For Installation Above 14', Add</i>	5.86	
26 05 33	13-0668	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting.....	109.26	18.32
			<i>For Work In Restricted Working Space, Add</i>	13.74	
			<i>For Installation Above 14', Add</i>	6.87	
26 05 33	13-0669	EA	2" Electrical Metallic Tubing (EMT) Expansion Fitting.....	150.08	22.29
			<i>For Work In Restricted Working Space, Add</i>	16.73	
			<i>For Installation Above 14', Add</i>	8.37	
26 05 33	13-0670	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting.....	220.58	28.64
			<i>For Work In Restricted Working Space, Add</i>	21.49	
			<i>For Installation Above 14', Add</i>	10.74	
26 05 33	13-0671	EA	3" Electrical Metallic Tubing (EMT) Expansion Fitting.....	266.21	33.49
			<i>For Work In Restricted Working Space, Add</i>	25.13	
			<i>For Installation Above 14', Add</i>	12.56	
26 05 33	13-0672	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting.....	342.52	36.51
			<i>For Work In Restricted Working Space, Add</i>	27.39	
			<i>For Installation Above 14', Add</i>	13.70	
26 05 33	13-0673	EA	4" Electrical Metallic Tubing (EMT) Expansion Fitting.....	418.07	40.29
			<i>For Work In Restricted Working Space, Add</i>	30.23	
			<i>For Installation Above 14', Add</i>	15.11	
<b>26 05 33</b>	<b>13-0674</b>		<b>Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters</b> <small>(26 05 33 13-0574)</small>		
26 05 33	13-0675	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter .....	7.09	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.68	
			<i>For Installation Above 14', Add</i>	0.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.68	
26 05 33	13-0676	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	8.32	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.68	
			<i>For Installation Above 14', Add</i>	0.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.68	
26 05 33	13-0677	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	9.74	2.46
			<i>For Work In Restricted Working Space, Add</i>	1.86	
			<i>For Installation Above 14', Add</i>	0.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.86	
26 05 33	13-0678	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	16.33	2.83
			<i>For Work In Restricted Working Space, Add</i>	2.12	
			<i>For Installation Above 14', Add</i>	1.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.12	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0679 EA 1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	19.79 2.57 1.28 2.57	3.40
26 05 33 13-0680 EA 1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.51 2.93 1.47 2.93	3.90
26 05 33 13-0681 EA 2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.72 3.66 1.83 3.66	4.92
<b>26 05 33 13-0682 Intermediate Metal Conduit (IMC)</b> <small>(26 05 33 13-0041)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-0683 Intermediate Metal Conduit (IMC) Conduit</b> <small>(26 05 33 13-0682)</small> Note: Includes field bending conduit up to 1".		
26 05 33 13-0684 LF 1/2" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	3.96 0.79 -0.08 0.47 0.95 0.47 -0.04 0.32 -0.06	1.26
26 05 33 13-0685 LF 3/4" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	4.43 0.87 -0.10 0.52 1.04 0.52 -0.05 0.35 -0.07	1.38
26 05 33 13-0686 LF 1" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	5.27 0.95 -0.15 0.57 1.13 0.57 -0.07 0.38 -0.11	1.51
26 05 33 13-0687 LF 1-1/4" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	6.29 1.10 -0.19 0.66 1.32 0.66 -0.09 0.44 -0.14	3.02
26 05 33 13-0688 LF 1-1/2" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	7.27 1.26 -0.22 0.76 1.51 0.76 -0.11 0.50 -0.17	2.02
26 05 33 13-0689 LF 2" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	8.70 1.42 -0.30 0.85 1.70 0.85 -0.15 0.57 -0.23	2.27
26 05 33 13-0690 LF 2-1/2" Intermediate Metal Conduit (IMC) Conduit ..... <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For &gt;1,000, Deduct</i> <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For &gt;250 To 500, Deduct</i> <i>For Installation In Metal Stub Wall, Add</i> <i>For &gt;500 To 1,000, Deduct</i>	14.26 1.89 -0.67 1.13 2.27 1.13 -0.34 0.76 -0.50	3.02

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0691 LF 3" Intermediate Metal Conduit (IMC) Conduit .....	17.69	3.78
For Installation In Wood Stud Wall (Includes Drilling), Add	2.36	
For >1,000, Deduct	-0.83	
For Installation Above 14', Add	1.42	
For Work In Restricted Working Space, Add	2.83	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.42	
For >250 To 500, Deduct	-0.41	
For Installation In Metal Stud Wall, Add	0.94	
For >500 To 1,000, Deduct	-0.62	
26 05 33 13-0692 LF 3-1/2" Intermediate Metal Conduit (IMC) Conduit .....	20.90	4.53
For Installation In Wood Stud Wall (Includes Drilling), Add	2.84	
For >1,000, Deduct	-0.96	
For Installation Above 14', Add	1.70	
For Work In Restricted Working Space, Add	3.40	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.70	
For >250 To 500, Deduct	-0.48	
For Installation In Metal Stud Wall, Add	1.13	
For >500 To 1,000, Deduct	-0.72	
26 05 33 13-0693 LF 4" Intermediate Metal Conduit (IMC) Conduit .....	24.47	5.29
For Installation In Wood Stud Wall (Includes Drilling), Add	3.31	
For >1,000, Deduct	-1.13	
For Installation Above 14', Add	1.98	
For Work In Restricted Working Space, Add	3.97	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.98	
For >250 To 500, Deduct	-0.56	
For Installation In Metal Stud Wall, Add	1.32	
For >500 To 1,000, Deduct	-0.84	
<b>26 05 33 13-0694 Intermediate Metal Conduit (IMC) 90 Degree Elbows</b> <small>(26 05 33 13-0682)</small>		
See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0695 EA 1" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	30.56	9.51
For Installation Above 14', Add	3.55	
For Work In Restricted Working Space, Add	7.11	
26 05 33 13-0696 EA 1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	37.15	11.01
For Installation Above 14', Add	4.13	
For Work In Restricted Working Space, Add	8.26	
26 05 33 13-0697 EA 1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	43.77	12.65
For Installation Above 14', Add	4.74	
For Work In Restricted Working Space, Add	9.48	
26 05 33 13-0698 EA 2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	52.28	13.91
For Installation Above 14', Add	5.21	
For Work In Restricted Working Space, Add	10.43	
26 05 33 13-0699 EA 2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	73.19	17.37
For Installation Above 14', Add	6.51	
For Work In Restricted Working Space, Add	13.03	
26 05 33 13-0700 EA 3" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	104.73	23.67
For Installation Above 14', Add	8.88	
For Work In Restricted Working Space, Add	17.75	
26 05 33 13-0701 EA 3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	147.17	26.69
For Installation Above 14', Add	10.01	
For Work In Restricted Working Space, Add	20.02	
26 05 33 13-0702 EA 4" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	180.16	34.75
For Installation Above 14', Add	13.03	
For Work In Restricted Working Space, Add	26.06	
<b>26 05 33 13-0703 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut</b> <small>(26 05 33 13-0682)</small>		
26 05 33 13-0704 EA 1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	8.49	3.27
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-0705 EA 3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	9.95	0.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-0706 EA 1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	12.81	4.78
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-0707 EA 1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	15.60	5.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.34	
26 05 33 13-0708 EA 1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	17.35	6.30
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0709 EA 2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	22.17	7.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.85	
26 05 33 13-0710 EA 2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	39.78	12.59
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.44	
26 05 33 13-0711 EA 3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	50.19	17.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.84	
26 05 33 13-0712 EA 3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	64.34	20.39
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.30	
26 05 33 13-0713 EA 4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	75.66	23.67
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.75	
<b>26 05 33 13-0714 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings</b> <small>(26 05 33 13-0682)</small>		
Note: 3-Piece coupling.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0715 EA 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	27.52	10.07
<i>For Installation Above 14', Add</i>	3.78	
<i>For Work In Restricted Working Space, Add</i>	7.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.56	
26 05 33 13-0716 EA 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	31.11	11.26
<i>For Installation Above 14', Add</i>	4.22	
<i>For Work In Restricted Working Space, Add</i>	8.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.44	
26 05 33 13-0717 EA 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	37.07	12.53
<i>For Installation Above 14', Add</i>	4.70	
<i>For Work In Restricted Working Space, Add</i>	9.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	
26 05 33 13-0718 EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	44.85	13.72
<i>For Installation Above 14', Add</i>	5.15	
<i>For Work In Restricted Working Space, Add</i>	10.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.29	
26 05 33 13-0719 EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	50.77	14.99
<i>For Installation Above 14', Add</i>	5.63	
<i>For Work In Restricted Working Space, Add</i>	11.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.26	
26 05 33 13-0720 EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	67.11	16.24
<i>For Installation Above 14', Add</i>	6.10	
<i>For Work In Restricted Working Space, Add</i>	12.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19	
26 05 33 13-0721 EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	107.00	20.14
<i>For Installation Above 14', Add</i>	7.56	
<i>For Work In Restricted Working Space, Add</i>	15.11	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33 13-0722 EA 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	149.31	25.18
<i>For Installation Above 14', Add</i>	9.44	
<i>For Work In Restricted Working Space, Add</i>	18.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.89	
26 05 33 13-0723 EA 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	214.31	30.21
<i>For Installation Above 14', Add</i>	11.34	
<i>For Work In Restricted Working Space, Add</i>	22.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.67	
26 05 33 13-0724 EA 4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	246.06	32.73
<i>For Installation Above 14', Add</i>	12.27	
<i>For Work In Restricted Working Space, Add</i>	24.55	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.55	
<b>26 05 33 13-0725 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors</b> <small>(26 05 33 13-0682)</small>		
26 05 33 13-0726 EA 1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	15.10	5.04
<i>For Installation Above 14', Add</i>	1.89	
<i>For Work In Restricted Working Space, Add</i>	3.78	
26 05 33 13-0727 EA 3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	16.82	5.54
<i>For Installation Above 14', Add</i>	2.08	
<i>For Work In Restricted Working Space, Add</i>	4.16	
26 05 33 13-0728 EA 1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	19.28	6.30
<i>For Installation Above 14', Add</i>	2.36	
<i>For Work In Restricted Working Space, Add</i>	4.72	
26 05 33 13-0729 EA 1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	21.66	6.80
<i>For Installation Above 14', Add</i>	2.55	
<i>For Work In Restricted Working Space, Add</i>	5.10	
26 05 33 13-0730 EA 1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	25.40	7.55
<i>For Installation Above 14', Add</i>	2.83	
<i>For Work In Restricted Working Space, Add</i>	5.67	
26 05 33 13-0731 EA 2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	30.40	8.31
<i>For Installation Above 14', Add</i>	3.12	
<i>For Work In Restricted Working Space, Add</i>	6.23	
26 05 33 13-0732 EA 2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	40.61	10.07
<i>For Installation Above 14', Add</i>	3.78	
<i>For Work In Restricted Working Space, Add</i>	7.55	
26 05 33 13-0733 EA 3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	50.31	12.59
<i>For Installation Above 14', Add</i>	4.72	
<i>For Work In Restricted Working Space, Add</i>	9.44	
26 05 33 13-0734 EA 3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	60.43	15.11
<i>For Installation Above 14', Add</i>	5.67	
<i>For Work In Restricted Working Space, Add</i>	11.33	
26 05 33 13-0735 EA 4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	67.82	16.37
<i>For Installation Above 14', Add</i>	6.14	
<i>For Work In Restricted Working Space, Add</i>	12.28	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0736			<b>Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs</b> <small>(26 05 33 13-0682)</small>		
26 05 33 13-0737	EA		1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	13.64	5.04
			<i>For Installation Above 14', Add</i>	1.89	
			<i>For Work In Restricted Working Space, Add</i>	3.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.78	
26 05 33 13-0738	EA		3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	17.31	6.30
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0739	EA		1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	21.21	7.55
			<i>For Installation Above 14', Add</i>	2.83	
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 05 33 13-0740	EA		1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	25.32	8.82
			<i>For Installation Above 14', Add</i>	3.31	
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
26 05 33 13-0741	EA		1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	29.41	10.07
			<i>For Installation Above 14', Add</i>	3.78	
			<i>For Work In Restricted Working Space, Add</i>	7.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.55	
26 05 33 13-0742	EA		2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	34.45	11.34
			<i>For Installation Above 14', Add</i>	4.25	
			<i>For Work In Restricted Working Space, Add</i>	8.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.50	
26 05 33 13-0743	EA		2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	41.73	12.59
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	
26 05 33 13-0744	EA		3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	48.43	13.85
			<i>For Installation Above 14', Add</i>	5.19	
			<i>For Work In Restricted Working Space, Add</i>	10.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.39	
26 05 33 13-0745	EA		3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	58.82	16.37
			<i>For Installation Above 14', Add</i>	6.14	
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0746	EA		4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	66.64	17.62
			<i>For Installation Above 14', Add</i>	6.61	
			<i>For Work In Restricted Working Space, Add</i>	13.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.22	
26 05 33 13-0747			<b>Intermediate Metal Conduit (IMC) Expansion Fittings</b> <small>(26 05 33 13-0682)</small>		
26 05 33 13-0748	EA		1/2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	70.49	10.07
			<i>For Installation Above 14', Add</i>	3.78	
			<i>For Work In Restricted Working Space, Add</i>	7.56	
26 05 33 13-0749	EA		3/4" Intermediate Metal Conduit (IMC) Expansion Fitting .....	78.16	11.34
			<i>For Installation Above 14', Add</i>	4.25	
			<i>For Work In Restricted Working Space, Add</i>	8.50	
26 05 33 13-0750	EA		1" Intermediate Metal Conduit (IMC) Expansion Fitting .....	86.86	12.59
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Work In Restricted Working Space, Add</i>	9.44	
26 05 33 13-0751	EA		1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting.....	103.72	13.85
			<i>For Installation Above 14', Add</i>	5.19	
			<i>For Work In Restricted Working Space, Add</i>	10.39	
26 05 33 13-0752	EA		1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	125.41	15.11
			<i>For Installation Above 14', Add</i>	5.67	
			<i>For Work In Restricted Working Space, Add</i>	11.33	
26 05 33 13-0753	EA		2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	161.77	16.37
			<i>For Installation Above 14', Add</i>	6.14	
			<i>For Work In Restricted Working Space, Add</i>	12.28	
26 05 33 13-0754	EA		2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	240.19	20.14
			<i>For Installation Above 14', Add</i>	7.56	
			<i>For Work In Restricted Working Space, Add</i>	15.11	
26 05 33 13-0755	EA		3" Intermediate Metal Conduit (IMC) Expansion Fitting .....	289.61	25.18
			<i>For Installation Above 14', Add</i>	9.44	
			<i>For Work In Restricted Working Space, Add</i>	18.89	
26 05 33 13-0756	EA		3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting.....	399.36	30.21
			<i>For Installation Above 14', Add</i>	11.33	
			<i>For Work In Restricted Working Space, Add</i>	22.67	
26 05 33 13-0757	EA		4" Intermediate Metal Conduit (IMC) Expansion Fitting .....	459.89	32.73
			<i>For Installation Above 14', Add</i>	12.27	
			<i>For Work In Restricted Working Space, Add</i>	24.55	
26 05 33 13-0758			<b>Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal</b> <small>(26 05 33 13-0682)</small>		
26 05 33 13-0759	EA		1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	48.91	15.74
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0760 EA 3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	58.24	18.89
For Installation Above 14', Add	5.67	
For Work In Restricted Working Space, Add	11.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.33	
26 05 33 13-0761 EA 1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	70.38	22.04
For Installation Above 14', Add	6.61	
For Work In Restricted Working Space, Add	13.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.22	
26 05 33 13-0762 EA 1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	82.32	25.18
For Installation Above 14', Add	7.56	
For Work In Restricted Working Space, Add	15.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.11	
26 05 33 13-0763 EA 1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	104.77	28.33
For Installation Above 14', Add	8.50	
For Work In Restricted Working Space, Add	17.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.00	
26 05 33 13-0764 EA 2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	125.28	31.48
For Installation Above 14', Add	9.44	
For Work In Restricted Working Space, Add	18.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.89	
26 05 33 13-0765 EA 2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	172.38	37.77
For Installation Above 14', Add	11.33	
For Work In Restricted Working Space, Add	22.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.66	
26 05 33 13-0766 EA 3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	206.43	44.07
For Installation Above 14', Add	13.22	
For Work In Restricted Working Space, Add	26.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.44	
26 05 33 13-0767 EA 3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	441.89	50.37
For Installation Above 14', Add	15.11	
For Work In Restricted Working Space, Add	30.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.22	
26 05 33 13-0768 EA 4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	508.17	56.66
For Installation Above 14', Add	17.00	
For Work In Restricted Working Space, Add	33.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.99	
<b>26 05 33 13-0769 Intermediate Metal Conduit (IMC) Threaded Couplings (26 05 33 13-0682)</b>		
26 05 33 13-0770 EA 1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	8.14	3.02
For Installation Above 14', Add	1.13	
For Work In Restricted Working Space, Add	2.27	
26 05 33 13-0771 EA 3/4" Intermediate Metal Conduit (IMC) Threaded Coupling.....	11.42	4.28
For Installation Above 14', Add	1.61	
For Work In Restricted Working Space, Add	3.21	
26 05 33 13-0772 EA 1" Intermediate Metal Conduit (IMC) Threaded Coupling.....	14.92	5.54
For Installation Above 14', Add	2.08	
For Work In Restricted Working Space, Add	4.15	
26 05 33 13-0773 EA 1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling.....	17.08	6.30
For Installation Above 14', Add	2.36	
For Work In Restricted Working Space, Add	4.72	
26 05 33 13-0774 EA 1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	20.58	7.55
For Installation Above 14', Add	2.83	
For Work In Restricted Working Space, Add	5.66	
26 05 33 13-0775 EA 2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	23.66	8.57
For Installation Above 14', Add	3.21	
For Work In Restricted Working Space, Add	6.43	
26 05 33 13-0776 EA 2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	28.87	9.57
For Installation Above 14', Add	3.59	
For Work In Restricted Working Space, Add	7.17	
26 05 33 13-0777 EA 3" Intermediate Metal Conduit (IMC) Threaded Coupling.....	33.84	10.82
For Installation Above 14', Add	4.06	
For Work In Restricted Working Space, Add	8.12	
26 05 33 13-0778 EA 3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	38.64	11.84
For Installation Above 14', Add	4.44	
For Work In Restricted Working Space, Add	8.88	
26 05 33 13-0779 EA 4" Intermediate Metal Conduit (IMC) Threaded Coupling.....	40.59	12.59
For Installation Above 14', Add	4.72	
For Work In Restricted Working Space, Add	9.44	
<b>26 05 33 13-0780 Intermediate Metal Conduit (IMC) Reducer Bushings (26 05 33 13-0682)</b>		
26 05 33 13-0781 EA 1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing.....	3.82	1.26
For Installation Above 14', Add	0.47	
For Work In Restricted Working Space, Add	0.95	
26 05 33 13-0782 EA 3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing.....	4.20	1.26
For Installation Above 14', Add	0.47	
For Work In Restricted Working Space, Add	0.95	

**26 05 33 13-0783 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit (26 05 33 13-0041)**

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0784			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit</b> <small>(26 05 33 13-0783)</small> Note: Includes field bending for conduit up to 1".		
26 05 33 13-0785	LF		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	8.68	1.77
			For >500 To 1,000, Deduct	-0.54	
			For Work In Restricted Working Space, Add	1.32	
			For Installation Above 14', Add	0.66	
			For >250 To 500, Deduct	-0.32	
			For >1,000, Deduct	-0.76	
26 05 33 13-0786	LF		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	10.00	2.02
			For >500 To 1,000, Deduct	-0.62	
			For Work In Restricted Working Space, Add	1.51	
			For Installation Above 14', Add	0.76	
			For >250 To 500, Deduct	-0.37	
			For >1,000, Deduct	-0.87	
26 05 33 13-0787	LF		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	12.72	2.52
			For >500 To 1,000, Deduct	-0.80	
			For Work In Restricted Working Space, Add	1.89	
			For Installation Above 14', Add	0.95	
			For >250 To 500, Deduct	-0.48	
			For >1,000, Deduct	-1.11	
26 05 33 13-0788	LF		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	15.69	3.02
			For >500 To 1,000, Deduct	-0.99	
			For Work In Restricted Working Space, Add	2.27	
			For Installation Above 14', Add	1.13	
			For >250 To 500, Deduct	-0.60	
			For >1,000, Deduct	-1.38	
26 05 33 13-0789	LF		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	19.34	3.78
			For >500 To 1,000, Deduct	-1.21	
			For Work In Restricted Working Space, Add	2.83	
			For Installation Above 14', Add	1.42	
			For >250 To 500, Deduct	-0.73	
			For >1,000, Deduct	-1.70	
26 05 33 13-0790	LF		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	24.24	4.53
			For >500 To 1,000, Deduct	-1.53	
			For Work In Restricted Working Space, Add	3.40	
			For Installation Above 14', Add	1.70	
			For >250 To 500, Deduct	-0.93	
			For >1,000, Deduct	-2.14	
26 05 33 13-0791	LF		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	32.78	5.29
			For >500 To 1,000, Deduct	-2.13	
			For Work In Restricted Working Space, Add	3.97	
			For Installation Above 14', Add	1.98	
			For >250 To 500, Deduct	-1.31	
			For >1,000, Deduct	-2.95	
26 05 33 13-0792	LF		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	41.03	6.55
			For >500 To 1,000, Deduct	-2.67	
			For Work In Restricted Working Space, Add	4.91	
			For Installation Above 14', Add	2.46	
			For >250 To 500, Deduct	-1.64	
			For >1,000, Deduct	-3.69	
26 05 33 13-0793	LF		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	50.31	8.05
			For >500 To 1,000, Deduct	-3.27	
			For Work In Restricted Working Space, Add	6.04	
			For Installation Above 14', Add	3.02	
			For >250 To 500, Deduct	-2.01	
			For >1,000, Deduct	-4.53	
26 05 33 13-0794	LF		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	59.48	9.57
			For >500 To 1,000, Deduct	-3.86	
			For Work In Restricted Working Space, Add	7.18	
			For Installation Above 14', Add	3.59	
			For >250 To 500, Deduct	-2.38	
			For >1,000, Deduct	-5.35	
26 05 33 13-0795	LF		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	91.35	11.34
			For >500 To 1,000, Deduct	-6.14	
			For Work In Restricted Working Space, Add	8.50	
			For Installation Above 14', Add	4.25	
			For >250 To 500, Deduct	-3.86	
			For >1,000, Deduct	-8.43	
26 05 33 13-0796	LF		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	124.14	15.11
			For >500 To 1,000, Deduct	-8.37	
			For Work In Restricted Working Space, Add	11.33	
			For Installation Above 14', Add	5.67	
			For >250 To 500, Deduct	-5.26	
			For >1,000, Deduct	-11.47	
26 05 33 13-0797			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0798	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	9.44	2.46
			For Work In Restricted Working Space, Add	1.48	
			For Installation Above 14', Add	0.74	
26 05 33 13-0799	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	11.29	3.27
			For Work In Restricted Working Space, Add	1.97	
			For Installation Above 14', Add	0.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0800 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	14.34 2.46 1.23	4.09
26 05 33 13-0801 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	16.17 2.70 1.35	4.50
26 05 33 13-0802 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	19.17 3.19 1.60	5.32
26 05 33 13-0803 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	24.76 3.68 1.84	6.14
26 05 33 13-0804 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	45.61 4.42 2.21	7.36
26 05 33 13-0805 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	57.96 6.14 3.07	10.23
26 05 33 13-0806 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	71.84 7.12 3.56	11.87
26 05 33 13-0807 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	88.99 9.82 4.91	16.37
26 05 33 13-0808 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	228.33 13.51 6.75	22.51
26 05 33 13-0809 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	230.14 7.61 3.81	12.69
<b>26 05 33 13-0810 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows <small>(26 05 33 13-0783)</small></b>		
<i>Note: 90, 45, or 30 degree.</i>		
26 05 33 13-0811 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	36.30 6.14 3.07	10.23
26 05 33 13-0812 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	41.82 7.61 3.81	12.69
26 05 33 13-0813 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	49.96 9.33 4.67	15.55
26 05 33 13-0814 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	59.19 10.80 5.40	18.01
26 05 33 13-0815 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	69.40 12.28 6.14	20.46
26 05 33 13-0816 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	84.76 13.50 6.75	22.51
26 05 33 13-0817 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	131.36 16.94 8.47	28.24
26 05 33 13-0818 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	196.61 23.08 11.54	38.47
26 05 33 13-0819 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	243.79 26.03 13.01	43.37
26 05 33 13-0820 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	278.94 33.88 16.94	56.46
26 05 33 13-0821 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	584.18 55.24 27.62	92.06
26 05 33 13-0822 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	919.64 82.99 41.49	138.31
<b>26 05 33 13-0823 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows <small>(26 05 33 13-0783)</small></b>		
26 05 33 13-0824 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	87.30 9.33 4.67	15.55
26 05 33 13-0825 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	98.17 10.80 5.40	18.01
26 05 33 13-0826 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	112.08 12.28 6.14	20.46

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0827	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	134.01 13.50 6.75	22.51
26 05 33	13-0828	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	187.10 16.94 8.47	28.24
<b>26 05 33 13-0829 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows</b> <small>(26 05 33 13-0783)</small>					
26 05 33	13-0830	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	97.40 9.33 4.67	15.55
26 05 33	13-0831	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	114.86 10.80 5.40	18.01
26 05 33	13-0832	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	124.05 12.28 6.14	20.46
26 05 33	13-0833	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	160.10 13.50 6.75	22.51
26 05 33	13-0834	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	212.25 16.94 8.47	28.24
26 05 33	13-0835	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	271.21 23.08 11.54	38.47
<b>26 05 33 13-0836 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows</b> <small>(26 05 33 13-0783)</small>					
26 05 33	13-0837	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	109.47 9.33 4.67	15.55
26 05 33	13-0838	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	123.55 10.80 5.40	18.01
26 05 33	13-0839	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	139.40 12.28 6.14	20.46
26 05 33	13-0840	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	168.75 13.50 6.75	22.51
26 05 33	13-0841	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	241.16 16.94 8.47	28.24
26 05 33	13-0842	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	305.15 23.08 11.54	38.47
26 05 33	13-0843	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	385.91 26.03 13.01	43.37
26 05 33	13-0844	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	433.78 33.88 16.94	56.46
<b>26 05 33 13-0845 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows</b> <small>(26 05 33 13-0783)</small>					
26 05 33	13-0846	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	130.33 9.33 4.67	15.55
26 05 33	13-0847	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	143.95 10.80 5.40	18.01
26 05 33	13-0848	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	162.56 12.28 6.14	20.46
26 05 33	13-0849	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	202.10 13.50 6.75	22.51
26 05 33	13-0850	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	292.89 16.94 8.47	28.24
26 05 33	13-0851	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	362.65 23.08 11.54	38.47
26 05 33	13-0852	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	421.02 26.03 13.01	43.37
26 05 33	13-0853	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	498.23 33.88 16.94	56.46





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-0854 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows <small>(26 05 33 13-0783)</small></b>						
26 05 33 13-0855	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	146.55	15.55
				<i>For Work In Restricted Working Space, Add</i>	9.33	
				<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-0856	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	162.93	18.01
				<i>For Work In Restricted Working Space, Add</i>	10.80	
				<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-0857	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	185.35	20.46
				<i>For Work In Restricted Working Space, Add</i>	12.28	
				<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0858	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	231.13	22.51
				<i>For Work In Restricted Working Space, Add</i>	13.50	
				<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-0859	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	321.12	28.24
				<i>For Work In Restricted Working Space, Add</i>	16.94	
				<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-0860	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	408.64	38.47
				<i>For Work In Restricted Working Space, Add</i>	23.08	
				<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-0861	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	506.38	43.37
				<i>For Work In Restricted Working Space, Add</i>	26.03	
				<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-0862	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	557.40	56.46
				<i>For Work In Restricted Working Space, Add</i>	33.88	
				<i>For Installation Above 14', Add</i>	16.94	
26 05 33 13-0863	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	929.57	92.06
				<i>For Work In Restricted Working Space, Add</i>	55.24	
				<i>For Installation Above 14', Add</i>	27.62	
<b>26 05 33 13-0864 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows <small>(26 05 33 13-0783)</small></b>						
26 05 33 13-0865	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	167.78	15.55
				<i>For Work In Restricted Working Space, Add</i>	9.33	
				<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-0866	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	185.88	18.01
				<i>For Work In Restricted Working Space, Add</i>	10.80	
				<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-0867	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	210.34	20.46
				<i>For Work In Restricted Working Space, Add</i>	12.28	
				<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0868	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	263.33	22.51
				<i>For Work In Restricted Working Space, Add</i>	13.50	
				<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-0869	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	368.16	28.24
				<i>For Work In Restricted Working Space, Add</i>	16.94	
				<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-0870	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	467.23	38.47
				<i>For Work In Restricted Working Space, Add</i>	23.08	
				<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-0871	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	549.15	43.37
				<i>For Work In Restricted Working Space, Add</i>	26.03	
				<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-0872	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	633.77	56.46
				<i>For Work In Restricted Working Space, Add</i>	33.88	
				<i>For Installation Above 14', Add</i>	16.94	
26 05 33 13-0873	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	983.10	92.06
				<i>For Work In Restricted Working Space, Add</i>	55.24	
				<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-0874	EA			6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,342.60	138.31
				<i>For Work In Restricted Working Space, Add</i>	82.99	
				<i>For Installation Above 14', Add</i>	41.49	
<b>26 05 33 13-0875 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows <small>(26 05 33 13-0783)</small></b>						
26 05 33 13-0876	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	197.32	15.55
				<i>For Work In Restricted Working Space, Add</i>	9.33	
				<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-0877	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	206.33	18.01
				<i>For Work In Restricted Working Space, Add</i>	10.80	
				<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-0878	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	243.78	20.46
				<i>For Work In Restricted Working Space, Add</i>	12.28	
				<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0879	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	308.15	22.51
				<i>For Work In Restricted Working Space, Add</i>	13.50	
				<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-0880	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	431.58	28.24
				<i>For Work In Restricted Working Space, Add</i>	16.94	
				<i>For Installation Above 14', Add</i>	8.47	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0881	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	546.23	38.47
			<i>For Work In Restricted Working Space, Add</i>	23.08	
			<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-0882	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	668.06	43.37
			<i>For Work In Restricted Working Space, Add</i>	26.03	
			<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-0883	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	782.36	56.46
			<i>For Work In Restricted Working Space, Add</i>	33.88	
			<i>For Installation Above 14', Add</i>	16.94	
26 05 33 13-0884	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,157.70	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-0885	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,422.75	138.31
			<i>For Work In Restricted Working Space, Add</i>	82.99	
			<i>For Installation Above 14', Add</i>	41.49	
<b>26 05 33 13-0886 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows</b> <small>(26 05 33 13-0783)</small>					
26 05 33 13-0887	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	204.44	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-0888	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	240.92	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-0889	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	272.71	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-0890	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	321.64	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-0891	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	447.42	28.24
			<i>For Work In Restricted Working Space, Add</i>	16.94	
			<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-0892	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	570.52	38.47
			<i>For Work In Restricted Working Space, Add</i>	23.08	
			<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-0893	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	732.82	43.37
			<i>For Work In Restricted Working Space, Add</i>	26.03	
			<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-0894	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	816.06	56.46
			<i>For Work In Restricted Working Space, Add</i>	33.88	
			<i>For Installation Above 14', Add</i>	16.94	
26 05 33 13-0895	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	1,204.60	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-0896	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	1,463.47	138.31
			<i>For Work In Restricted Working Space, Add</i>	82.99	
			<i>For Installation Above 14', Add</i>	41.49	
<b>26 05 33 13-0897 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings</b> <small>(26 05 33 13-0783)</small>					
26 05 33 13-0898	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	73.73	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0899	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	89.82	13.50
			<i>For Work In Restricted Working Space, Add</i>	8.10	
			<i>For Installation Above 14', Add</i>	4.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0900	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	120.81	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0901	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	201.66	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0902	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	222.42	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Installation Above 14', Add</i>	6.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0903	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	282.47	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0904	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	783.85	28.24
			<i>For Work In Restricted Working Space, Add</i>	16.94	
			<i>For Installation Above 14', Add</i>	8.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0905 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	933.53	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0906 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,238.05	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0907 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0908 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	70.49	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0909 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	86.16	13.50
<i>For Work In Restricted Working Space, Add</i>	8.10	
<i>For Installation Above 14', Add</i>	4.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0910 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	120.81	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0911 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	199.78	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0912 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	214.82	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0913 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	282.56	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0914 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	751.45	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33 13-0915 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	909.89	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0916 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	1,238.00	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0917 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0918 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	63.32	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0919 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	75.28	13.50
<i>For Work In Restricted Working Space, Add</i>	8.10	
<i>For Installation Above 14', Add</i>	4.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0920 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	89.00	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0921 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	128.19	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0922 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	149.99	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0923 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	235.71	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0924 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	661.23	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0925	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	741.36	38.47
			<i>For Work In Restricted Working Space, Add</i>	23.08	
			<i>For Installation Above 14', Add</i>	11.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0926	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting.....	943.54	56.46
			<i>For Work In Restricted Working Space, Add</i>	33.88	
			<i>For Installation Above 14', Add</i>	16.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0927</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0928	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	111.29	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0929	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	168.56	13.50
			<i>For Work In Restricted Working Space, Add</i>	8.10	
			<i>For Installation Above 14', Add</i>	4.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0930	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	212.54	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0931	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	245.31	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0932	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	278.60	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Installation Above 14', Add</i>	6.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0933	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	368.56	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0934	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	1,178.24	28.24
			<i>For Work In Restricted Working Space, Add</i>	16.94	
			<i>For Installation Above 14', Add</i>	8.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33 13-0935	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	1,373.37	38.47
			<i>For Work In Restricted Working Space, Add</i>	23.08	
			<i>For Installation Above 14', Add</i>	11.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0936	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	1,684.60	56.46
			<i>For Work In Restricted Working Space, Add</i>	33.88	
			<i>For Installation Above 14', Add</i>	16.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0937</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0938	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	124.02	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0939	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	180.58	13.50
			<i>For Work In Restricted Working Space, Add</i>	8.10	
			<i>For Installation Above 14', Add</i>	4.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0940	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	214.83	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0941	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	249.08	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0942 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	288.93	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0943 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	459.41	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0944 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,315.31	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33 13-0945 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,851.94	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0946 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,926.86	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0947 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0948 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	97.26	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33 13-0949 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	122.46	13.50
<i>For Work In Restricted Working Space, Add</i>	8.10	
<i>For Installation Above 14', Add</i>	4.05	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.10	
26 05 33 13-0950 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	146.99	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.33	
26 05 33 13-0951 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	162.55	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0952 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	220.51	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.28	
26 05 33 13-0953 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	314.41	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0954 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	1,064.70	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33 13-0955 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	1,195.84	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.08	
26 05 33 13-0956 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fitting.....	1,416.55	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.88	
<b>26 05 33 13-0957 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover</b> <small>(26 05 33 13-0783)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0958 EA 1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	83.64	19.64
<i>For Work In Restricted Working Space, Add</i>	11.78	
<i>For Installation Above 14', Add</i>	5.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.78	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0959	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	94.20	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-0960	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	117.38	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-0961	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	155.29	29.87
		<i>For Work In Restricted Working Space, Add</i>	17.92	
		<i>For Installation Above 14', Add</i>	8.96	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.92	
26 05 33 13-0962	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	182.15	32.73
		<i>For Work In Restricted Working Space, Add</i>	19.64	
		<i>For Installation Above 14', Add</i>	9.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.64	
26 05 33 13-0963	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	250.58	39.28
		<i>For Work In Restricted Working Space, Add</i>	23.57	
		<i>For Installation Above 14', Add</i>	11.78	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.57	
26 05 33 13-0964	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	426.16	55.24
		<i>For Work In Restricted Working Space, Add</i>	33.14	
		<i>For Installation Above 14', Add</i>	16.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.14	
26 05 33 13-0965	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	544.43	73.66
		<i>For Work In Restricted Working Space, Add</i>	44.20	
		<i>For Installation Above 14', Add</i>	22.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.20	
26 05 33 13-0966	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	761.10	92.06
		<i>For Work In Restricted Working Space, Add</i>	55.24	
		<i>For Installation Above 14', Add</i>	27.62	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.24	
26 05 33 13-0967	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	870.97	112.12
		<i>For Work In Restricted Working Space, Add</i>	67.27	
		<i>For Installation Above 14', Add</i>	33.64	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.27	
26 05 33 13-0968		<b>Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover</b> <small>(26 05 33 13-0783)</small>		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0969	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	109.24	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-0970	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	124.83	28.64
		<i>For Work In Restricted Working Space, Add</i>	17.19	
		<i>For Installation Above 14', Add</i>	8.59	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.19	
26 05 33 13-0971	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	153.99	31.51
		<i>For Work In Restricted Working Space, Add</i>	18.90	
		<i>For Installation Above 14', Add</i>	9.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.90	
26 05 33 13-0972	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	209.86	36.01
		<i>For Work In Restricted Working Space, Add</i>	21.60	
		<i>For Installation Above 14', Add</i>	10.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.60	
26 05 33 13-0973	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	249.43	39.28
		<i>For Work In Restricted Working Space, Add</i>	23.57	
		<i>For Installation Above 14', Add</i>	11.78	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.57	
26 05 33 13-0974	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	342.00	48.29
		<i>For Work In Restricted Working Space, Add</i>	28.97	
		<i>For Installation Above 14', Add</i>	14.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.97	
26 05 33 13-0975		<b>Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover</b> <small>(26 05 33 13-0783)</small>		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0976	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	96.22	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0977 EA 3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	109.57	26.19
<i>For Work In Restricted Working Space, Add</i>	15.71	
<i>For Installation Above 14', Add</i>	7.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.71	
26 05 33 13-0978 EA 1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	133.91	28.64
<i>For Work In Restricted Working Space, Add</i>	17.19	
<i>For Installation Above 14', Add</i>	8.59	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.19	
26 05 33 13-0979 EA 1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	173.33	32.73
<i>For Work In Restricted Working Space, Add</i>	19.64	
<i>For Installation Above 14', Add</i>	9.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.64	
26 05 33 13-0980 EA 1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	206.72	36.01
<i>For Work In Restricted Working Space, Add</i>	21.61	
<i>For Installation Above 14', Add</i>	10.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.61	
26 05 33 13-0981 EA 2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	279.89	42.15
<i>For Work In Restricted Working Space, Add</i>	25.29	
<i>For Installation Above 14', Add</i>	12.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.29	
26 05 33 13-0982 EA 2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	453.17	61.38
<i>For Work In Restricted Working Space, Add</i>	36.83	
<i>For Installation Above 14', Add</i>	18.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.83	
26 05 33 13-0983 EA 3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	600.49	79.80
<i>For Work In Restricted Working Space, Add</i>	47.87	
<i>For Installation Above 14', Add</i>	23.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.87	
26 05 33 13-0984 EA 3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	830.14	98.20
<i>For Work In Restricted Working Space, Add</i>	58.92	
<i>For Installation Above 14', Add</i>	29.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.92	
26 05 33 13-0985 EA 4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	924.03	118.26
<i>For Work In Restricted Working Space, Add</i>	70.96	
<i>For Installation Above 14', Add</i>	35.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.96	
<b>26 05 33 13-0986 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0987 EA 1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	14.15	2.46
<i>For Work In Restricted Working Space, Add</i>	1.48	
<i>For Installation Above 14', Add</i>	0.74	
26 05 33 13-0988 EA 3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	15.92	2.87
<i>For Work In Restricted Working Space, Add</i>	1.72	
<i>For Installation Above 14', Add</i>	0.86	
26 05 33 13-0989 EA 1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	20.73	3.68
<i>For Work In Restricted Working Space, Add</i>	2.21	
<i>For Installation Above 14', Add</i>	1.10	
26 05 33 13-0990 EA 1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	26.53	4.50
<i>For Work In Restricted Working Space, Add</i>	2.70	
<i>For Installation Above 14', Add</i>	1.35	
26 05 33 13-0991 EA 1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	29.87	5.32
<i>For Work In Restricted Working Space, Add</i>	3.19	
<i>For Installation Above 14', Add</i>	1.60	
26 05 33 13-0992 EA 2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	36.72	6.14
<i>For Work In Restricted Working Space, Add</i>	3.68	
<i>For Installation Above 14', Add</i>	1.84	
26 05 33 13-0993 EA 2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	46.96	6.95
<i>For Work In Restricted Working Space, Add</i>	4.17	
<i>For Installation Above 14', Add</i>	2.09	
26 05 33 13-0994 EA 3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	52.69	9.82
<i>For Work In Restricted Working Space, Add</i>	5.89	
<i>For Installation Above 14', Add</i>	2.95	
26 05 33 13-0995 EA 3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	63.54	11.04
<i>For Work In Restricted Working Space, Add</i>	6.63	
<i>For Installation Above 14', Add</i>	3.32	
26 05 33 13-0996 EA 4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	69.27	13.91
<i>For Work In Restricted Working Space, Add</i>	8.35	
<i>For Installation Above 14', Add</i>	4.17	
<b>26 05 33 13-0997 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-0998 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	95.57	19.64
<i>For Work In Restricted Working Space, Add</i>	11.78	
<i>For Installation Above 14', Add</i>	5.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.78	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0999	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	105.55	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-1000	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	123.47	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Installation Above 14', Add</i>	7.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-1001	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	146.84	29.87
			<i>For Work In Restricted Working Space, Add</i>	17.92	
			<i>For Installation Above 14', Add</i>	8.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.92	
26 05 33 13-1002	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	184.53	32.73
			<i>For Work In Restricted Working Space, Add</i>	19.64	
			<i>For Installation Above 14', Add</i>	9.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.64	
26 05 33 13-1003	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	223.78	39.28
			<i>For Work In Restricted Working Space, Add</i>	23.57	
			<i>For Installation Above 14', Add</i>	11.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.57	
26 05 33 13-1004	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	324.72	55.24
			<i>For Work In Restricted Working Space, Add</i>	33.14	
			<i>For Installation Above 14', Add</i>	16.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.14	
26 05 33 13-1005	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	415.26	73.66
			<i>For Work In Restricted Working Space, Add</i>	44.19	
			<i>For Installation Above 14', Add</i>	22.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.19	
26 05 33 13-1006	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	852.57	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.24	
26 05 33 13-1007	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,257.49	112.12
			<i>For Work In Restricted Working Space, Add</i>	67.27	
			<i>For Installation Above 14', Add</i>	33.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.27	
<b>26 05 33 13-1008</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1009	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	168.84	19.64
			<i>For Work In Restricted Working Space, Add</i>	11.78	
			<i>For Installation Above 14', Add</i>	5.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.78	
26 05 33 13-1010	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	181.30	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-1011	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	207.00	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Installation Above 14', Add</i>	7.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-1012	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	231.32	29.87
			<i>For Work In Restricted Working Space, Add</i>	17.92	
			<i>For Installation Above 14', Add</i>	8.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.92	
26 05 33 13-1013	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	281.78	32.73
			<i>For Work In Restricted Working Space, Add</i>	19.64	
			<i>For Installation Above 14', Add</i>	9.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.64	
26 05 33 13-1014	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	316.29	39.28
			<i>For Work In Restricted Working Space, Add</i>	23.57	
			<i>For Installation Above 14', Add</i>	11.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.57	
26 05 33 13-1015	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	445.01	55.24
			<i>For Work In Restricted Working Space, Add</i>	33.14	
			<i>For Installation Above 14', Add</i>	16.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.14	
26 05 33 13-1016	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	621.26	73.66
			<i>For Work In Restricted Working Space, Add</i>	44.19	
			<i>For Installation Above 14', Add</i>	22.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.19	
26 05 33 13-1017	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	912.39	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.24	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1018 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,335.77 67.27 33.64 67.27	112.12
<b>26 05 33 13-1019 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1020 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.57 11.78 5.89 11.78	19.64
26 05 33 13-1021 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.80 13.50 6.75 13.50	22.51
26 05 33 13-1022 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	162.95 15.47 7.73 15.47	25.78
26 05 33 13-1023 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	181.36 17.92 8.96 17.92	29.87
26 05 33 13-1024 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.69 19.64 9.82 19.64	32.73
26 05 33 13-1025 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	318.05 23.57 11.78 23.57	39.28
26 05 33 13-1026 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	496.16 33.14 16.57 33.14	55.24
26 05 33 13-1027 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	725.33 44.19 22.10 44.19	73.66
26 05 33 13-1028 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	912.39 55.24 27.62 55.24	92.06
<b>26 05 33 13-1029 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1030 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	179.19 11.78 5.89 11.78	19.64
26 05 33 13-1031 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	198.57 13.50 6.75 13.50	22.51
26 05 33 13-1032 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	246.96 15.47 7.73 15.47	25.78
26 05 33 13-1033 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	305.21 17.92 8.96 17.92	29.87
26 05 33 13-1034 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	427.67 19.64 9.82 19.64	32.73
26 05 33 13-1035 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	512.53 23.57 11.78 23.57	39.28
<b>26 05 33 13-1036 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings</b> <small>(26 05 33 13-0783)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1037	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	32.88 4.72 2.36	7.86
26 05 33 13-1038	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	44.01 5.67 2.83	9.44
26 05 33 13-1039	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	55.68 7.55 3.78	12.59
26 05 33 13-1040	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	77.25 9.44 4.72	15.74
26 05 33 13-1041	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	102.07 11.33 5.67	18.89
26 05 33 13-1042	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	180.03 13.22 6.61	22.04
26 05 33 13-1043	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	264.43 15.11 7.56	25.18
26 05 33 13-1044	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	331.16 17.00 8.50	28.33
26 05 33 13-1045	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	463.58 19.83 9.92	33.05
26 05 33 13-1046	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	563.83 22.66 11.33	37.77
26 05 33 13-1047	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	902.69 35.88 17.94	59.80
26 05 33 13-1048	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,230.04 54.77 27.38	91.28
<b>26 05 33 13-1049</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows <small>(26 05 33 13-0783)</small></b>		
26 05 33 13-1050	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	125.52 11.78 5.89	19.64
26 05 33 13-1051	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	149.02 13.01 6.51	21.69
26 05 33 13-1052	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	163.68 15.47 7.73	25.78
26 05 33 13-1053	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	238.16 17.92 8.96	29.87
26 05 33 13-1054	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	316.89 19.64 9.82	32.73
26 05 33 13-1055	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	340.42 23.57 11.78	39.28
26 05 33 13-1056	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	819.80 32.66 16.33	54.42
26 05 33 13-1057	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	858.43 44.20 22.10	73.66
26 05 33 13-1058	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,415.91 55.25 27.62	92.06
26 05 33 13-1059	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,467.96 67.28 33.64	112.12
<b>26 05 33 13-1060</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows <small>(26 05 33 13-0783)</small></b>		
26 05 33 13-1061	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	186.90 11.78 5.89	19.64
26 05 33 13-1062	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	212.86 13.50 6.75	22.51



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1063 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	427.72	25.78
<i>For Work In Restricted Working Space, Add</i>	15.47	
<i>For Installation Above 14', Add</i>	7.73	
26 05 33 13-1064 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	447.52	29.87
<i>For Work In Restricted Working Space, Add</i>	17.92	
<i>For Installation Above 14', Add</i>	8.96	
26 05 33 13-1065 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	615.12	32.73
<i>For Work In Restricted Working Space, Add</i>	19.64	
<i>For Installation Above 14', Add</i>	9.82	
26 05 33 13-1066 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	654.28	39.28
<i>For Work In Restricted Working Space, Add</i>	23.57	
<i>For Installation Above 14', Add</i>	11.78	
26 05 33 13-1067 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,266.50	55.24
<i>For Work In Restricted Working Space, Add</i>	33.14	
<i>For Installation Above 14', Add</i>	16.57	
26 05 33 13-1068 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,326.18	73.66
<i>For Work In Restricted Working Space, Add</i>	44.19	
<i>For Installation Above 14', Add</i>	22.10	
26 05 33 13-1069 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	1,949.47	92.06
<i>For Work In Restricted Working Space, Add</i>	55.24	
<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-1070 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	2,204.16	112.12
<i>For Work In Restricted Working Space, Add</i>	67.27	
<i>For Installation Above 14', Add</i>	33.64	
<b>26 05 33 13-1071 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1072 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	70.57	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1073 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	81.79	12.69
<i>For Work In Restricted Working Space, Add</i>	7.61	
<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1074 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	97.25	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1075 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow.....	114.95	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
<b>26 05 33 13-1076 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1077 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	54.58	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1078 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	62.60	12.69
<i>For Work In Restricted Working Space, Add</i>	7.61	
<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1079 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	87.90	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1080 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	115.02	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-1081 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	140.84	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-1082 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	205.67	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1083 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	282.21	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1084			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1085	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	70.60	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1086	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	84.00	12.69
			<i>For Work In Restricted Working Space, Add</i>	7.61	
			<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1087	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	97.27	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1088	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	114.99	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-1089			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1090	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	54.63	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1091	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	62.60	12.69
			<i>For Work In Restricted Working Space, Add</i>	7.61	
			<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1092	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	81.28	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1093	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	102.16	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-1094	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	119.90	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-1095	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	138.58	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1096	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	265.10	28.24
			<i>For Work In Restricted Working Space, Add</i>	16.94	
			<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-1097	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	301.07	38.47
			<i>For Work In Restricted Working Space, Add</i>	23.08	
			<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-1098	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	323.97	43.37
			<i>For Work In Restricted Working Space, Add</i>	26.03	
			<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-1099	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	398.35	56.46
			<i>For Work In Restricted Working Space, Add</i>	33.88	
			<i>For Installation Above 14', Add</i>	16.94	
26 05 33 13-1100			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1101	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	115.16	19.64
			<i>For Work In Restricted Working Space, Add</i>	11.78	
			<i>For Installation Above 14', Add</i>	5.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.78	
26 05 33 13-1102	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	123.88	22.51
			<i>For Work In Restricted Working Space, Add</i>	13.50	
			<i>For Installation Above 14', Add</i>	6.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50	
26 05 33 13-1103	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	135.09	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Installation Above 14', Add</i>	7.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 05 33 13-1104	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	183.59	29.87
			<i>For Work In Restricted Working Space, Add</i>	17.92	
			<i>For Installation Above 14', Add</i>	8.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.92	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1105 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.99 19.64 9.82 19.64	32.73
<b>26 05 33 13-1106 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1107 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	140.50 11.78 5.89	19.64
26 05 33 13-1108 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	150.77 13.50 6.75	22.51
26 05 33 13-1109 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	176.47 15.47 7.73	25.78
26 05 33 13-1110 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	255.41 17.92 8.96	29.87
26 05 33 13-1111 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	422.10 19.64 9.82	32.73
26 05 33 13-1112 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	454.30 23.57 11.78	39.28
<b>26 05 33 13-1113 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1114 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	154.88 11.78 5.89	19.64
26 05 33 13-1115 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	174.75 13.50 6.75	22.51
26 05 33 13-1116 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	190.16 15.47 7.73	25.78
26 05 33 13-1117 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	269.32 17.92 8.96	29.87
26 05 33 13-1118 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	455.26 19.64 9.82	32.73
26 05 33 13-1119 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	484.74 23.57 11.78	39.28
<b>26 05 33 13-1120 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1121 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	154.99 11.78 5.89	19.64
26 05 33 13-1122 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	170.51 13.50 6.75	22.51
26 05 33 13-1123 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	203.36 15.47 7.73	25.78
26 05 33 13-1124 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	279.91 17.92 8.96	29.87

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1125	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover.....	471.07	32.73
		<i>For Work In Restricted Working Space, Add</i>	19.64	
		<i>For Installation Above 14', Add</i>	9.82	
26 05 33 13-1126	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover.....	504.23	39.28
		<i>For Work In Restricted Working Space, Add</i>	23.57	
		<i>For Installation Above 14', Add</i>	11.78	
<b>26 05 33 13-1127</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1128	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover.....	194.80	19.64
		<i>For Work In Restricted Working Space, Add</i>	11.78	
		<i>For Installation Above 14', Add</i>	5.89	
26 05 33 13-1129	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover.....	214.76	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1130	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover.....	232.14	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
26 05 33 13-1131	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover.....	601.63	29.87
		<i>For Work In Restricted Working Space, Add</i>	17.92	
		<i>For Installation Above 14', Add</i>	8.96	
<b>26 05 33 13-1132</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes</b> <small>(26 05 33 13-0783)</small>		
		Note: Excludes cover.		
26 05 33 13-1133	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	88.66	19.64
		<i>For Work In Restricted Working Space, Add</i>	11.78	
		<i>For Installation Above 14', Add</i>	5.89	
26 05 33 13-1134	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	97.06	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1135	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	108.07	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
26 05 33 13-1136	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	99.45	19.64
		<i>For Work In Restricted Working Space, Add</i>	11.78	
		<i>For Installation Above 14', Add</i>	5.89	
26 05 33 13-1137	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	106.50	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1138	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	121.19	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
<b>26 05 33 13-1139</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes</b> <small>(26 05 33 13-0783)</small>		
		Note: Excludes cover.		
26 05 33 13-1140	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	93.76	19.64
		<i>For Work In Restricted Working Space, Add</i>	11.78	
		<i>For Installation Above 14', Add</i>	5.89	
26 05 33 13-1141	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	102.80	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1142	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	112.04	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
26 05 33 13-1143	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	106.75	19.64
		<i>For Work In Restricted Working Space, Add</i>	11.78	
		<i>For Installation Above 14', Add</i>	5.89	
26 05 33 13-1144	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	115.92	22.51
		<i>For Work In Restricted Working Space, Add</i>	13.50	
		<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1145	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	130.88	25.78
		<i>For Work In Restricted Working Space, Add</i>	15.47	
		<i>For Installation Above 14', Add</i>	7.73	
<b>26 05 33 13-1146</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1147	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover.....	35.47	2.46
		<i>For Work In Restricted Working Space, Add</i>	1.48	
		<i>For Installation Above 14', Add</i>	0.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1148 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	48.47 1.72 0.86	2.87
26 05 33 13-1149 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	45.67 1.72 0.86	2.87
26 05 33 13-1150 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	40.43 1.72 0.86	2.87
26 05 33 13-1151 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	202.11 2.46 1.23	4.09
26 05 33 13-1152 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	179.42 2.46 1.23	4.09
<b>26 05 33 13-1153 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies <small>(26 05 33 13-0783)</small></b> Note: Includes covers.		
26 05 33 13-1154 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	200.44 15.47 7.73	25.78
26 05 33 13-1155 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.68 17.92 8.96	29.87
26 05 33 13-1156 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	314.47 19.64 9.82	32.73
26 05 33 13-1157 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	374.58 23.57 11.78	39.28
26 05 33 13-1158 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	541.89 33.14 16.57	55.24
26 05 33 13-1159 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	681.79 44.19 22.10	73.66
26 05 33 13-1160 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,007.30 55.24 27.62	92.06
26 05 33 13-1161 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,250.92 67.27 33.64	112.12
26 05 33 13-1162 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	200.44 15.47 7.73	25.78
26 05 33 13-1163 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.68 17.92 8.96	29.87
26 05 33 13-1164 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	313.56 19.64 9.82	32.73
26 05 33 13-1165 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	365.34 23.57 11.78	39.28
26 05 33 13-1166 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	550.40 33.14 16.57	55.24
26 05 33 13-1167 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	719.95 44.19 22.10	73.66
26 05 33 13-1168 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,053.37 55.24 27.62	92.06
26 05 33 13-1169 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,279.61 67.27 33.64	112.12
26 05 33 13-1170 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	200.44 15.47 7.73	25.78
26 05 33 13-1171 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.68 17.92 8.96	29.87
26 05 33 13-1172 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	313.56 19.64 9.82	32.73
26 05 33 13-1173 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	365.34 23.57 11.78	39.28
26 05 33 13-1174 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	550.40 33.14 16.57	55.24

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1175	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body.....	719.95	73.66
			<i>For Work In Restricted Working Space, Add</i>	44.19	
			<i>For Installation Above 14', Add</i>	22.10	
26 05 33 13-1176	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	1,053.37	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-1177	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body.....	1,279.61	112.12
			<i>For Work In Restricted Working Space, Add</i>	67.27	
			<i>For Installation Above 14', Add</i>	33.64	
26 05 33 13-1178	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	200.44	25.78
			<i>For Work In Restricted Working Space, Add</i>	15.47	
			<i>For Installation Above 14', Add</i>	7.73	
26 05 33 13-1179	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	224.68	29.87
			<i>For Work In Restricted Working Space, Add</i>	17.92	
			<i>For Installation Above 14', Add</i>	8.96	
26 05 33 13-1180	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	314.47	32.73
			<i>For Work In Restricted Working Space, Add</i>	19.64	
			<i>For Installation Above 14', Add</i>	9.82	
26 05 33 13-1181	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	370.31	39.28
			<i>For Work In Restricted Working Space, Add</i>	23.57	
			<i>For Installation Above 14', Add</i>	11.78	
26 05 33 13-1182	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	541.89	55.24
			<i>For Work In Restricted Working Space, Add</i>	33.14	
			<i>For Installation Above 14', Add</i>	16.57	
26 05 33 13-1183	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	681.79	73.66
			<i>For Work In Restricted Working Space, Add</i>	44.19	
			<i>For Installation Above 14', Add</i>	22.10	
26 05 33 13-1184	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,007.30	92.06
			<i>For Work In Restricted Working Space, Add</i>	55.24	
			<i>For Installation Above 14', Add</i>	27.62	
26 05 33 13-1185	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,262.87	112.12
			<i>For Work In Restricted Working Space, Add</i>	67.27	
			<i>For Installation Above 14', Add</i>	33.64	
<b>26 05 33 13-1186</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1187	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	104.36	3.68
			<i>For Work In Restricted Working Space, Add</i>	2.21	
			<i>For Installation Above 14', Add</i>	1.10	
26 05 33 13-1188	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	105.19	4.09
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Installation Above 14', Add</i>	1.23	
26 05 33 13-1189	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	148.72	5.73
			<i>For Work In Restricted Working Space, Add</i>	3.44	
			<i>For Installation Above 14', Add</i>	1.72	
26 05 33 13-1190	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	150.35	6.55
			<i>For Work In Restricted Working Space, Add</i>	3.93	
			<i>For Installation Above 14', Add</i>	1.96	
26 05 33 13-1191	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	264.62	7.77
			<i>For Work In Restricted Working Space, Add</i>	4.67	
			<i>For Installation Above 14', Add</i>	2.33	
26 05 33 13-1192	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	268.71	9.82
			<i>For Work In Restricted Working Space, Add</i>	5.89	
			<i>For Installation Above 14', Add</i>	2.95	
26 05 33 13-1193	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	406.66	11.04
			<i>For Work In Restricted Working Space, Add</i>	6.63	
			<i>For Installation Above 14', Add</i>	3.32	
26 05 33 13-1194	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	413.20	14.32
			<i>For Work In Restricted Working Space, Add</i>	8.59	
			<i>For Installation Above 14', Add</i>	4.30	
<b>26 05 33 13-1195</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1196	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	177.72	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1197	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	209.66	12.69
			<i>For Work In Restricted Working Space, Add</i>	7.61	
			<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1198	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	247.90	15.55
			<i>For Work In Restricted Working Space, Add</i>	9.33	
			<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1199	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	305.99	18.01
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-1200	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	410.92	20.46
			<i>For Work In Restricted Working Space, Add</i>	12.28	
			<i>For Installation Above 14', Add</i>	6.14	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1201 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	571.94	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1202 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	818.83	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-1203 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,016.44	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-1204 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,431.59	43.37
<i>For Work In Restricted Working Space, Add</i>	26.03	
<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-1205 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,646.61	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<b>26 05 33 13-1206 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1207 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	285.45	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
26 05 33 13-1208 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	295.35	12.69
<i>For Work In Restricted Working Space, Add</i>	7.61	
<i>For Installation Above 14', Add</i>	3.81	
26 05 33 13-1209 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	331.05	15.55
<i>For Work In Restricted Working Space, Add</i>	9.33	
<i>For Installation Above 14', Add</i>	4.67	
26 05 33 13-1210 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	401.01	18.01
<i>For Work In Restricted Working Space, Add</i>	10.80	
<i>For Installation Above 14', Add</i>	5.40	
26 05 33 13-1211 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	486.78	20.46
<i>For Work In Restricted Working Space, Add</i>	12.28	
<i>For Installation Above 14', Add</i>	6.14	
26 05 33 13-1212 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	624.16	22.51
<i>For Work In Restricted Working Space, Add</i>	13.50	
<i>For Installation Above 14', Add</i>	6.75	
26 05 33 13-1213 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	924.04	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
26 05 33 13-1214 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	1,157.03	38.47
<i>For Work In Restricted Working Space, Add</i>	23.08	
<i>For Installation Above 14', Add</i>	11.54	
26 05 33 13-1215 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	1,476.97	43.37
<i>For Work In Restricted Working Space, Add</i>	26.03	
<i>For Installation Above 14', Add</i>	13.01	
26 05 33 13-1216 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	1,847.62	56.46
<i>For Work In Restricted Working Space, Add</i>	33.88	
<i>For Installation Above 14', Add</i>	16.94	
<b>26 05 33 13-1217 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs</b> <small>(26 05 33 13-0783)</small>		
26 05 33 13-1218 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	57.93	4.92
<i>For Work In Restricted Working Space, Add</i>	2.95	
<i>For Installation Above 14', Add</i>	1.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.95	
26 05 33 13-1219 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	62.42	6.14
<i>For Work In Restricted Working Space, Add</i>	3.68	
<i>For Installation Above 14', Add</i>	1.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68	
26 05 33 13-1220 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	68.38	7.36
<i>For Work In Restricted Working Space, Add</i>	4.42	
<i>For Installation Above 14', Add</i>	2.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.42	
26 05 33 13-1221 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	77.03	9.00
<i>For Work In Restricted Working Space, Add</i>	5.40	
<i>For Installation Above 14', Add</i>	2.70	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	
26 05 33 13-1222 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	104.52	10.23
<i>For Work In Restricted Working Space, Add</i>	6.14	
<i>For Installation Above 14', Add</i>	3.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1223	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....128.23 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87 3.44 6.87	11.46
26 05 33 13-1224	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....184.59 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.60 4.30 8.60	14.32
26 05 33 13-1225	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....240.71 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54 5.77 11.54	19.23
26 05 33 13-1226	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....308.74 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01 6.51 13.01	21.69
26 05 33 13-1227	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....387.84 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94 8.47 16.94	28.24
26 05 33 13-1228	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....477.04 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.50 13.75 27.50	45.83
26 05 33 13-1229	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....719.44 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.49 20.75 41.49	69.15
<b>26 05 33 13-1230 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs</b> <small>(26 05 33 13-0783)</small>					
26 05 33 13-1231	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....88.54 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.95 1.47 2.95	4.92
26 05 33 13-1232	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....93.25 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68 1.84 3.68	6.14
26 05 33 13-1233	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....99.88 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.42 2.21 4.42	7.36
26 05 33 13-1234	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....113.76 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40 2.70 5.40	9.00
26 05 33 13-1235	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....121.86 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14 3.07 6.14	10.23
26 05 33 13-1236	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....137.89 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87 3.44 6.87	11.46
26 05 33 13-1237	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....211.70 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.60 4.30 8.60	14.32
26 05 33 13-1238	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....252.40 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54 5.77 11.54	19.23
26 05 33 13-1239	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....311.27 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01 6.51 13.01	21.69
26 05 33 13-1240	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....404.14 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94 8.47 16.94	28.24
26 05 33 13-1241	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....627.79 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.50 13.75 27.50	45.83
26 05 33 13-1242	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....1,030.09 <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.49 20.75 41.49	69.15
<b>26 05 33 13-1243 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs</b> <small>(26 05 33 13-0783)</small>					



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1244 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.34 2.95 1.47 2.95	4.92
26 05 33 13-1245 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.71 3.68 1.84 3.68	6.14
26 05 33 13-1246 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.63 4.42 2.21 4.42	7.36
26 05 33 13-1247 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.25 5.40 2.70 5.40	9.00
26 05 33 13-1248 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.60 6.14 3.07 6.14	10.23
26 05 33 13-1249 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.96 6.87 3.44 6.87	11.46
 <b>26 05 33 13-1250 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions <small>(26 05 33 13-0783)</small></b>		
26 05 33 13-1251 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	67.68 6.14 3.07	10.23
26 05 33 13-1252 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	73.45 7.61 3.81	12.69
26 05 33 13-1253 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	95.55 9.33 4.67	15.55
26 05 33 13-1254 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	139.74 10.80 5.40	18.01
26 05 33 13-1255 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	166.03 12.28 6.14	20.46
26 05 33 13-1256 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	211.74 13.50 6.75	22.51
26 05 33 13-1257 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	282.19 16.94 8.47	28.24
26 05 33 13-1258 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	367.66 16.94 8.47	28.24
26 05 33 13-1259 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	472.77 26.03 13.01	43.37
26 05 33 13-1260 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	608.60 33.88 16.94	56.46
26 05 33 13-1261 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,110.59 55.24 27.62	92.06
26 05 33 13-1262 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,380.01 82.99 41.49	138.31
 <b>26 05 33 13-1263 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions <small>(26 05 33 13-0783)</small></b>		
26 05 33 13-1264 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	69.27 6.14 3.07	10.23
26 05 33 13-1265 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	79.52 7.61 3.81	12.69
26 05 33 13-1266 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	98.79 9.33 4.67	15.55
26 05 33 13-1267 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	145.68 10.80 5.40	18.01
26 05 33 13-1268 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	174.28 12.28 6.14	20.46

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1269 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	229.56	22.51
For Work In Restricted Working Space, Add	13.50	
For Installation Above 14', Add	6.75	
26 05 33 13-1270 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	320.32	28.24
For Work In Restricted Working Space, Add	16.94	
For Installation Above 14', Add	8.47	
26 05 33 13-1271 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	406.43	28.24
For Work In Restricted Working Space, Add	16.94	
For Installation Above 14', Add	8.47	
26 05 33 13-1272 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	542.86	43.37
For Work In Restricted Working Space, Add	26.03	
For Installation Above 14', Add	13.01	
26 05 33 13-1273 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	678.43	56.46
For Work In Restricted Working Space, Add	33.88	
For Installation Above 14', Add	16.94	
26 05 33 13-1274 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,238.59	92.06
For Work In Restricted Working Space, Add	55.24	
For Installation Above 14', Add	27.62	
26 05 33 13-1275 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,586.70	138.31
For Work In Restricted Working Space, Add	82.99	
For Installation Above 14', Add	41.49	

**26 05 33 13-1276 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings** (26 05 33 13-0783)

26 05 33 13-1277 EA 3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	38.49	3.27
For Work In Restricted Working Space, Add	1.97	
For Installation Above 14', Add	0.98	
26 05 33 13-1278 EA 1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	42.05	4.09
For Work In Restricted Working Space, Add	2.46	
For Installation Above 14', Add	1.23	
26 05 33 13-1279 EA 1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	48.02	4.09
For Work In Restricted Working Space, Add	2.46	
For Installation Above 14', Add	1.23	
26 05 33 13-1280 EA 1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	59.53	4.50
For Work In Restricted Working Space, Add	2.70	
For Installation Above 14', Add	1.35	
26 05 33 13-1281 EA 1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	62.97	4.50
For Work In Restricted Working Space, Add	2.70	
For Installation Above 14', Add	1.35	
26 05 33 13-1282 EA 1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	53.58	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
26 05 33 13-1283 EA 1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	61.26	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
26 05 33 13-1284 EA 1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	95.82	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
26 05 33 13-1285 EA 2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	106.44	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
26 05 33 13-1286 EA 2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	103.46	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
26 05 33 13-1287 EA 2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	109.00	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
26 05 33 13-1288 EA 2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	122.94	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
26 05 33 13-1289 EA 2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	121.64	7.36
For Work In Restricted Working Space, Add	4.42	
For Installation Above 14', Add	2.21	
26 05 33 13-1290 EA 3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	154.81	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
26 05 33 13-1291 EA 3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	229.08	11.87
For Work In Restricted Working Space, Add	7.12	
For Installation Above 14', Add	3.56	
26 05 33 13-1292 EA 4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	306.33	16.37
For Work In Restricted Working Space, Add	9.82	
For Installation Above 14', Add	4.91	
26 05 33 13-1293 EA 5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	382.34	22.51
For Work In Restricted Working Space, Add	13.51	
For Installation Above 14', Add	6.75	

**26 05 33 13-1294 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples** (26 05 33 13-0783)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1295 EA 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	23.21	4.92
For Work In Restricted Working Space, Add	2.95	
For Installation Above 14', Add	1.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.95	
26 05 33 13-1296 EA 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	25.93	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1297 EA 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	29.95	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1298 EA 1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	35.72	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-1299 EA 1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.75	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.14	
26 05 33 13-1300 EA 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	25.75	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.19	
26 05 33 13-1301 EA 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	27.76	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1302 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	31.80	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1303 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.68	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-1304 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.86	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.14	
26 05 33 13-1305 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	44.22	11.46
For Work In Restricted Working Space, Add	6.87	
For Installation Above 14', Add	3.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.87	
26 05 33 13-1306 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	25.88	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.19	
26 05 33 13-1307 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	27.88	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1308 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	32.03	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1309 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.93	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-1310 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.10	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.14	
26 05 33 13-1311 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	44.88	11.46
For Work In Restricted Working Space, Add	6.87	
For Installation Above 14', Add	3.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.87	
26 05 33 13-1312 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	27.62	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.19	
26 05 33 13-1313 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	29.62	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1314 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	33.90	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1315 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.99	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1316	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.27	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33	13-1317	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	46.93	11.46
			<i>For Work In Restricted Working Space, Add</i>	6.87	
			<i>For Installation Above 14', Add</i>	3.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87	
26 05 33	13-1318	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	65.95	13.91
			<i>For Work In Restricted Working Space, Add</i>	8.35	
			<i>For Installation Above 14', Add</i>	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35	
26 05 33	13-1319	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	85.11	19.23
			<i>For Work In Restricted Working Space, Add</i>	11.54	
			<i>For Installation Above 14', Add</i>	5.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54	
26 05 33	13-1320	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	27.74	5.32
			<i>For Work In Restricted Working Space, Add</i>	3.19	
			<i>For Installation Above 14', Add</i>	1.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.19	
26 05 33	13-1321	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	29.86	6.14
			<i>For Work In Restricted Working Space, Add</i>	3.68	
			<i>For Installation Above 14', Add</i>	1.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68	
26 05 33	13-1322	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	34.16	7.77
			<i>For Work In Restricted Working Space, Add</i>	4.67	
			<i>For Installation Above 14', Add</i>	2.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.67	
26 05 33	13-1323	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.05	9.00
			<i>For Work In Restricted Working Space, Add</i>	5.40	
			<i>For Installation Above 14', Add</i>	2.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	
26 05 33	13-1324	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.45	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33	13-1325	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	48.98	11.46
			<i>For Work In Restricted Working Space, Add</i>	6.87	
			<i>For Installation Above 14', Add</i>	3.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87	
26 05 33	13-1326	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	67.77	13.91
			<i>For Work In Restricted Working Space, Add</i>	8.35	
			<i>For Installation Above 14', Add</i>	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35	
26 05 33	13-1327	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	89.01	19.23
			<i>For Work In Restricted Working Space, Add</i>	11.54	
			<i>For Installation Above 14', Add</i>	5.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54	
26 05 33	13-1328	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	106.41	21.69
			<i>For Work In Restricted Working Space, Add</i>	13.01	
			<i>For Installation Above 14', Add</i>	6.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01	
26 05 33	13-1329	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	123.91	28.24
			<i>For Work In Restricted Working Space, Add</i>	16.94	
			<i>For Installation Above 14', Add</i>	8.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33	13-1330	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	27.98	5.32
			<i>For Work In Restricted Working Space, Add</i>	3.19	
			<i>For Installation Above 14', Add</i>	1.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.19	
26 05 33	13-1331	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.12	6.14
			<i>For Work In Restricted Working Space, Add</i>	3.68	
			<i>For Installation Above 14', Add</i>	1.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68	
26 05 33	13-1332	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	34.43	7.77
			<i>For Work In Restricted Working Space, Add</i>	4.67	
			<i>For Installation Above 14', Add</i>	2.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.67	
26 05 33	13-1333	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.55	9.00
			<i>For Work In Restricted Working Space, Add</i>	5.40	
			<i>For Installation Above 14', Add</i>	2.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	
26 05 33	13-1334	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.96	10.23
			<i>For Work In Restricted Working Space, Add</i>	6.14	
			<i>For Installation Above 14', Add</i>	3.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14	
26 05 33	13-1335	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.10	11.46
			<i>For Work In Restricted Working Space, Add</i>	6.87	
			<i>For Installation Above 14', Add</i>	3.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87	
26 05 33	13-1336	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	74.97	13.91
			<i>For Work In Restricted Working Space, Add</i>	8.35	
			<i>For Installation Above 14', Add</i>	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1337 EA 3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	94.84	19.23
For Work In Restricted Working Space, Add	11.54	
For Installation Above 14', Add	5.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.54	
26 05 33 13-1338 EA 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	107.66	21.69
For Work In Restricted Working Space, Add	13.01	
For Installation Above 14', Add	6.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.01	
26 05 33 13-1339 EA 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	127.24	28.24
For Work In Restricted Working Space, Add	16.94	
For Installation Above 14', Add	8.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.94	
26 05 33 13-1340 EA 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	187.83	38.87
For Work In Restricted Working Space, Add	23.32	
For Installation Above 14', Add	11.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.32	
26 05 33 13-1341 EA 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	28.44	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.19	
26 05 33 13-1342 EA 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.57	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1343 EA 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	34.92	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1344 EA 1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.46	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-1345 EA 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	45.06	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.14	
26 05 33 13-1346 EA 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	51.21	11.46
For Work In Restricted Working Space, Add	6.87	
For Installation Above 14', Add	3.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.87	
26 05 33 13-1347 EA 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	82.29	13.91
For Work In Restricted Working Space, Add	8.35	
For Installation Above 14', Add	4.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.35	
26 05 33 13-1348 EA 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	102.60	19.23
For Work In Restricted Working Space, Add	11.54	
For Installation Above 14', Add	5.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.54	
26 05 33 13-1349 EA 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	114.64	21.69
For Work In Restricted Working Space, Add	13.01	
For Installation Above 14', Add	6.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.01	
26 05 33 13-1350 EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	139.02	28.24
For Work In Restricted Working Space, Add	16.94	
For Installation Above 14', Add	8.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.94	
26 05 33 13-1351 EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	205.45	38.87
For Work In Restricted Working Space, Add	23.32	
For Installation Above 14', Add	11.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.32	
26 05 33 13-1352 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	29.15	5.32
For Work In Restricted Working Space, Add	3.19	
For Installation Above 14', Add	1.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.19	
26 05 33 13-1353 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	31.27	6.14
For Work In Restricted Working Space, Add	3.68	
For Installation Above 14', Add	1.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.68	
26 05 33 13-1354 EA 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	36.02	7.77
For Work In Restricted Working Space, Add	4.67	
For Installation Above 14', Add	2.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.67	
26 05 33 13-1355 EA 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.70	9.00
For Work In Restricted Working Space, Add	5.40	
For Installation Above 14', Add	2.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-1356 EA 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.29	10.23
For Work In Restricted Working Space, Add	6.14	
For Installation Above 14', Add	3.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.14	
26 05 33 13-1357 EA 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.66	11.46
For Work In Restricted Working Space, Add	6.87	
For Installation Above 14', Add	3.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.87	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1358	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	91.29	13.91	
		<i>For Work In Restricted Working Space, Add</i>	8.35		
		<i>For Installation Above 14', Add</i>	4.17		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35		
26 05 33 13-1359	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	113.21	19.23	
		<i>For Work In Restricted Working Space, Add</i>	11.54		
		<i>For Installation Above 14', Add</i>	5.77		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54		
26 05 33 13-1360	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	132.13	21.69	
		<i>For Work In Restricted Working Space, Add</i>	13.01		
		<i>For Installation Above 14', Add</i>	6.51		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01		
26 05 33 13-1361	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	156.71	28.24	
		<i>For Work In Restricted Working Space, Add</i>	16.94		
		<i>For Installation Above 14', Add</i>	8.47		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94		
26 05 33 13-1362	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	217.53	38.87	
		<i>For Work In Restricted Working Space, Add</i>	23.32		
		<i>For Installation Above 14', Add</i>	11.66		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.32		
26 05 33 13-1363	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	29.90	5.32	
		<i>For Work In Restricted Working Space, Add</i>	3.19		
		<i>For Installation Above 14', Add</i>	1.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.19		
26 05 33 13-1364	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	32.00	6.14	
		<i>For Work In Restricted Working Space, Add</i>	3.68		
		<i>For Installation Above 14', Add</i>	1.84		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68		
26 05 33 13-1365	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.10	7.77	
		<i>For Work In Restricted Working Space, Add</i>	4.67		
		<i>For Installation Above 14', Add</i>	2.33		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.67		
26 05 33 13-1366	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.99	9.00	
		<i>For Work In Restricted Working Space, Add</i>	5.40		
		<i>For Installation Above 14', Add</i>	2.70		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40		
26 05 33 13-1367	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.59	10.23	
		<i>For Work In Restricted Working Space, Add</i>	6.14		
		<i>For Installation Above 14', Add</i>	3.07		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14		
26 05 33 13-1368	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.68	11.46	
		<i>For Work In Restricted Working Space, Add</i>	6.87		
		<i>For Installation Above 14', Add</i>	3.44		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87		
26 05 33 13-1369	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	100.81	13.91	
		<i>For Work In Restricted Working Space, Add</i>	8.35		
		<i>For Installation Above 14', Add</i>	4.17		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35		
26 05 33 13-1370	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	126.80	19.23	
		<i>For Work In Restricted Working Space, Add</i>	11.54		
		<i>For Installation Above 14', Add</i>	5.77		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54		
26 05 33 13-1371	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	150.50	21.69	
		<i>For Work In Restricted Working Space, Add</i>	13.01		
		<i>For Installation Above 14', Add</i>	6.51		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01		
26 05 33 13-1372	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	187.67	28.24	
		<i>For Work In Restricted Working Space, Add</i>	16.94		
		<i>For Installation Above 14', Add</i>	8.47		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94		
26 05 33 13-1373	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	241.62	38.87	
		<i>For Work In Restricted Working Space, Add</i>	23.32		
		<i>For Installation Above 14', Add</i>	11.66		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.32		
26 05 33 13-1374	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	30.67	5.32	
		<i>For Work In Restricted Working Space, Add</i>	3.19		
		<i>For Installation Above 14', Add</i>	1.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.19		
26 05 33 13-1375	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	32.86	6.14	
		<i>For Work In Restricted Working Space, Add</i>	3.68		
		<i>For Installation Above 14', Add</i>	1.84		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68		
26 05 33 13-1376	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.84	7.77	
		<i>For Work In Restricted Working Space, Add</i>	4.67		
		<i>For Installation Above 14', Add</i>	2.33		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.67		
26 05 33 13-1377	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.41	9.00	
		<i>For Work In Restricted Working Space, Add</i>	5.40		
		<i>For Installation Above 14', Add</i>	2.70		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40		
26 05 33 13-1378	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.01	10.23	
		<i>For Work In Restricted Working Space, Add</i>	6.14		
		<i>For Installation Above 14', Add</i>	3.07		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.14		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1379 EA 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	71.11	11.46
<i>For Work In Restricted Working Space, Add</i>	6.87	
<i>For Installation Above 14', Add</i>	3.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.87	
26 05 33 13-1380 EA 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	113.50	13.91
<i>For Work In Restricted Working Space, Add</i>	8.35	
<i>For Installation Above 14', Add</i>	4.17	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.35	
26 05 33 13-1381 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	147.18	19.23
<i>For Work In Restricted Working Space, Add</i>	11.54	
<i>For Installation Above 14', Add</i>	5.77	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.54	
26 05 33 13-1382 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	161.77	21.69
<i>For Work In Restricted Working Space, Add</i>	13.01	
<i>For Installation Above 14', Add</i>	6.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01	
26 05 33 13-1383 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	197.16	28.24
<i>For Work In Restricted Working Space, Add</i>	16.94	
<i>For Installation Above 14', Add</i>	8.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.94	
26 05 33 13-1384 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	245.06	38.87
<i>For Work In Restricted Working Space, Add</i>	23.32	
<i>For Installation Above 14', Add</i>	11.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.32	
<b>26 05 33 13-1385 Aluminum Conduit</b> <small>(26 05 33 13-0041)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-1386 Aluminum Conduit With Threaded Coupling</b> <small>(26 05 33 13-1385)</small>		
Note: Includes field bend conduit up to 1".		
26 05 33 13-1387 LF 1/2" Aluminum Conduit With Threaded Coupling.....	4.18	1.26
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-1388 LF 3/4" Aluminum Conduit With Threaded Coupling.....	4.84	1.38
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.52	
<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 33 13-1389 LF 1" Aluminum Conduit With Threaded Coupling.....	5.74	1.51
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.57	
<i>For Work In Restricted Working Space, Add</i>	1.13	
26 05 33 13-1390 LF 1-1/4" Aluminum Conduit With Threaded Coupling.....	6.66	1.64
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.61	
<i>For Work In Restricted Working Space, Add</i>	1.23	
26 05 33 13-1391 LF 1-1/2" Aluminum Conduit With Threaded Coupling.....	7.59	1.77
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.66	
<i>For Work In Restricted Working Space, Add</i>	1.32	
26 05 33 13-1392 LF 2" Aluminum Conduit With Threaded Coupling.....	9.31	2.02
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.76	
<i>For Work In Restricted Working Space, Add</i>	1.51	
26 05 33 13-1393 LF 2-1/2" Aluminum Conduit With Threaded Coupling.....	13.04	2.52
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.95	
<i>For Work In Restricted Working Space, Add</i>	1.89	
26 05 33 13-1394 LF 3" Aluminum Conduit With Threaded Coupling.....	16.41	3.02
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.13	
<i>For Work In Restricted Working Space, Add</i>	2.27	
26 05 33 13-1395 LF 3-1/2" Aluminum Conduit With Threaded Coupling.....	20.07	3.78
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.42	
<i>For Work In Restricted Working Space, Add</i>	2.83	
26 05 33 13-1396 LF 4" Aluminum Conduit With Threaded Coupling.....	24.55	4.78
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.79	
<i>For Work In Restricted Working Space, Add</i>	3.59	
26 05 33 13-1397 LF 5" Aluminum Conduit With Threaded Coupling.....	33.13	6.04
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.27	
<i>For Work In Restricted Working Space, Add</i>	4.53	
26 05 33 13-1398 LF 6" Aluminum Conduit With Threaded Coupling.....	42.61	7.55
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.83	
<i>For Work In Restricted Working Space, Add</i>	5.67	
<b>26 05 33 13-1399 Aluminum 90 Degree Elbows</b> <small>(26 05 33 13-1385)</small>		
26 05 33 13-1400 EA 1" Aluminum 90 Degree Elbow.....	27.35	6.55
<i>For Work In Restricted Working Space, Add</i>	4.91	
26 05 33 13-1401 EA 1-1/4" Aluminum 90 Degree Elbow.....	36.01	7.43
<i>For Work In Restricted Working Space, Add</i>	5.57	
26 05 33 13-1402 EA 1-1/2" Aluminum 90 Degree Elbow.....	44.62	8.57
<i>For Work In Restricted Working Space, Add</i>	6.42	
26 05 33 13-1403 EA 2" Aluminum 90 Degree Elbow.....	58.73	9.82
<i>For Work In Restricted Working Space, Add</i>	7.37	
26 05 33 13-1404 EA 2-1/2" Aluminum 90 Degree Elbow.....	87.48	11.96
<i>For Work In Restricted Working Space, Add</i>	8.97	
26 05 33 13-1405 EA 3" Aluminum 90 Degree Elbow.....	127.66	15.49
<i>For Work In Restricted Working Space, Add</i>	11.62	
26 05 33 13-1406 EA 3-1/2" Aluminum 90 Degree Elbow.....	182.15	17.37
<i>For Work In Restricted Working Space, Add</i>	13.03	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1407	EA		4" Aluminum 90 Degree Elbow .....	218.94	21.78
			<i>For Work In Restricted Working Space, Add</i>	16.34	
26 05 33 13-1408	EA		5" Aluminum 90 Degree Elbow .....	575.09	35.51
			<i>For Work In Restricted Working Space, Add</i>	26.63	
26 05 33 13-1409	EA		6" Aluminum 90 Degree Elbow .....	806.34	53.39
			<i>For Work In Restricted Working Space, Add</i>	40.04	
<b>26 05 33 13-1410</b>			<b>Aluminum Bushing Set With Locknut</b> <small>(26 05 33 13-1385)</small>		
26 05 33 13-1411	EA		1/2" Aluminum Bushing Set With Locknut .....	7.13	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-1412	EA		3/4" Aluminum Bushing Set With Locknut .....	11.55	3.27
			<i>For Work In Restricted Working Space, Add</i>	2.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-1413	EA		1" Aluminum Bushing Set With Locknut .....	10.61	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.02	
26 05 33 13-1414	EA		1-1/4" Aluminum Bushing Set With Locknut .....	11.94	4.53
			<i>For Work In Restricted Working Space, Add</i>	3.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
26 05 33 13-1415	EA		1-1/2" Aluminum Bushing Set With Locknut .....	14.62	5.54
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-1416	EA		2" Aluminum Bushing Set With Locknut .....	17.96	6.67
			<i>For Work In Restricted Working Space, Add</i>	5.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.00	
26 05 33 13-1417	EA		2-1/2" Aluminum Bushing Set With Locknut .....	22.43	7.93
			<i>For Work In Restricted Working Space, Add</i>	5.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.95	
26 05 33 13-1418	EA		3" Aluminum Bushing Set With Locknut .....	26.51	9.07
			<i>For Work In Restricted Working Space, Add</i>	6.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 33 13-1419	EA		3-1/2" Aluminum Bushing Set With Locknut .....	28.66	9.82
			<i>For Work In Restricted Working Space, Add</i>	7.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.37	
26 05 33 13-1420	EA		4" Aluminum Bushing Set With Locknut .....	31.36	10.57
			<i>For Work In Restricted Working Space, Add</i>	7.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.93	
26 05 33 13-1421	EA		5" Aluminum Bushing Set With Locknut .....	41.41	14.10
			<i>For Work In Restricted Working Space, Add</i>	10.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.58	
26 05 33 13-1422	EA		6" Aluminum Bushing Set With Locknut .....	61.34	21.16
			<i>For Work In Restricted Working Space, Add</i>	15.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.86	
<b>26 05 33 13-1423</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit</b> <small>(26 05 33 13-0041)</small>		
			Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-1424</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings</b> <small>(26 05 33 13-1423)</small>		
			Note: Includes field bend conduit up to 1".		
26 05 33 13-1425	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	2.43	0.90
			<i>For Schedule 60, Add</i>	0.15	
			<i>For Schedule 80, Add</i>	0.28	
26 05 33 13-1426	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	2.71	0.99
			<i>For Schedule 60, Add</i>	0.18	
			<i>For Schedule 80, Add</i>	0.33	
26 05 33 13-1427	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	3.23	1.16
			<i>For Schedule 60, Add</i>	0.23	
			<i>For Schedule 80, Add</i>	0.40	
26 05 33 13-1428	LF		1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	3.75	1.32
			<i>For Schedule 60, Add</i>	0.27	
			<i>For Schedule 80, Add</i>	0.48	
26 05 33 13-1429	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	4.39	1.54
			<i>For Schedule 60, Add</i>	0.32	
			<i>For Schedule 80, Add</i>	0.57	
26 05 33 13-1430	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	5.10	1.77
			<i>For Schedule 60, Add</i>	0.39	
			<i>For Schedule 80, Add</i>	0.68	
26 05 33 13-1431	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	6.34	2.10
			<i>For Schedule 60, Add</i>	0.54	
			<i>For Schedule 80, Add</i>	0.91	
26 05 33 13-1432	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	7.38	2.44
			<i>For Schedule 60, Add</i>	0.63	
			<i>For Schedule 80, Add</i>	1.06	
26 05 33 13-1433	LF		3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	8.85	2.88
			<i>For Schedule 60, Add</i>	0.77	
			<i>For Schedule 80, Add</i>	1.30	
26 05 33 13-1434	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	10.67	3.54
			<i>For Schedule 60, Add</i>	0.90	
			<i>For Schedule 80, Add</i>	1.52	
26 05 33 13-1435	LF		5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings .....	15.08	4.98
			<i>For Schedule 60, Add</i>	1.28	
			<i>For Schedule 80, Add</i>	2.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1436 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	20.08 1.70 2.88	6.63
<b>26 05 33 13-1437 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows</b> <small>(26 05 33 13-1423)</small> See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33 13-1438 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	11.67  0.71 1.32	4.42
26 05 33 13-1439 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	12.87  0.78 1.46	4.87
26 05 33 13-1440 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	14.95  0.97 1.78	5.53
26 05 33 13-1441 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	19.33  1.29 2.34	7.08
26 05 33 13-1442 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	24.34  1.66 2.99	8.85
26 05 33 13-1443 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	30.61  2.12 3.80	11.05
26 05 33 13-1444 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	38.72  3.05 5.26	13.27
26 05 33 13-1445 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	48.04  4.27 7.14	15.48
26 05 33 13-1446 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	60.13  5.63 9.29	18.80
26 05 33 13-1447 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	72.20  6.99 11.45	22.12
26 05 33 13-1448 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	98.34  10.76 17.14	27.65
26 05 33 13-1449 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	120.25  13.47 21.35	33.17
<b>26 05 33 13-1450 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows</b> <small>(26 05 33 13-1423)</small> See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33 13-1451 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	11.54  0.68 1.28	4.42
26 05 33 13-1452 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	12.83  0.77 1.45	4.87
26 05 33 13-1453 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	14.88  0.96 1.75	5.53
26 05 33 13-1454 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	19.13  1.24 2.27	7.08
26 05 33 13-1455 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	23.90  1.55 2.84	8.85
26 05 33 13-1456 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	30.37  2.06 3.72	11.05

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1457	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	38.27  2.93 5.10	13.27
26 05 33 13-1458	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	47.48  4.13 6.94	15.48
26 05 33 13-1459	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	58.56  5.24 8.74	18.80
26 05 33 13-1460	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	70.84  6.65 10.97	22.12
26 05 33 13-1461	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	96.58  10.32 16.52	27.65
26 05 33 13-1462	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	115.03  12.17 19.52	33.17
<b>26 05 33 13-1463 Polyvinyl Chloride (PVC) Conduit Adapters (26 05 33 13-1423)</b>				
26 05 33 13-1464	EA	1/2" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.02 2.32	3.10
26 05 33 13-1465	EA	3/4" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.22 2.66	3.54
26 05 33 13-1466	EA	1" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.46 2.99	3.98
26 05 33 13-1467	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.75 3.32	4.42
26 05 33 13-1468	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.56 4.15	5.53
26 05 33 13-1469	EA	2" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.59 4.98	6.63
26 05 33 13-1470	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.15 6.64	8.85
26 05 33 13-1471	EA	3" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.47 8.30	11.05
26 05 33 13-1472	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.55 10.78	14.37
26 05 33 13-1473	EA	4" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.94 13.27	17.69
26 05 33 13-1474	EA	5" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.58 16.59	22.12
26 05 33 13-1475	EA	6" Polyvinyl Chloride (PVC) Conduit Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.87 20.74	27.65
<b>26 05 33 13-1476 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug (26 05 33 13-1423)</b>				
26 05 33 13-1477	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.12 1.99	2.66
26 05 33 13-1478	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.36 2.32	3.10
26 05 33 13-1479	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63 2.66	3.54
26 05 33 13-1480	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.77 2.99	3.98
26 05 33 13-1481	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.29 3.32	4.42
26 05 33 13-1482	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17 3.82	5.09
26 05 33 13-1483	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.33 4.31	5.75
26 05 33 13-1484	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.04 4.98	6.63
26 05 33 13-1485	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.28 5.81	7.74
26 05 33 13-1486	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.05 6.64	8.85
26 05 33 13-1487	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.72 7.47	9.95
26 05 33 13-1488	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.99 8.30	11.05
<b>26 05 33 13-1489 Polyvinyl Chloride (PVC) Conduit Terminal Adapters (26 05 33 13-1423)</b>				
26 05 33 13-1490	EA	1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.74 2.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1491 EA 3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter.....	10.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.06	
26 05 33 13-1492 EA 1" Polyvinyl Chloride (PVC) Conduit Terminal Adapter.....	11.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.40	
26 05 33 13-1493 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter .....	13.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.78	
<b>26 05 33 13-1494 Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover</b>		
<b>Cover</b> <small>(26 05 33 13-1423)</small>		
26 05 33 13-1495 EA 1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	24.97	8.85
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.64	
26 05 33 13-1496 EA 3/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	28.91	9.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.47	
26 05 33 13-1497 EA 1" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	32.07	11.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.30	
26 05 33 13-1498 EA 1-1/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	39.49	13.27
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.95	
26 05 33 13-1499 EA 1-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	48.83	16.59
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.44	
26 05 33 13-1500 EA 2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	62.81	19.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-1501 EA 2-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	105.52	22.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.59	
26 05 33 13-1502 EA 3" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	112.75	24.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.25	
26 05 33 13-1503 EA 3-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	122.69	27.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.74	
26 05 33 13-1504 EA 4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	137.12	32.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.05	
<b>26 05 33 13-1505 Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover</b>		
<b>Cover</b> <small>(26 05 33 13-1423)</small>		
26 05 33 13-1506 EA 1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	35.27	12.59
For Schedule 60, Add	2.52	
For Schedule 80, Add	4.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.44	
26 05 33 13-1507 EA 3/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	39.33	13.85
For Schedule 60, Add	2.91	
For Schedule 80, Add	5.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.39	
26 05 33 13-1508 EA 1" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	42.53	15.11
For Schedule 60, Add	3.08	
For Schedule 80, Add	5.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.33	
26 05 33 13-1509 EA 1-1/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	52.75	17.62
For Schedule 60, Add	4.37	
For Schedule 80, Add	7.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.22	
26 05 33 13-1510 EA 1-1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	63.71	21.41
For Schedule 60, Add	5.23	
For Schedule 80, Add	8.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.05	
26 05 33 13-1511 EA 2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover .....	77.73	25.18
For Schedule 60, Add	6.84	
For Schedule 80, Add	11.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.89	
<b>26 05 33 13-1512 Polyvinyl Chloride (PVC) Conduit Expansion Joint</b>		
<b>Cover</b> <small>(26 05 33 13-1423)</small>		
26 05 33 13-1513 EA 1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	52.50	11.05
26 05 33 13-1514 EA 3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	58.60	13.27
26 05 33 13-1515 EA 1" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	65.11	15.48
26 05 33 13-1516 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	71.22	17.69
26 05 33 13-1517 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	77.15	19.90
26 05 33 13-1518 EA 2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	84.14	22.12
26 05 33 13-1519 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	102.70	25.44
26 05 33 13-1520 EA 3" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	122.72	28.75
26 05 33 13-1521 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	143.57	33.17
26 05 33 13-1522 EA 4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	170.60	38.71
26 05 33 13-1523 EA 5" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	223.67	46.44
26 05 33 13-1524 EA 6" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	293.99	59.72
<b>26 05 33 13-1525 Polyvinyl Chloride (PVC) Conduit End Caps</b>		
<b>Cover</b> <small>(26 05 33 13-1423)</small>		
26 05 33 13-1526 EA 1/2" Polyvinyl Chloride (PVC) Conduit End Cap .....	6.81	2.21
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.66	
26 05 33 13-1527 EA 3/4" Polyvinyl Chloride (PVC) Conduit End Cap .....	8.03	2.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.99	
26 05 33 13-1528 EA 1" Polyvinyl Chloride (PVC) Conduit End Cap .....	9.24	3.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.32	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1529 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap.....	11.01	3.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.66	
26 05 33 13-1530 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	12.79	3.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.99	
26 05 33 13-1531 EA 2" Polyvinyl Chloride (PVC) Conduit End Cap.....	14.97	4.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.32	
26 05 33 13-1532 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	21.27	5.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.82	
26 05 33 13-1533 EA 3" Polyvinyl Chloride (PVC) Conduit End Cap.....	23.30	5.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-1534 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	29.68	6.41
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.81	
26 05 33 13-1535 EA 4" Polyvinyl Chloride (PVC) Conduit End Cap.....	35.74	6.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.14	
26 05 33 13-1536 EA 5" Polyvinyl Chloride (PVC) Conduit End Cap.....	40.95	7.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.81	
26 05 33 13-1537 EA 6" Polyvinyl Chloride (PVC) Conduit End Cap.....	51.67	8.85
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.64	
<b>26 05 33 13-1538 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) (26 05 33 13-1423)</b>		
26 05 33 13-1539 EA 2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200).....	68.03	19.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-1540 EA 3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121).....	70.97	13.27
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.95	
26 05 33 13-1541 EA 1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251).....	171.21	22.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.59	
26 05 33 13-1542 EA 3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401).....	332.56	32.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.05	
<b>26 05 33 13-1543 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-0041)</b>		
Note: Exposed installation. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-1544 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-1543)</b>		
26 05 33 13-1545 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	4.07	0.90
26 05 33 13-1546 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	4.52	0.99
26 05 33 13-1547 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	5.06	1.15
26 05 33 13-1548 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	5.58	1.32
26 05 33 13-1549 LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	6.32	1.54
26 05 33 13-1550 LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	6.93	1.77
26 05 33 13-1551 LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	8.26	2.10
26 05 33 13-1552 LF 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	9.69	2.44
26 05 33 13-1553 LF 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	11.25	2.88
26 05 33 13-1554 LF 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	13.36	3.54
26 05 33 13-1555 LF 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	18.08	4.98
26 05 33 13-1556 LF 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	23.64	6.63
<b>26 05 33 13-1557 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1543)</b>		
26 05 33 13-1558 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	44.37	4.42
For 24" Radius, Add	3.05	
For 36" Radius, Add	4.44	
For 48" Radius, Add	5.82	
26 05 33 13-1559 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	49.47	4.87
For 24" Radius, Add	3.41	
For 36" Radius, Add	4.95	
For 48" Radius, Add	6.49	
26 05 33 13-1560 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	51.50	5.53
For 24" Radius, Add	3.52	
For 36" Radius, Add	5.15	
For 48" Radius, Add	6.78	
26 05 33 13-1561 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	55.74	7.08
For 24" Radius, Add	3.74	
For 36" Radius, Add	5.57	
For 48" Radius, Add	7.41	
26 05 33 13-1562 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	60.55	8.85
For 24" Radius, Add	3.99	
For 36" Radius, Add	6.06	
For 48" Radius, Add	8.12	
26 05 33 13-1563 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	71.38	11.05
For 24" Radius, Add	4.66	
For 36" Radius, Add	7.14	
For 48" Radius, Add	9.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1564 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	85.51	13.27
<i>For 24" Radius, Add</i>	5.58	
<i>For 36" Radius, Add</i>	8.55	
<i>For 48" Radius, Add</i>	11.52	
26 05 33 13-1565 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	101.52	15.48
<i>For 24" Radius, Add</i>	6.65	
<i>For 36" Radius, Add</i>	10.15	
<i>For 48" Radius, Add</i>	13.66	
26 05 33 13-1566 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	117.67	18.80
<i>For 24" Radius, Add</i>	7.65	
<i>For 36" Radius, Add</i>	11.77	
<i>For 48" Radius, Add</i>	15.88	
26 05 33 13-1567 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	133.80	22.12
<i>For 24" Radius, Add</i>	8.65	
<i>For 36" Radius, Add</i>	13.38	
<i>For 48" Radius, Add</i>	18.11	
26 05 33 13-1568 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	167.26	27.65
<i>For 24" Radius, Add</i>	10.82	
<i>For 36" Radius, Add</i>	16.73	
<i>For 48" Radius, Add</i>	22.64	
26 05 33 13-1569 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	205.62	33.17
<i>For 24" Radius, Add</i>	13.35	
<i>For 36" Radius, Add</i>	20.56	
<i>For 48" Radius, Add</i>	27.78	
<b>26 05 33 13-1570 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1543)</small></b>		
26 05 33 13-1571 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	38.37	4.42
<i>For 24" Radius, Add</i>	2.60	
<i>For 36" Radius, Add</i>	3.84	
<i>For 48" Radius, Add</i>	5.07	
26 05 33 13-1572 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	42.76	4.87
<i>For 24" Radius, Add</i>	2.90	
<i>For 36" Radius, Add</i>	4.28	
<i>For 48" Radius, Add</i>	5.65	
26 05 33 13-1573 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	44.72	5.53
<i>For 24" Radius, Add</i>	3.01	
<i>For 36" Radius, Add</i>	4.47	
<i>For 48" Radius, Add</i>	5.94	
26 05 33 13-1574 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	48.89	7.08
<i>For 24" Radius, Add</i>	3.22	
<i>For 36" Radius, Add</i>	4.89	
<i>For 48" Radius, Add</i>	6.55	
26 05 33 13-1575 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	53.63	8.85
<i>For 24" Radius, Add</i>	3.47	
<i>For 36" Radius, Add</i>	5.36	
<i>For 48" Radius, Add</i>	7.26	
26 05 33 13-1576 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	63.51	11.05
<i>For 24" Radius, Add</i>	4.07	
<i>For 36" Radius, Add</i>	6.35	
<i>For 48" Radius, Add</i>	8.63	
26 05 33 13-1577 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	76.09	13.27
<i>For 24" Radius, Add</i>	4.88	
<i>For 36" Radius, Add</i>	7.61	
<i>For 48" Radius, Add</i>	10.34	
26 05 33 13-1578 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	90.21	15.48
<i>For 24" Radius, Add</i>	5.80	
<i>For 36" Radius, Add</i>	9.02	
<i>For 48" Radius, Add</i>	12.24	
26 05 33 13-1579 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	104.95	18.80
<i>For 24" Radius, Add</i>	6.70	
<i>For 36" Radius, Add</i>	10.50	
<i>For 48" Radius, Add</i>	14.29	
26 05 33 13-1580 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	119.67	22.12
<i>For 24" Radius, Add</i>	7.59	
<i>For 36" Radius, Add</i>	11.97	
<i>For 48" Radius, Add</i>	16.34	
26 05 33 13-1581 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	149.59	27.65
<i>For 24" Radius, Add</i>	9.49	
<i>For 36" Radius, Add</i>	14.96	
<i>For 48" Radius, Add</i>	20.43	
26 05 33 13-1582 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	183.54	33.17
<i>For 24" Radius, Add</i>	11.69	
<i>For 36" Radius, Add</i>	18.35	
<i>For 48" Radius, Add</i>	25.02	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-1583		<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows</b> <small>(26 05 33 13-1543)</small>			
26 05 33 13-1584	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	35.61		3.98
		For 24" Radius, Add	2.42		
		For 36" Radius, Add	3.56		
		For 48" Radius, Add	4.70		
26 05 33 13-1585	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	39.66		4.38
		For 24" Radius, Add	2.70		
		For 36" Radius, Add	3.97		
		For 48" Radius, Add	5.23		
26 05 33 13-1586	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	41.46		4.98
		For 24" Radius, Add	2.80		
		For 36" Radius, Add	4.15		
		For 48" Radius, Add	5.49		
26 05 33 13-1587	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	45.23		6.37
		For 24" Radius, Add	2.99		
		For 36" Radius, Add	4.52		
		For 48" Radius, Add	6.05		
26 05 33 13-1588	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	49.49		7.96
		For 24" Radius, Add	3.21		
		For 36" Radius, Add	4.95		
		For 48" Radius, Add	6.68		
26 05 33 13-1589	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	58.56		9.95
		For 24" Radius, Add	3.77		
		For 36" Radius, Add	5.86		
		For 48" Radius, Add	7.94		
26 05 33 13-1590	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	70.16		11.95
		For 24" Radius, Add	4.52		
		For 36" Radius, Add	7.02		
		For 48" Radius, Add	9.52		
26 05 33 13-1591	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	83.20		13.93
		For 24" Radius, Add	5.37		
		For 36" Radius, Add	8.32		
		For 48" Radius, Add	11.27		
26 05 33 13-1592	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	96.71		16.92
		For 24" Radius, Add	6.20		
		For 36" Radius, Add	9.67		
		For 48" Radius, Add	13.15		
26 05 33 13-1593	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	110.21		19.90
		For 24" Radius, Add	7.02		
		For 36" Radius, Add	11.02		
		For 48" Radius, Add	15.02		
26 05 33 13-1594	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	137.78		24.89
		For 24" Radius, Add	8.78		
		For 36" Radius, Add	13.78		
		For 48" Radius, Add	18.78		
26 05 33 13-1595	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	169.11		29.86
		For 24" Radius, Add	10.82		
		For 36" Radius, Add	16.91		
		For 48" Radius, Add	23.01		
26 05 33 13-1596		<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows</b> <small>(26 05 33 13-1543)</small>			
26 05 33 13-1597	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows .....	33.94		3.98
		For 24" Radius, Add	2.30		
		For 36" Radius, Add	3.39		
		For 48" Radius, Add	4.49		
26 05 33 13-1598	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows .....	37.80		4.38
		For 24" Radius, Add	2.56		
		For 36" Radius, Add	3.78		
		For 48" Radius, Add	5.00		
26 05 33 13-1599	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows .....	39.57		4.98
		For 24" Radius, Add	2.66		
		For 36" Radius, Add	3.96		
		For 48" Radius, Add	5.26		
26 05 33 13-1600	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows .....	43.33		6.37
		For 24" Radius, Add	2.85		
		For 36" Radius, Add	4.33		
		For 48" Radius, Add	5.81		
26 05 33 13-1601	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows .....	47.57		7.96
		For 24" Radius, Add	3.07		
		For 36" Radius, Add	4.76		
		For 48" Radius, Add	6.44		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1602 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	56.37	9.95
<i>For 24" Radius, Add</i>	3.61	
<i>For 36" Radius, Add</i>	5.64	
<i>For 48" Radius, Add</i>	7.67	
26 05 33 13-1603 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	67.54	11.95
<i>For 24" Radius, Add</i>	4.32	
<i>For 36" Radius, Add</i>	6.75	
<i>For 48" Radius, Add</i>	9.19	
26 05 33 13-1604 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	80.06	13.93
<i>For 24" Radius, Add</i>	5.13	
<i>For 36" Radius, Add</i>	8.01	
<i>For 48" Radius, Add</i>	10.88	
26 05 33 13-1605 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	93.17	16.92
<i>For 24" Radius, Add</i>	5.93	
<i>For 36" Radius, Add</i>	9.32	
<i>For 48" Radius, Add</i>	12.70	
26 05 33 13-1606 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	106.29	19.90
<i>For 24" Radius, Add</i>	6.73	
<i>For 36" Radius, Add</i>	10.63	
<i>For 48" Radius, Add</i>	14.53	
26 05 33 13-1607 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	132.87	24.89
<i>For 24" Radius, Add</i>	8.41	
<i>For 36" Radius, Add</i>	13.29	
<i>For 48" Radius, Add</i>	18.16	
26 05 33 13-1608 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	162.97	29.86
<i>For 24" Radius, Add</i>	10.36	
<i>For 36" Radius, Add</i>	16.30	
<i>For 48" Radius, Add</i>	22.24	
<b>26 05 33 13-1609 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1610 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	21.53	3.10
26 05 33 13-1611 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	24.22	3.54
26 05 33 13-1612 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	25.48	3.98
26 05 33 13-1613 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	26.71	4.42
26 05 33 13-1614 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	29.80	5.53
26 05 33 13-1615 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	35.61	6.63
26 05 33 13-1616 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	45.02	8.85
26 05 33 13-1617 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	55.13	11.05
26 05 33 13-1618 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	66.85	14.37
26 05 33 13-1619 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	78.59	17.69
26 05 33 13-1620 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	98.22	22.12
26 05 33 13-1621 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	122.77	27.65
<b>26 05 33 13-1622 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1623 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	15.52	3.10
26 05 33 13-1624 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	17.50	3.54
26 05 33 13-1625 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	18.69	3.98
26 05 33 13-1626 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	19.88	4.42
26 05 33 13-1627 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	22.74	5.53
26 05 33 13-1628 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	25.57	6.63
26 05 33 13-1629 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	32.89	8.85
26 05 33 13-1630 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	40.58	11.05
26 05 33 13-1631 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	50.48	14.37
26 05 33 13-1632 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	60.40	17.69
26 05 33 13-1633 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	75.51	22.12
26 05 33 13-1634 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	94.37	27.65
<b>26 05 33 13-1635 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1636 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	17.42	2.55
26 05 33 13-1637 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	19.61	3.54
26 05 33 13-1638 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	20.82	3.98
26 05 33 13-1639 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	21.99	4.42
26 05 33 13-1640 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	25.01	5.53
26 05 33 13-1641 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	29.91	6.63
26 05 33 13-1642 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	38.10	8.85
26 05 33 13-1643 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	46.82	11.05
26 05 33 13-1644 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	57.50	14.37
26 05 33 13-1645 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	68.20	17.69
26 05 33 13-1646 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	85.23	22.12

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1647 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling .....	106.56	27.65
<b>26 05 33 13-1648 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1649 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	38.31	11.05
26 05 33 13-1650 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	45.00	13.27
26 05 33 13-1651 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	50.67	15.48
26 05 33 13-1652 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	56.28	17.69
26 05 33 13-1653 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	62.07	19.90
26 05 33 13-1654 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	69.94	22.12
26 05 33 13-1655 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	81.18	25.44
26 05 33 13-1656 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	92.99	28.75
26 05 33 13-1657 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	106.69	33.17
26 05 33 13-1658 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	123.15	38.71
26 05 33 13-1659 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	143.56	44.24
26 05 33 13-1660 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint .....	165.64	49.76
<b>26 05 33 13-1661 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1662 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	42.64	11.05
26 05 33 13-1663 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	49.85	13.27
26 05 33 13-1664 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	55.55	15.48
26 05 33 13-1665 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	61.21	17.69
26 05 33 13-1666 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	67.05	19.90
26 05 33 13-1667 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	75.62	22.12
26 05 33 13-1668 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	87.99	25.44
26 05 33 13-1669 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	101.16	28.75
26 05 33 13-1670 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	115.90	33.17
26 05 33 13-1671 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	133.38	38.71
26 05 33 13-1672 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	156.39	44.24
26 05 33 13-1673 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint .....	181.67	49.76
<b>26 05 33 13-1674 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1675 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	43.39	3.10
26 05 33 13-1676 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	48.46	3.54
26 05 33 13-1677 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	50.77	3.98
26 05 33 13-1678 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	53.14	4.42
26 05 33 13-1679 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	56.57	5.53
26 05 33 13-1680 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	63.41	6.63
26 05 33 13-1681 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	78.31	8.85
26 05 33 13-1682 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	95.04	11.05
26 05 33 13-1683 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	111.75	14.37
26 05 33 13-1684 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	128.48	17.69
26 05 33 13-1685 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	160.62	22.12
26 05 33 13-1686 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter .....	199.97	27.65
<b>26 05 33 13-1687 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1688 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	50.17	11.05
26 05 33 13-1689 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	58.20	13.27
26 05 33 13-1690 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	69.63	15.48
26 05 33 13-1691 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	85.93	17.69
26 05 33 13-1692 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	106.91	19.90
26 05 33 13-1693 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	139.99	22.12
26 05 33 13-1694 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	196.87	25.44
26 05 33 13-1695 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	237.15	28.75
26 05 33 13-1696 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	286.21	33.17
26 05 33 13-1697 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	338.01	38.71
26 05 33 13-1698 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	397.15	44.24
26 05 33 13-1699 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint .....	610.91	49.76
<b>26 05 33 13-1700 Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover</b> <small>(26 05 33 13-1543)</small>		
26 05 33 13-1701 EA 1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover .....	42.06	8.85
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.64	
26 05 33 13-1702 EA 3/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover .....	48.67	9.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.47	
26 05 33 13-1703 EA 1" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover .....	63.90	11.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1704 EA 1-1/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	77.95	13.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.95	
26 05 33 13-1705 EA 1-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	99.05	16.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.44	
26 05 33 13-1706 EA 2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	135.06	19.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33 13-1707 EA 2-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	218.00	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.42	
26 05 33 13-1708 EA 3" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	279.61	26.54
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.91	
26 05 33 13-1709 EA 3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	335.98	30.97
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.22	
26 05 33 13-1710 EA 4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	392.36	35.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.54	
26 05 33 13-1711 EA 5" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	462.06	39.81
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.86	
26 05 33 13-1712 EA 6" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	523.77	44.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.18	
<b>26 05 33 13-1713 Explosion Proof Conduit Fittings</b> <small>(26 05 33 13-0041)</small>		
<i>Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.</i>		
<b>26 05 33 13-1714 Explosion Proof Malleable Iron Conduit Unions</b> <small>(26 05 33 13-1713)</small>		
26 05 33 13-1715 EA 1/2" Explosion Proof Malleable Iron Conduit Union.....	25.50	5.24
26 05 33 13-1716 EA 3/4" Explosion Proof Malleable Iron Conduit Union.....	31.54	5.80
26 05 33 13-1717 EA 1" Explosion Proof Malleable Iron Conduit Union.....	50.27	7.73
26 05 33 13-1718 EA 1-1/4" Explosion Proof Malleable Iron Conduit Union.....	66.81	8.56
26 05 33 13-1719 EA 1-1/2" Explosion Proof Malleable Iron Conduit Union.....	84.12	10.49
26 05 33 13-1720 EA 2" Explosion Proof Malleable Iron Conduit Union.....	104.94	12.15
26 05 33 13-1721 EA 2-1/2" Explosion Proof Malleable Iron Conduit Union.....	159.86	17.36
26 05 33 13-1722 EA 3" Explosion Proof Malleable Iron Conduit Union.....	203.41	20.66
26 05 33 13-1723 EA 3-1/2" Explosion Proof Malleable Iron Conduit Union.....	343.13	24.79
26 05 33 13-1724 EA 4" Explosion Proof Malleable Iron Conduit Union.....	363.07	31.68
<b>26 05 33 13-1725 Explosion Proof Malleable Iron Conduit Bodies</b> <small>(26 05 33 13-1713)</small>		
26 05 33 13-1726 EA 1/2" Explosion Proof Malleable Iron Two Hub Conduit Body.....	90.61	16.56
26 05 33 13-1727 EA 3/4" Explosion Proof Malleable Iron Two Hub Conduit Body.....	102.13	18.77
26 05 33 13-1728 EA 1" Explosion Proof Malleable Iron Two Hub Conduit Body.....	119.81	20.70
26 05 33 13-1729 EA 1/2" Explosion Proof Malleable Iron Three Hub Conduit Body.....	101.90	20.70
26 05 33 13-1730 EA 3/4" Explosion Proof Malleable Iron Three Hub Conduit Body.....	121.38	24.84
26 05 33 13-1731 EA 1" Explosion Proof Malleable Iron Three Hub Conduit Body.....	143.80	28.42
<b>26 05 33 13-1732 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical</b> <small>(26 05 33 13-1713)</small>		
<i>Note: Includes sealing gasket and lock nut.</i>		
26 05 33 13-1733 EA 1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	74.94	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.35	
26 05 33 13-1734 EA 3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	76.34	15.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.59	
26 05 33 13-1735 EA 1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	83.33	16.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.63	
26 05 33 13-1736 EA 1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	107.26	20.70
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.52	
26 05 33 13-1737 EA 1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	137.32	24.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.21	
26 05 33 13-1738 EA 2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	177.13	27.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.70	
26 05 33 13-1739 EA 2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	251.80	41.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.99	
26 05 33 13-1740 EA 3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	318.32	51.78
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.84	
26 05 33 13-1741 EA 3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	452.51	57.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.76	
26 05 33 13-1742 EA 4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	586.00	61.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.48	
<b>26 05 33 13-1743 Explosion Proof Flexible Conduit Couplings</b> <small>(26 05 33 13-1713)</small>		
26 05 33 13-1744 EA 1/2" x 12" Explosion Proof Flexible Conduit Coupling.....	206.40	6.35
26 05 33 13-1745 EA 3/4" x 15" Explosion Proof Flexible Conduit Coupling.....	270.28	7.17

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 33 13-1746	<b>Conduit Installed Below Grade</b> <small>(26 05 33 13-0040)</small> Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.		
26 05 33 13-1747	<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial</b> <small>(26 05 33 13-1746)</small>		
26 05 33 13-1748	<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial</b> <small>(26 05 33 13-1747)</small> Note: Includes field bend conduit up to 1".		
26 05 33 13-1749	LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	1.95	
	For Schedule 60, Add	0.13	
	For Schedule 80, Add	0.24	
26 05 33 13-1750	LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	2.15	
	For Schedule 60, Add	0.15	
	For Schedule 80, Add	0.27	
26 05 33 13-1751	LF 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	2.39	
	For Schedule 60, Add	0.18	
	For Schedule 80, Add	0.32	
26 05 33 13-1752	LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	2.64	
	For Schedule 60, Add	0.22	
	For Schedule 80, Add	0.37	
26 05 33 13-1753	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	2.87	
	For Schedule 60, Add	0.25	
	For Schedule 80, Add	0.42	
26 05 33 13-1754	LF 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	3.17	
	For Schedule 60, Add	0.29	
	For Schedule 80, Add	0.49	
26 05 33 13-1755	LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	3.72	
	For Schedule 60, Add	0.40	
	For Schedule 80, Add	0.64	
26 05 33 13-1756	LF 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	4.07	
	For Schedule 60, Add	0.46	
	For Schedule 80, Add	0.73	
26 05 33 13-1757	LF 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	4.57	
	For Schedule 60, Add	0.56	
	For Schedule 80, Add	0.87	
26 05 33 13-1758	LF 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	4.86	
	For Schedule 60, Add	0.61	
	For Schedule 80, Add	0.94	
26 05 33 13-1759	LF 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	5.82	
	For Schedule 60, Add	0.82	
	For Schedule 80, Add	1.24	
26 05 33 13-1760	LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial .....	6.81	
	For Schedule 60, Add	1.04	
	For Schedule 80, Add	1.55	
26 05 33 13-1761	<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial</b> <small>(26 05 33 13-1747)</small> See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33 13-1762	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	14.44	
	For Schedule 60, Add	0.85	
	For Schedule 80, Add	1.60	
26 05 33 13-1763	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	17.29	
	For Schedule 60, Add	1.00	
	For Schedule 80, Add	1.90	
26 05 33 13-1764	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	20.48	
	For Schedule 60, Add	1.25	
	For Schedule 80, Add	2.33	
26 05 33 13-1765	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	23.76	
	For Schedule 60, Add	1.52	
	For Schedule 80, Add	2.79	
26 05 33 13-1766	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	27.11	
	For Schedule 60, Add	1.80	
	For Schedule 80, Add	3.27	
26 05 33 13-1767	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	30.61	
	For Schedule 60, Add	2.12	
	For Schedule 80, Add	3.80	
26 05 33 13-1768	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	35.96	
	For Schedule 60, Add	2.91	
	For Schedule 80, Add	4.98	
26 05 33 13-1769	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	42.50	
	For Schedule 60, Add	3.99	
	For Schedule 80, Add	6.58	
26 05 33 13-1770	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	51.83	
	For Schedule 60, Add	5.22	
	For Schedule 80, Add	8.46	
26 05 33 13-1771	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	61.15	
	For Schedule 60, Add	6.44	
	For Schedule 80, Add	10.34	
26 05 33 13-1772	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	78.98	
	For Schedule 60, Add	9.79	
	For Schedule 80, Add	15.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1773 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	92.59	
<i>For Schedule 60, Add</i>	12.09	
<i>For Schedule 80, Add</i>	18.58	
<b>26 05 33 13-1774 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial</b> <small>(26 05 33 13-1747)</small>		
See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33 13-1775 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	14.31	
<i>For Schedule 60, Add</i>	0.81	
<i>For Schedule 80, Add</i>	1.55	
26 05 33 13-1776 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	17.25	
<i>For Schedule 60, Add</i>	0.99	
<i>For Schedule 80, Add</i>	1.89	
26 05 33 13-1777 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	20.41	
<i>For Schedule 60, Add</i>	1.23	
<i>For Schedule 80, Add</i>	2.31	
26 05 33 13-1778 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	23.56	
<i>For Schedule 60, Add</i>	1.47	
<i>For Schedule 80, Add</i>	2.72	
26 05 33 13-1779 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	26.67	
<i>For Schedule 60, Add</i>	1.69	
<i>For Schedule 80, Add</i>	3.11	
26 05 33 13-1780 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	30.37	
<i>For Schedule 60, Add</i>	2.06	
<i>For Schedule 80, Add</i>	3.72	
26 05 33 13-1781 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	35.51	
<i>For Schedule 60, Add</i>	2.80	
<i>For Schedule 80, Add</i>	4.83	
26 05 33 13-1782 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	41.94	
<i>For Schedule 60, Add</i>	3.85	
<i>For Schedule 80, Add</i>	6.39	
26 05 33 13-1783 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	50.26	
<i>For Schedule 60, Add</i>	4.82	
<i>For Schedule 80, Add</i>	7.91	
26 05 33 13-1784 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	59.79	
<i>For Schedule 60, Add</i>	6.10	
<i>For Schedule 80, Add</i>	9.87	
26 05 33 13-1785 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	77.22	
<i>For Schedule 60, Add</i>	9.35	
<i>For Schedule 80, Add</i>	14.59	
26 05 33 13-1786 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	87.37	
<i>For Schedule 60, Add</i>	10.78	
<i>For Schedule 80, Add</i>	16.76	
<b>26 05 33 13-1787 Polyvinyl Chloride (PVC) Conduit Adapters, Direct Burial</b> <small>(26 05 33 13-1747)</small>		
26 05 33 13-1788 EA 1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	8.02	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.32	
26 05 33 13-1789 EA 3/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	9.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.66	
26 05 33 13-1790 EA 1" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	10.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.99	
26 05 33 13-1791 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	11.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.32	
26 05 33 13-1792 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	12.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.65	
26 05 33 13-1793 EA 2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	14.27	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98	
26 05 33 13-1794 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	16.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-1795 EA 3" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	19.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.98	
26 05 33 13-1796 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	22.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1797 EA 4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	25.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.64	
26 05 33 13-1798 EA 5" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	32.18	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.47	
26 05 33 13-1799 EA 6" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial .....	36.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.30	
<b>26 05 33 13-1800 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial</b> <small>(26 05 33 13-1747)</small>		
26 05 33 13-1801 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	14.87	
26 05 33 13-1802 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	16.41	
26 05 33 13-1803 EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	18.72	
26 05 33 13-1804 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	20.89	
26 05 33 13-1805 EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	23.04	
26 05 33 13-1806 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	27.28	
26 05 33 13-1807 EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	30.05	
26 05 33 13-1808 EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	36.72	
26 05 33 13-1809 EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	40.99	

**26 Electrical**  
**26 05 Common Work Results For Electrical**  
**26 05 33 Raceway And Boxes For Electrical Systems**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1810			<b>Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial</b> <small>(26 05 33 13-1747)</small>		
26 05 33 13-1811	EA		1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial.....	7.97	
26 05 33 13-1812	EA		3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial.....	9.22	
26 05 33 13-1813	EA		1" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial.....	10.39	
26 05 33 13-1814	EA		1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial.....	11.63	
26 05 33 13-1815	EA		1-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	12.80	
26 05 33 13-1816	EA		2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	14.13	
26 05 33 13-1817	EA		2-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	16.66	
26 05 33 13-1818	EA		3" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	18.99	
26 05 33 13-1819	EA		3-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	22.43	
26 05 33 13-1820	EA		4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	25.27	
26 05 33 13-1821	EA		5" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	31.10	
26 05 33 13-1822	EA		6" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial.....	35.11	
26 05 33 13-1823			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial</b> <small>(26 05 33 13-1746)</small>		
			Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).		
26 05 33 13-1824			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
			Note: Includes field bending for conduit up to 1".		
26 05 33 13-1825	LF		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	7.74	1.32
			For >500 To 1,000, Deduct.....	-0.49	
			For >250 To 500, Deduct.....	-0.30	
			For >1,000, Deduct.....	-0.69	
26 05 33 13-1826	LF		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	8.74	1.64
			For >500 To 1,000, Deduct.....	-0.56	
			For >250 To 500, Deduct.....	-0.34	
			For >1,000, Deduct.....	-0.78	
26 05 33 13-1827	LF		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	10.82	1.83
			For >500 To 1,000, Deduct.....	-0.70	
			For >250 To 500, Deduct.....	-0.43	
			For >1,000, Deduct.....	-0.97	
26 05 33 13-1828	LF		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	13.18	2.46
			For >500 To 1,000, Deduct.....	-0.86	
			For >250 To 500, Deduct.....	-0.53	
			For >1,000, Deduct.....	-1.19	
26 05 33 13-1829	LF		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	15.57	2.77
			For >500 To 1,000, Deduct.....	-1.03	
			For >250 To 500, Deduct.....	-0.64	
			For >1,000, Deduct.....	-1.42	
26 05 33 13-1830	LF		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	19.82	3.02
			For >500 To 1,000, Deduct.....	-1.31	
			For >250 To 500, Deduct.....	-0.82	
			For >1,000, Deduct.....	-1.81	
26 05 33 13-1831	LF		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	29.00	4.53
			For >500 To 1,000, Deduct.....	-1.94	
			For >250 To 500, Deduct.....	-1.21	
			For >1,000, Deduct.....	-2.66	
26 05 33 13-1832	LF		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	37.25	5.67
			For >500 To 1,000, Deduct.....	-2.48	
			For >250 To 500, Deduct.....	-1.55	
			For >1,000, Deduct.....	-3.41	
26 05 33 13-1833	LF		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	45.91	5.98
			For >500 To 1,000, Deduct.....	-3.05	
			For >250 To 500, Deduct.....	-1.90	
			For >1,000, Deduct.....	-4.20	
26 05 33 13-1834	LF		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	54.45	6.61
			For >500 To 1,000, Deduct.....	-3.61	
			For >250 To 500, Deduct.....	-2.25	
			For >1,000, Deduct.....	-4.97	
26 05 33 13-1835	LF		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	86.94	9.13
			For >500 To 1,000, Deduct.....	-5.92	
			For >250 To 500, Deduct.....	-3.75	
			For >1,000, Deduct.....	-8.10	
26 05 33 13-1836	LF		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	116.58	11.96
			For >500 To 1,000, Deduct.....	-7.99	
			For >250 To 500, Deduct.....	-5.07	
			For >1,000, Deduct.....	-10.90	
26 05 33 13-1837			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
26 05 33 13-1838	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	8.30	1.89
26 05 33 13-1839	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	9.78	2.52
26 05 33 13-1840	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	12.45	3.15
26 05 33 13-1841	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	14.09	3.46
26 05 33 13-1842	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	16.72	4.09
26 05 33 13-1843	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	21.92	4.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1844 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	42.22	5.67
26 05 33 13-1845 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	53.24	7.86
26 05 33 13-1846 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	66.37	9.13
26 05 33 13-1847 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	81.44	12.59
26 05 33 13-1848 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	217.94	17.31
26 05 33 13-1849 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	224.29	9.76
<b>26 05 33 13-1850 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
<small>Note: 90, 45, or 30 degree.</small>		
26 05 33 13-1851 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial .....	31.58	7.86
26 05 33 13-1852 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	35.96	9.76
26 05 33 13-1853 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	42.78	11.96
26 05 33 13-1854 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	50.88	13.85
26 05 33 13-1855 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	59.96	15.74
26 05 33 13-1856 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	74.38	17.31
26 05 33 13-1857 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	118.33	21.72
26 05 33 13-1858 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	178.85	29.59
26 05 33 13-1859 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	223.77	33.36
26 05 33 13-1860 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	252.88	43.43
26 05 33 13-1861 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	541.69	70.82
26 05 33 13-1862 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	855.80	106.39
<b>26 05 33 13-1863 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
26 05 33 13-1864 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	80.12	11.96
26 05 33 13-1865 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	89.86	13.85
26 05 33 13-1866 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	102.64	15.74
26 05 33 13-1867 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	123.63	17.31
26 05 33 13-1868 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	174.07	21.72
<b>26 05 33 13-1869 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
26 05 33 13-1870 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	90.22	11.96
26 05 33 13-1871 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	106.55	13.85
26 05 33 13-1872 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	114.61	15.74
26 05 33 13-1873 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	149.72	17.31
26 05 33 13-1874 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	199.22	21.72
26 05 33 13-1875 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	253.45	29.59
<b>26 05 33 13-1876 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1823)</small>		
26 05 33 13-1877 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	102.29	11.96
26 05 33 13-1878 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	115.24	13.85
26 05 33 13-1879 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	129.96	15.74
26 05 33 13-1880 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	158.37	17.31
26 05 33 13-1881 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	228.13	21.72
26 05 33 13-1882 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	287.39	29.59

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1883	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	365.89	33.36
26 05 33 13-1884	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	407.72	43.43
<b>26 05 33 13-1885</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small></b>		
26 05 33 13-1886	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	123.15	11.96
26 05 33 13-1887	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	135.64	13.85
26 05 33 13-1888	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	153.12	15.74
26 05 33 13-1889	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	191.72	17.31
26 05 33 13-1890	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	279.86	21.72
26 05 33 13-1891	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	344.89	29.59
26 05 33 13-1892	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	401.00	33.36
26 05 33 13-1893	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	472.17	43.43
<b>26 05 33 13-1894</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small></b>		
26 05 33 13-1895	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	139.37	11.96
26 05 33 13-1896	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	154.62	13.85
26 05 33 13-1897	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	175.91	15.74
26 05 33 13-1898	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	220.75	17.31
26 05 33 13-1899	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	308.09	21.72
26 05 33 13-1900	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	390.88	29.59
26 05 33 13-1901	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	486.36	33.36
26 05 33 13-1902	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	531.34	43.43
26 05 33 13-1903	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	887.08	70.82
<b>26 05 33 13-1904</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small></b>		
26 05 33 13-1905	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	160.60	11.96
26 05 33 13-1906	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	177.57	13.85
26 05 33 13-1907	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	200.90	15.74
26 05 33 13-1908	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	252.95	17.31
26 05 33 13-1909	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	355.13	21.72
26 05 33 13-1910	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	449.47	29.59
26 05 33 13-1911	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	529.13	33.36
26 05 33 13-1912	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	607.71	43.43
26 05 33 13-1913	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	940.61	70.82
26 05 33 13-1914	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,278.76	106.39
<b>26 05 33 13-1915</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small></b>		
26 05 33 13-1916	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	190.14	11.96
26 05 33 13-1917	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	198.02	13.85
26 05 33 13-1918	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	234.34	15.74
26 05 33 13-1919	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	297.77	17.31





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1920 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	418.55	21.72
26 05 33 13-1921 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	528.47	29.59
26 05 33 13-1922 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	648.04	33.36
26 05 33 13-1923 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	756.30	43.43
26 05 33 13-1924 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,115.21	70.82
26 05 33 13-1925 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,358.91	106.39
<b>26 05 33 13-1926 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1923)</small></b>		
26 05 33 13-1927 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	197.26	11.96
26 05 33 13-1928 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	232.61	13.85
26 05 33 13-1929 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	263.27	15.74
26 05 33 13-1930 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	311.26	17.31
26 05 33 13-1931 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	434.39	21.72
26 05 33 13-1932 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	552.76	29.59
26 05 33 13-1933 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	712.80	33.36
26 05 33 13-1934 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	790.00	43.43
26 05 33 13-1935 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,162.11	70.82
26 05 33 13-1936 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,399.63	106.39
<b>26 05 33 13-1937 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1923)</small></b>		
26 05 33 13-1938 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	62.96	7.86
26 05 33 13-1939 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	67.59	9.76
26 05 33 13-1940 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	88.37	11.96
26 05 33 13-1941 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	131.43	13.85
26 05 33 13-1942 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	156.59	15.74
26 05 33 13-1943 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	201.36	17.31
26 05 33 13-1944 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	269.16	21.72
26 05 33 13-1945 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	354.63	21.72
26 05 33 13-1946 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	452.75	33.36
26 05 33 13-1947 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	582.54	43.43
26 05 33 13-1948 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,068.10	70.82
26 05 33 13-1949 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,316.17	106.39
<b>26 05 33 13-1950 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial <small>(26 05 33 13-1923)</small></b>		
26 05 33 13-1951 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	64.55	7.86
26 05 33 13-1952 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	73.66	9.76
26 05 33 13-1953 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	91.61	11.96
26 05 33 13-1954 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	137.37	13.85
26 05 33 13-1955 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	164.84	15.74
26 05 33 13-1956 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	219.18	17.31
26 05 33 13-1957 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	307.29	21.72

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1958	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial .....	393.40	21.72
26 05 33 13-1959	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial .....	522.84	33.36
26 05 33 13-1960	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial .....	652.37	43.43
26 05 33 13-1961	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial .....	1,196.10	70.82
26 05 33 13-1962	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial .....	1,522.86	106.39
<b>26 05 33 13-1963</b>			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial</b> <small>(26 05 33 13-1963)</small>		
26 05 33 13-1964	EA		1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	20.94	3.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.27	
26 05 33 13-1965	EA		3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	23.09	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.83	
26 05 33 13-1966	EA		1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	26.36	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.59	
26 05 33 13-1967	EA		1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	31.56	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.16	
26 05 33 13-1968	EA		1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	34.03	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.72	
26 05 33 13-1969	EA		1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	23.30	4.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.46	
26 05 33 13-1970	EA		3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	24.92	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.83	
26 05 33 13-1971	EA		1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	28.21	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.59	
26 05 33 13-1972	EA		1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	33.52	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.16	
26 05 33 13-1973	EA		1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	36.14	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.72	
26 05 33 13-1974	EA		2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	38.93	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.29	
26 05 33 13-1975	EA		1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	23.43	4.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.46	
26 05 33 13-1976	EA		3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	25.04	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.83	
26 05 33 13-1977	EA		1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	28.44	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.59	
26 05 33 13-1978	EA		1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	33.77	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.16	
26 05 33 13-1979	EA		1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	36.39	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.72	
26 05 33 13-1980	EA		2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	39.59	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.29	
26 05 33 13-1981	EA		1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	25.17	4.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.46	
26 05 33 13-1982	EA		3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	26.78	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.83	
26 05 33 13-1983	EA		1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	30.31	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.59	
26 05 33 13-1984	EA		1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	34.83	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.16	
26 05 33 13-1985	EA		1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	37.56	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.72	
26 05 33 13-1986	EA		2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	41.64	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1987 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	59.53	10.70
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-1988 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	76.23	14.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-1989 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.29	4.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-1990 EA 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.02	4.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-1991 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	30.57	5.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-1992 EA 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.89	6.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-1993 EA 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	38.74	7.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-1994 EA 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	43.69	8.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-1995 EA 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	61.35	10.70
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-1996 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	80.13	14.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-1997 EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	96.40	16.68
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-1998 EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	110.88	21.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-1999 EA 1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.53	4.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-2000 EA 3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.28	4.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-2001 EA 1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	30.84	5.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-2002 EA 1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.39	6.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-2003 EA 1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.25	7.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-2004 EA 2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	44.81	8.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-2005 EA 2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	68.55	10.70
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-2006 EA 3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	85.96	14.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-2007 EA 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	97.65	16.68
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-2008 EA 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	114.21	21.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-2009 EA 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	169.89	29.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.94	
26 05 33 13-2010 EA 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.99	4.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-2011 EA 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.73	4.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-2012 EA 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	31.33	5.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-2013 EA 1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.30	6.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-2014 EA 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.35	7.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2015	EA		2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.92	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-2016	EA		2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	75.87	10.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-2017	EA		3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	93.72	14.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-2018	EA		3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	104.63	16.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-2019	EA		4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	125.99	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-2020	EA		5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	187.51	29.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94	
26 05 33 13-2021	EA		1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	26.70	4.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-2022	EA		3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	28.43	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-2023	EA		1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	32.43	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-2024	EA		1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.54	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-2025	EA		1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.58	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-2026	EA		2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.37	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-2027	EA		2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	84.87	10.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-2028	EA		3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	104.33	14.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-2029	EA		3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	122.12	16.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-2030	EA		4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	143.68	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-2031	EA		5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	199.59	29.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94	
26 05 33 13-2032	EA		1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	27.45	4.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.46	
26 05 33 13-2033	EA		3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	29.16	4.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-2034	EA		1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.51	5.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 33 13-2035	EA		1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.83	6.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-2036	EA		1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.88	7.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-2037	EA		2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.39	8.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.29	
26 05 33 13-2038	EA		2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	94.39	10.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.42	
26 05 33 13-2039	EA		3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	117.92	14.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.87	
26 05 33 13-2040	EA		3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	140.49	16.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01	
26 05 33 13-2041	EA		4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	174.64	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.03	
26 05 33 13-2042	EA		5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	223.68	29.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2043 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	28.22	4.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.46	
26 05 33 13-2044 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	30.02	4.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-2045 EA 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	36.25	5.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.59	
26 05 33 13-2046 EA 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	46.25	6.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.16	
26 05 33 13-2047 EA 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	54.30	7.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-2048 EA 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	65.82	8.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.29	
26 05 33 13-2049 EA 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	107.08	10.70
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.42	
26 05 33 13-2050 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	138.30	14.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.87	
26 05 33 13-2051 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	151.76	16.68
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.01	
26 05 33 13-2052 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	184.13	21.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.03	
26 05 33 13-2053 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial .....	227.12	29.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.94	
<b>26 05 33 13-2054</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit</b> <small>(26 05 33 13-1746)</small>		
Note: Direct burial or encased application.		
<b>26 05 33 13-2055</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2056 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	3.59	0.72
For Work In Restricted Working Space, Add	0.54	
26 05 33 13-2057 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	3.96	0.77
For Work In Restricted Working Space, Add	0.58	
26 05 33 13-2058 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	4.22	0.83
For Work In Restricted Working Space, Add	0.62	
26 05 33 13-2059 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	4.47	0.88
For Work In Restricted Working Space, Add	0.66	
26 05 33 13-2060 LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	4.80	0.94
For Work In Restricted Working Space, Add	0.71	
26 05 33 13-2061 LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	5.00	0.99
For Work In Restricted Working Space, Add	0.75	
26 05 33 13-2062 LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	5.64	1.05
For Work In Restricted Working Space, Add	0.79	
26 05 33 13-2063 LF 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	6.38	1.10
For Work In Restricted Working Space, Add	0.83	
26 05 33 13-2064 LF 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	6.97	1.16
For Work In Restricted Working Space, Add	0.87	
26 05 33 13-2065 LF 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	7.55	1.21
For Work In Restricted Working Space, Add	0.91	
26 05 33 13-2066 LF 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	8.82	1.27
For Work In Restricted Working Space, Add	0.95	
26 05 33 13-2067 LF 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial .....	10.37	1.32
For Work In Restricted Working Space, Add	1.00	
<b>26 05 33 13-2068</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2069 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	47.14	5.53
For Work In Restricted Working Space, Add	4.15	
For 24" Radius, Add	3.19	
For 36" Radius, Add	4.71	
For 48" Radius, Add	6.24	
26 05 33 13-2070 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	53.89	6.63
For Work In Restricted Working Space, Add	4.98	
For 24" Radius, Add	3.63	
For 36" Radius, Add	5.39	
For 48" Radius, Add	7.15	
26 05 33 13-2071 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	57.03	7.74
For Work In Restricted Working Space, Add	5.81	
For 24" Radius, Add	3.79	
For 36" Radius, Add	5.70	
For 48" Radius, Add	7.61	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2072	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	60.17	8.85
			<i>For Work In Restricted Working Space, Add</i>	6.64	
			<i>For 24" Radius, Add</i>	3.96	
			<i>For 36" Radius, Add</i>	6.02	
			<i>For 48" Radius, Add</i>	8.07	
26 05 33 13-2073	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	63.32	9.95
			<i>For Work In Restricted Working Space, Add</i>	7.47	
			<i>For 24" Radius, Add</i>	4.13	
			<i>For 36" Radius, Add</i>	6.33	
			<i>For 48" Radius, Add</i>	8.54	
26 05 33 13-2074	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	71.38	11.05
			<i>For Work In Restricted Working Space, Add</i>	8.30	
			<i>For 24" Radius, Add</i>	4.66	
			<i>For 36" Radius, Add</i>	7.14	
			<i>For 48" Radius, Add</i>	9.61	
26 05 33 13-2075	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	82.75	12.17
			<i>For Work In Restricted Working Space, Add</i>	9.12	
			<i>For 24" Radius, Add</i>	5.45	
			<i>For 36" Radius, Add</i>	8.28	
			<i>For 48" Radius, Add</i>	11.10	
26 05 33 13-2076	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	95.98	13.27
			<i>For Work In Restricted Working Space, Add</i>	9.95	
			<i>For 24" Radius, Add</i>	6.37	
			<i>For 36" Radius, Add</i>	9.60	
			<i>For 48" Radius, Add</i>	12.83	
26 05 33 13-2077	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	109.37	15.48
			<i>For Work In Restricted Working Space, Add</i>	11.61	
			<i>For 24" Radius, Add</i>	7.24	
			<i>For 36" Radius, Add</i>	10.94	
			<i>For 48" Radius, Add</i>	14.64	
26 05 33 13-2078	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	122.75	19.90
			<i>For Work In Restricted Working Space, Add</i>	13.27	
			<i>For 24" Radius, Add</i>	8.10	
			<i>For 36" Radius, Add</i>	12.28	
			<i>For 48" Radius, Add</i>	16.45	
26 05 33 13-2079	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	147.90	19.90
			<i>For Work In Restricted Working Space, Add</i>	14.93	
			<i>For 24" Radius, Add</i>	9.85	
			<i>For 36" Radius, Add</i>	14.79	
			<i>For 48" Radius, Add</i>	19.73	
26 05 33 13-2080	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	177.96	22.12
			<i>For Work In Restricted Working Space, Add</i>	16.59	
			<i>For 24" Radius, Add</i>	11.96	
			<i>For 36" Radius, Add</i>	17.80	
			<i>For 48" Radius, Add</i>	23.63	
26 05 33 13-2081			<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2082	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	21.53	3.10
			<i>For Work In Restricted Working Space, Add</i>	2.32	
26 05 33 13-2083	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	24.22	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.66	
26 05 33 13-2084	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	25.48	3.98
			<i>For Work In Restricted Working Space, Add</i>	2.99	
26 05 33 13-2085	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	26.71	4.42
			<i>For Work In Restricted Working Space, Add</i>	3.32	
26 05 33 13-2086	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	28.15	4.87
			<i>For Work In Restricted Working Space, Add</i>	3.65	
26 05 33 13-2087	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	32.29	5.31
			<i>For Work In Restricted Working Space, Add</i>	3.98	
26 05 33 13-2088	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	37.83	5.97
			<i>For Work In Restricted Working Space, Add</i>	4.48	
26 05 33 13-2089	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	44.07	6.63
			<i>For Work In Restricted Working Space, Add</i>	4.98	
26 05 33 13-2090	EA		3-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	50.26	7.74
			<i>For Work In Restricted Working Space, Add</i>	5.81	
26 05 33 13-2091	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	56.47	8.85
			<i>For Work In Restricted Working Space, Add</i>	6.64	
26 05 33 13-2092	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	67.82	9.95
			<i>For Work In Restricted Working Space, Add</i>	7.47	
26 05 33 13-2093	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	81.30	11.05
			<i>For Work In Restricted Working Space, Add</i>	8.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-2094</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2095    EA    1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	15.52	3.10
For Work In Restricted Working Space, Add	2.32	
26 05 33 13-2096    EA    3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	17.50	3.54
For Work In Restricted Working Space, Add	2.66	
26 05 33 13-2097    EA    1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	18.69	3.98
For Work In Restricted Working Space, Add	2.99	
26 05 33 13-2098    EA    1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	19.88	4.42
For Work In Restricted Working Space, Add	3.32	
26 05 33 13-2099    EA    1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	21.09	4.87
For Work In Restricted Working Space, Add	3.65	
26 05 33 13-2100    EA    2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	22.25	5.31
For Work In Restricted Working Space, Add	3.98	
26 05 33 13-2101    EA    2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	25.70	5.97
For Work In Restricted Working Space, Add	4.48	
26 05 33 13-2102    EA    3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	29.52	6.63
For Work In Restricted Working Space, Add	4.98	
26 05 33 13-2103    EA    3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	33.89	7.74
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-2104    EA    4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	38.28	8.85
For Work In Restricted Working Space, Add	6.64	
26 05 33 13-2105    EA    5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	45.11	9.95
For Work In Restricted Working Space, Add	7.47	
26 05 33 13-2106    EA    6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial .....	52.90	11.05
For Work In Restricted Working Space, Add	8.30	
<b>26 05 33 13-2107</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2108    EA    1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	14.10	1.77
For Work In Restricted Working Space, Add	1.33	
26 05 33 13-2109    EA    3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	15.74	1.99
For Work In Restricted Working Space, Add	1.49	
26 05 33 13-2110    EA    1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	16.40	2.21
For Work In Restricted Working Space, Add	1.66	
26 05 33 13-2111    EA    1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	17.02	2.44
For Work In Restricted Working Space, Add	1.82	
26 05 33 13-2112    EA    1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	17.82	2.66
For Work In Restricted Working Space, Add	1.99	
26 05 33 13-2113    EA    2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	21.06	3.10
For Work In Restricted Working Space, Add	2.32	
26 05 33 13-2114    EA    2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	25.38	3.76
For Work In Restricted Working Space, Add	2.82	
26 05 33 13-2115    EA    3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	30.22	4.42
For Work In Restricted Working Space, Add	3.32	
26 05 33 13-2116    EA    3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	35.38	5.53
For Work In Restricted Working Space, Add	4.15	
26 05 33 13-2117    EA    4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	40.55	6.63
For Work In Restricted Working Space, Add	4.98	
26 05 33 13-2118    EA    5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	49.29	7.74
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-2119    EA    6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	59.56	8.85
For Work In Restricted Working Space, Add	6.64	
<b>26 05 33 13-2120</b> <b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints</b> <small>(26 05 33 13-2054)</small>		
26 05 33 13-2121    EA    1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	38.31	11.05
For Work In Restricted Working Space, Add	8.30	
26 05 33 13-2122    EA    3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	45.00	13.27
For Work In Restricted Working Space, Add	9.95	
26 05 33 13-2123    EA    1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	50.67	15.48
For Work In Restricted Working Space, Add	11.61	
26 05 33 13-2124    EA    1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	56.28	17.69
For Work In Restricted Working Space, Add	13.27	
26 05 33 13-2125    EA    1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	59.32	18.80
For Work In Restricted Working Space, Add	14.10	
26 05 33 13-2126    EA    2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	64.41	19.90
For Work In Restricted Working Space, Add	14.93	
26 05 33 13-2127    EA    2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	70.12	21.02
For Work In Restricted Working Space, Add	15.76	
26 05 33 13-2128    EA    3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	76.40	22.12
For Work In Restricted Working Space, Add	16.59	
26 05 33 13-2129    EA    3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	81.80	23.22
For Work In Restricted Working Space, Add	17.42	
26 05 33 13-2130    EA    4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	87.21	24.33
For Work In Restricted Working Space, Add	18.25	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2131	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	96.56	25.44
			<i>For Work In Restricted Working Space, Add</i>	19.08	
26 05 33	13-2132	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	107.58	26.54
			<i>For Work In Restricted Working Space, Add</i>	19.91	
<b>26 05 33 13-2133 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints <small>(26 05 33 13-2054)</small></b>					
26 05 33	13-2134	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	42.64	11.05
			<i>For Work In Restricted Working Space, Add</i>	8.30	
26 05 33	13-2135	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	49.85	13.27
			<i>For Work In Restricted Working Space, Add</i>	9.95	
26 05 33	13-2136	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	55.55	15.48
			<i>For Work In Restricted Working Space, Add</i>	11.61	
26 05 33	13-2137	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	61.21	17.69
			<i>For Work In Restricted Working Space, Add</i>	13.27	
26 05 33	13-2138	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	64.30	18.80
			<i>For Work In Restricted Working Space, Add</i>	14.10	
26 05 33	13-2139	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	70.09	19.90
			<i>For Work In Restricted Working Space, Add</i>	14.93	
26 05 33	13-2140	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	76.93	21.02
			<i>For Work In Restricted Working Space, Add</i>	15.76	
26 05 33	13-2141	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	84.57	22.12
			<i>For Work In Restricted Working Space, Add</i>	16.59	
26 05 33	13-2142	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	91.01	23.22
			<i>For Work In Restricted Working Space, Add</i>	17.42	
26 05 33	13-2143	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	97.44	24.33
			<i>For Work In Restricted Working Space, Add</i>	18.25	
26 05 33	13-2144	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	109.39	25.44
			<i>For Work In Restricted Working Space, Add</i>	19.08	
26 05 33	13-2145	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial.....	123.61	26.54
			<i>For Work In Restricted Working Space, Add</i>	19.91	
<b>26 05 33 13-2146 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters <small>(26 05 33 13-2054)</small></b>					
26 05 33	13-2147	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	43.39	3.10
			<i>For Work In Restricted Working Space, Add</i>	2.32	
26 05 33	13-2148	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	48.46	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.66	
26 05 33	13-2149	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	50.77	3.98
			<i>For Work In Restricted Working Space, Add</i>	2.99	
26 05 33	13-2150	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	53.14	4.42
			<i>For Work In Restricted Working Space, Add</i>	3.32	
26 05 33	13-2151	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	54.92	4.87
			<i>For Work In Restricted Working Space, Add</i>	3.65	
26 05 33	13-2152	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	60.09	5.31
			<i>For Work In Restricted Working Space, Add</i>	3.98	
26 05 33	13-2153	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	71.12	5.97
			<i>For Work In Restricted Working Space, Add</i>	4.48	
26 05 33	13-2154	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	83.98	6.63
			<i>For Work In Restricted Working Space, Add</i>	4.98	
26 05 33	13-2155	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	106.36	8.85
			<i>For Work In Restricted Working Space, Add</i>	6.64	
26 05 33	13-2156	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	130.22	9.95
			<i>For Work In Restricted Working Space, Add</i>	7.47	
26 05 33	13-2157	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial.....	158.50	11.05
			<i>For Work In Restricted Working Space, Add</i>	8.30	
<b>26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints <small>(26 05 33 13-2054)</small></b>					
26 05 33	13-2159	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	50.17	11.05
			<i>For Work In Restricted Working Space, Add</i>	8.30	
26 05 33	13-2160	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	58.20	13.27
			<i>For Work In Restricted Working Space, Add</i>	9.95	
26 05 33	13-2161	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	69.63	15.48
			<i>For Work In Restricted Working Space, Add</i>	11.61	
26 05 33	13-2162	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	85.93	17.69
			<i>For Work In Restricted Working Space, Add</i>	13.27	
26 05 33	13-2163	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	104.16	18.80
			<i>For Work In Restricted Working Space, Add</i>	14.10	
26 05 33	13-2164	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	134.46	19.90
			<i>For Work In Restricted Working Space, Add</i>	14.93	
26 05 33	13-2165	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	185.81	21.02
			<i>For Work In Restricted Working Space, Add</i>	15.76	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2166 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	220.56	22.12
<i>For Work In Restricted Working Space, Add</i> .....	16.59	
26 05 33 13-2167 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	261.32	23.22
<i>For Work In Restricted Working Space, Add</i> .....	17.42	
26 05 33 13-2168 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	302.07	24.33
<i>For Work In Restricted Working Space, Add</i> .....	18.25	
26 05 33 13-2169 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	350.15	25.44
<i>For Work In Restricted Working Space, Add</i> .....	19.08	
26 05 33 13-2170 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial.....	552.85	26.54
<i>For Work In Restricted Working Space, Add</i> .....	19.91	
<b>26 05 33 13-2171 Spacers</b> <small>(26 05 33 13-1746)</small>		
<small>Note: For concrete encasement applications. See CSI section 03 31 13 00-0039 for concrete., 26 05 33 13-1746 for conduit.</small>		
26 05 33 13-2172 EA 1" Base Spacers, Average 4" Wide, Direct Burial.....	5.87	
26 05 33 13-2173 EA 1" Intermediate Spacers, Average 4" Wide, Direct Burial.....	6.31	
26 05 33 13-2174 EA 1-1/4" Base Spacer, Average 4" Wide, Direct Burial.....	6.99	
26 05 33 13-2175 EA 1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial.....	7.52	
26 05 33 13-2176 EA 1-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	7.05	
26 05 33 13-2177 EA 1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial.....	7.57	
26 05 33 13-2178 EA 2" Base Spacer, Average 4" Wide, Direct Burial.....	8.75	
26 05 33 13-2179 EA 2" Intermediate Spacers, Average 4" Wide, Direct Burial.....	8.13	
26 05 33 13-2180 EA 2-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	9.67	
26 05 33 13-2181 EA 2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial.....	9.35	
26 05 33 13-2182 EA 3" Base Spacer, Average 4" Wide, Direct Burial.....	11.05	
26 05 33 13-2183 EA 3" Intermediate Spacers, Average 4" Wide, Direct Burial.....	10.56	
26 05 33 13-2184 EA 3-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	11.97	
26 05 33 13-2185 EA 3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial.....	11.45	
26 05 33 13-2186 EA 4" Base Spacer, Average 4" Wide, Direct Burial.....	12.35	
26 05 33 13-2187 EA 4" Intermediate Spacers, Average 4" Wide, Direct Burial.....	11.78	
26 05 33 13-2188 EA 5" Base Spacer, Average 4" Wide, Direct Burial.....	13.65	
26 05 33 13-2189 EA 5" Intermediate Spacers, Average 4" Wide, Direct Burial.....	12.99	
26 05 33 13-2190 EA 6" Base Spacer, Average 4" Wide, Direct Burial.....	15.42	
26 05 33 13-2191 EA 6" Intermediate Spacers, Average 4" Wide, Direct Burial.....	14.86	
<b>26 05 33 13-2192 Conduit Field Bending</b> <small>(26 05 33 13-0040)</small>		
<b>26 05 33 13-2193 Metallic Conduit Field Bending</b> <small>(26 05 33 13-2192)</small>		
<small>Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.</small>		
26 05 33 13-2194 EA 1-1/4" Metallic Conduit Field Bending.....	10.66	
26 05 33 13-2195 EA 1-1/2" Metallic Conduit Field Bending.....	14.21	
26 05 33 13-2196 EA 2" Metallic Conduit Field Bending.....	17.76	
26 05 33 13-2197 EA 2-1/2" Metallic Conduit Field Bending.....	24.87	
26 05 33 13-2198 EA 3" Metallic Conduit Field Bending.....	31.98	
26 05 33 13-2199 EA 3-1/2" Metallic Conduit Field Bending.....	39.08	
26 05 33 13-2200 EA 4" Metallic Conduit Field Bending.....	46.19	
26 05 33 13-2201 EA 5" Metallic Conduit Field Bending.....	56.85	
26 05 33 13-2202 EA 6" Metallic Conduit Field Bending.....	67.50	
<b>26 05 33 13-2203 Plastic Conduit Field Bending</b> <small>(26 05 33 13-2192)</small>		
<small>Note: For PVC conduits.</small>		
26 05 33 13-2204 EA 1" Plastic Conduit Field Bending.....	16.34	
26 05 33 13-2205 EA 1-1/4" Plastic Conduit Field Bending.....	17.76	
26 05 33 13-2206 EA 1-1/2" Plastic Conduit Field Bending.....	21.31	
26 05 33 13-2207 EA 2" Plastic Conduit Field Bending.....	28.42	
26 05 33 13-2208 EA 2-1/2" Plastic Conduit Field Bending.....	35.53	
26 05 33 13-2209 EA 3" Plastic Conduit Field Bending.....	42.64	
26 05 33 13-2210 EA 3-1/2" Plastic Conduit Field Bending.....	49.74	
26 05 33 13-2211 EA 4" Plastic Conduit Field Bending.....	56.85	
26 05 33 13-2212 EA 5" Plastic Conduit Field Bending.....	63.95	
26 05 33 13-2213 EA 6" Plastic Conduit Field Bending.....	71.05	
<b>26 05 33 13-2214 Cut And Thread Existing In-Place Threaded Conduit</b> <small>(26 05 33 13-0040)</small>		
<small>Note: For use when connecting conduit to an existing in-place system.</small>		
26 05 33 13-2215 EA 1/2", Cut And Thread Existing In-Place Threaded Conduit.....	20.70	
<i>For Work In Restricted Working Space, Add</i> .....	6.21	
26 05 33 13-2216 EA 3/4", Cut And Thread Existing In-Place Threaded Conduit.....	22.77	
<i>For Work In Restricted Working Space, Add</i> .....	6.83	
26 05 33 13-2217 EA 1", Cut And Thread Existing In-Place Threaded Conduit.....	24.84	
<i>For Work In Restricted Working Space, Add</i> .....	7.45	
26 05 33 13-2218 EA 1-1/4", Cut And Thread Existing In-Place Threaded Conduit.....	26.91	
<i>For Work In Restricted Working Space, Add</i> .....	8.07	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2219	EA		1-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	28.29	
			<i>For Work In Restricted Working Space, Add</i>	8.49	
26 05 33 13-2220	EA		2", Cut And Thread Existing In-Place Threaded Conduit.....	29.67	
			<i>For Work In Restricted Working Space, Add</i>	8.90	
26 05 33 13-2221	EA		2-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	31.05	
			<i>For Work In Restricted Working Space, Add</i>	9.32	
26 05 33 13-2222	EA		3", Cut And Thread Existing In-Place Threaded Conduit.....	32.43	
			<i>For Work In Restricted Working Space, Add</i>	9.73	
26 05 33 13-2223	EA		3-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	33.11	
			<i>For Work In Restricted Working Space, Add</i>	9.93	
26 05 33 13-2224	EA		4", Cut And Thread Existing In-Place Threaded Conduit.....	33.81	
			<i>For Work In Restricted Working Space, Add</i>	10.14	
26 05 33 13-2225	EA		5", Cut And Thread Existing In-Place Threaded Conduit.....	35.18	
			<i>For Work In Restricted Working Space, Add</i>	10.55	
26 05 33 13-2226	EA		6", Cut And Thread Existing In-Place Threaded Conduit.....	36.57	
			<i>For Work In Restricted Working Space, Add</i>	10.97	
26 05 33 13-2227			<b>Flexible Conduit</b> (26 05 33 13-0040)		
26 05 33 13-2228			<b>Flexible Liquid Tight Metallic Conduit And Connectors</b> (26 05 33 13-2227)		
			Note: Steel inner core with PVC cover.		
26 05 33 13-2229			<b>Flexible Liquid Tight Metallic Conduit</b> (26 05 33 13-2228)		
26 05 33 13-2230	LF		3/8" Flexible Liquid Tight Metallic Conduit.....	2.92	0.75
			<i>For Work In Restricted Working Space, Add</i>	0.57	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.28	
26 05 33 13-2231	LF		1/2" Flexible Liquid Tight Metallic Conduit.....	3.07	0.75
			<i>For Work In Restricted Working Space, Add</i>	0.57	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.28	
26 05 33 13-2232	LF		3/4" Flexible Liquid Tight Metallic Conduit.....	4.12	1.00
			<i>For Work In Restricted Working Space, Add</i>	0.76	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.38	
26 05 33 13-2233	LF		1" Flexible Liquid Tight Metallic Conduit.....	4.93	1.00
			<i>For Work In Restricted Working Space, Add</i>	0.76	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.38	
26 05 33 13-2234	LF		1-1/4" Flexible Liquid Tight Metallic Conduit.....	6.44	1.26
			<i>For Work In Restricted Working Space, Add</i>	0.95	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
26 05 33 13-2235	LF		1-1/2" Flexible Liquid Tight Metallic Conduit.....	8.40	1.51
			<i>For Work In Restricted Working Space, Add</i>	1.13	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.57	
26 05 33 13-2236	LF		2" Flexible Liquid Tight Metallic Conduit.....	11.02	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.76	
26 05 33 13-2237	LF		2-1/2" Flexible Liquid Tight Metallic Conduit.....	15.54	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.70	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.85	
26 05 33 13-2238	LF		3" Flexible Liquid Tight Metallic Conduit.....	23.52	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.04	
26 05 33 13-2239	LF		4" Flexible Liquid Tight Metallic Conduit.....	32.52	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.32	
26 05 33 13-2240			<b>Straight Connector</b> (26 05 33 13-2228)		
26 05 33 13-2241	EA		3/8" Straight Liquid Tight Connector.....	7.97	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.51	
26 05 33 13-2242	EA		1/2" Straight Liquid Tight Connector.....	7.97	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.51	
26 05 33 13-2243	EA		3/4" Straight Liquid Tight Connector.....	9.87	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.70	
26 05 33 13-2244	EA		1" Straight Liquid Tight Connector.....	13.79	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2245	EA		1-1/4" Straight Liquid Tight Connector.....	18.24	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2246	EA		1-1/2" Straight Liquid Tight Connector.....	23.70	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-2247	EA		2" Straight Liquid Tight Connector.....	33.42	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-2248	EA		2-1/2" Straight Liquid Tight Connector.....	123.02	4.53
			<i>For Work In Restricted Working Space, Add</i>	3.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
26 05 33 13-2249	EA		3" Straight Liquid Tight Connector.....	159.87	4.78
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2250 EA 4" Straight Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.26 5.29 5.29	7.05
<b>26 05 33 13-2251 90 Degree Angle Connector</b> <small>(26 05 33 13-2228)</small>		
26 05 33 13-2252 EA 3/8" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.81 2.08 2.08	2.77
26 05 33 13-2253 EA 1/2" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.44 2.08 2.08	2.77
26 05 33 13-2254 EA 3/4" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19 2.27 2.27	3.02
26 05 33 13-2255 EA 1" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.89 2.65 2.65	3.52
26 05 33 13-2256 EA 1-1/4" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.10 2.83 2.83	3.78
26 05 33 13-2257 EA 1-1/2" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.52 3.02 3.02	4.03
26 05 33 13-2258 EA 2" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.30 3.40 3.40	4.53
26 05 33 13-2259 EA 2-1/2" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	173.69 3.59 3.59	4.78
26 05 33 13-2260 EA 3" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	205.37 4.16 4.16	5.54
26 05 33 13-2261 EA 4" 90 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	282.75 6.61 6.61	8.82
<b>26 05 33 13-2262 45 Degree Angle Connector</b> <small>(26 05 33 13-2228)</small>		
26 05 33 13-2263 EA 3/8" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60 2.08 2.08	2.77
26 05 33 13-2264 EA 1/2" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.75 2.08 2.08	2.77
26 05 33 13-2265 EA 3/4" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.19 2.27 2.27	3.02
26 05 33 13-2266 EA 1" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.61 2.65 2.65	3.52
26 05 33 13-2267 EA 1-1/4" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.98 2.83 2.83	3.78
26 05 33 13-2268 EA 1-1/2" 45 Degree Angle Liquid Tight Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.36 3.02 3.02	4.03
<b>26 05 33 13-2269 Flexible Metallic Conduit And Connectors</b> <small>(26 05 33 13-2227)</small>		
<b>26 05 33 13-2270 Flexible Steel Conduit</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2271 LF 3/8" Flexible Metallic Conduit..... <i>For Installation In Metal Stud Wall, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.56 0.20 0.61 0.30 0.09 0.51	0.82
26 05 33 13-2272 LF 1/2" Flexible Metallic Conduit..... <i>For Installation In Metal Stud Wall, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.66 0.21 0.62 0.31 0.10 0.52	0.82
26 05 33 13-2273 LF 3/4" Flexible Metallic Conduit..... <i>For Installation In Metal Stud Wall, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	3.05 0.22 0.67 0.34 0.13 0.56	1.10

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2274	LF	1"	Flexible Metallic Conduit.....	3.92	1.10
			<i>For Installation In Metal Stud Wall, Add</i>	0.24	
			<i>For Work In Restricted Working Space, Add</i>	0.72	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.36	
			<i>For Flexible Aluminum Conduit, Add</i>	0.25	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.60	
26 05 33 13-2275	LF	1-1/4"	Flexible Metallic Conduit.....	4.51	1.37
			<i>For Installation In Metal Stud Wall, Add</i>	0.26	
			<i>For Work In Restricted Working Space, Add</i>	0.77	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.38	
			<i>For Flexible Aluminum Conduit, Add</i>	0.32	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.64	
26 05 33 13-2276	LF	1-1/2"	Flexible Metallic Conduit.....	6.09	1.65
			<i>For Installation In Metal Stud Wall, Add</i>	0.27	
			<i>For Work In Restricted Working Space, Add</i>	0.80	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.40	
			<i>For Flexible Aluminum Conduit, Add</i>	0.57	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.66	
26 05 33 13-2277	LF	2"	Flexible Metallic Conduit.....	6.98	2.21
			<i>For Installation In Metal Stud Wall, Add</i>	0.28	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.41	
			<i>For Flexible Aluminum Conduit, Add</i>	0.70	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.69	
26 05 33 13-2278	LF	2-1/2"	Flexible Steel Conduit.....	8.55	2.48
			<i>For Installation In Metal Stud Wall, Add</i>	0.34	
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.52	
			<i>For Flexible Aluminum Conduit, Add</i>	0.84	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.86	
26 05 33 13-2279	LF	3"	Flexible Metallic Conduit.....	13.00	3.03
			<i>For Installation In Metal Stud Wall, Add</i>	0.41	
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.62	
			<i>For Flexible Aluminum Conduit, Add</i>	1.46	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.03	
26 05 33 13-2280	LF	3-1/2"	Flexible Metallic Conduit.....	16.00	3.31
			<i>For Installation In Metal Stud Wall, Add</i>	0.48	
			<i>For Work In Restricted Working Space, Add</i>	1.45	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.72	
			<i>For Flexible Aluminum Conduit, Add</i>	1.84	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.21	
26 05 33 13-2281	LF	4"	Flexible Metallic Conduit.....	18.40	3.86
			<i>For Installation In Metal Stud Wall, Add</i>	0.55	
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.83	
			<i>For Flexible Aluminum Conduit, Add</i>	2.13	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.38	
<b>26 05 33 13-2282</b>			<b>Plain Squeeze Type Straight Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2283	EA	3/8"	Flexible Straight Connectors, Plain.....	4.46	2.21
			<i>For Work In Restricted Working Space, Add</i>	0.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.93	
26 05 33 13-2284	EA	1/2"	Flexible Straight Connectors, Plain.....	5.60	2.48
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.03	
26 05 33 13-2285	EA	3/4"	Flexible Straight Connectors, Plain.....	6.41	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33 13-2286	EA	1"	Flexible Straight Connectors, Plain.....	10.50	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33 13-2287	EA	1-1/4"	Flexible Straight Connectors, Plain.....	15.07	3.86
			<i>For Work In Restricted Working Space, Add</i>	2.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
26 05 33 13-2288	EA	1-1/2"	Flexible Straight Connectors, Plain.....	19.96	4.68
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33 13-2289	EA	2"	Flexible Straight Connectors, Plain.....	26.48	4.68
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 33 13-2290	EA	2-1/2"	Flexible Straight Connectors, Plain.....	43.78	5.79
			<i>For Work In Restricted Working Space, Add</i>	3.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.62	
26 05 33 13-2291	EA	3"	Flexible Straight Connectors, Plain.....	57.76	6.34
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33 13-2292	EA	3-1/2"	Flexible Straight Connectors, Plain.....	185.62	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.65	
26 05 33 13-2293	EA	4"	Flexible Straight Connectors, Plain.....	232.45	9.08
			<i>For Work In Restricted Working Space, Add</i>	5.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-2294 Insulated Throat Squeeze Type Straight Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2295 EA 1/2" Flexible Straight Connectors, Insulated.....	6.34	2.48
For Work In Restricted Working Space, Add	1.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.03	
26 05 33 13-2296 EA 3/4" Flexible Straight Connectors, Insulated.....	7.38	3.03
For Work In Restricted Working Space, Add	1.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.24	
26 05 33 13-2297 EA 1" Flexible Straight Connectors, Insulated.....	11.82	3.31
For Work In Restricted Working Space, Add	1.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.65	
26 05 33 13-2298 EA 1-1/4" Flexible Straight Connectors, Insulated.....	17.51	3.86
For Work In Restricted Working Space, Add	2.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.07	
26 05 33 13-2299 EA 1-1/2" Flexible Straight Connectors, Insulated.....	24.30	4.13
For Work In Restricted Working Space, Add	2.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.58	
26 05 33 13-2300 EA 2" Flexible Straight Connectors, Insulated.....	34.15	4.68
For Work In Restricted Working Space, Add	3.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.10	
26 05 33 13-2301 EA 2-1/2" Flexible Straight Connectors, Insulated.....	60.18	5.79
For Work In Restricted Working Space, Add	3.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.62	
26 05 33 13-2302 EA 3" Flexible Straight Connectors, Insulated.....	77.10	6.34
For Work In Restricted Working Space, Add	4.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-2303 EA 3-1/2" Flexible Straight Connectors, Insulated.....	215.43	7.44
For Work In Restricted Working Space, Add	4.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.65	
26 05 33 13-2304 EA 4" Flexible Straight Connectors, Insulated.....	277.27	9.08
For Work In Restricted Working Space, Add	5.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
<b>26 05 33 13-2305 Plain Squeeze Type 90 Degree Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2306 EA 3/8" Flexible 90 Degree Connector, Plain.....	6.31	2.76
For Work In Restricted Working Space, Add	1.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.24	
26 05 33 13-2307 EA 1/2" Flexible 90 Degree Connector, Plain.....	8.47	3.03
For Work In Restricted Working Space, Add	1.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.45	
26 05 33 13-2308 EA 3/4" Flexible 90 Degree Connector, Plain.....	11.21	3.31
For Work In Restricted Working Space, Add	1.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.65	
26 05 33 13-2309 EA 1" Flexible 90 Degree Connector, Plain.....	15.91	3.86
For Work In Restricted Working Space, Add	2.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.07	
26 05 33 13-2310 EA 1-1/4" Flexible 90 Degree Connector, Plain.....	25.38	4.13
For Work In Restricted Working Space, Add	2.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.48	
26 05 33 13-2311 EA 1-1/2" Flexible 90 Degree Connector, Plain.....	40.25	4.82
For Work In Restricted Working Space, Add	3.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.10	
26 05 33 13-2312 EA 2" Flexible 90 Degree Connector, Plain.....	48.70	5.93
For Work In Restricted Working Space, Add	3.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.51	
26 05 33 13-2313 EA 2-1/2" Flexible 90 Degree Connector, Plain.....	110.21	6.34
For Work In Restricted Working Space, Add	4.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-2314 EA 3" Flexible 90 Degree Connector, Plain.....	142.10	7.44
For Work In Restricted Working Space, Add	4.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.65	
26 05 33 13-2315 EA 3-1/2" Flexible 90 Degree Connector, Plain.....	305.14	9.08
For Work In Restricted Working Space, Add	5.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 05 33 13-2316 EA 4" Flexible 90 Degree Connector, Plain.....	547.51	10.33
For Work In Restricted Working Space, Add	6.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.20	
<b>26 05 33 13-2317 Insulated Throat Squeeze Type 90 Degree Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2318 EA 1/2" Flexible 90 Degree Connector, Insulated.....	9.50	3.03
For Work In Restricted Working Space, Add	1.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.45	
26 05 33 13-2319 EA 3/4" Flexible 90 Degree Connector, Insulated.....	12.49	3.31
For Work In Restricted Working Space, Add	1.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.65	
26 05 33 13-2320 EA 1" Flexible 90 Degree Connector, Insulated.....	15.91	3.86
For Work In Restricted Working Space, Add	2.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.07	
26 05 33 13-2321 EA 1-1/4" Flexible 90 Degree Connector, Insulated.....	29.90	4.13
For Work In Restricted Working Space, Add	2.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.48	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2322	EA	1-1/2" Flexible 90 Degree Connector, Insulated .....	48.47	4.82
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 33	13-2323	EA	2" Flexible 90 Degree Connector, Insulated.....	62.06	5.93
			<i>For Work In Restricted Working Space, Add</i>	3.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.51	
26 05 33	13-2324	EA	2-1/2" Flexible 90 Degree Connector, Insulated .....	151.98	6.34
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-2325	EA	3" Flexible 90 Degree Connector, Insulated.....	187.35	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.65	
26 05 33	13-2326	EA	3-1/2" Flexible 90 Degree Connector, Insulated .....	510.23	9.08
			<i>For Work In Restricted Working Space, Add</i>	5.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 05 33	13-2327	EA	4" Flexible 90 Degree Connector, Insulated.....	762.33	10.33
			<i>For Work In Restricted Working Space, Add</i>	6.20	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.20	
<b>26 05 33</b>	<b>13-2328</b>		<b>Plain Squeeze Type 45 Degree Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33	13-2329	EA	3/8" Flexible 45 Degree Connector, Plain .....	7.14	2.76
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33	13-2330	EA	1/2" Flexible 45 Degree Connector, Plain .....	9.80	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.45	
26 05 33	13-2331	EA	3/4" Flexible 45 Degree Connector, Plain .....	12.70	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
<b>26 05 33</b>	<b>13-2332</b>		<b>Insulated Squeeze Type 45 Degree Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33	13-2333	EA	3/8" Flexible 45 Degree Connector, Insulated.....	7.72	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33	13-2334	EA	1/2" Flexible 45 Degree Connector, Insulated.....	10.75	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.45	
26 05 33	13-2335	EA	3/4" Flexible 45 Degree Connector, Insulated.....	14.04	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
<b>26 05 33</b>	<b>13-2336</b>		<b>Plain Screw-In Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33	13-2337	EA	3/8" Flexible Steel Screw-in Connector, Plain.....	3.60	2.21
			<i>For Work In Restricted Working Space, Add</i>	0.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.93	
26 05 33	13-2338	EA	1/2" Flexible Steel Screw-in Connector, Plain.....	3.86	2.48
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.03	
26 05 33	13-2339	EA	3/4" Flexible Steel Screw-in Connector, Plain.....	4.98	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33	13-2340	EA	1" Flexible Steel Screw-in Connector, Plain.....	7.21	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33	13-2341	EA	1-1/4" Flexible Steel Screw-in Connector, Plain.....	10.88	3.86
			<i>For Work In Restricted Working Space, Add</i>	2.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
26 05 33	13-2342	EA	1-1/2" Flexible Steel Screw-in Connector, Plain.....	13.25	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33	13-2343	EA	2" Flexible Steel Screw-in Connector, Plain.....	19.98	4.68
			<i>For Work In Restricted Working Space, Add</i>	3.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
<b>26 05 33</b>	<b>13-2344</b>		<b>Insulated Screw-In Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33	13-2345	EA	3/8" Flexible Steel Screw-in Connector, Insulated .....	3.85	2.21
			<i>For Work In Restricted Working Space, Add</i>	0.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.93	
26 05 33	13-2346	EA	1/2" Flexible Steel Screw-in Connector, Insulated .....	4.05	2.48
			<i>For Work In Restricted Working Space, Add</i>	1.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.03	
26 05 33	13-2347	EA	3/4" Flexible Steel Screw-in Connector, Insulated .....	5.48	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33	13-2348	EA	1" Flexible Steel Screw-in Connector, Insulated .....	7.98	3.31
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33	13-2349	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated .....	11.98	3.86
			<i>For Work In Restricted Working Space, Add</i>	2.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2350 EA 1-1/2" Flexible Steel Screw-in Connector, Insulated.....	14.56	4.13
<i>For Work In Restricted Working Space, Add</i>	2.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 33 13-2351 EA 2" Flexible Steel Screw-in Connector, Insulated.....	21.14	4.68
<i>For Work In Restricted Working Space, Add</i>	3.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
<b>26 05 33 13-2352 Screw-In Coupling</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2353 EA 1/2" Flexible Steel Screw-in Coupling.....	4.34	2.48
<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 33 13-2354 EA 3/4" Flexible Steel Screw-in Coupling.....	5.78	3.03
<i>For Work In Restricted Working Space, Add</i>	1.24	
<b>26 05 33 13-2355 Flexible To Electrical Metallic Tubing (EMT) Coupling</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2356 EA 3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling.....	6.17	2.21
<i>For Work In Restricted Working Space, Add</i>	0.93	
26 05 33 13-2357 EA 1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling.....	8.55	2.48
<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 33 13-2358 EA 3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling.....	11.40	3.03
<i>For Work In Restricted Working Space, Add</i>	1.24	
<b>26 05 33 13-2359 Die Cast Squeeze Type Straight Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2360 EA 3/8" Flexible Straight Connector, Die Cast.....	3.76	2.21
<i>For Work In Restricted Working Space, Add</i>	0.93	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.93	
26 05 33 13-2361 EA 1/2" Flexible Straight Connector, Die Cast.....	4.26	2.48
<i>For Work In Restricted Working Space, Add</i>	1.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.03	
26 05 33 13-2362 EA 3/4" Flexible Straight Connector, Die Cast.....	5.32	3.03
<i>For Work In Restricted Working Space, Add</i>	1.24	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33 13-2363 EA 1" Flexible Straight Connector, Die Cast.....	8.15	3.31
<i>For Work In Restricted Working Space, Add</i>	1.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33 13-2364 EA 1-1/4" Flexible Straight Connector, Die Cast.....	11.11	3.86
<i>For Work In Restricted Working Space, Add</i>	2.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
26 05 33 13-2365 EA 1-1/2" Flexible Straight Connector, Die Cast.....	15.23	4.13
<i>For Work In Restricted Working Space, Add</i>	2.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33 13-2366 EA 2" Flexible Straight Connector, Die Cast.....	19.87	4.68
<i>For Work In Restricted Working Space, Add</i>	3.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
<b>26 05 33 13-2367 Die Cast Squeeze Type 90 Degree Connector</b> <small>(26 05 33 13-2269)</small>		
26 05 33 13-2368 EA 3/8" Flexible 90 Degree Connector, Die Cast.....	4.97	2.76
<i>For Work In Restricted Working Space, Add</i>	1.24	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.24	
26 05 33 13-2369 EA 1/2" Flexible 90 Degree Connector, Die Cast.....	6.22	3.03
<i>For Work In Restricted Working Space, Add</i>	1.45	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.45	
26 05 33 13-2370 EA 3/4" Flexible 90 Degree Connector, Die Cast.....	7.62	3.31
<i>For Work In Restricted Working Space, Add</i>	1.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33 13-2371 EA 1" Flexible 90 Degree Connector, Die Cast.....	12.49	3.86
<i>For Work In Restricted Working Space, Add</i>	2.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
26 05 33 13-2372 EA 1-1/4" Flexible 90 Degree Connector, Die Cast.....	18.03	4.13
<i>For Work In Restricted Working Space, Add</i>	2.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.48	
26 05 33 13-2373 EA 1-1/2" Flexible 90 Degree Connector, Die Cast.....	28.57	4.82
<i>For Work In Restricted Working Space, Add</i>	3.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.10	
26 05 33 13-2374 EA 2" Flexible 90 Degree Connector, Die Cast.....	34.29	5.93
<i>For Work In Restricted Working Space, Add</i>	3.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.51	
<b>26 05 33 13-2375 Flexible Liquid Tight Non-Metallic Conduit And Connectors</b> <small>(26 05 33 13-2227)</small>		
<b>26 05 33 13-2376 Flexible Liquid Tight Non-Metallic Conduit</b> <small>(26 05 33 13-2375)</small>		
26 05 33 13-2377 LF 3/8" Flexible Liquid Tight Non-Metallic Conduit.....	2.49	0.75
<i>For Work In Restricted Working Space, Add</i>	0.57	
26 05 33 13-2378 LF 1/2" Flexible Liquid Tight Non-Metallic Conduit.....	2.54	0.75
<i>For Work In Restricted Working Space, Add</i>	0.57	
26 05 33 13-2379 LF 3/4" Flexible Liquid Tight Non-Metallic Conduit.....	3.42	1.00
<i>For Work In Restricted Working Space, Add</i>	0.76	
26 05 33 13-2380 LF 1" Flexible Liquid Tight Non-Metallic Conduit.....	4.35	1.00
<i>For Work In Restricted Working Space, Add</i>	0.76	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2381	LF		1-1/4" Flexible Liquid Tight Non-Metallic Conduit .....	5.53	1.26
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2382	LF		1-1/2" Flexible Liquid Tight Non-Metallic Conduit .....	7.09	1.51
			<i>For Work In Restricted Working Space, Add</i>	1.13	
26 05 33 13-2383	LF		2" Flexible Liquid Tight Non-Metallic Conduit.....	9.07	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
<b>26 05 33 13-2384</b>			<b>Liquid Tight Non-Metallic Straight Connector</b> <small>(26 05 33 13-2375)</small>		
26 05 33 13-2385	EA		3/8" Liquid Tight Non-Metallic Straight Connector .....	7.26	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.51	
26 05 33 13-2386	EA		1/2" Liquid Tight Non-Metallic Straight Connector .....	7.26	2.02
			<i>For Work In Restricted Working Space, Add</i>	1.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.51	
26 05 33 13-2387	EA		3/4" Liquid Tight Non-Metallic Straight Connector .....	8.96	2.27
			<i>For Work In Restricted Working Space, Add</i>	1.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.70	
26 05 33 13-2388	EA		1" Liquid Tight Non-Metallic Straight Connector .....	11.24	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2389	EA		1-1/4" Liquid Tight Non-Metallic Straight Connector .....	15.79	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2390	EA		1-1/2" Liquid Tight Non-Metallic Straight Connector .....	19.90	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-2391	EA		2" Liquid Tight Non-Metallic Straight Connector .....	31.47	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
<b>26 05 33 13-2392</b>			<b>Liquid Tight Non-Metallic 90 Degree Angle Connector</b> <small>(26 05 33 13-2375)</small>		
26 05 33 13-2393	EA		3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	10.54	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2394	EA		1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	10.54	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2395	EA		3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	13.11	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-2396	EA		1" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	18.86	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-2397	EA		1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	19.43	3.78
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-2398	EA		1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	31.49	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.02	
26 05 33 13-2399	EA		2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	42.68	4.53
			<i>For Work In Restricted Working Space, Add</i>	3.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
<b>26 05 33 13-2400</b>			<b>Liquid Tight Non-Metallic 45 Degree Angle Connector</b> <small>(26 05 33 13-2375)</small>		
26 05 33 13-2401	EA		3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	10.54	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2402	EA		1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	10.54	2.77
			<i>For Work In Restricted Working Space, Add</i>	2.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.08	
26 05 33 13-2403	EA		3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	13.11	3.02
			<i>For Work In Restricted Working Space, Add</i>	2.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-2404	EA		1" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	18.86	3.52
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-2405	EA		1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	19.43	3.78
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-2406	EA		1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	31.49	4.03
			<i>For Work In Restricted Working Space, Add</i>	3.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.02	
26 05 33 13-2407	EA		2" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	42.68	4.53
			<i>For Work In Restricted Working Space, Add</i>	3.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
26 05 33 13-2408			<b>Blue ENT Electrical Non-Metallic Tubing</b> <small>(26 05 33 13-2227)</small>		
			Note: Carlon - FLEX-PLUS.		
26 05 33 13-2409			<b>Blue ENT Electrical Non-Metallic Tubing</b> <small>(26 05 33 13-2408)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2410 LF 1/2" Blue ENT Electrical Non-Metallic Tubing.....	2.33	0.82
<i>For Work In Restricted Working Space, Add</i>	0.62	
26 05 33 13-2411 LF 3/4" Blue ENT Electrical Non-Metallic Tubing.....	3.12	1.10
<i>For Work In Restricted Working Space, Add</i>	0.83	
26 05 33 13-2412 LF 1" Blue ENT Electrical Non-Metallic Tubing.....	3.34	1.10
<i>For Work In Restricted Working Space, Add</i>	0.83	
<b>26 05 33 13-2413 Terminal Adapter</b> <small>(26 05 33 13-2408)</small>		
26 05 33 13-2414 EA 1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	5.93	2.21
<i>For Work In Restricted Working Space, Add</i>	1.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33 13-2415 EA 3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	6.98	2.48
<i>For Work In Restricted Working Space, Add</i>	1.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.86	
26 05 33 13-2416 EA 1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	7.89	2.76
<i>For Work In Restricted Working Space, Add</i>	2.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.07	
<b>26 05 33 13-2417 Coupling</b> <small>(26 05 33 13-2408)</small>		
26 05 33 13-2418 EA 1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	5.87	2.21
<i>For Work In Restricted Working Space, Add</i>	1.65	
26 05 33 13-2419 EA 3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	6.68	2.48
<i>For Work In Restricted Working Space, Add</i>	1.86	
26 05 33 13-2420 EA 1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	7.61	2.76
<i>For Work In Restricted Working Space, Add</i>	2.07	
<b>26 05 33 13-2421 Conduit Bodies</b> <small>(26 05 33 13-0040)</small>		
<b>26 05 33 13-2422 Threaded, Cast Aluminum Conduit Body</b> <small>(26 05 33 13-2421)</small>		
<b>26 05 33 13-2423 Type LB, Threaded, Two Hub Cast Aluminum Conduit Body</b> <small>(26 05 33 13-2422)</small>		
26 05 33 13-2424 EA 1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	37.21	12.09
<i>For Mogul LB, Add</i>	3.74	
<i>For Work In Restricted Working Space, Add</i>	9.06	
<i>For Installation Above 14', Add</i>	4.53	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.06	
26 05 33 13-2425 EA 3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	44.14	13.85
<i>For Mogul LB, Add</i>	5.40	
<i>For Work In Restricted Working Space, Add</i>	10.39	
<i>For Installation Above 14', Add</i>	5.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.39	
26 05 33 13-2426 EA 1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	53.83	16.12
<i>For Mogul LB, Add</i>	8.14	
<i>For Work In Restricted Working Space, Add</i>	12.09	
<i>For Installation Above 14', Add</i>	6.04	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.09	
26 05 33 13-2427 EA 1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	66.17	18.39
<i>For Mogul LB, Add</i>	12.87	
<i>For Work In Restricted Working Space, Add</i>	13.79	
<i>For Installation Above 14', Add</i>	6.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.79	
26 05 33 13-2428 EA 1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	76.45	20.14
<i>For Mogul LB, Add</i>	17.04	
<i>For Work In Restricted Working Space, Add</i>	15.11	
<i>For Installation Above 14', Add</i>	7.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33 13-2429 EA 2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	102.57	24.17
<i>For Mogul LB, Add</i>	28.58	
<i>For Work In Restricted Working Space, Add</i>	18.13	
<i>For Installation Above 14', Add</i>	9.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.13	
26 05 33 13-2430 EA 2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	178.22	34.00
<i>For Mogul LB, Add</i>	65.68	
<i>For Work In Restricted Working Space, Add</i>	25.49	
<i>For Installation Above 14', Add</i>	12.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.49	
26 05 33 13-2431 EA 3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	233.70	45.33
<i>For Mogul LB, Add</i>	84.63	
<i>For Work In Restricted Working Space, Add</i>	33.99	
<i>For Installation Above 14', Add</i>	17.00	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.99	
26 05 33 13-2432 EA 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	313.83	56.66
<i>For Mogul LB, Add</i>	122.05	
<i>For Work In Restricted Working Space, Add</i>	42.50	
<i>For Installation Above 14', Add</i>	21.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.50	
26 05 33 13-2433 EA 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	411.74	68.99
<i>For Mogul LB, Add</i>	170.81	
<i>For Work In Restricted Working Space, Add</i>	51.75	
<i>For Installation Above 14', Add</i>	25.87	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.75	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-2434		<b>Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2422)</small>			
26 05 33 13-2435	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	38.07		12.09
		For Mogul LB, Add	4.38		
		For Work In Restricted Working Space, Add	9.06		
		For Installation Above 14', Add	4.53		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.06		
26 05 33 13-2436	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	44.97		13.85
		For Mogul LB, Add	6.02		
		For Work In Restricted Working Space, Add	10.39		
		For Installation Above 14', Add	5.19		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.39		
26 05 33 13-2437	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	55.50		16.12
		For Mogul LB, Add	9.39		
		For Work In Restricted Working Space, Add	12.09		
		For Installation Above 14', Add	6.04		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.09		
26 05 33 13-2438	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	68.21		18.39
		For Mogul LB, Add	14.40		
		For Work In Restricted Working Space, Add	13.79		
		For Installation Above 14', Add	6.89		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.79		
26 05 33 13-2439	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	79.92		20.14
		For Mogul LB, Add	19.64		
		For Work In Restricted Working Space, Add	15.11		
		For Installation Above 14', Add	7.56		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.11		
26 05 33 13-2440	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	110.02		24.17
		For Mogul LB, Add	34.16		
		For Work In Restricted Working Space, Add	18.13		
		For Installation Above 14', Add	9.07		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.13		
26 05 33 13-2441	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	174.46		34.00
		For Mogul LB, Add	62.86		
		For Work In Restricted Working Space, Add	25.49		
		For Installation Above 14', Add	12.75		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.49		
26 05 33 13-2442	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	221.06		45.33
		For Mogul LB, Add	75.15		
		For Work In Restricted Working Space, Add	33.99		
		For Installation Above 14', Add	17.00		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.99		
26 05 33 13-2443	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	324.60		56.66
		For Mogul LB, Add	130.13		
		For Work In Restricted Working Space, Add	42.50		
		For Installation Above 14', Add	21.25		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.50		
26 05 33 13-2444	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	433.76		68.99
		For Mogul LB, Add	187.33		
		For Work In Restricted Working Space, Add	51.75		
		For Installation Above 14', Add	25.87		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.75		
26 05 33 13-2445		<b>Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2422)</small>			
26 05 33 13-2446	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	43.92		13.85
		For Work In Restricted Working Space, Add	10.39		
		For Installation Above 14', Add	5.19		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.39		
26 05 33 13-2447	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	52.25		16.12
		For Work In Restricted Working Space, Add	12.09		
		For Installation Above 14', Add	6.04		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.09		
26 05 33 13-2448	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	60.99		17.62
		For Work In Restricted Working Space, Add	13.22		
		For Installation Above 14', Add	6.61		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.22		
26 05 33 13-2449	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	76.02		20.14
		For Work In Restricted Working Space, Add	15.11		
		For Installation Above 14', Add	7.56		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.11		
26 05 33 13-2450	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	88.73		22.16
		For Work In Restricted Working Space, Add	16.62		
		For Installation Above 14', Add	8.31		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.62		
26 05 33 13-2451	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	121.85		25.94
		For Work In Restricted Working Space, Add	19.45		
		For Installation Above 14', Add	9.73		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.45		
26 05 33 13-2452	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	195.16		37.77
		For Work In Restricted Working Space, Add	28.33		
		For Installation Above 14', Add	14.16		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.33		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2453 EA 3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	251.89	49.10
For Work In Restricted Working Space, Add	36.83	
For Installation Above 14', Add	18.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.83	
26 05 33 13-2454 EA 3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	419.28	60.44
For Work In Restricted Working Space, Add	45.33	
For Installation Above 14', Add	22.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.33	
26 05 33 13-2455 EA 4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	477.22	72.78
For Work In Restricted Working Space, Add	54.58	
For Installation Above 14', Add	27.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	54.58	
<b>26 05 33 13-2456 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2422)</small>		
26 05 33 13-2457 EA 1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	38.24	12.09
For Work In Restricted Working Space, Add	9.06	
For Installation Above 14', Add	4.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.06	
26 05 33 13-2458 EA 3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	44.38	13.85
For Work In Restricted Working Space, Add	10.39	
For Installation Above 14', Add	5.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.39	
26 05 33 13-2459 EA 1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	54.19	15.87
For Work In Restricted Working Space, Add	11.90	
For Installation Above 14', Add	5.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.90	
26 05 33 13-2460 EA 1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	67.39	18.39
For Work In Restricted Working Space, Add	13.79	
For Installation Above 14', Add	6.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.79	
26 05 33 13-2461 EA 1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	75.88	20.14
For Work In Restricted Working Space, Add	15.11	
For Installation Above 14', Add	7.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.11	
26 05 33 13-2462 EA 2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	102.63	24.17
For Work In Restricted Working Space, Add	18.13	
For Installation Above 14', Add	9.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.13	
26 05 33 13-2463 EA 2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	171.30	34.00
For Work In Restricted Working Space, Add	25.49	
For Installation Above 14', Add	12.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.49	
26 05 33 13-2464 EA 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	219.04	45.33
For Work In Restricted Working Space, Add	33.99	
For Installation Above 14', Add	17.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.99	
26 05 33 13-2465 EA 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	318.12	56.66
For Work In Restricted Working Space, Add	42.50	
For Installation Above 14', Add	21.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.50	
26 05 33 13-2466 EA 4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	413.76	68.99
For Work In Restricted Working Space, Add	51.75	
For Installation Above 14', Add	25.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.75	
<b>26 05 33 13-2467 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2422)</small>		
26 05 33 13-2468 EA 1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	51.06	15.87
For Work In Restricted Working Space, Add	11.90	
For Installation Above 14', Add	5.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.90	
26 05 33 13-2469 EA 3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	59.49	17.62
For Work In Restricted Working Space, Add	13.22	
For Installation Above 14', Add	6.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.22	
26 05 33 13-2470 EA 1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	74.55	19.39
For Work In Restricted Working Space, Add	14.54	
For Installation Above 14', Add	7.27	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.54	
26 05 33 13-2471 EA 1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	86.11	22.16
For Work In Restricted Working Space, Add	16.62	
For Installation Above 14', Add	8.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.62	
26 05 33 13-2472 EA 1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	114.23	24.17
For Work In Restricted Working Space, Add	18.13	
For Installation Above 14', Add	9.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.13	
26 05 33 13-2473 EA 2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	137.71	29.71
For Work In Restricted Working Space, Add	22.28	
For Installation Above 14', Add	11.14	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.28	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2474	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	266.29	43.56
			<i>For Work In Restricted Working Space, Add</i>	32.67	
			<i>For Installation Above 14', Add</i>	16.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.67	
26 05 33	13-2475	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	326.02	56.66
			<i>For Work In Restricted Working Space, Add</i>	42.50	
			<i>For Installation Above 14', Add</i>	21.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.50	
26 05 33	13-2476	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	473.62	70.01
			<i>For Work In Restricted Working Space, Add</i>	52.88	
			<i>For Installation Above 14', Add</i>	26.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.88	
26 05 33	13-2477	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	573.01	84.10
			<i>For Work In Restricted Working Space, Add</i>	63.08	
			<i>For Installation Above 14', Add</i>	31.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.08	
26 05 33	13-2478		<b>Threaded, Malleable Iron Conduit Body</b> <small>(26 05 33 13-2421)</small>		
26 05 33	13-2479		<b>Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2478)</small>		
26 05 33	13-2480	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	39.60	12.09
			<i>For Installation Above 14', Add</i>	4.53	
			<i>For Work In Restricted Working Space, Add</i>	9.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.06	
26 05 33	13-2481	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	46.14	13.85
			<i>For Installation Above 14', Add</i>	5.19	
			<i>For Work In Restricted Working Space, Add</i>	10.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.39	
26 05 33	13-2482	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	57.44	16.12
			<i>For Installation Above 14', Add</i>	6.04	
			<i>For Work In Restricted Working Space, Add</i>	12.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.09	
26 05 33	13-2483	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	76.72	18.39
			<i>For Installation Above 14', Add</i>	6.89	
			<i>For Work In Restricted Working Space, Add</i>	13.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.79	
26 05 33	13-2484	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	88.11	20.14
			<i>For Installation Above 14', Add</i>	7.56	
			<i>For Work In Restricted Working Space, Add</i>	15.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33	13-2485	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	123.61	24.17
			<i>For Installation Above 14', Add</i>	9.07	
			<i>For Work In Restricted Working Space, Add</i>	18.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.13	
26 05 33	13-2486	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	214.29	34.00
			<i>For Installation Above 14', Add</i>	12.75	
			<i>For Work In Restricted Working Space, Add</i>	25.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.50	
26 05 33	13-2487	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	306.20	45.33
			<i>For Installation Above 14', Add</i>	17.00	
			<i>For Work In Restricted Working Space, Add</i>	34.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.00	
26 05 33	13-2488	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	427.20	56.66
			<i>For Installation Above 14', Add</i>	21.25	
			<i>For Work In Restricted Working Space, Add</i>	42.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.50	
26 05 33	13-2489	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	510.16	68.99
			<i>For Installation Above 14', Add</i>	25.87	
			<i>For Work In Restricted Working Space, Add</i>	51.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.75	
26 05 33	13-2490		<b>Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2478)</small>		
26 05 33	13-2491	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	41.77	12.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.06	
26 05 33	13-2492	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	46.78	13.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.39	
26 05 33	13-2493	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	60.76	16.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.09	
26 05 33	13-2494	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	78.94	18.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.79	
26 05 33	13-2495	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	90.83	20.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.11	
26 05 33	13-2496	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	118.03	24.17
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.13	
26 05 33	13-2497	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	183.28	34.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.50	
26 05 33	13-2498	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	250.45	45.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.00	
26 05 33	13-2499	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	460.03	56.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2500 EA 4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	534.37 51.75	68.99
<b>26 05 33 13-2501 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2478)</small>		
26 05 33 13-2502 EA 1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.13 5.19 10.39 10.39	13.85
26 05 33 13-2503 EA 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.05 6.14 12.28 12.28	16.12
26 05 33 13-2504 EA 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.48 6.61 13.22 13.22	17.62
26 05 33 13-2505 EA 1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.20 7.46 14.92 14.92	20.14
26 05 33 13-2506 EA 1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.44 8.31 16.62 16.62	22.16
26 05 33 13-2507 EA 2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	144.80 9.73 19.45 19.45	25.94
26 05 33 13-2508 EA 2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	178.32 14.16 28.33 28.33	37.77
26 05 33 13-2509 EA 3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	262.17 18.41 36.83 36.83	49.10
26 05 33 13-2510 EA 3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	484.64 22.66 45.33 45.33	60.44
26 05 33 13-2511 EA 4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	557.55 27.38 54.77 54.77	72.78
<b>26 05 33 13-2512 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2478)</small>		
26 05 33 13-2513 EA 1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.76 4.53 9.06 9.06	12.09
26 05 33 13-2514 EA 3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.95 5.19 10.39 10.39	13.85
26 05 33 13-2515 EA 1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.59 5.95 11.90 11.90	15.87
26 05 33 13-2516 EA 1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.81 6.89 13.79 13.79	18.39
26 05 33 13-2517 EA 1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.79 7.56 15.11 15.11	20.14
26 05 33 13-2518 EA 2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.80 9.07 18.13 18.13	24.17
26 05 33 13-2519 EA 2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	271.69 23.90 47.81 47.81	63.77
26 05 33 13-2520 EA 3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	273.87 17.00 34.00 34.00	45.33
26 05 33 13-2521 EA 3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	460.03 21.25 42.50 42.50	56.66

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2522	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	534.36 25.87 51.74 51.74	68.99
<b>26 05 33</b>	<b>13-2523</b>		<b>Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2478)</small>		
26 05 33	13-2524	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.84 5.95 11.90 11.90	15.87
26 05 33	13-2525	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.89 6.61 13.22 13.22	17.62
26 05 33	13-2526	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.93 7.27 14.54 14.54	19.39
26 05 33	13-2527	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.69 8.31 16.62 16.62	22.16
26 05 33	13-2528	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	102.58 9.07 18.13 18.13	24.17
26 05 33	13-2529	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.64 11.14 22.28 22.28	29.71
26 05 33	13-2530	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	239.88 16.34 32.67 32.67	43.56
26 05 33	13-2531	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	359.30 21.25 42.50 42.50	56.66
26 05 33	13-2532	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover ..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	551.38 26.25 52.50 52.50	70.01
26 05 33	13-2533	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	609.87 31.54 63.08 63.08	84.10
<b>26 05 33</b>	<b>13-2534</b>		<b>Set Screw, Cast Aluminum Conduit Body</b> <small>(26 05 33 13-2421)</small>		
<b>26 05 33</b>	<b>13-2535</b>		<b>Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2534)</small>		
26 05 33	13-2536	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.11 3.59 1.79 3.59	4.78
26 05 33	13-2537	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.53 4.72 2.36 4.72	6.30
26 05 33	13-2538	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.33 5.86 2.93 5.86	7.80
26 05 33	13-2539	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.41 7.18 3.59 7.18	9.57
26 05 33	13-2540	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.68 8.31 4.16 8.31	11.08
26 05 33	13-2541	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.32 9.44 4.72 9.44	12.59
<b>26 05 33</b>	<b>13-2542</b>		<b>Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2534)</small>		
26 05 33	13-2543	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.33 3.59 1.79 3.59	4.78



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2544 EA 3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	26.40 4.72 2.36 4.72	6.30
26 05 33 13-2545 EA 1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.34 5.86 2.93 5.86	7.80
26 05 33 13-2546 EA 1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.16 7.18 3.59 7.18	9.57
26 05 33 13-2547 EA 1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.71 8.31 4.16 8.31	11.08
26 05 33 13-2548 EA 2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.89 9.44 4.72 9.44	12.59
<b>26 05 33 13-2549 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2534)</small>		
26 05 33 13-2550 EA 1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.00 4.72 2.36 4.72	6.30
26 05 33 13-2551 EA 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.31 5.86 2.93 5.86	7.80
26 05 33 13-2552 EA 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.20 7.18 3.59 7.18	9.57
26 05 33 13-2553 EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.80 8.69 4.34 8.69	11.08
26 05 33 13-2554 EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.77 10.20 5.10 10.20	12.59
26 05 33 13-2555 EA 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.24 11.71 5.85 11.71	14.10
<b>26 05 33 13-2556 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2534)</small>		
26 05 33 13-2557 EA 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.06 3.59 1.79 3.59	4.78
26 05 33 13-2558 EA 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.30 4.72 2.36 4.72	6.30
26 05 33 13-2559 EA 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.42 5.86 2.93 5.86	7.80
26 05 33 13-2560 EA 1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.71 7.18 3.59 7.18	9.57
26 05 33 13-2561 EA 1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.28 8.31 4.16 8.31	11.08
26 05 33 13-2562 EA 2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover ..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.20 9.44 4.72 9.44	12.59
<b>26 05 33 13-2563 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways)</b> <small>(26 05 33 13-2421)</small>		
26 05 33 13-2564 EA 3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.90 10.35	13.78
26 05 33 13-2565 EA 1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	311.57 19.13	25.50
26 05 33 13-2566 EA 3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	599.92 38.81	51.75

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2567			Replacement Covers And Gaskets For Conduit Body <small>(26 05 33 13-242 1)</small>		
26 05 33 13-2568			Replacement Stamped Aluminum Conduit Body Cover <small>(26 05 33 13-2567)</small>		
26 05 33 13-2569	EA		1/2" Replacement Stamped Aluminum Conduit Body Cover .....	7.21	2.46
26 05 33 13-2570	EA		3/4" Replacement Stamped Aluminum Conduit Body Cover .....	8.94	2.87
26 05 33 13-2571	EA		1" Replacement Stamped Aluminum Conduit Body Cover .....	11.43	3.68
26 05 33 13-2572	EA		1-1/4" Replacement Stamped Aluminum Conduit Body Cover .....	13.90	4.50
26 05 33 13-2573	EA		1-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	17.28	5.32
26 05 33 13-2574	EA		2" Replacement Stamped Aluminum Conduit Body Cover .....	20.64	6.14
26 05 33 13-2575	EA		2-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	28.37	6.95
26 05 33 13-2576	EA		3" Replacement Stamped Aluminum Conduit Body Cover .....	35.70	9.82
26 05 33 13-2577	EA		3-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	38.69	11.04
26 05 33 13-2578	EA		4" Replacement Stamped Aluminum Conduit Body Cover .....	48.77	13.91
26 05 33 13-2579			Replacement Cast Steel Conduit Body Cover <small>(26 05 33 13-2567)</small>		
26 05 33 13-2580	EA		1/2" Replacement Cast Steel Conduit Body Cover .....	8.78	2.46
26 05 33 13-2581	EA		3/4" Replacement Cast Steel Conduit Body Cover .....	10.30	2.87
26 05 33 13-2582	EA		1" Replacement Cast Steel Conduit Body Cover .....	14.79	3.68
26 05 33 13-2583	EA		1-1/4" Replacement Cast Steel Conduit Body Cover .....	18.45	4.50
26 05 33 13-2584	EA		1-1/2" Replacement Cast Steel Conduit Body Cover .....	22.58	5.32
26 05 33 13-2585	EA		2" Replacement Cast Steel Conduit Body Cover .....	26.70	6.14
26 05 33 13-2586	EA		2-1/2" Replacement Cast Steel Conduit Body Cover .....	30.78	6.95
26 05 33 13-2587	EA		3" Replacement Cast Steel Conduit Body Cover .....	41.38	9.82
26 05 33 13-2588	EA		3-1/2" Replacement Cast Steel Conduit Body Cover .....	47.65	11.04
26 05 33 13-2589	EA		4" Replacement Cast Steel Conduit Body Cover .....	60.10	13.91
26 05 33 13-2590			Replacement Velbuna Composition Conduit Body Gasket <small>(26 05 33 13-2567)</small>		
26 05 33 13-2591	EA		1/2" Replacement Velbuna Composition Conduit Body Gasket .....	6.51	2.46
26 05 33 13-2592	EA		3/4" Replacement Velbuna Composition Conduit Body Gasket .....	7.37	2.87
26 05 33 13-2593	EA		1" Replacement Velbuna Composition Conduit Body Gasket .....	9.68	3.68
26 05 33 13-2594	EA		1-1/4" Replacement Velbuna Composition Conduit Body Gasket .....	12.85	4.50
26 05 33 13-2595	EA		1-1/2" Replacement Velbuna Composition Conduit Body Gasket .....	14.49	5.32
26 05 33 13-2596	EA		2" Replacement Velbuna Composition Conduit Body Gasket .....	17.42	6.14
26 05 33 13-2597	EA		2-1/2" Replacement Velbuna Composition Conduit Body Gasket .....	23.96	6.95
26 05 33 13-2598	EA		3" Replacement Velbuna Composition Conduit Body Gasket .....	30.19	9.82
26 05 33 13-2599	EA		3-1/2" Replacement Velbuna Composition Conduit Body Gasket .....	33.48	11.04
26 05 33 13-2600	EA		4" Replacement Velbuna Composition Conduit Body Gasket .....	39.14	13.91
26 05 33 13-2601			Replacement Neoprene Conduit Body Gasket <small>(26 05 33 13-2567)</small>		
26 05 33 13-2602	EA		1/2" Replacement Neoprene Conduit Body Gasket .....	7.60	2.46
26 05 33 13-2603	EA		3/4" Replacement Neoprene Conduit Body Gasket .....	8.41	2.87
26 05 33 13-2604	EA		1" Replacement Neoprene Conduit Body Gasket .....	11.04	3.68
26 05 33 13-2605	EA		1-1/4" Replacement Neoprene Conduit Body Gasket .....	13.54	4.50
26 05 33 13-2606	EA		1-1/2" Replacement Neoprene Conduit Body Gasket .....	15.18	5.32
26 05 33 13-2607	EA		2" Replacement Neoprene Conduit Body Gasket .....	17.49	6.14
26 05 33 13-2608	EA		2-1/2" Replacement Neoprene Conduit Body Gasket .....	24.13	6.95
26 05 33 13-2609	EA		3" Replacement Neoprene Conduit Body Gasket .....	30.36	9.82
26 05 33 13-2610	EA		3-1/2" Replacement Neoprene Conduit Body Gasket .....	34.63	11.04
26 05 33 13-2611	EA		4" Replacement Neoprene Conduit Body Gasket .....	40.29	13.91
26 05 33 16			<b>Boxes For Electrical Systems</b> <small>(26 05 33)</small>		
			See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.		
26 05 33 16-0001			Steel Junction, Device, And Fixture Boxes, Rings And Covers <small>(26 05 33 16)</small>		
			Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0111 for steel box/switch assemblies.		
26 05 33 16-0002			4" Square Steel Boxes, Rings And Covers <small>(26 05 33 16-0001)</small>		
26 05 33 16-0003	EA		1-1/2" Depth, 4" Square Steel Box .....	22.55	10.33
			For Stud Bracket, Add .....	0.46	
26 05 33 16-0004	EA		2-1/8" Depth, 4" Square Steel Box .....	23.40	10.33
			For Stud Bracket, Add .....	0.83	
26 05 33 16-0005	EA		3-1/2" Depth, 4" Square Steel Box .....	26.35	10.33
			For Stud Bracket, Add .....	0.91	
26 05 33 16-0006	EA		1-1/2" Depth, 4" Square Steel Extension Ring .....	17.97	6.89
26 05 33 16-0007	EA		2-1/8" Depth, 4" Square Steel Extension Ring .....	14.99	6.89
26 05 33 16-0008	EA		1/2" Depth, 1 Gang, 4" Square Steel Mud Ring .....	7.79	3.44
26 05 33 16-0009	EA		5/8" Depth, 1 Gang, 4" Square Steel Mud Ring .....	7.93	3.44
26 05 33 16-0010	EA		3/4" Depth, 1 Gang, 4" Square Steel Mud Ring .....	8.03	3.44
26 05 33 16-0011	EA		1" Depth, 1 Gang, 4" Square Steel Mud Ring .....	8.34	3.44
26 05 33 16-0012	EA		1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring .....	8.44	3.44
26 05 33 16-0013	EA		1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring .....	9.46	3.44
26 05 33 16-0014	EA		1/2" Depth, 2 Gang, 4" Square Steel Mud Ring .....	8.18	3.44
26 05 33 16-0015	EA		5/8" Depth, 2 Gang, 4" Square Steel Mud Ring .....	8.27	3.44
26 05 33 16-0016	EA		3/4" Depth, 2 Gang, 4" Square Steel Mud Ring .....	8.40	3.44
26 05 33 16-0017	EA		1" Depth, 2 Gang, 4" Square Steel Mud Ring .....	9.44	3.44





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0018 EA 1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	9.65	3.44
26 05 33 16-0019 EA 1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	10.98	3.44
26 05 33 16-0020 EA 3/4" Depth, Fixture Cover, 4" Square Mud Rings.....	8.68	3.44
26 05 33 16-0021 EA 1" Depth, Fixture Cover, 4" Square Mud Rings.....	9.53	3.44
26 05 33 16-0022 EA One Toggle Switch, 4" Square Steel Exposed Work Cover.....	8.16	3.44
26 05 33 16-0023 EA Two Toggle Switches, 4" Square Steel Exposed Work Cover.....	8.24	3.44
26 05 33 16-0024 EA One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	8.14	3.44
26 05 33 16-0025 EA Two Duplex Receptacles, 4" Square Steel Exposed Work Cover.....	8.37	3.44
26 05 33 16-0026 EA One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	8.55	3.44
26 05 33 16-0027 EA One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.89	3.44
26 05 33 16-0028 EA One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	8.52	3.44
26 05 33 16-0029 EA Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover.....	10.89	3.44
26 05 33 16-0030 EA One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	8.52	3.44
26 05 33 16-0031 EA One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	9.07	3.44
26 05 33 16-0032 EA One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.89	3.44
26 05 33 16-0033 EA One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.89	3.44
26 05 33 16-0034 EA Flat, 4" Square Steel Exposed Work Cover.....	7.49	3.44
<b>26 05 33 16-0035</b>	<b>4-11/16" Square Steel Boxes, Rings And Covers</b> (26 05 33 16-0001)	
26 05 33 16-0036 EA 1-1/2" Depth, 4-11/16" Square Steel Box.....	25.72	10.33
26 05 33 16-0037 EA 2-1/8" Depth, 4-11/16" Square Steel Box.....	23.78	10.33
	<i>For Stud Bracket, Add</i>	<i>0.44</i>
26 05 33 16-0038 EA 3-1/4" Depth, 4-11/16" Square Steel Box.....	33.52	10.33
26 05 33 16-0039 EA 1-1/2" Depth, 4-11/16" Square Extension Ring.....	18.78	6.89
26 05 33 16-0040 EA 2-1/8" Depth, 4-11/16" Square Extension Ring.....	19.25	6.89
26 05 33 16-0041 EA 1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	9.73	3.44
26 05 33 16-0042 EA 5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	9.75	3.44
26 05 33 16-0043 EA 3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	10.58	3.44
26 05 33 16-0044 EA 1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	10.25	3.44
26 05 33 16-0045 EA 1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	10.17	3.44
26 05 33 16-0046 EA 1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	13.61	3.44
26 05 33 16-0047 EA 1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	10.39	3.44
26 05 33 16-0048 EA 5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	10.57	3.44
26 05 33 16-0049 EA 3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	10.58	3.44
26 05 33 16-0050 EA 1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	11.80	3.44
26 05 33 16-0051 EA 1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	12.05	3.44
26 05 33 16-0052 EA 1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	15.00	3.44
26 05 33 16-0053 EA 1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	10.23	3.44
26 05 33 16-0054 EA 5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	10.31	3.44
26 05 33 16-0055 EA One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover.....	12.60	3.44
26 05 33 16-0056 EA Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover.....	13.24	3.44
26 05 33 16-0057 EA One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	12.41	3.44
26 05 33 16-0058 EA Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover.....	11.71	3.44
26 05 33 16-0059 EA One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	14.04	3.44
26 05 33 16-0060 EA One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	13.23	3.44
26 05 33 16-0061 EA One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	13.23	3.44
26 05 33 16-0062 EA One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	13.23	3.44
26 05 33 16-0063 EA Flat, 4-11/16" Square Steel Exposed Work Cover.....	8.02	3.44
<b>26 05 33 16-0064</b>	<b>Steel Square Box Brackets</b> (26 05 33 16-0001)	
26 05 33 16-0065 EA 16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes.....	11.22	5.17
26 05 33 16-0066 EA Single Box Bracket, One 4" Or 4-11/16" Square Box.....	8.24	3.45
26 05 33 16-0067 EA 16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes.....	13.29	5.17
26 05 33 16-0068 EA 24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes.....	14.35	5.17
<b>26 05 33 16-0069</b>	<b>4" Octagon Steel Boxes And Covers</b> (26 05 33 16-0001)	
26 05 33 16-0070 EA 1-1/2" Depth, 4" Steel Octagon Box.....	18.77	8.60
	<i>For Stud Bracket, Add</i>	<i>1.13</i>
26 05 33 16-0071 EA 2-1/8" Depth, 4" Steel Octagon Box.....	19.52	8.60
26 05 33 16-0072 EA Flat, 4" Octagon Steel Exposed Work Cover.....	7.44	3.44
<b>26 05 33 16-0073</b>	<b>4" Steel Octagonal Concrete Rings And Steel Covers</b> (26 05 33 16-0001)	
	<i>Note: Placed in concrete slabs or walls.</i>	
26 05 33 16-0074 EA 2" Depth, 4" Steel Octagonal Concrete Ring.....	30.93	
26 05 33 16-0075 EA 2-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	32.87	
26 05 33 16-0076 EA 3" Depth, 4" Steel Octagonal Concrete Ring.....	34.39	
26 05 33 16-0077 EA 3-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	35.87	
26 05 33 16-0078 EA 4" Depth, 4" Steel Octagonal Concrete Ring.....	39.31	
26 05 33 16-0079 EA 5" Depth, 4" Steel Octagonal Concrete Ring.....	42.88	
26 05 33 16-0080 EA 6" Depth, 4" Steel Octagonal Concrete Ring.....	45.64	
26 05 33 16-0081 EA Flat, 4" Steel Octagonal Concrete Cover.....	8.48	3.44
<b>26 05 33 16-0082</b>	<b>4-1/2" Steel Gang Boxes</b> (26 05 33 16-0001)	
26 05 33 16-0083 EA 2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	29.39	8.60
26 05 33 16-0084 EA 3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	32.31	9.29

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	39.02	10.33
26 05 33	16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	51.35	11.36
26 05 33	16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	77.05	12.39
26 05 33	16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	40.97	8.60
26 05 33	16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	44.65	9.29
26 05 33	16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	59.86	10.33
26 05 33	16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	77.26	11.36
26 05 33	16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	128.30	12.39
26 05 33	16-0093	EA	2 Device, Gang Box Mud Ring.....	12.91	3.44
26 05 33	16-0094	EA	3 Device, Gang Box Mud Ring.....	13.11	3.44
26 05 33	16-0095	EA	4 Device, Gang Box Mud Ring.....	15.34	3.44
26 05 33	16-0096	EA	5 Device, Gang Box Mud Ring.....	19.18	3.44
26 05 33	16-0097	EA	6 Device, Gang Box Mud Ring.....	27.60	3.44
26 05 33	16-0098	EA	2 Device, Gang Box Flat Cover.....	11.00	3.44
26 05 33	16-0099	EA	3 Device, Gang Box Flat Cover.....	13.09	3.44
26 05 33	16-0100	EA	4 Device, Gang Box Flat Cover.....	15.86	3.44
26 05 33	16-0101	EA	5 Device, Gang Box Flat Cover.....	19.39	3.44
26 05 33	16-0102	EA	6 Device, Gang Box Flat Cover.....	28.19	3.44
<b>26 05 33 16-0103 Steel Switch Boxes (26 05 33 16-0001)</b>					
26 05 33	16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box .....	20.21	8.60
26 05 33	16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box .....	20.53	8.60
26 05 33	16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box .....	22.21	8.60
26 05 33	16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box .....	25.96	8.60
26 05 33	16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box .....	26.29	8.60
26 05 33	16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box .....	31.38	8.60
<b>26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers (26 05 33 16-0001)</b>					
26 05 33	16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box.....	18.68	8.60
			<i>For Stud Bracket, Add</i>	1.81	
26 05 33	16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box.....	19.03	8.60
			<i>For Stud Bracket, Add</i>	0.78	
26 05 33	16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box.....	19.80	8.60
			<i>For Stud Bracket, Add</i>	1.06	
26 05 33	16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring.....	12.43	5.16
26 05 33	16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring.....	12.09	5.16
26 05 33	16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover .....	4.20	1.72
26 05 33	16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	4.26	1.72
26 05 33	16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover .....	3.94	1.72
26 05 33	16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover.....	3.96	1.72
26 05 33	16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	4.62	1.72
26 05 33	16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover .....	3.96	1.72
<b>26 05 33 16-0122 3"-1/2" Depth, 3-3/4" Steel Masonry Boxes (26 05 33 16-0001)</b>					
26 05 33	16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box .....	28.17	12.05
26 05 33	16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box .....	31.62	12.73
26 05 33	16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box .....	36.36	13.77
26 05 33	16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box .....	41.50	15.15
<b>26 05 33 16-0127 Cast Boxes (26 05 33 16)</b>					
Note: For flush or surface mount.					
<b>26 05 33 16-0128 Cast Iron Alloy Boxes (26 05 33 16-0127)</b>					
See CSI section 26 27 26 00-0240 for box covers.					
<b>26 05 33 16-0129 Shallow, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128)</b>					
Note: Up to 2" deep boxes.					
26 05 33	16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	62.41	20.66
			Note: One hub.		
26 05 33	16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	66.54	24.10
			Note: One hub.		
26 05 33	16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	78.02	29.27
			Note: One hub.		
26 05 33	16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box .....	77.36	27.54
			Note: Two hub.		
26 05 33	16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box .....	99.83	32.71
			Note: Two hub.		
26 05 33	16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box .....	77.00	27.54
			Note: Two hub.		
26 05 33	16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box .....	92.75	32.71
			Note: Two hubs.		
26 05 33	16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box .....	79.28	27.54
			Note: Two hubs.		
26 05 33	16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box .....	92.78	32.71
			Note: Two hubs.		
26 05 33	16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	77.00	27.54
			Note: Two hubs.		
26 05 33	16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	89.97	32.71
			Note: Two hubs.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0141 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	91.14	34.43
26 05 33 16-0142 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	107.65	41.31
26 05 33 16-0143 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	95.51	34.43
26 05 33 16-0144 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	124.31	41.31
26 05 33 16-0145 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	98.36	34.43
26 05 33 16-0146 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	117.46	41.31
26 05 33 16-0147 EA 1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	90.77	34.43
26 05 33 16-0148 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	119.39	41.31
26 05 33 16-0149 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	116.67	41.31
26 05 33 16-0150 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	140.73	49.92
<b>26 05 33 16-0151 Deep, Single Gang Cast Iron Alloy Boxes</b> (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0152 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	65.63	20.66
26 05 33 16-0153 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	75.47	24.10
26 05 33 16-0154 EA 1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	88.32	29.27
26 05 33 16-0155 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	83.24	27.54
26 05 33 16-0156 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	95.78	32.71
26 05 33 16-0157 EA 1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	115.00	39.60
26 05 33 16-0158 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	103.80	32.71
26 05 33 16-0159 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	133.81	41.31
<b>26 05 33 16-0160 Shallow, Two Gang Cast Iron Alloy Boxes</b> (26 05 33 16-0128) Note: Up to 2" deep boxes.		
26 05 33 16-0161 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	75.98	22.38
26 05 33 16-0162 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	83.81	25.82
26 05 33 16-0163 EA 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	97.01	30.98
26 05 33 16-0164 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	91.29	29.27
26 05 33 16-0165 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	103.27	34.43
<b>26 05 33 16-0166 Deep, Two Gang Cast Iron Alloy Boxes</b> (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0167 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	85.64	22.38
26 05 33 16-0168 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	92.89	25.82
26 05 33 16-0169 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	105.83	29.27
26 05 33 16-0170 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	118.63	34.43
<b>26 05 33 16-0171 Cast Aluminum Boxes</b> (26 05 33 16-0127) See CSI section 26 27 26 00-0240 for box covers.		
<b>26 05 33 16-0172 Shallow, Single Gang Cast Aluminum Boxes</b> (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0173 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	55.53	17.22
26 05 33 16-0174 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	63.25	20.66
26 05 33 16-0175 EA 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	69.28	25.82
26 05 33 16-0176 EA 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	51.78	17.22
26 05 33 16-0177 EA 3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	65.89	20.66

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0178 EA 1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	69.66	24.10
26 05 33 16-0179 EA 3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	83.58	29.27
26 05 33 16-0180 EA 1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	105.08	36.15
26 05 33 16-0181 EA 1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	76.18	24.10
26 05 33 16-0182 EA 3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	80.41	29.27
26 05 33 16-0183 EA 1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	72.47	24.10
26 05 33 16-0184 EA 3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	82.62	29.27
26 05 33 16-0185 EA 1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	70.08	24.10
26 05 33 16-0186 EA 3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	82.62	29.27
26 05 33 16-0187 EA 1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	64.55	24.10
26 05 33 16-0188 EA 3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	88.50	29.27
26 05 33 16-0189 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	82.14	30.98
26 05 33 16-0190 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	99.72	37.87
26 05 33 16-0191 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	87.87	30.98
26 05 33 16-0192 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	119.57	37.87
26 05 33 16-0193 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	87.39	30.98
26 05 33 16-0194 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	107.27	37.87
26 05 33 16-0195 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	108.97	37.87
26 05 33 16-0196 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box ..... Note: Four hubs.	106.52	37.87
26 05 33 16-0197 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box ..... Note: Four hubs.	129.94	46.48
<b>26 05 33 16-0198 Deep, Single Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: >2" deep boxes.		
26 05 33 16-0199 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box ..... Note: One hub.	62.18	17.22
26 05 33 16-0200 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box ..... Note: One hub.	74.47	20.66
26 05 33 16-0201 EA 1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box ..... Note: One hub.	84.70	25.82
26 05 33 16-0202 EA 3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box ..... Note: One hub.	80.54	20.66
26 05 33 16-0203 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	78.26	24.10
26 05 33 16-0204 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	94.14	29.27
26 05 33 16-0205 EA 1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	104.09	36.15
26 05 33 16-0206 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	95.54	29.27
26 05 33 16-0207 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box ..... Note: Three hubs.	116.13	37.87
<b>26 05 33 16-0208 Shallow, Two Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: Up to 2" deep boxes.		
26 05 33 16-0209 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	74.92	18.94
26 05 33 16-0210 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	85.56	22.38
26 05 33 16-0211 EA 1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	90.65	27.54
26 05 33 16-0212 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box ..... Note: Two hubs.	92.89	25.82
26 05 33 16-0213 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box ..... Note: Two hubs.	93.12	30.98
26 05 33 16-0214 EA 1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box ..... Note: Two hubs.	115.16	37.87
<b>26 05 33 16-0215 Deep, Two Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: >2" deep boxes.		
26 05 33 16-0216 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box ..... Note: One hub.	74.85	18.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0217 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box..... Note: One hub.	86.47	22.38
26 05 33 16-0218 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	94.97	25.82
26 05 33 16-0219 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	107.02	30.98
26 05 33 16-0220 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	94.97	25.82
26 05 33 16-0221 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	107.02	30.98
<b>26 05 33 16-0222</b> <b>Shallow, Three Gang Cast Aluminum Boxes</b> <small>(26 05 33 16-0171)</small> Note: Up to 2" deep boxes.		
26 05 33 16-0223 EA 1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box..... Note: Two hubs.	99.53	27.54
26 05 33 16-0224 EA 3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box ..... Note: Two hubs.	111.04	32.71
<b>26 05 33 16-0225</b> <b>Deep, Three Gang Cast Aluminum Boxes</b> <small>(26 05 33 16-0171)</small> Note: >2" deep boxes.		
26 05 33 16-0226 EA 3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box ..... Note: One hub.	116.03	24.10
26 05 33 16-0227 EA 1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box ..... Note: One hub.	128.49	29.27
<b>26 05 33 16-0228</b> <b>Cast Aluminum Explosion Proof Outlet Bodies</b> <small>(26 05 33 16-0127)</small> Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229 EA 1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	119.15	27.54
26 05 33 16-0230 EA 3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	148.82	30.98
26 05 33 16-0231 EA 1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	133.92	34.43
26 05 33 16-0232 EA 1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body.....	131.87	30.98
26 05 33 16-0233 EA 3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA.....	161.99	34.43
<b>26 05 33 16-0234</b> <b>Non Metallic (PVC) Boxes</b> <small>(26 05 33 16)</small> See CSI section 26 27 26 00-0240 for box covers.		
<b>26 05 33 16-0235</b> <b>Shallow, Single Gang Non Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
26 05 33 16-0236 EA 1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	36.13	14.46
26 05 33 16-0237 EA 3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	41.17	16.87
26 05 33 16-0238 EA 1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	46.51	20.49
26 05 33 16-0239 EA 1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	45.99	19.28
26 05 33 16-0240 EA 3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	53.96	22.89
26 05 33 16-0241 EA 1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	65.47	27.71
26 05 33 16-0242 EA 1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	46.18	19.28
26 05 33 16-0243 EA 3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	53.45	22.89
26 05 33 16-0244 EA 1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	63.73	27.71
26 05 33 16-0245 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	58.40	24.10
26 05 33 16-0246 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	66.03	28.92
26 05 33 16-0247 EA 1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	77.47	34.94
<b>26 05 33 16-0248</b> <b>Deep, Single Gang Non Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
26 05 33 16-0249 EA No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box ..... Note: No hubs.	36.69	14.46
26 05 33 16-0250 EA 1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	35.70	14.46
26 05 33 16-0251 EA 3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	42.51	16.87
26 05 33 16-0252 EA 1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box ..... Note: One hub.	47.06	20.49
26 05 33 16-0253 EA 1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	47.10	19.28
26 05 33 16-0254 EA 3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	52.52	22.89
26 05 33 16-0255 EA 1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box ..... Note: Two hubs.	62.65	27.71

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0256			<b>Shallow, Two Gang Non Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
26 05 33 16-0257	EA		1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	38.83	15.66
26 05 33 16-0258	EA		3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	44.44	18.08
26 05 33 16-0259	EA		1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	49.02	21.69
26 05 33 16-0260	EA		1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box ..... Note: Two hubs.	47.18	20.49
26 05 33 16-0261	EA		3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box ..... Note: Two hubs.	58.77	24.10
26 05 33 16-0262	EA		1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box ..... Note: Two hubs.	69.40	28.92
26 05 33 16-0263	EA		1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	48.49	20.49
26 05 33 16-0264	EA		3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	62.39	24.10
26 05 33 16-0265	EA		1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	66.50	28.92
26 05 33 16-0266	EA		1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	59.19	25.31
26 05 33 16-0267	EA		3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	78.99	30.12
26 05 33 16-0268	EA		1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	79.80	36.15
26 05 33 16-0269			<b>Poke Thru Units</b> <small>(26 05 33 16)</small>		
26 05 33 16-0270			<b>Surface Poke Thru Units</b> <small>(26 05 33 16-0269)</small>		
26 05 33 16-0271	EA		Note: Excludes concrete drilling. Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	369.31	25.82
26 05 33 16-0272	EA		Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements ..... Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	235.54	
26 05 33 16-0273	EA		Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC37REC.	30.41	6.89
26 05 33 16-0274	EA		Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC3APTCBK.	39.23	3.44
26 05 33 16-0275	EA		Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit ..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	418.54	27.54
26 05 33 16-0276	EA		Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements ..... Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	219.98	
26 05 33 16-0277	EA		Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit ..... Note: Wiremold RC4REC2.	52.88	10.33
26 05 33 16-0278	EA		Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC4APTCBK.	39.23	3.44
26 05 33 16-0279	EA		Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold ABPLUG4.	115.92	6.89
26 05 33 16-0280	EA		Four Jack RC9AMD Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	330.01	24.10
26 05 33 16-0281	EA		Abandonment Plate For RC9 Series Communications Poke Thru Unit ..... Note: Wiremold RC9APTCBK.	26.73	3.44
26 05 33 16-0282	EA		Eight Jack AMD8 Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	328.43	24.10
26 05 33 16-0283	EA		Communication Conduit Adapter For Poke Thru Units ..... Note: Includes two conduit connections for communication systems. Wiremold COM75.	37.86	3.44
26 05 33 16-0284			<b>Recessed Poke Thru Units</b> <small>(26 05 33 16-0283)</small>		
26 05 33 16-0285			<b>Evolution 6AT Poke Thru Units</b> <small>(26 05 33 16-0284)</small>		
26 05 33 16-0286	EA		Note: Excludes concrete drilling. Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) ..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.22	27.54
26 05 33 16-0287	EA		Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.30	27.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0288 EA Recessed Assembly With Surface Style Cover (Wiremold 6ATC)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	591.36	27.54
26 05 33 16-0289 EA Recessed Assembly With Flush Style Cover (Wiremold 6AT)..... Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	591.36	27.54
26 05 33 16-0290 EA Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.22	27.54
26 05 33 16-0291 EA Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.22	27.54
26 05 33 16-0292 EA Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	566.08	27.54
26 05 33 16-0293 EA Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	350.04	25.82
26 05 33 16-0294 EA Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	376.46	25.82
26 05 33 16-0295 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	379.07	25.82
26 05 33 16-0296 EA 6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)..... Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	103.78	13.77
26 05 33 16-0297 EA Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	252.77	6.89
26 05 33 16-0298 EA Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	252.77	6.89
26 05 33 16-0299 EA Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	209.46	6.89
26 05 33 16-0300 EA Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	29.89	1.72
26 05 33 16-0301 EA Device Mounting Plate (Wiremold 6AAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	13.17	3.44
26 05 33 16-0302 EA Device Mounting Plate (Wiremold 6ACT8A)..... Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	15.52	3.44
26 05 33 16-0303 EA Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	13.10	3.44
26 05 33 16-0304 EA Device Mounting Plate (Wiremold 6DEC)..... Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCLs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	13.15	3.44
26 05 33 16-0305 EA Device Mounting Plate (Wiremold 6DP)..... Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	13.05	3.44
26 05 33 16-0306 EA Device Mounting Plate (Wiremold 6MAAP)..... Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	15.77	3.44
26 05 33 16-0307 EA Device Mounting Plate (Wiremold 6MAAP2A)..... Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	15.57	3.44
26 05 33 16-0308 EA Mosaic Mounting Plate (Wiremold 6MOS)..... Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	16.00	3.44
26 05 33 16-0309 EA Device Mounting Plate (Wiremold 6S1)..... Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	12.82	3.44
26 05 33 16-0310 EA Device Mounting Plate (Wiremold 6S2)..... Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	12.83	3.44
26 05 33 16-0311 EA Device Mounting Plate (Wiremold 6SER)..... Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	12.63	3.44

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0312 EA Device Mounting Plate (Wiremold 6TRAC)..... Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	12.63	3.44
26 05 33 16-0313 EA 20AMP Duplex Receptacles (Wiremold 68REC) ..... Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	32.20	5.16
26 05 33 16-0314 EA Device Mounting Plate (Wiremold 68B) ..... Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	11.40	3.44
26 05 33 16-0315 EA Device Mounting Plate (Wiremold 68MAAP) ..... Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	11.73	3.44
26 05 33 16-0316 EA 20AMP Duplex Receptacles (Wiremold 68REC-25) ..... Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	107.01	6.20
26 05 33 16-0317 EA Device Mounting Plate (Wiremold 682A) ..... Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	15.36	3.44
26 05 33 16-0318 EA Bottom Housing Assembly (Wiremold 5PTHA) ..... Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	16.09	3.44
26 05 33 16-0319 EA Bottom Housing Assembly (Wiremold 5BLH) ..... Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	16.61	3.44
26 05 33 16-0320 EA Bottom Housing Assembly (Wiremold 152CHA) ..... Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCF). Covers the center compartment and one of the side compartments.	24.59	6.89
26 05 33 16-0321 EA Bottom Housing Assembly (Wiremold 575CHA) ..... Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	27.77	8.60
26 05 33 16-0322 EA Bottom Housing Assembly (Wiremold 175CHA) ..... Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	31.13	8.60
26 05 33 16-0323 EA Bottom Housing Assembly (Wiremold 1125CHA) ..... Note: One-gang 1 1/4" trade size conduit housing assembly.	23.45	6.89
26 05 33 16-0324 EA Bottom Housing Assembly (Wiremold 1PTHA) ..... Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	15.97	3.44
26 05 33 16-0325 EA Bottom Housing Assembly (Wiremold 1BLH) ..... Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	15.97	3.44
26 05 33 16-0326 EA Bottom Housing Assembly (Wiremold 15FFHA) ..... Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	16.93	3.44
26 05 33 16-0327 EA Bottom Housing Assembly (Wiremold 1BHA) ..... Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	17.59	3.44
<b>26 05 33 16-0328 Evolution 8AT Poke Thru Units (26 05 33 16-0284)</b> Note: Excludes concrete drilling.		
26 05 33 16-0329 EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) ..... Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	819.87	27.54
26 05 33 16-0330 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) ..... Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	779.57	27.54
26 05 33 16-0331 EA Recessed Assembly With Surface Style Cover (Wiremold 8ATC) ..... Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	771.98	27.54
26 05 33 16-0332 EA Recessed Assembly With Flush Style Cover (Wiremold 8AT) ..... Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	764.79	27.54
26 05 33 16-0333 EA Recessed Assembly With Disposable Plate (Wiremold 8STC) ..... Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	456.67	25.82
26 05 33 16-0334 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) ..... Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	513.44	25.82
26 05 33 16-0335 EA 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) ..... Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	125.94	13.77
26 05 33 16-0336 EA Surface Style Cover Assembly (Wiremold 8CTC) ..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	273.68	6.89
26 05 33 16-0337 EA Flush Style Cover Assembly (Wiremold 8CT) ..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	273.68	6.89





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0338 EA Tile Shim (Wiremold 8TS)..... Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	47.12	1.72
26 05 33 16-0339 EA Device Mounting Plate (Wiremold 8B)..... Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	13.68	3.44
26 05 33 16-0340 EA Device Mounting Plate (Wiremold 8DP)..... Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.77	3.44
26 05 33 16-0341 EA Device Mounting Plate (Wiremold 8DEC)..... Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCI's, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.87	3.44
26 05 33 16-0342 EA Device Mounting Plate (Wiremold 8ACT6A)..... Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.38	3.44
26 05 33 16-0343 EA Mosaic Mounting Plate (Wiremold 8MOS)..... Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	20.26	3.44
26 05 33 16-0344 EA Crestron Double Gang Plate (Wiremold 8CREST)..... Note: Device plate accepts Crestron double-gang decorator style devices.	20.23	3.44
26 05 33 16-0345 EA Device Mounting Plate (Wiremold 8S1)..... Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	13.20	3.44
26 05 33 16-0346 EA Device Mounting Plate (Wiremold 8S2)..... Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	13.40	3.44
26 05 33 16-0347 EA Device Mounting Plate (Wiremold 8TRAC)..... Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.20	3.44
26 05 33 16-0348 EA Device Mounting Plate (Wiremold 8SER)..... Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.20	3.44
26 05 33 16-0349 EA Device Mounting Plate (Wiremold 8MAAP)..... Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.91	3.44
26 05 33 16-0350 EA Device Mounting Plate (Wiremold 8AAP)..... Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	16.27	3.44
26 05 33 16-0351 EA 8" Divider (Wiremold 8DIV)..... Note: Divider allows for separation of services when required.	19.06	3.44
26 05 33 16-0352 EA Bottom Housing Assembly (Wiremold 22CHA)..... Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	24.59	6.89

**26 05 33 23 Surface Raceways For Electrical Systems (26 05 33)**

**26 05 33 23-0001 Raceways (26 05 33 23)**

**26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)**

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

**26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)**

26 05 33 23-0004 LF 2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	13.97 0.38 0.31	3.15
26 05 33 23-0005 EA 2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	12.22 0.14	4.72
26 05 33 23-0006 EA 2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	14.56 0.14	5.89
26 05 33 23-0007 EA 2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	30.20 0.41	11.01
26 05 33 23-0008 EA 2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	46.46 1.22	11.01
26 05 33 23-0009 EA 2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	68.59 1.87	15.68
26 05 33 23-0010 EA 2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	76.93 2.12	17.31

**26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)**

26 05 33 23-0012 LF 4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	17.13 0.46 0.39	3.96
26 05 33 23-0013 LF 4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	29.74 1.09 0.39	3.96
26 05 33 23-0014 EA 4" x 4", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	9.82 0.15	3.46
26 05 33 23-0015 EA 4" x 4", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	16.12 0.15	6.61
26 05 33 23-0016 EA 4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	35.81 0.44	13.47
26 05 33 23-0017 EA 4" x 4", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	53.69 1.34	13.47

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0018	EA		4" x 4", Tee For Surface Mounted Wireway With Screw Cover.....	75.52	17.50
			<i>For Combination Hinged Screw Cover, Add</i>	2.02	
26 05 33 23-0019	EA		4" x 4", Cross For Surface Mounted Wireway With Screw Cover .....	87.32	20.46
			<i>For Combination Hinged Screw Cover, Add</i>	2.32	
<b>26 05 33 23-0020</b>			<b>6" x 6", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0021	LF		6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover.....	25.24	4.72
			<i>For Combination Hinged Screw Cover, Add</i>	0.79	
			<i>For Concrete Or Masonry Surface, Add</i>	0.47	
26 05 33 23-0022	LF		6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover .....	47.36	4.72
			<i>For Combination Hinged Screw Cover, Add</i>	1.90	
			<i>For Concrete Or Masonry Surface, Add</i>	0.47	
26 05 33 23-0023	EA		6" x 6", End Plate For Surface Mounted Wireway With Screw Cover .....	12.23	3.78
			<i>For Combination Hinged Screw Cover, Add</i>	0.23	
26 05 33 23-0024	EA		6" x 6", Coupling For Surface Mounted Wireway With Screw Cover.....	20.42	7.86
			<i>For Combination Hinged Screw Cover, Add</i>	0.23	
26 05 33 23-0025	EA		6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover .....	49.45	15.68
			<i>For Combination Hinged Screw Cover, Add</i>	0.91	
26 05 33 23-0026	EA		6" x 6", Elbow For Surface Mounted Wireway With Screw Cover .....	68.33	15.68
			<i>For Combination Hinged Screw Cover, Add</i>	1.85	
26 05 33 23-0027	EA		6" x 6", Tee For Surface Mounted Wireway With Screw Cover.....	105.67	19.58
			<i>For Combination Hinged Screw Cover, Add</i>	3.33	
26 05 33 23-0028	EA		6" x 6", Cross For Surface Mounted Wireway With Screw Cover .....	115.04	22.66
			<i>For Combination Hinged Screw Cover, Add</i>	3.49	
<b>26 05 33 23-0029</b>			<b>8" x 8", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0030	LF		8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover.....	39.88	5.17
			<i>For Combination Hinged Screw Cover, Add</i>	1.48	
			<i>For Concrete Or Masonry Surface, Add</i>	0.52	
26 05 33 23-0031	LF		8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover .....	71.38	5.17
			<i>For Combination Hinged Screw Cover, Add</i>	3.05	
			<i>For Concrete Or Masonry Surface, Add</i>	0.52	
26 05 33 23-0032	EA		8" x 8", End Plate For Surface Mounted Wireway With Screw Cover .....	13.45	4.09
			<i>For Combination Hinged Screw Cover, Add</i>	0.26	
26 05 33 23-0033	EA		8" x 8", Coupling For Surface Mounted Wireway With Screw Cover.....	22.25	8.50
			<i>For Combination Hinged Screw Cover, Add</i>	0.26	
26 05 33 23-0034	EA		8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover .....	55.12	17.25
			<i>For Combination Hinged Screw Cover, Add</i>	1.03	
26 05 33 23-0035	EA		8" x 8", Elbow For Surface Mounted Wireway With Screw Cover .....	85.78	17.25
			<i>For Combination Hinged Screw Cover, Add</i>	2.56	
26 05 33 23-0036	EA		8" x 8", Tee For Surface Mounted Wireway With Screw Cover.....	126.32	21.28
			<i>For Combination Hinged Screw Cover, Add</i>	4.19	
26 05 33 23-0037	EA		8" x 8", Cross For Surface Mounted Wireway With Screw Cover .....	175.03	25.81
			<i>For Combination Hinged Screw Cover, Add</i>	6.17	
<b>26 05 33 23-0038</b>			<b>10" x 10", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0039	LF		10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover.....	57.40	5.98
			<i>For Combination Hinged Screw Cover, Add</i>	2.27	
			<i>For Concrete Or Masonry Surface, Add</i>	0.60	
26 05 33 23-0040	LF		10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover .....	100.02	5.98
			<i>For Combination Hinged Screw Cover, Add</i>	4.40	
			<i>For Concrete Or Masonry Surface, Add</i>	0.60	
26 05 33 23-0041	EA		10" x 10", End Plate For Surface Mounted Wireway With Screw Cover .....	18.47	4.72
			<i>For Combination Hinged Screw Cover, Add</i>	0.45	
26 05 33 23-0042	EA		10" x 10", Coupling For Surface Mounted Wireway With Screw Cover.....	27.92	9.44
			<i>For Combination Hinged Screw Cover, Add</i>	0.45	
26 05 33 23-0043	EA		10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover .....	72.08	18.76
			<i>For Combination Hinged Screw Cover, Add</i>	1.73	
26 05 33 23-0044	EA		10" x 10", Elbow For Surface Mounted Wireway With Screw Cover .....	132.90	18.76
			<i>For Combination Hinged Screw Cover, Add</i>	4.77	
26 05 33 23-0045	EA		10" x 10", Tee For Surface Mounted Wireway With Screw Cover.....	199.38	23.67
			<i>For Combination Hinged Screw Cover, Add</i>	7.60	
26 05 33 23-0046	EA		10" x 10", Cross For Surface Mounted Wireway With Screw Cover .....	282.05	26.75
			<i>For Combination Hinged Screw Cover, Add</i>	11.43	
<b>26 05 33 23-0047</b>			<b>12" x 12", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0048	LF		12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover.....	67.47	7.24
			<i>For Combination Hinged Screw Cover, Add</i>	2.65	
			<i>For Concrete Or Masonry Surface, Add</i>	0.72	
26 05 33 23-0049	LF		12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover .....	110.30	7.24
			<i>For Combination Hinged Screw Cover, Add</i>	4.79	
			<i>For Concrete Or Masonry Surface, Add</i>	0.72	
26 05 33 23-0050	EA		12" x 12", End Plate For Surface Mounted Wireway With Screw Cover .....	23.87	5.04
			<i>For Combination Hinged Screw Cover, Add</i>	0.69	
26 05 33 23-0051	EA		12" x 12", Coupling For Surface Mounted Wireway With Screw Cover.....	33.94	10.07
			<i>For Combination Hinged Screw Cover, Add</i>	0.69	
26 05 33 23-0052	EA		12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover .....	93.13	20.46
			<i>For Combination Hinged Screw Cover, Add</i>	2.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0053 EA 12" x 12", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	173.67 6.64	20.46
26 05 33 23-0054 EA 12" x 12", Tee For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	223.55 8.66	25.18
26 05 33 23-0055 EA 12" x 12", Cross For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	359.89 15.16	28.33
<b>26 05 33 23-0056 Surface Metal Raceways</b> <small>(26 05 33 23-0001)</small> Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
<b>26 05 33 23-0057 One Piece Surface Metal Raceways</b> <small>(26 05 33 23-0056)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
<b>26 05 33 23-0058 3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500)</b> <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33 23-0059 LF #500, 3/4" x 17/32" One Piece Surface Metal Raceway ..... <i>For Concrete Or Masonry Surface, Add</i>	3.01 0.09	0.94
26 05 33 23-0060 EA #502 Bushing.....	2.79	1.26
26 05 33 23-0061 EA #504 One Or Two Hole Strap .....	2.82	1.26
26 05 33 23-0062 EA #506 Connection Cover .....	2.95	1.26
26 05 33 23-0063 EA #511 Flat 90 Degree Elbow .....	4.68	1.51
26 05 33 23-0064 EA #512 Flat 45 Degree Elbow .....	8.25	1.57
26 05 33 23-0065 EA #517 Adjustable Internal Elbow .....	5.82	1.89
26 05 33 23-0066 EA #518 Adjustable External Elbow .....	5.67	1.89
<b>26 05 33 23-0067 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700)</b> <small>(26 05 33 23-0057)</small> Note: Available in ivory and white.		
26 05 33 23-0068 LF #700, 3/4" x 21/32" One Piece Surface Metal Raceway ..... <i>For Concrete Or Masonry Surface, Add</i>	3.77 0.13	1.26
26 05 33 23-0069 EA #702 Bushing.....	2.87	1.26
26 05 33 23-0070 EA #704 One Or Two Hole Strap .....	2.98	1.26
26 05 33 23-0071 EA #706 Connection Cover .....	3.01	1.26
26 05 33 23-0072 EA #711 Flat 90 Degree Elbow .....	6.76	2.52
26 05 33 23-0073 EA #712 Flat 45 Degree Elbow .....	11.33	2.52
26 05 33 23-0074 EA #717 Adjustable Internal Elbow .....	7.39	2.52
26 05 33 23-0075 EA #718 Adjustable External Elbow .....	7.10	2.52
<b>26 05 33 23-0076 One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings)</b> <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33 23-0077 EA #5700F 18" Flex Fitting, For #500 Or 700.....	22.86	1.89
26 05 33 23-0078 EA #5701 Galvanized Coupling, For #500 Or 700.....	2.97	1.26
26 05 33 23-0079 EA #5703 Supporting Clip, For #500 Or 700 .....	2.97	1.26
26 05 33 23-0080 EA #5709 Ground Clamp .....	9.45	1.89
26 05 33 23-0081 EA #5709GC Grounding Connector .....	7.84	1.89
26 05 33 23-0082 EA #5711 L Or R (Left Or Right) Twisted Internal Ell .....	8.73	2.52
26 05 33 23-0083 EA #5715 Tee.....	9.66	3.15
26 05 33 23-0084 EA #5719 Corner Box, 2-1/2" x 2-3/8" x 2-1/2" .....	18.25	2.52
26 05 33 23-0085 EA #57242 Utility Box For #500 Or #700.....	13.76	2.52
26 05 33 23-0086 EA #5731 Blank Cover, 2-3/8" Diameter .....	7.29	1.57
26 05 33 23-0087 EA #5733 Outlet Box, 3" Diameter .....	17.33	2.52
26 05 33 23-0088 EA #5735 Distribution Box, 4-3/4" Square x 1-3/8" Deep .....	17.26	2.52
26 05 33 23-0089 EA #5736 Blank Cover, 4-3/8" .....	7.77	1.57
26 05 33 23-0090 EA #5737 Extension Box/Open Base, 4-3/4" Diameter .....	15.57	2.52
26 05 33 23-0091 EA #5737A Extension Box/Open Base, 5-1/2" Diameter.....	14.98	2.52
26 05 33 23-0092 EA #5738 Fixture Box/Solid Base, 4-3/4" Diameter.....	15.12	2.52
26 05 33 23-0093 EA #5738A Fixture Box/Solid Base, 5-1/2" Diameter .....	15.12	2.52
26 05 33 23-0094 EA #5738AF Fan Box/Solid Base, 5-1/2" Diameter .....	17.26	2.52
26 05 33 23-0095 EA #5739 Fixture Box/Solid Base, 6-3/8" .....	17.03	2.52
26 05 33 23-0096 EA #5739A Extension Box/Open Base, 6-3/8" Diameter.....	18.26	2.52
26 05 33 23-0097 EA #57240 Standard Switch Box For #500, Or #700 .....	19.96	4.09
26 05 33 23-0098 EA #57243G Duplex Receptacle And Box, Ground, For #500 Or #700 .....	30.90	7.86
26 05 33 23-0099 EA #5741 Switch And Receptacle Box For Shallow Type Switches, 2-13/16" x 4-5/8" x 1-3/8" .....	14.59	4.09
26 05 33 23-0100 EA #5744 Extra Deep Switch And Receptacle Box, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4".....	24.29	4.09
26 05 33 23-0101 EA #5744-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4" .....	28.15	4.09
26 05 33 23-0102 EA #5744-3 Extra Deep Switch And Receptacle Box, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4" .....	43.82	4.09
26 05 33 23-0103 EA #5744S Signal Box 1 Gang.....	22.13	3.46
26 05 33 23-0104 EA #5744S-2 Signal Box 2 Gang .....	24.90	3.46
26 05 33 23-0105 EA #5744S-3 Signal Box 3 Gang .....	41.01	3.46
26 05 33 23-0106 EA #5745 Combination Switch And Receptacle Box With 1/2" KO's, 4-5/8" x 2-7/8" x 1-3/4" .....	15.32	4.09
26 05 33 23-0107 EA #5747 Shallow Switch And Receptacle Box For Standard Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8" .....	13.22	4.09
26 05 33 23-0108 EA #5747-2 Shallow Switch And Receptacle Box For Standard Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8".....	19.45	4.09
26 05 33 23-0109 EA #5747-3 Shallow Switch And Receptacle Box For Standard Shallow Devices, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4".....	39.81	4.09
26 05 33 23-0110 EA #5748 Switch And Receptacle Box For Deep Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	14.28	4.09
26 05 33 23-0111 EA #5748-2 Switch And Receptacle Box For Deep Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4".....	20.71	4.09

**26 Electrical**  
**26 05 Common Work Results For Electrical**  
**26 05 33 Raceway And Boxes For Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0112	EA		#5748-3 Switch And Receptacle Box For Deep Devices, 3 Gang, 4-5/8" x 6-1/2" x 1-3/4".....	38.64	4.09
26 05 33 23-0113	EA		#5748-4 Switch And Receptacle Box For Deep Devices, 4 Gang, 4-5/8" x 8-11/32" x 1-3/4".....	58.36	4.09
26 05 33 23-0114	EA		#5748-5 Switch And Receptacle Box For Deep Devices, 5 Gang, 4-5/8" x 10-5/32" x 1-3/4".....	97.58	4.09
26 05 33 23-0115	EA		#5748-6 Switch And Receptacle Box For Deep Devices, 6 Gang, 4-5/8" x 11-31/32" x 1-3/4".....	99.34	4.09
26 05 33 23-0116	EA		#5748-S Shallow Switch And Receptacle Box For Shallow Duplex Devices, 4-3/8" x 2-7/8" x 15/16".....	14.07	4.09
26 05 33 23-0117	EA		#5751 Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 15/16".....	13.63	4.09
26 05 33 23-0118	EA		#5751-2 Flush-Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 15/16".....	18.82	4.09
26 05 33 23-0119	EA		#5751-3 Flush-Type Extension Adapter, 3 Gang, 4-5/8" x 6-1/2" x 15/16".....	39.03	4.09
26 05 33 23-0120	EA		#5751A Deep Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	14.90	4.09
26 05 33 23-0121	EA		#5752 Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 1-3/8".....	19.90	4.09
26 05 33 23-0122	EA		#5753 Extra Deep Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 2-3/4".....	29.60	4.09
26 05 33 23-0123	EA		#5760 Blank Extension Box.....	10.21	1.57
26 05 33 23-0124	EA		#5780 Special Nipple, 1/2".....	9.69	1.57
26 05 33 23-0125	EA		#5781 1/2" Box Connector.....	6.17	1.57
26 05 33 23-0126	EA		#5781A 3/4" Box Connector.....	12.20	1.89
26 05 33 23-0127	EA		#5782 1/2" Conduit Connector.....	6.24	1.57
26 05 33 23-0128	EA		#5782A 3/4" Conduit Connector.....	15.53	1.89
26 05 33 23-0129	EA		#5784 1/2" Elbow Conduit Connector.....	13.81	1.89
26 05 33 23-0130	EA		#5785 Combination Connector, To Any 3-1/4" Or 4" Outlet Box.....	7.25	1.89
26 05 33 23-0131	EA		#5786 Offset Connector.....	12.75	1.89
26 05 33 23-0132	EA		#5790B Armor Cable Connector.....	6.34	1.57
26 05 33 23-0133	EA		#5791 1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700.....	5.68	1.26
<b>26 05 33 23-0134</b>			<b>1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) (26 05 33 23-0057)</b>		
			Note: Galvanized finish.		
26 05 33 23-0135	LF		#1500-10, 1-9/16" x 11/32" One Piece Surface Metal Raceway.....	5.46	1.57
			<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0136	EA		#1500WC Wire Clip.....	3.28	1.26
26 05 33 23-0137	EA		#1502 Bushing.....	3.86	1.57
26 05 33 23-0138	EA		#1504 2-Hole Strap.....	4.32	1.89
26 05 33 23-0139	EA		#1511 Flat Elbow.....	17.25	5.98
26 05 33 23-0140	EA		#1517 Internal Elbow.....	17.90	5.98
26 05 33 23-0141	EA		#1517B Adapter Fitting.....	19.43	5.98
26 05 33 23-0142	EA		#1518 External Elbow.....	19.30	5.98
26 05 33 23-0143	EA		#1528 Utility Box.....	17.97	4.09
26 05 33 23-0144	EA		#1542D Junction Box.....	18.58	4.09
26 05 33 23-0145	EA		#1543GL Duplex Receptacle.....	36.47	7.86
26 05 33 23-0146	EA		#1546A Single Receptacle Box.....	19.18	4.09
26 05 33 23-0147	EA		#1546B Duplex Receptacle Box.....	23.83	4.09
26 05 33 23-0148	EA		#1546T Telephone Box.....	23.35	4.09
26 05 33 23-0149	EA		#1585 Combination Connection.....	11.32	1.89
<b>26 05 33 23-0150</b>			<b>2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) (26 05 33 23-0057)</b>		
			Note: Galvanized finish.		
26 05 33 23-0151	LF		#2600-10, 2-7/32" x 28/32" One Piece Surface Metal Raceway.....	8.79	2.83
			<i>For Concrete Or Masonry Surface, Add</i>	0.28	
26 05 33 23-0152	EA		#2600WC Wire Clip.....	3.27	1.26
26 05 33 23-0153	EA		#2602 Fiber Bushing.....	3.69	1.26
26 05 33 23-0154	EA		#2611 2-5/8 90 Degree Flat Elbow.....	13.72	2.21
26 05 33 23-0155	EA		#2642D Junction Box, 5" Diameter.....	20.60	3.15
26 05 33 23-0156	EA		#2686FO Service Fitting.....	20.02	3.78
<b>26 05 33 23-0157</b>			<b>Two Piece Surface Metal Raceways (26 05 33 23-0056)</b>		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
<b>26 05 33 23-0158</b>			<b>1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) (26 05 33 23-0157)</b>		
26 05 33 23-0159	LF		#2000BC, 1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover.....	5.15	1.57
			<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0160	EA		#2000WC Wire Clip.....	2.40	1.26
26 05 33 23-0161	EA		#2001 Coupling.....	6.31	1.57
26 05 33 23-0162	EA		#2003 Supporting Clip.....	3.19	0.94
26 05 33 23-0163	EA		#2006 Cover Clip.....	2.94	0.94
26 05 33 23-0164	EA		#2009 Ground Clamp.....	7.91	1.57
26 05 33 23-0165	EA		#2010A2 Entrance End Fitting.....	15.13	4.72
26 05 33 23-0166	EA		#2010A3 Entrance End Fitting.....	26.44	6.30
26 05 33 23-0167	EA		#2010B Blank End Fitting.....	3.92	1.57
26 05 33 23-0168	EA		#2011 Flat 90 Degree Elbow.....	13.01	4.09
26 05 33 23-0169	EA		#2015 Tee.....	24.34	5.92
26 05 33 23-0170	EA		#2017TC Internal Corner Coupling.....	8.17	3.15
26 05 33 23-0171	EA		#2048 Single Gang device Box.....	19.86	5.61
26 05 33 23-0172	EA		#2048-2 2-Gang device Box.....	32.16	6.23
26 05 33 23-0173	EA		#2051H Flush Plate Adapter.....	21.48	6.23
26 05 33 23-0174	EA		#2089 Side Reducing Connector.....	18.35	3.15
26 05 33 23-0175	EA		#2089E End Reducing Connector.....	7.49	1.57



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 23-0176</b>				<b>1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400)</b> <small>(26 05 33 23-0157)</small>		
				Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF			#2400B, 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base ..... 4.25		1.57
				For Concrete Or Masonry Surface, Add ..... 0.16		
26 05 33 23-0178	LF			#2400BD, 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base ..... 4.69		1.57
				For Concrete Or Masonry Surface, Add ..... 0.16		
26 05 33 23-0179	LF			#2400C Raceway Cover ..... 1.75		0.31
26 05 33 23-0180	EA			#2400WC Wire Clip ..... 1.26		1.26
26 05 33 23-0181	EA			#2401 Coupling ..... 6.22		1.57
26 05 33 23-0182	EA			#2401D Divided Raceway Coupling ..... 5.26		1.57
26 05 33 23-0183	EA			#2406 Cover Clip ..... 2.90		0.94
26 05 33 23-0184	EA			#2407-2CM Device Bracket Frame ..... 21.98		4.72
26 05 33 23-0185	EA			#2407-2TJ Device Bracket Frame ..... 21.02		4.72
26 05 33 23-0186	EA			#2409 Ground Clamp ..... 5.81		1.26
26 05 33 23-0187	EA			#2410A End Fitting ..... 14.13		4.72
26 05 33 23-0188	EA			#2410B Blank End ..... 3.90		1.57
26 05 33 23-0189	EA			#2410BD Divided Blank End Fitting ..... 3.95		1.57
26 05 33 23-0190	EA			#2410C Entrance End Fitting ..... 21.89		4.72
26 05 33 23-0191	EA			#2410D Divided Entrance End Fitting ..... 20.96		4.72
26 05 33 23-0192	EA			#2410DFO Divided Entrance End Fitting ..... 34.86		4.72
26 05 33 23-0193	EA			#2410FC Full Cap Entrance End Fitting ..... 26.52		4.72
26 05 33 23-0194	EA			#2411D Divided Flat 90 Degree Elbow ..... 15.94		4.72
26 05 33 23-0195	EA			#2411DFO Radiused Divided Flat 90 Degree Elbow ..... 26.01		4.72
26 05 33 23-0196	EA			#2411FO Radiused Flat 90 Degree Elbow ..... 23.22		4.65
26 05 33 23-0197	EA			#2411M Flat 90 Degree Elbow ..... 15.16		4.72
26 05 33 23-0198	EA			#2415DFO Radiused Divided Tee ..... 27.97		4.65
26 05 33 23-0199	EA			#2415FO Radiused Tee ..... 26.56		4.65
26 05 33 23-0200	EA			#2415M Tee ..... 18.12		4.65
26 05 33 23-0201	EA			#2417D Divided Internal Coupling ..... 14.99		4.65
26 05 33 23-0202	EA			#2417DFO Radiused Divided Internal Coupling ..... 24.00		4.65
26 05 33 23-0203	EA			#2417FO Radiused Internal Coupling ..... 23.26		4.65
26 05 33 23-0204	EA			#2417M Internal Coupling ..... 14.50		4.65
26 05 33 23-0205	EA			#2418DFO Radiused Divided External Coupling ..... 26.16		4.65
26 05 33 23-0206	EA			#2418FO Radiused External Coupling ..... 25.72		4.65
26 05 33 23-0207	EA			#2418M External Coupling ..... 17.80		4.65
26 05 33 23-0208	EA			#2444 Extra Deep Switch And Receptacle, 1 Gang ..... 23.83		4.09
26 05 33 23-0209	EA			#2444-2 Extra Deep Switch And Receptacle Box, 2 Gang ..... 26.53		4.09
26 05 33 23-0210	EA			#2444-2LS Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang ..... 26.67		4.09
26 05 33 23-0211	EA			#2444D Divided Extra Deep Switch And Receptacle, 1 Gang ..... 25.53		4.09
26 05 33 23-0212	EA			#2444D-2A Divided Extra Deep Switch And Receptacle Box, 2 Gang ..... 36.34		4.09
26 05 33 23-0213	EA			#2444D-2N Divided Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang ..... 31.90		4.09
26 05 33 23-0214	EA			#2448 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4" ..... 16.46		4.09
26 05 33 23-0215	EA			#2448-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4" ..... 25.93		4.09
26 05 33 23-0216	EA			#2450 Adapter Plate, Device Bracket Type ..... 7.91		1.57
26 05 33 23-0217	EA			#2451H 4-1/2" x 4-1/2" Back Feed Fitting ..... 18.56		4.72
26 05 33 23-0218	EA			#2475D Bridge Fitting 2400/700/500 ..... 57.00		4.72
26 05 33 23-0219	EA			#2489 Side Reducing Connector ..... 16.38		2.52
<b>26 05 33 23-0220</b>				<b>2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000)</b> <small>(26 05 33 23-0157)</small>		
				Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF			#3000B, 2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base ..... 8.63		2.83
				For Concrete Or Masonry Surface, Add ..... 0.28		
26 05 33 23-0222	LF			#3000CE Raceway Cover ..... 2.17		0.31
26 05 33 23-0223	EA			#3000WC Wire Clips For Conductors ..... 3.34		1.26
26 05 33 23-0224	EA			#3001 Couplings ..... 8.51		1.26
26 05 33 23-0225	EA			#3001A Rigid Inside Coupling ..... 8.83		1.57
26 05 33 23-0226	EA			#3003 Supporting Clip ..... 6.38		1.57
26 05 33 23-0227	EA			#3006E Clip Cover ..... 3.54		1.26
26 05 33 23-0228	EA			#3007C Device Brackets ..... 9.42		2.52
26 05 33 23-0229	EA			#3008C C-Hanger ..... 9.57		1.89
26 05 33 23-0230	EA			#3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors ..... 21.77		5.98
26 05 33 23-0231	EA			#3010B Blank End Fittings ..... 7.86		2.52
26 05 33 23-0232	EA			#3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit ..... 24.32		5.98
26 05 33 23-0233	EA			#3011E Flat 90 Degree Elbow ..... 36.94		7.80
26 05 33 23-0234	EA			#3014C Wall Box Connector ..... 25.62		7.86
26 05 33 23-0235	EA			#3015E Tee Fitting ..... 51.10		9.76
26 05 33 23-0236	EA			#3017TCE Internal Corner Coupling ..... 23.73		5.98
26 05 33 23-0237	EA			#3018AE External Corner ..... 29.74		5.98
26 05 33 23-0238	EA			#3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4" ..... 20.65		5.98
26 05 33 23-0239	EA			#3028 Utility Box ..... 36.37		5.98
26 05 33 23-0240	EA			#3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57" ..... 11.86		1.57
26 05 33 23-0241	EA			#3036HE Blank Cover ..... 13.02		1.57
26 05 33 23-0242	EA			#3040CE Switch Cover ..... 11.83		1.57
26 05 33 23-0243	EA			#3043BE Duplex Receptacle Cover ..... 11.34		1.89
26 05 33 23-0244	EA			#3043GE 15 Amp, 125 Volt Duplex Grounding Receptacle And Cover ..... 30.23		8.19
26 05 33 23-0245	EA			#3044-2 Extra Deep Switch And Receptacle Box, 2 Gang ..... 41.20		5.98
26 05 33 23-0246	EA			#3046BE Duplex Receptacle Cover ..... 11.81		1.89
26 05 33 23-0247	EA			#3046H-2 Tap Off Fitting ..... 11.10		1.57
26 05 33 23-0248	EA			#3046KD Circuit Breaker Housing, 1-15/16" Deep x 6" Long ..... 43.54		3.78

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0249	EA		#3046KTSQ Circuit Breaker Housing, 2-3/4" Deep x 7-3/8" Long .....	105.77	3.78
26 05 33 23-0250	EA		#3046QOU Circuit Breaker Housing, 1-13/16" Deep x 7-3/8" Long .....	37.96	3.78
26 05 33 23-0251	EA		#3046S Bump Up Device Plate Cover, 1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide .....	41.05	3.78
26 05 33 23-0252	EA		#3046U Bump Up Device Plate Cover, 1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide .....	41.05	3.78
26 05 33 23-0253	EA		#3048R Rectangular Receptacle Cover .....	13.12	1.89
<b>26 05 33 23-0254</b>			<b>4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000)</b> <sup>(26 05 33 23-0157)</sup>		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255	LF		#4000B-10, 4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base .....	10.72	2.83
			<i>For Concrete Or Masonry Surface, Add</i>	0.31	
26 05 33 23-0256	LF		#4000C Raceway Cover .....	3.93	0.31
26 05 33 23-0257	LF		#4000D Divider .....	1.85	0.31
26 05 33 23-0258	EA		#4000WC Wire Clips For Conductors .....	4.18	1.57
26 05 33 23-0259	EA		#4001A Couplings .....	10.75	1.89
26 05 33 23-0260	EA		#4001D Divider Clip .....	4.87	1.89
26 05 33 23-0261	EA		#4006 Seam Clip .....	4.97	1.89
26 05 33 23-0262	EA		#4007C-1 Device Plate, 1 Gang .....	53.79	4.09
26 05 33 23-0263	EA		#4007C-1R Single Device Fitting .....	57.05	4.09
26 05 33 23-0264	EA		#4007C-2 Device Plate, 2 Gang .....	60.90	4.09
26 05 33 23-0265	EA		#4010B Blank End Fittings .....	11.60	2.52
26 05 33 23-0266	EA		#4010DFO Entrance End Fitting .....	44.52	9.69
26 05 33 23-0267	EA		#4011 Flat 90 Degree Elbow .....	41.80	7.86
26 05 33 23-0268	EA		#4011FO Radiused Flat 90 Degree Elbow .....	49.88	7.86
26 05 33 23-0269	EA		#4012TX Internal Or External 45 Degree Elbow .....	45.09	9.76
26 05 33 23-0270	EA		#4014A Wall Box Connector .....	61.26	9.76
26 05 33 23-0271	EA		#4015 Tee Fitting .....	68.35	9.76
26 05 33 23-0272	EA		#4015D Divided Tee Fitting .....	71.20	9.76
26 05 33 23-0273	EA		#4015DFO Radiused Full Capacity Divided Tee Fitting .....	85.70	9.76
26 05 33 23-0274	EA		#4015FO Radiused Tee Fitting .....	85.98	9.76
26 05 33 23-0275	EA		#4017 Internal Elbow .....	35.99	9.76
26 05 33 23-0276	EA		#4017FO Internal Elbow .....	67.09	9.76
26 05 33 23-0277	EA		#4017N Inverted Internal Elbow .....	40.26	9.76
26 05 33 23-0278	EA		#4017TCA Internal Corner Coupling .....	33.72	9.76
26 05 33 23-0279	EA		#4018 External Elbow .....	55.42	9.76
26 05 33 23-0280	EA		#4018FO Radiused External Elbow .....	64.87	9.76
26 05 33 23-0281	EA		#4046ARJ Single Locking Receptacle And Two RJ11/45 Modular Connectors Outlet Cover .....	56.38	4.09
26 05 33 23-0282	EA		#4046B-2 Double Duplex Receptacle Outlet Cover .....	59.88	4.09
26 05 33 23-0283	EA		#4046DRJ Duplex Receptacle And Two RJ11/45 Modular Connector Cover .....	59.88	4.09
26 05 33 23-0284	EA		#4046DRJ-2 Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover .....	80.55	4.09
26 05 33 23-0285	EA		#4046H-2 Tap-Off Fitting .....	15.74	4.09
26 05 33 23-0286	EA		#4046JRJ Combination Single Receptacle And Phone Outlet Center .....	51.97	1.89
26 05 33 23-0287	EA		#4046RRJ Rectangular Receptacle And Two RJ11/45 Modular Connector Cover .....	61.32	4.09
26 05 33 23-0288	EA		#4050 Device Mounting Bracket .....	18.24	4.09
26 05 33 23-0289	EA		#4074A Take-off Connector, #4000 To #3000 .....	87.08	9.76
26 05 33 23-0290	EA		#4075D Bridge Fitting .....	78.12	9.76
26 05 33 23-0291	EA		#4075DA Bridge Fitting .....	78.12	9.76
26 05 33 23-0292	EA		#4086A Panel Connector .....	58.93	18.57
26 05 33 23-0293	EA		#4089 Reducing Connector Fitting .....	36.88	9.76
<b>26 05 33 23-0294</b>			<b>4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000)</b> <sup>(26 05 33 23-0157)</sup>		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0295	LF		#6000B-10, 4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base .....	15.99	3.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.35	
26 05 33 23-0296	LF		#6000C Raceway Cover .....	4.67	0.94
26 05 33 23-0297	LF		#6000DA Divider .....	4.99	0.94
26 05 33 23-0298	EA		#6000WC Wire Clips For Conductors .....	4.90	1.57
26 05 33 23-0299	EA		#6001A Couplings .....	13.06	3.15
26 05 33 23-0300	EA		#6001D Divider Clip .....	6.11	1.57
26 05 33 23-0301	EA		#6001TX Converter Coupling .....	17.03	4.09
26 05 33 23-0302	EA		#6006 Connection Cover .....	16.09	4.09
26 05 33 23-0303	EA		#6007C-1 Single Gang Device Plate .....	16.94	4.09
26 05 33 23-0304	EA		#6007C-2 Two Gang Device Plate .....	18.68	4.09
26 05 33 23-0305	EA		#6008A C-Hanger .....	27.14	5.98
26 05 33 23-0306	EA		#6010B Blank End Fittings .....	28.18	9.44
26 05 33 23-0307	EA		#6011TX Combination Flat Elbow .....	55.92	9.44
26 05 33 23-0308	EA		#6012TX Internal - External 45 Degree Elbow .....	57.06	9.07
26 05 33 23-0309	EA		#6014A Connector Fitting .....	82.58	9.76
26 05 33 23-0310	EA		#6017TX Combination Internal-External Elbow .....	57.59	10.70
26 05 33 23-0311	EA		#6046KD Circuit Breaker Housing .....	103.24	10.70
26 05 33 23-0312	EA		#6074 Take-off Connector, #6000 To #6000 .....	99.95	9.44
26 05 33 23-0313	EA		#6074A Take-off Connector, #6000 To #4000 .....	108.42	9.44
26 05 33 23-0314	EA		#6086 Panel Connector .....	59.78	21.91
<b>26 05 33 23-0315</b>			<b>Two Piece Surface Aluminum Raceways</b> <sup>(26 05 33 23-0056)</sup>		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) <small>(26 05 33 23-0315)</small></b>						
26 05 33 23-0317	LF			#AL2000B, 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base..... <i>For Concrete Or Masonry Surface, Add</i>	6.87 0.16	1.57
26 05 33 23-0318	LF			#AL2000C Aluminum Raceway Cover.....	3.58	0.31
26 05 33 23-0319	EA			#AL2000WC Wire Clip.....	3.27	1.26
26 05 33 23-0320	EA			#AL2001 Coupling.....	6.98	1.57
26 05 33 23-0321	EA			#AL2003 Supporting Clip.....	3.56	0.94
26 05 33 23-0322	EA			#AL2006 Cover Clip.....	4.60	0.94
26 05 33 23-0323	EA			#AL2009 Ground Clamp.....	6.51	1.57
26 05 33 23-0324	EA			#AL2010A Entrance End Fitting.....	18.09	4.72
26 05 33 23-0325	EA			#AL2010B Blank End Fitting.....	5.84	1.57
26 05 33 23-0326	EA			#AL2011 Flat 90 Degree Elbow.....	21.42	4.09
26 05 33 23-0327	EA			#AL2015 Tee.....	28.91	5.92
26 05 33 23-0328	EA			#AL2017 Internal Corner Elbow.....	19.56	3.15
26 05 33 23-0329	EA			#AL2018 External Corner Elbow.....	19.52	3.15
26 05 33 23-0330	EA			#AL2043 In-Line Receptacle, Two 15 Amp.....	31.56	6.23
26 05 33 23-0331	EA			#AL2038 4-13/16" Round Fixture Box.....	75.99	5.61
26 05 33 23-0332	EA			#AL2044 4-1/2" x 3" x 2-1/4" D Box.....	32.77	5.61
26 05 33 23-0333	EA			#AL2044-2 4-5/8" x 4-7/8" x 2-1/2" D Box.....	69.63	6.23
26 05 33 23-0334	EA			#AL2047 Single Gang Shallow Device Box.....	34.00	5.61
26 05 33 23-0335	EA			#AL2047-2 2-Gang Shallow Device Box.....	61.32	6.23
26 05 33 23-0336	EA			#AL2051H Flush Plate Adapter.....	25.12	6.23
<b>26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) <small>(26 05 33 23-0315)</small></b>						
26 05 33 23-0338	LF			#AL2400B, 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base..... <i>For Concrete Or Masonry Surface, Add</i>	7.32 0.16	1.57
26 05 33 23-0339	LF			#AL2400C Aluminum Raceway Cover.....	3.40	0.31
26 05 33 23-0340	EA			#AL2400WC Wire Clip.....	4.33	1.26
26 05 33 23-0341	EA			#AL2401 Coupling.....	7.98	1.57
26 05 33 23-0342	EA			#AL2406 Cover Clip.....	5.66	0.94
26 05 33 23-0343	EA			#AL2409 Ground Clamp.....	4.97	1.26
26 05 33 23-0344	EA			#AL2410B Blank End.....	6.19	1.57
26 05 33 23-0345	EA			#AL2410B2 End Fitting.....	13.13	4.72
26 05 33 23-0346	EA			#AL2411 Flat 90 Degree Elbow.....	24.36	4.72
26 05 33 23-0347	EA			#AL2415 Tee.....	26.62	4.65
26 05 33 23-0348	EA			#AL2416 Fourway Fitting.....	31.35	4.65
26 05 33 23-0349	EA			#AL2417 Internal Coupling.....	24.28	4.65
26 05 33 23-0350	EA			#AL2418 External Coupling.....	26.18	4.65
26 05 33 23-0351	EA			#AL2451H 4-1/2" x 4-1/2" Back Feed Fitting.....	21.68	4.72
<b>26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) <small>(26 05 33 23-0315)</small></b>						
26 05 33 23-0353	LF			#AL3300B, 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base..... <i>For Concrete Or Masonry Surface, Add</i>	12.55 0.28	2.83
26 05 33 23-0354	LF			#AL3300CE Aluminum Raceway Cover.....	3.75	0.31
26 05 33 23-0355	LF			#AL3300D Raceway Divider.....	3.09	2.83
26 05 33 23-0356	EA			#AL3300WC Wire Clips For Conductors.....	6.00	1.26
26 05 33 23-0357	EA			#AL3301 Couplings.....	10.79	1.26
26 05 33 23-0358	EA			#AL3301D Divider Coupling.....	9.06	1.57
26 05 33 23-0359	EA			#AL3309 Ground Clamp.....	6.07	1.26
26 05 33 23-0360	EA			#AL3310B Blank End Fittings.....	12.64	2.52
26 05 33 23-0361	EA			#AL3310B1 End Fitting.....	20.33	5.98
26 05 33 23-0362	EA			#AL3311 Flat 90 Degree Elbow..... Note: Includes two (2) AL3301 couplings.	62.95	7.80
26 05 33 23-0363	EA			#AL3315 Tee Fitting..... Note: Includes three (3) AL3301 couplings.	72.12	9.76
26 05 33 23-0364	EA			#AL3316 Cross Fitting..... Note: Includes four (4) AL3301 couplings.	81.70	9.76
26 05 33 23-0365	EA			#AL3317 Internal Elbow..... Note: Includes two (2) AL3301 couplings.	59.13	5.98
26 05 33 23-0366	EA			#AL3318 External Elbow..... Note: Includes two (2) AL3301 couplings.	59.20	5.98
26 05 33 23-0367	EA			#AL3346D Duplex Receptacle Cover.....	13.06	1.89
26 05 33 23-0368	EA			#AL3346E Single Receptacle Cover.....	12.98	1.89
26 05 33 23-0369	EA			#AL3346G GFCI/ Surge Receptacle Cover.....	12.84	1.89
26 05 33 23-0370	EA			#AL3356R Single Device Cover Plate.....	12.88	1.57
<b>26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) <small>(26 05 33 23-0315)</small></b>						
26 05 33 23-0372	LF			#AL5200B-10, 5" x 2" Two Piece Surface Aluminum Raceway Base..... <i>For Concrete Or Masonry Surface, Add</i>	16.54 0.31	2.83
26 05 33 23-0373	LF			#AL5200C Aluminum Raceway Cover.....	7.01	0.31
26 05 33 23-0374	LF			#AL5200D Divider.....	4.07	0.31
26 05 33 23-0375	EA			#AL5200WC Wire Clips For Conductors.....	5.49	1.57
26 05 33 23-0376	EA			#AL5200WC2 Wire Clips For Conductors.....	4.56	1.57
26 05 33 23-0377	EA			#AL5200WC3 Wire Clips For Conductors.....	4.53	1.57

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0378	EA		#AL5201 Couplings.....	10.42	1.89
26 05 33 23-0379	EA		#AL5206 Cover Clip.....	9.43	1.89
26 05 33 23-0380	EA		#AL5209 Ground Adapter.....	11.59	1.89
26 05 33 23-0381	EA		#AL5210B Blank End Fittings.....	12.39	2.52
26 05 33 23-0382	EA		#AL5210B1 Blank End Fittings.....	13.35	2.52
26 05 33 23-0383	EA		#AL5210B2 Blank End Fittings.....	13.57	2.52
26 05 33 23-0384	EA		#AL5210B3 Blank End Fittings.....	13.13	2.52
26 05 33 23-0385	EA		#AL5211 Flat 90 Degree Elbow Note: Includes two (2) pairs of AL5201 couplings.	70.24	7.86
26 05 33 23-0386	EA		#AL5214 Wall Box Connector.....	54.11	9.76
26 05 33 23-0387	EA		#AL5215 Tee Fitting..... Note: Includes three (3) pairs of AL5201 couplings.	82.01	9.76
26 05 33 23-0388	EA		#AL5216 Four Way Fitting..... Note: Includes four (4) pairs of AL5201 couplings.	90.27	9.76
26 05 33 23-0389	EA		#AL5217 Internal Elbow..... Note: Includes two (2) pairs of AL5201 couplings.	72.40	9.76
26 05 33 23-0390	EA		#AL5217A Internal Corner Coupling.....	28.92	9.76
26 05 33 23-0391	EA		#AL5217N Inverted Internal Elbow.....	74.50	9.76
26 05 33 23-0392	EA		#AL5218 External Elbow..... Note: Includes two (2) pairs of AL5201 couplings.	73.05	9.76
26 05 33 23-0393	EA		#AL5246B Blank Device Cover Plate.....	15.73	1.89
26 05 33 23-0394	EA		#AL5246D Receptacle Device Cover Plate.....	18.75	1.89
26 05 33 23-0395	EA		#AL5246DD Double Receptacle Device Cover Plate.....	22.37	1.89
26 05 33 23-0396	EA		#AL5246F Device Cover Plate.....	20.94	1.89
26 05 33 23-0397	EA		#AL5246G Device Cover Plate.....	19.29	1.89
26 05 33 23-0398	EA		#AL5260 Offset Divider.....	17.64	4.09
<b>26 05 33 23-0399</b>			<b>3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)</b> <small>(26 05 33 23-0315)</small>		
26 05 33 23-0400	LF		#ALA3800B-10 Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base.....	14.46	2.83
26 05 33 23-0401	EA		#ALA3806 Cover Clip.....	6.79	1.89
26 05 33 23-0402	EA		#ALA3810B Blank End Fittings.....	12.14	2.52
26 05 33 23-0403	EA		#ALA3810B1 Entrance End Cap Fittings.....	13.09	2.52
26 05 33 23-0404	EA		#ALA3811 Flat 90 Degree Elbow..... Note: Includes two (2) ALA01 couplings.	68.50	7.86
26 05 33 23-0405	EA		#ALA3815 Flat Tee Fitting..... Note: Includes three (3) ALA01 couplings.	70.20	9.76
26 05 33 23-0406	EA		#ALA3817 Internal Elbow..... Note: Includes two (2) ALA01 couplings.	68.38	9.76
26 05 33 23-0407	EA		#ALA3817N Inverted Internal Elbow..... Note: Includes two (2) ALA01 couplings.	80.99	9.76
26 05 33 23-0408	EA		#ALA3818 External Elbow..... Note: Includes two (2) ALA01 couplings.	69.32	9.76
<b>26 05 33 23-0409</b>			<b>6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)</b> <small>(26 05 33 23-0315)</small>		
26 05 33 23-0410	LF		#ALA4800B-10 Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base.....	22.16	2.83
26 05 33 23-0411	EA		#ALA4806 Cover Clip.....	9.49	1.89
26 05 33 23-0412	EA		#ALA4810B Blank End Fittings.....	12.42	2.52
26 05 33 23-0413	EA		#ALA4810B2 Entrance End Cap Fittings.....	13.88	2.52
26 05 33 23-0414	EA		#ALA4811 Flat 90 Degree Elbow..... Note: Includes four (4) ALA01 couplings.	82.40	7.86
26 05 33 23-0415	EA		#ALA4815 Flat Tee Fitting..... Note: Includes six (6) ALA01 couplings.	112.96	9.76
26 05 33 23-0416	EA		#ALA4817 Internal Elbow..... Note: Includes four (4) ALA01 couplings.	75.69	9.76
26 05 33 23-0417	EA		#ALA4817N Inverted Internal Elbow..... Note: Includes four (4) ALA01 couplings.	89.42	9.76
26 05 33 23-0418	EA		#ALA4818 External Elbow..... Note: Includes four (4) ALA01 couplings.	79.56	9.76
<b>26 05 33 23-0419</b>			<b>Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800)</b> <small>(26 05 33 23-0315)</small>		
26 05 33 23-0420	LF		#ALAC-5 3" Wide Aluminum Raceway Cover..... Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	4.78	0.31
26 05 33 23-0421	EA		#ALAWC Wire Clips.....	4.25	1.57
26 05 33 23-0422	EA		#ALA01 Slide Couplings.....	10.55	1.89
26 05 33 23-0423	EA		#ALA09 Grounding Adapter.....	8.94	1.89
26 05 33 23-0424	EA		#ALA11RI Bend Radius Control Insert For Flat Elbow.....	24.28	7.86
26 05 33 23-0425	EA		#ALA17A Internal Corner Coupling.....	28.89	9.76
26 05 33 23-0426	EA		#ALA17/18RI Bend Radius Control Insert For Internal And External Elbow.....	27.18	7.86
26 05 33 23-0427	EA		#ALA-BL Blank Cover Plate.....	11.59	1.89
26 05 33 23-0428	EA		#ALA-DR Duplex Receptacle Cover Plate.....	12.38	1.89
26 05 33 23-0429	EA		#ALA-E Single Receptacle Cover Plate, 1.40" Diameter Opening.....	12.90	1.89
26 05 33 23-0430	EA		#ALA-F Single Receptacle Cover Plate, 1.59" Diameter Opening.....	13.51	1.89
26 05 33 23-0431	EA		#ALA-G GFCI/Surge/Decorator Cover Plate.....	12.49	1.89
26 05 33 23-0432	EA		#ALA-J Single Receptacle Cover Plate, 2.13" Diameter Opening.....	12.92	1.89
26 05 33 23-0433	EA		#ALA-N Toggle Switch Cover Plate.....	13.26	1.89
26 05 33 23-0434	EA		#ALA-LPB Active LPB Cover Plate.....	17.10	1.89
26 05 33 23-0435	EA		#ALA-MAB Active MAB Cover Plate.....	16.05	1.89





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0436 EA #ALA-MABRT Ortronics Cover Plate .....	18.56	1.89
26 05 33 23-0437 EA #ALA-SG 1-3/4" x 2-3/4" Cover Plate .....	12.89	1.89
26 05 33 23-0438 EA #ALA-2A Active 2A Cover Plate.....	17.92	1.89
26 05 33 23-0439 EA #ALA-ABRT Ortronics Communications Cover Plate .....	16.36	1.89
26 05 33 23-0440 EA #ALA-Z 3/4" Grommet/Mousehole Cover Plate .....	13.23	1.89
26 05 33 23-0441 EA #ALA-LPB3S2 Ortronics Low Profile Cover Plate.....	16.51	1.89
<b>26 05 33 23-0442 Surface Metal Raceway, Preassembled With Outlets</b> <small>(26 05 33 23-0056)</small>		
Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0443 LF Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit.....	18.76	5.02
For Concrete Or Masonry Surface, Add	0.50	
26 05 33 23-0444 LF Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit.....	14.73	3.58
For Concrete Or Masonry Surface, Add	0.36	
26 05 33 23-0445 LF Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit.....	13.62	3.79
For Concrete Or Masonry Surface, Add	0.38	
26 05 33 23-0446 LF Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit.....	15.37	3.58
For Concrete Or Masonry Surface, Add	0.36	
26 05 33 23-0447 LF Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit.....	12.01	3.65
For Concrete Or Masonry Surface, Add	0.36	
26 05 33 23-0448 LF Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits .....	17.50	3.58
For Concrete Or Masonry Surface, Add	0.36	
26 05 33 23-0449 LF Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits .....	15.18	3.58
For Concrete Or Masonry Surface, Add	0.36	
26 05 33 23-0450 LF Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits .....	16.58	3.58
For Concrete Or Masonry Surface, Add	0.36	
<b>26 05 33 23-0451 Surface Non-Metallic Raceways</b> <small>(26 05 33 23-0001)</small>		
Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
<b>26 05 33 23-0452 One Piece Surface Non-Metallic Raceways</b> <small>(26 05 33 23-0451)</small>		
Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).		
<b>26 05 33 23-0453 #400, 7/8" x 7/16"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0454 LF #400BAC, 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover.....	4.04	1.26
For Concrete Or Masonry Surface, Add	0.13	
26 05 33 23-0455 EA #400WC Wire Clip .....	2.84	1.26
26 05 33 23-0456 EA #406 Cover Clip .....	3.05	1.26
26 05 33 23-0457 EA #410B Blank End Clip .....	5.79	2.52
26 05 33 23-0458 EA #411 Flat 90 Degree Elbow .....	7.06	2.52
26 05 33 23-0459 EA #415 Tee.....	8.89	3.15
26 05 33 23-0460 EA #417 Internal Elbow .....	6.89	2.52
26 05 33 23-0461 EA #418 External Elbow.....	6.89	2.52
<b>26 05 33 23-0462 #800, 1-5/16" x 7/16"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0463 LF #800BAC, 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover .....	4.84	1.26
For Concrete Or Masonry Surface, Add	0.13	
26 05 33 23-0464 EA #800WC Wire Clip .....	2.90	1.26
26 05 33 23-0465 EA #806 Cover Clip .....	2.99	1.26
26 05 33 23-0466 EA #810A2 Entrance End Fitting.....	10.19	2.52
26 05 33 23-0467 EA #810B Blank End Fitting .....	5.87	2.52
26 05 33 23-0468 EA #811 Flat 90 Degree Elbow .....	7.13	2.52
26 05 33 23-0469 EA #815 Tee.....	8.96	3.15
26 05 33 23-0470 EA #817 Internal Elbow .....	6.94	2.52
26 05 33 23-0471 EA #818 External Elbow.....	6.94	2.52
26 05 33 23-0472 EA #889A End Reducer, #800 To #400 .....	8.12	2.52
<b>26 05 33 23-0473 #2300, 2-1/4" x 11/16"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0474 LF #2300BAC, 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover .....	5.74	1.26
For Concrete Or Masonry Surface, Add	0.13	
26 05 33 23-0475 LF #2300BACD, 2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover .....	6.18	1.26
For Concrete Or Masonry Surface, Add	0.13	
26 05 33 23-0476 EA #2300WC Wire Clip .....	3.10	1.26
26 05 33 23-0477 EA #2306 Cover Clip .....	3.32	1.26
26 05 33 23-0478 EA #2310A Entrance End Fitting.....	11.26	2.52
26 05 33 23-0479 EA #2310B Blank End Fitting .....	6.30	2.52
26 05 33 23-0480 EA #2310DFO Divided Entrance End Fitting.....	12.95	2.52
26 05 33 23-0481 EA #2311 Flat 90 Degree Elbow .....	7.30	2.52
26 05 33 23-0482 EA #2311DFO Divided Flat 90 Degree Elbow.....	8.02	2.52
26 05 33 23-0483 EA #2315 Tee.....	9.06	3.15
26 05 33 23-0484 EA #2317 Internal Elbow .....	7.30	2.52
26 05 33 23-0485 EA #2317DFO Divided Internal Elbow.....	8.03	2.52
26 05 33 23-0486 EA #2318 External Elbow .....	7.32	2.52
26 05 33 23-0487 EA #2318DFO Divided External Elbow .....	8.16	2.52
26 05 33 23-0488 EA #2389 End Reducer, #2300 To #400.....	8.17	2.52
26 05 33 23-0489 EA #2389A End Reducer, #2300 To #800 .....	8.63	2.52

**26 Electrical****26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
**ARLINGTON**  
 VIRGINIA

 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0490			<b>#400, #800 Or #2300 Fittings</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0491	EA		#2336 Blank Cover, 4-1/2" Diameter .....	9.63	2.21
26 05 33 23-0492	EA		#2337A Extension Box, 5-1/2" Diameter .....	16.80	2.52
26 05 33 23-0493	EA		#2338-A Fixture Box, 5-1/2" Diameter .....	16.91	2.52
26 05 33 23-0494	EA		#2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide .....	15.03	2.52
26 05 33 23-0495	EA		#2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide .....	17.78	2.52
26 05 33 23-0496	EA		#2344D Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide .....	16.58	2.52
26 05 33 23-0497	EA		#2344SD-2A Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide .....	18.21	2.52
26 05 33 23-0498	EA		#2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide .....	13.57	4.09
26 05 33 23-0499	EA		#2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide .....	15.99	4.09
26 05 33 23-0500	EA		#2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide .....	14.27	4.09
26 05 33 23-0501	EA		#2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide .....	17.92	4.09
26 05 33 23-0502	EA		#2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide .....	22.17	4.09
26 05 33 23-0503	EA		#2348AMP 1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide .....	20.82	4.09
26 05 33 23-0504	EA		#2348D 1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide .....	18.50	4.09
26 05 33 23-0505	EA		#2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide .....	13.20	4.09
26 05 33 23-0506			<b>#2700, 3/4" x 3/8"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0507	LF		#2700, 3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover .....	3.73	1.26
			<i>For Concrete Or Masonry Surface, Add</i> .....	0.13	
26 05 33 23-0508	EA		#2700WC 3/4" Wire Clip .....	1.52	0.63
26 05 33 23-0509	EA		#2706 Cover Clip .....	2.54	0.63
26 05 33 23-0510	EA		#2710B Blank End .....	3.79	1.26
26 05 33 23-0511	EA		#2711 Flat 90 Degree Elbow .....	4.45	1.57
26 05 33 23-0512	EA		#2715 Tee .....	6.98	2.83
26 05 33 23-0513	EA		#2717 Internal Elbow .....	5.08	1.89
26 05 33 23-0514	EA		#2718 External Elbow .....	5.07	1.89
26 05 33 23-0515	EA		#2786 Drop Ceiling Connector .....	6.00	2.21
26 05 33 23-0516			<b>#2800, 1" x 1/2"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0517	LF		#2800, 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover .....	4.84	1.57
			<i>For Concrete Or Masonry Surface, Add</i> .....	0.16	
26 05 33 23-0518	EA		#2800WC 1" Wire Clip .....	2.25	0.94
26 05 33 23-0519	EA		#2806 Cover Clip .....	3.26	0.94
26 05 33 23-0520	EA		#2810B Blank End .....	4.52	1.57
26 05 33 23-0521	EA		#2811 Flat 90 Degree Elbow .....	5.83	2.21
26 05 33 23-0522	EA		#2811FO Radiused Flat 90 Degree Elbow .....	6.33	2.21
26 05 33 23-0523	EA		#2815 Tee .....	8.35	3.46
26 05 33 23-0524	EA		#2817 Internal Elbow .....	6.45	2.52
26 05 33 23-0525	EA		#2818 External Elbow .....	6.47	2.52
26 05 33 23-0526	EA		#2815FO Radiused Tee .....	9.02	3.46
26 05 33 23-0527	EA		#2817FO Radiused Internal Elbow .....	7.05	2.52
26 05 33 23-0528	EA		#2818FO Radiused External Elbow .....	6.97	2.52
26 05 33 23-0529	EA		#2886 Drop Ceiling Connector .....	7.29	2.83
26 05 33 23-0530	EA		#2889 2800-2700 Reducer .....	6.59	2.52
26 05 33 23-0531			<b>#2900, 1-1/2" x 3/4"</b> <small>(26 05 33 23-0452)</small>		
26 05 33 23-0532	LF		#2900, 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover .....	5.91	1.89
			<i>For Concrete Or Masonry Surface, Add</i> .....	0.19	
26 05 33 23-0533	EA		#2900WC 1-1/2" Wire Clip .....	2.97	1.26
26 05 33 23-0534	EA		#2906 Cover Clip .....	4.00	1.26
26 05 33 23-0535	EA		#2910B Blank End .....	5.26	1.89
26 05 33 23-0536	EA		#2911 Flat 90 Degree Elbow .....	6.53	2.52
26 05 33 23-0537	EA		#2911FO Radiused Flat 90 Degree Elbow .....	7.31	2.52
26 05 33 23-0538	EA		#2915 Tee .....	9.04	3.78
26 05 33 23-0539	EA		#2915FO Radiused Tee .....	9.84	3.78
26 05 33 23-0540	EA		#2917 Internal Elbow .....	7.16	2.83
26 05 33 23-0541	EA		#2917FO Radiused Internal Elbow .....	7.97	2.83
26 05 33 23-0542	EA		#2918 External Elbow .....	7.15	2.83
26 05 33 23-0543	EA		#2918FO Radiused External Elbow .....	8.20	2.83
26 05 33 23-0544	EA		#2986 Drop Ceiling Connector .....	7.29	2.83
26 05 33 23-0545	EA		#2989 2900-2800 Reducer .....	8.10	3.15
26 05 33 23-0546	EA		#2989A 2900-2700 Reducer .....	7.83	3.15
26 05 33 23-0547			<b>Two Piece Surface Non-Metallic Raceways</b> <small>(26 05 33 23-0451)</small>		
			Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).		
26 05 33 23-0548			<b>#5000, 5" x 1"</b> <small>(26 05 33 23-0547)</small>		
26 05 33 23-0549	LF		#5000B, 5" x 1" Two Piece Surface Non-Metallic Raceway Base .....	9.51	2.83
			<i>For Concrete Or Masonry Surface, Add</i> .....	0.28	
26 05 33 23-0550	LF		#5000C Cover, Black, Gray Or White .....	8.92	2.83
26 05 33 23-0551	LF		#5000COA Cover, Oak Veneer .....	18.89	2.83
26 05 33 23-0552	LF		#5000CW Cover, Maple Wood Veneer .....	14.95	2.83
26 05 33 23-0553	LF		#5000T Quarter Round Trim, Black, Gray Or White .....	1.34	0.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0554 LF #5000TOA Quarter Round Trim, Oak Veneer.....	6.34	0.31
26 05 33 23-0555 LF #5000TW Quarter Round Trim, Maple Wood Veneer.....	3.83	0.31
26 05 33 23-0556 EA #5001 Base Coupling .....	8.32	3.15
26 05 33 23-0557 EA #5004 Blank/Coax Adapter.....	4.83	1.57
26 05 33 23-0558 EA #5005 Low Voltage Blank Plate .....	6.63	1.89
26 05 33 23-0559 EA #5006 Cover Clip .....	9.16	3.15
26 05 33 23-0560 EA #5006A Internal Wire Guard .....	8.40	3.15
26 05 33 23-0561 EA #5007C Device Bracket .....	9.96	3.15
26 05 33 23-0562 EA #5007C-1 Device Plate.....	17.54	6.30
26 05 33 23-0563 EA #5007C-2 Deep Device Plate .....	18.34	6.30
26 05 33 23-0564 EA #5010 End Cap, Right Or Left.....	14.83	5.98
26 05 33 23-0565 EA #5010A Entrance End Feed.....	30.43	9.76
26 05 33 23-0566 EA #5017B Internal Base Elbow.....	20.18	7.86
26 05 33 23-0567 EA #5017C Internal Cover Elbow .....	18.87	6.30
26 05 33 23-0568 EA #5017WG Internal Elbow Wire Guard.....	12.59	4.72
26 05 33 23-0569 EA #5018B External Base Elbow .....	20.13	7.86
26 05 33 23-0570 EA #5018C External Cover Elbow.....	19.09	6.30
26 05 33 23-0571 EA #5018WG External Elbow Wire Guard .....	8.18	3.15

**26 05 33 23-0572 #5400, 5-1/4" x 1-11/16"** (26 05 33 23-0547)

26 05 33 23-0573 LF #5400TB Two Compartment, 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base.....	10.17	2.83
<i>For Concrete Or Masonry Surface, Add</i>	<i>0.28</i>	
26 05 33 23-0574 LF #5400C Full Width Cover.....	3.93	0.31
26 05 33 23-0575 LF #5400TC Twin Snap Cover.....	2.46	0.31
26 05 33 23-0576 EA #5400TWC Twin Snap Cover Wire Clips.....	3.63	1.57
26 05 33 23-0577 EA #5406A Cover Clip.....	6.58	1.89
26 05 33 23-0578 EA #5406T Twin Cover Clip .....	5.37	1.89
26 05 33 23-0579 EA #5406TB Base Seam Clip.....	4.68	1.89
26 05 33 23-0580 EA #5408 L Or R (Left Or Right) Transition Fitting .....	38.10	9.76
26 05 33 23-0581 EA #5410 End Cap.....	17.90	5.98
26 05 33 23-0582 EA #5410DFO Radiused Divided Entrance Cap Fitting.....	36.37	9.76
26 05 33 23-0583 EA #5411FO Radiused Flat 90 Degree Elbow .....	33.76	7.86
26 05 33 23-0584 EA #5415 Tee Fitting.....	38.52	9.76
26 05 33 23-0585 EA #5415FO Radiused Tee Fitting.....	40.61	9.76
26 05 33 23-0586 EA #5417FO Radiused Internal Elbow .....	30.85	9.76
26 05 33 23-0587 EA #5418 External Elbow.....	31.37	9.76
26 05 33 23-0588 EA #5418FO Radiused External Elbow .....	31.85	9.76
26 05 33 23-0589 EA #5450 5-5/32" x 6" Device Bracket .....	15.89	3.15
26 05 33 23-0590 EA #5450A3 7-19/32" x 7-1/2" Device Bracket.....	21.59	3.15
26 05 33 23-0591 EA #5450T 2-1/2" x 4-7/8" Twin Snap Device Bracket .....	11.67	3.15
26 05 33 23-0592 EA #5474 Transition Fitting .....	32.84	9.76

**26 05 33 23-0593 #5500, 6-11/16" x 1-11/16"** (26 05 33 23-0547)

26 05 33 23-0594 LF #5500BD3 Three Compartment Divided, 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base.....	13.16	2.83
<i>For Concrete Or Masonry Surface, Add</i>	<i>0.28</i>	
26 05 33 23-0595 LF #5500C Cover.....	5.22	0.31
26 05 33 23-0596 EA #5500WC Wire Clips .....	4.39	1.57
26 05 33 23-0597 EA #5506 Cover Clip .....	7.54	1.89
26 05 33 23-0598 EA #5506B Base Seam Clip Fitting.....	5.00	1.89
26 05 33 23-0599 EA #5507AD Modular Furniture Adapter .....	6.95	1.89
26 05 33 23-0600 EA #5507B Blank Faceplate.....	6.98	1.89
26 05 33 23-0601 EA #5507D Duplex Receptacle Faceplate .....	7.03	1.89
26 05 33 23-0602 EA #5507FRJ Dual RJ Connector Faceplate .....	7.03	1.89
26 05 33 23-0603 EA #5507R Rectangular Receptacle Faceplate .....	6.94	1.89
26 05 33 23-0604 EA #5507RJ Dual RJ Connector Faceplate .....	6.96	1.89
26 05 33 23-0605 EA #5507S Rectangular Spacer Fitting .....	6.90	1.89
26 05 33 23-0606 EA #5507SW Switch Faceplate.....	6.92	1.89
26 05 33 23-0607 EA #5507T1 Twistlock Faceplate.....	6.98	1.89
26 05 33 23-0608 EA #5507T2 Single Receptacle Faceplate.....	6.81	1.89
26 05 33 23-0609 EA #5550 6-5/8" x 6" Device Bracket .....	19.38	3.15
26 05 33 23-0610 EA #5550A4 9-5/8" x 7-1/2" Device Bracket.....	26.73	3.15
26 05 33 23-0611 EA #5510 End Cap.....	19.74	5.98
26 05 33 23-0612 EA #5510D Entrance End Fitting.....	42.26	9.76
26 05 33 23-0613 EA #5511FO Radiused Flat 90 Degree Elbow .....	39.18	7.86
26 05 33 23-0614 EA #5514A Backfeed Connector .....	30.50	7.86
26 05 33 23-0615 EA #5515 Tee Fitting.....	44.68	9.76
26 05 33 23-0616 EA #5517FO Radiused Internal Elbow .....	34.61	9.76
26 05 33 23-0617 EA #5518 External Elbow.....	35.62	9.76
26 05 33 23-0618 EA #5518FO Radiused External Elbow.....	37.74	9.76
26 05 33 23-0619 EA #5574 Transition Fitting .....	33.60	9.76
26 05 33 23-0620 EA #5574A Transition Fitting.....	47.36	9.76

**26 05 36 Cable Trays For Electrical Systems** (26 05)

26 05 36 00-0001 **Cable Trays** (26 05 36)

Note: Excludes supporting hangers.

26 05 36 00-0002 **Ladder Bottom Galvanized Steel Cable Tray** (26 05 36 00-0001)

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
**ARLINGTON**  
 VIRGINIA

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0003		<b>4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0002)</small>			
26 05 36 00-0004		<b>4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>			
26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	20.83 -1.53		6.61
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	22.48 -1.66		7.09
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	24.55 -1.82		7.64
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	27.19 -2.04		8.12
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	29.68 -2.27		8.40
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	35.99 -2.79		9.71
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	40.45 -3.12		11.09
26 05 36 00-0012		<b>6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>			
26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	19.73 -1.43		6.48
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.31 -1.56		6.89
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	22.77 -1.65		7.51
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	24.87 -1.83		7.92
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	26.70 -1.99		8.19
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	31.32 -2.35		9.44
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.24 -2.56		10.33
26 05 36 00-0020		<b>9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>			
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	19.05 -1.37		6.41
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	19.63 -1.41		6.61
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.53 -1.57		7.02
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	23.49 -1.73		7.37
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	25.32 -1.90		7.57
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	27.60 -2.07		8.26
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	29.67 -2.22		8.95
26 05 36 00-0028		<b>12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>			
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	18.46 -1.33		6.13
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	18.84 -1.36		6.27
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	19.95 -1.45		6.61
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.11 -1.53		6.96
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.90 -1.61		6.96
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	24.14 -1.79		7.51
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	25.42 -1.89		7.85
26 05 36 00-0036		<b>18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>			
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	18.20 -1.32		5.99
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	18.52 -1.34		6.13



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0039 LF 12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	19.62	6.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.42	
26 05 36 00-0040 LF 18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	20.59	6.75
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.50	
26 05 36 00-0041 LF 24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	20.91	6.82
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.52	
26 05 36 00-0042 LF 30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	22.24	7.30
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.61	
26 05 36 00-0043 LF 36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	23.22	7.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.68	
<b>26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0046 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	168.03	69.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.05	
26 05 36 00-0047 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	188.27	78.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.27	
26 05 36 00-0048 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	207.10	86.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.47	
26 05 36 00-0049 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	258.35	106.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.95	
26 05 36 00-0050 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	294.75	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.28	
26 05 36 00-0051 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	348.89	137.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.41	
26 05 36 00-0052 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	401.87	157.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.07	
<b>26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0054 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	228.98	71.82
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.91	
26 05 36 00-0055 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	250.24	82.56
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.14	
26 05 36 00-0056 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	269.86	91.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.34	
26 05 36 00-0057 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	316.09	114.03
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.11	
26 05 36 00-0058 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	355.74	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.55	
26 05 36 00-0059 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	397.31	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.22	
26 05 36 00-0060 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	464.65	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.97	
<b>26 05 36 00-0061 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0062 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	246.15	75.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.36	
26 05 36 00-0063 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	272.54	86.90
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.02	
26 05 36 00-0064 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	295.75	97.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.47	
26 05 36 00-0065 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	356.95	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.50	
26 05 36 00-0066 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	407.53	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.78	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0067	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	477.16	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.94	
26 05 36 00-0068	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	543.81	194.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.20	
<b>26 05 36 00-0069</b>			<b>12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small></b>		
26 05 36 00-0070	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	124.59	50.06
			<i>For 60 Degree Bend, Deduct</i>	-21.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.29	
			<i>For 30 Degree Bend, Deduct</i>	-39.33	
26 05 36 00-0071	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	142.90	60.04
			<i>For 60 Degree Bend, Deduct</i>	-24.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.29	
			<i>For 30 Degree Bend, Deduct</i>	-43.58	
26 05 36 00-0072	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	159.32	68.86
			<i>For 60 Degree Bend, Deduct</i>	-26.18	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.19	
			<i>For 30 Degree Bend, Deduct</i>	-47.46	
26 05 36 00-0073	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	192.10	87.03
			<i>For 60 Degree Bend, Deduct</i>	-30.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.96	
			<i>For 30 Degree Bend, Deduct</i>	-54.89	
26 05 36 00-0074	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	238.18	106.60
			<i>For 60 Degree Bend, Deduct</i>	-37.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.94	
			<i>For 30 Degree Bend, Deduct</i>	-68.82	
26 05 36 00-0075	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	281.30	122.36
			<i>For 60 Degree Bend, Deduct</i>	-45.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.93	
			<i>For 30 Degree Bend, Deduct</i>	-83.33	
26 05 36 00-0076	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	320.11	143.64
			<i>For 60 Degree Bend, Deduct</i>	-50.57	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.04	
			<i>For 30 Degree Bend, Deduct</i>	-92.26	
<b>26 05 36 00-0077</b>			<b>24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small></b>		
26 05 36 00-0078	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	138.14	51.64
			<i>For 60 Degree Bend, Deduct</i>	-25.80	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.51	
			<i>For 30 Degree Bend, Deduct</i>	-45.87	
26 05 36 00-0079	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	159.25	62.25
			<i>For 60 Degree Bend, Deduct</i>	-28.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.74	
			<i>For 30 Degree Bend, Deduct</i>	-51.27	
26 05 36 00-0080	EA		12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	181.99	71.88
			<i>For 60 Degree Bend, Deduct</i>	-32.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.21	
			<i>For 30 Degree Bend, Deduct</i>	-58.17	
26 05 36 00-0081	EA		18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	216.90	91.79
			<i>For 60 Degree Bend, Deduct</i>	-36.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.04	
			<i>For 30 Degree Bend, Deduct</i>	-65.74	
26 05 36 00-0082	EA		24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	267.34	114.03
			<i>For 60 Degree Bend, Deduct</i>	-44.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.23	
			<i>For 30 Degree Bend, Deduct</i>	-80.53	
26 05 36 00-0083	EA		30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	312.87	132.28
			<i>For 60 Degree Bend, Deduct</i>	-52.55	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.27	
			<i>For 30 Degree Bend, Deduct</i>	-94.94	
26 05 36 00-0084	EA		36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	368.33	157.48
			<i>For 60 Degree Bend, Deduct</i>	-61.19	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.71	
			<i>For 30 Degree Bend, Deduct</i>	-110.73	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0085				<b>36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0086	EA			6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	163.59	53.29
				<i>For 60 Degree Bend, Deduct</i> .....	-33.57	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-11.92	
				<i>For 30 Degree Bend, Deduct</i> .....	-58.90	
26 05 36 00-0087	EA			9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	186.87	64.72
				<i>For 60 Degree Bend, Deduct</i> .....	-36.86	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-13.29	
				<i>For 30 Degree Bend, Deduct</i> .....	-65.03	
26 05 36 00-0088	EA			12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	205.89	75.12
				<i>For 60 Degree Bend, Deduct</i> .....	-39.15	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-14.33	
				<i>For 30 Degree Bend, Deduct</i> .....	-69.42	
26 05 36 00-0089	EA			18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	249.52	97.23
				<i>For 60 Degree Bend, Deduct</i> .....	-45.06	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.85	
				<i>For 30 Degree Bend, Deduct</i> .....	-80.50	
26 05 36 00-0090	EA			24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	296.43	122.36
				<i>For 60 Degree Bend, Deduct</i> .....	-50.91	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-19.44	
				<i>For 30 Degree Bend, Deduct</i> .....	-91.65	
26 05 36 00-0091	EA			30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	358.78	143.64
				<i>For 60 Degree Bend, Deduct</i> .....	-63.33	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-23.91	
				<i>For 30 Degree Bend, Deduct</i> .....	-113.53	
26 05 36 00-0092	EA			36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	422.62	173.87
				<i>For 60 Degree Bend, Deduct</i> .....	-72.81	
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-27.77	
				<i>For 30 Degree Bend, Deduct</i> .....	-131.01	
26 05 36 00-0093				<b>12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0094	EA			6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	180.06	68.86
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-12.27	
26 05 36 00-0095	EA			9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	197.90	78.63
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-13.23	
26 05 36 00-0096	EA			12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	213.95	86.96
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-14.15	
26 05 36 00-0097	EA			18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	249.71	106.60
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.09	
26 05 36 00-0098	EA			24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	279.02	122.36
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-17.70	
26 05 36 00-0099	EA			30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	310.58	137.72
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-19.58	
26 05 36 00-0100	EA			36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	346.08	157.20
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-21.51	
26 05 36 00-0101				<b>24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0102	EA			6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	212.02	71.82
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.22	
26 05 36 00-0103	EA			9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	232.28	82.63
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.34	
26 05 36 00-0104	EA			12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	251.34	91.79
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-17.48	
26 05 36 00-0105	EA			18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	293.58	114.03
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-19.86	
26 05 36 00-0106	EA			24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	329.23	132.28
				<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-21.90	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0107	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	365.04	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-23.99	
26 05 36 00-0108	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	418.90	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-27.40	
<b>26 05 36 00-0109</b>			<b>36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0110	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	249.69	75.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-18.71	
26 05 36 00-0111	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	273.99	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-20.15	
26 05 36 00-0112	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	292.69	97.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-21.16	
26 05 36 00-0113	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	345.06	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-24.31	
26 05 36 00-0114	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	382.01	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-26.23	
26 05 36 00-0115	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	437.54	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-29.98	
26 05 36 00-0116	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	496.19	194.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-33.44	
<b>26 05 36 00-0117</b>			<b>12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0118	EA		6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	325.00	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-21.48	
26 05 36 00-0119	EA		9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	351.81	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-23.21	
26 05 36 00-0120	EA		12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	368.85	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-24.37	
26 05 36 00-0121	EA		18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	411.24	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-27.35	
26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	464.99	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-31.21	
26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	514.64	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-35.25	
26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	582.47	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-39.89	
<b>26 05 36 00-0125</b>			<b>24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	403.33	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-28.36	
26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	434.13	157.48
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-30.29	
26 05 36 00-0128	EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	453.39	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-31.57	
26 05 36 00-0129	EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	470.88	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-31.80	
26 05 36 00-0130	EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	553.48	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-38.13	
26 05 36 00-0131	EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	594.96	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-41.14	
26 05 36 00-0132	EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	715.91	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-50.39	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-0133</b> <b>36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0134     EA     6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	507.50	157.48
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.63	
26 05 36 00-0135     EA     9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	544.26	173.87
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.94	
26 05 36 00-0136     EA     12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	577.38	183.44
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.45	
26 05 36 00-0137     EA     18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	636.21	206.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.41	
26 05 36 00-0138     EA     24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	722.41	235.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.59	
26 05 36 00-0139     EA     30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	783.04	254.44
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.10	
26 05 36 00-0140     EA     36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	886.01	300.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.58	
 <b>26 05 36 00-0141</b> <b>12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0142     EA     6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	381.93	122.36
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.99	
26 05 36 00-0143     EA     9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	391.52	127.18
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.55	
26 05 36 00-0144     EA     12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	401.49	132.28
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.13	
26 05 36 00-0145     EA     18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	423.62	143.64
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.39	
26 05 36 00-0146     EA     24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	437.53	150.11
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.24	
26 05 36 00-0147     EA     30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	475.24	165.27
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.75	
26 05 36 00-0148     EA     36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	513.38	183.44
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.05	
 <b>26 05 36 00-0149</b> <b>24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0150     EA     6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	541.98	132.28
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.18	
26 05 36 00-0151     EA     9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	555.79	137.72
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.10	
26 05 36 00-0152     EA     12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	570.36	143.64
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.07	
26 05 36 00-0153     EA     18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	602.73	157.48
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.15	
26 05 36 00-0154     EA     24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	625.10	165.27
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.74	
26 05 36 00-0155     EA     30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	664.80	183.44
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.19	
26 05 36 00-0156     EA     36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	718.95	206.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.68	
 <b>26 05 36 00-0157</b> <b>36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0158     EA     6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	840.42	143.64
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.07	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0159	EA		9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	859.01	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-73.39	
26 05 36 00-0160	EA		12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	879.03	157.48
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-74.78	
26 05 36 00-0161	EA		18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	914.22	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-76.93	
26 05 36 00-0162	EA		24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	937.98	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-78.51	
26 05 36 00-0163	EA		30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	999.93	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-82.78	
26 05 36 00-0164	EA		36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,056.47	235.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-86.00	
<b>26 05 36 00-0165</b>			<b>12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0166	EA		6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	405.00	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-26.73	
26 05 36 00-0167	EA		9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	425.62	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-28.07	
26 05 36 00-0168	EA		12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	454.06	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-30.12	
26 05 36 00-0169	EA		18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	486.54	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-32.44	
26 05 36 00-0170	EA		24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	548.13	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-36.46	
26 05 36 00-0171	EA		30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	610.01	235.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-41.35	
26 05 36 00-0172	EA		36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	665.96	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-45.40	
<b>26 05 36 00-0173</b>			<b>24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0174	EA		6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	557.09	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-40.42	
26 05 36 00-0175	EA		9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	583.32	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-42.12	
26 05 36 00-0176	EA		12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	611.24	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-43.91	
26 05 36 00-0177	EA		18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	651.16	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-46.76	
26 05 36 00-0178	EA		24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	726.84	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-51.48	
26 05 36 00-0179	EA		30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	782.19	275.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-55.27	
26 05 36 00-0180	EA		36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	875.08	300.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-62.49	
<b>26 05 36 00-0181</b>			<b>36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0182	EA		6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	695.53	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-52.34	
26 05 36 00-0183	EA		9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	733.89	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-55.04	
26 05 36 00-0184	EA		12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	775.48	235.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-57.90	
26 05 36 00-0185	EA		18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	845.48	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-63.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0186 EA 24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	968.74	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.85	
26 05 36 00-0187 EA 30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,057.33	329.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.23	
26 05 36 00-0188 EA 36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,158.98	367.57
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.27	
<b>26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0190 EA 6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	463.30	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.56	
26 05 36 00-0191 EA 9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	486.83	173.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.19	
26 05 36 00-0192 EA 12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	520.74	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.79	
26 05 36 00-0193 EA 18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	559.71	194.59
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.76	
26 05 36 00-0194 EA 24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	629.62	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.61	
26 05 36 00-0195 EA 30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	707.84	235.91
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.12	
26 05 36 00-0196 EA 36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	774.32	254.08
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.26	
<b>26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0198 EA 6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	670.18	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.73	
26 05 36 00-0199 EA 9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	699.93	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.78	
26 05 36 00-0200 EA 12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	731.36	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.92	
26 05 36 00-0201 EA 18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	779.01	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.55	
26 05 36 00-0202 EA 24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	863.12	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.11	
26 05 36 00-0203 EA 30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	927.60	275.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.81	
26 05 36 00-0204 EA 36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,043.67	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.35	
<b>26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0206 EA 6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	853.59	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.14	
26 05 36 00-0207 EA 9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	898.97	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.54	
26 05 36 00-0208 EA 12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	947.59	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.11	
26 05 36 00-0209 EA 18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,035.14	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.31	
26 05 36 00-0210 EA 24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,179.48	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.93	
26 05 36 00-0211 EA 30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,285.63	329.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.06	
26 05 36 00-0212 EA 36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,404.84	367.57
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.85	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-002)</small>			
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	160.46		69.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-10.29		
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	180.10		78.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-11.45		
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	198.22		86.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-12.58		
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	246.83		106.60
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.80		
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	281.78		122.36
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-17.98		
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	331.84		137.72
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-21.71		
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	381.94		157.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-25.08		
26 05 36 00-0222		24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	213.37		71.82
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.35		
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	234.15		82.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.53		
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	253.17		91.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-17.67		
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	298.08		114.03
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-20.31		
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	336.41		132.28
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-22.62		
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	376.29		150.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-25.12		
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	439.67		173.87
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-29.48		
26 05 36 00-0230		36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	228.86		75.05
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.63		
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	254.29		86.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-18.19		
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	276.66		97.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-19.56		
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	335.10		122.36
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-23.31		
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	383.52		143.64
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-26.38		
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	448.34		165.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-31.06		
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	512.34		194.18
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-35.06		
26 05 36 00-0238		12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0239 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	118.70 -7.70 -19.99 -36.10	50.06
26 05 36 00-0240 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	136.77 -8.68 -22.13 -40.21	60.04
26 05 36 00-0241 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	152.96 -9.56 -24.08 -43.96	68.86
26 05 36 00-0242 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	185.38 -11.29 -27.82 -51.20	87.03
26 05 36 00-0243 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	229.53 -14.07 -34.88 -64.06	106.60
26 05 36 00-0244 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	270.25 -16.83 -42.27 -77.25	122.36
26 05 36 00-0245 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	308.59 -18.89 -46.77 -85.93	143.64
<b>26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0247 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	130.70 -8.77 -23.34 -41.77	51.64
26 05 36 00-0248 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	151.32 -9.94 -26.07 -46.91	62.25
26 05 36 00-0249 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	173.11 -11.32 -29.57 -53.28	71.88
26 05 36 00-0250 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	207.78 -13.13 -33.37 -60.72	91.79
26 05 36 00-0251 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	256.29 -16.13 -40.87 -74.46	114.03
26 05 36 00-0252 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	299.66 -18.95 -48.19 -87.67	132.28
26 05 36 00-0253 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	353.20 -22.20 -56.20 -102.41	157.48
<b>26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0255 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	152.90 -10.85 -30.04 -53.02	53.29

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0256	EA		9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	175.58	64.72
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.17	
			<i>For 60 Degree Bend, Deduct</i>	-33.13	
			<i>For 30 Degree Bend, Deduct</i>	-58.82	
26 05 36 00-0257	EA		12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	194.37	75.12
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.18	
			<i>For 60 Degree Bend, Deduct</i>	-35.35	
			<i>For 30 Degree Bend, Deduct</i>	-63.08	
26 05 36 00-0258	EA		18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	237.03	97.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.60	
			<i>For 60 Degree Bend, Deduct</i>	-40.94	
			<i>For 30 Degree Bend, Deduct</i>	-73.63	
26 05 36 00-0259	EA		24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	283.22	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.12	
			<i>For 60 Degree Bend, Deduct</i>	-46.55	
			<i>For 30 Degree Bend, Deduct</i>	-84.38	
26 05 36 00-0260	EA		30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	341.73	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.20	
			<i>For 60 Degree Bend, Deduct</i>	-57.70	
			<i>For 30 Degree Bend, Deduct</i>	-104.15	
26 05 36 00-0261	EA		36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	403.65	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.87	
			<i>For 60 Degree Bend, Deduct</i>	-66.55	
			<i>For 30 Degree Bend, Deduct</i>	-120.57	
26 05 36 00-0262			<b>12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0263	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	174.84	68.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.75	
26 05 36 00-0264	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	192.56	78.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.70	
26 05 36 00-0265	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	208.42	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.60	
26 05 36 00-0266	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	234.66	106.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.58	
26 05 36 00-0267	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	273.02	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.10	
26 05 36 00-0268	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	304.10	137.72
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.93	
26 05 36 00-0269	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	339.35	157.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.83	
26 05 36 00-0270			<b>24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0271	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	204.64	71.82
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.48	
26 05 36 00-0272	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	224.72	82.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.59	
26 05 36 00-0273	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	243.47	91.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.70	
26 05 36 00-0274	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	285.29	114.03
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.03	
26 05 36 00-0275	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	320.53	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.03	
26 05 36 00-0276	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	355.85	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.07	
26 05 36 00-0277	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	408.57	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.37	
26 05 36 00-0278			<b>36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0279 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	239.73	75.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.72	
26 05 36 00-0280 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	263.66	86.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.12	
26 05 36 00-0281 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	282.24	97.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.12	
26 05 36 00-0282 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	333.78	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.18	
26 05 36 00-0283 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	370.61	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.09	
26 05 36 00-0284 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	424.57	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.69	
26 05 36 00-0285 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	482.39	194.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.06	
<b>26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0287 EA 6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	316.95	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.67	
26 05 36 00-0288 EA 9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	343.17	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.35	
26 05 36 00-0289 EA 12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	359.72	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.46	
26 05 36 00-0290 EA 18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	400.79	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.31	
26 05 36 00-0291 EA 24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	452.74	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.99	
26 05 36 00-0292 EA 30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	499.99	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.79	
26 05 36 00-0293 EA 36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	565.90	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.24	
<b>26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0295 EA 6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	390.72	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.10	
26 05 36 00-0296 EA 9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	420.92	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.97	
26 05 36 00-0297 EA 12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	439.70	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.20	
26 05 36 00-0298 EA 18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	483.00	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.01	
26 05 36 00-0299 EA 24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	537.39	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.52	
26 05 36 00-0300 EA 30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	577.43	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.39	
26 05 36 00-0301 EA 36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	693.46	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.15	
<b>26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0303 EA 6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	488.65	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.74	
26 05 36 00-0304 EA 9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	524.69	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.98	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0305 EA 12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	556.49	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.36	
26 05 36 00-0306 EA 18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	613.76	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.16	
26 05 36 00-0307 EA 24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	697.07	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.06	
26 05 36 00-0308 EA 30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.42	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.34	
26 05 36 00-0309 EA 36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	856.35	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.61	
<b>26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0311 EA 6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	368.24	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.63	
26 05 36 00-0312 EA 9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	377.71	127.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.17	
26 05 36 00-0313 EA 12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	387.56	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.74	
26 05 36 00-0314 EA 18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	409.45	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.97	
26 05 36 00-0315 EA 24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	423.12	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.80	
26 05 36 00-0316 EA 30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	459.87	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.22	
26 05 36 00-0317 EA 36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.41	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.45	
<b>26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0319 EA 6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	517.25	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.70	
26 05 36 00-0320 EA 9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	530.69	137.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.59	
26 05 36 00-0321 EA 12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	544.90	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.52	
26 05 36 00-0322 EA 18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	576.55	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.53	
26 05 36 00-0323 EA 24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	598.20	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.05	
26 05 36 00-0324 EA 30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	637.18	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.43	
26 05 36 00-0325 EA 36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	690.13	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.80	
<b>26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0327 EA 6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	794.19	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.45	
26 05 36 00-0328 EA 9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	812.18	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.71	
26 05 36 00-0329 EA 12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	831.60	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.04	
26 05 36 00-0330 EA 18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	866.19	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.13	
26 05 36 00-0331 EA 24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	889.35	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0332 EA 30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.50	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.74	
26 05 36 00-0333 EA 36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,005.44	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.89	
<b>26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-02 13)</small>		
26 05 36 00-0335 EA 6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	395.03	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.73	
26 05 36 00-0336 EA 9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	415.17	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.03	
26 05 36 00-0337 EA 12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	442.65	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.98	
26 05 36 00-0338 EA 18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	474.05	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.20	
26 05 36 00-0339 EA 24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	534.20	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.07	
26 05 36 00-0340 EA 30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	593.32	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.68	
26 05 36 00-0341 EA 36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	647.35	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.54	
<b>26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-02 13)</small>		
26 05 36 00-0343 EA 6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	537.75	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.49	
26 05 36 00-0344 EA 9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	563.39	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.13	
26 05 36 00-0345 EA 12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	590.70	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.86	
26 05 36 00-0346 EA 18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	629.30	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.58	
26 05 36 00-0347 EA 24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	703.55	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.16	
26 05 36 00-0348 EA 30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	757.34	275.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.78	
26 05 36 00-0349 EA 36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	846.26	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.60	
<b>26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-02 13)</small>		
26 05 36 00-0351 EA 6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	668.51	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.64	
26 05 36 00-0352 EA 9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	705.67	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.21	
26 05 36 00-0353 EA 12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	746.06	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.95	
26 05 36 00-0354 EA 18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	813.06	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.11	
26 05 36 00-0355 EA 24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	932.72	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.25	
26 05 36 00-0356 EA 30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,018.30	329.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.33	
26 05 36 00-0357 EA 36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,116.95	367.57
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.06	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0358		<b>12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>			
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	448.85	165.27	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.11		
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	471.69	173.94	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.67		
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	504.20	183.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.13		
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	541.61	194.59	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.95		
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	609.42	220.21	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.59		
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	683.63	235.91	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.70		
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	747.33	254.08	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.56		
26 05 36 00-0366		<b>24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>			
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	642.15	183.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.93		
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	671.03	194.52	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.89		
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	701.58	206.58	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.94		
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	747.32	220.21	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.38		
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	829.34	254.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.73		
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	891.56	275.43	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.20		
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,001.88	300.23	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.17		
26 05 36 00-0374		<b>36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>			
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	814.41	206.58	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.23		
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	858.06	220.21	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.45		
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	904.93	235.85	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.84		
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	988.13	254.44	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.61		
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,127.25	300.23	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.70		
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,229.04	329.97	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.40		
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,343.90	367.57	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.76		
26 05 36 00-0382		<b>9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>			
26 05 36 00-0383		<b>12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0384 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	152.89	69.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.54	
26 05 36 00-0385 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	171.94	78.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.64	
26 05 36 00-0386 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	189.33	86.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.69	
26 05 36 00-0387 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	235.30	106.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.65	
26 05 36 00-0388 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	268.81	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.68	
26 05 36 00-0389 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	314.79	137.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.00	
26 05 36 00-0390 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	362.01	157.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.08	
<b>26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0392 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	197.76	71.82
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.79	
26 05 36 00-0393 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	218.06	82.56
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.93	
26 05 36 00-0394 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	236.48	91.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.00	
26 05 36 00-0395 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	280.07	114.03
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.51	
26 05 36 00-0396 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	317.07	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.69	
26 05 36 00-0397 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	355.28	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.02	
26 05 36 00-0398 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	414.69	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.98	
<b>26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0400 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	211.57	75.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.90	
26 05 36 00-0401 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	236.04	86.90
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.37	
26 05 36 00-0402 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	257.56	97.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.65	
26 05 36 00-0403 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	313.24	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.13	
26 05 36 00-0404 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	359.50	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.98	
26 05 36 00-0405 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	419.53	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.18	
26 05 36 00-0406 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	480.88	194.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.91	
<b>26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0408 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	112.82	50.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.11	
<i>For 60 Degree Bend, Deduct</i>	-18.05	
<i>For 30 Degree Bend, Deduct</i>	-32.86	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0409	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	130.65	60.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.06	
			<i>For 60 Degree Bend, Deduct</i>	-20.11	
			<i>For 30 Degree Bend, Deduct</i>	-36.85	
26 05 36 00-0410	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	146.59	68.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.92	
			<i>For 60 Degree Bend, Deduct</i>	-21.98	
			<i>For 30 Degree Bend, Deduct</i>	-40.46	
26 05 36 00-0411	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	178.65	87.03
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.61	
			<i>For 60 Degree Bend, Deduct</i>	-25.60	
			<i>For 30 Degree Bend, Deduct</i>	-47.50	
26 05 36 00-0412	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	220.89	106.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.21	
			<i>For 60 Degree Bend, Deduct</i>	-32.03	
			<i>For 30 Degree Bend, Deduct</i>	-59.31	
26 05 36 00-0413	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	259.21	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.72	
			<i>For 60 Degree Bend, Deduct</i>	-38.63	
			<i>For 30 Degree Bend, Deduct</i>	-71.18	
26 05 36 00-0414	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	297.06	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.74	
			<i>For 60 Degree Bend, Deduct</i>	-42.96	
			<i>For 30 Degree Bend, Deduct</i>	-79.59	
26 05 36 00-0415			<b>24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0416	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	123.25	51.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.02	
			<i>For 60 Degree Bend, Deduct</i>	-20.89	
			<i>For 30 Degree Bend, Deduct</i>	-37.68	
26 05 36 00-0417	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	143.40	62.25
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.15	
			<i>For 60 Degree Bend, Deduct</i>	-23.45	
			<i>For 30 Degree Bend, Deduct</i>	-42.55	
26 05 36 00-0418	EA		12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	164.22	71.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.43	
			<i>For 60 Degree Bend, Deduct</i>	-26.64	
			<i>For 30 Degree Bend, Deduct</i>	-48.39	
26 05 36 00-0419	EA		18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	198.65	91.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.21	
			<i>For 60 Degree Bend, Deduct</i>	-30.36	
			<i>For 30 Degree Bend, Deduct</i>	-55.70	
26 05 36 00-0420	EA		24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	245.25	114.03
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.02	
			<i>For 60 Degree Bend, Deduct</i>	-37.23	
			<i>For 30 Degree Bend, Deduct</i>	-68.38	
26 05 36 00-0421	EA		30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	286.45	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.62	
			<i>For 60 Degree Bend, Deduct</i>	-43.83	
			<i>For 30 Degree Bend, Deduct</i>	-80.40	
26 05 36 00-0422	EA		36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	338.07	157.48
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.69	
			<i>For 60 Degree Bend, Deduct</i>	-51.21	
			<i>For 30 Degree Bend, Deduct</i>	-94.09	
26 05 36 00-0423			<b>36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0424	EA		6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	142.22	53.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.78	
			<i>For 60 Degree Bend, Deduct</i>	-26.51	
			<i>For 30 Degree Bend, Deduct</i>	-47.15	
26 05 36 00-0425	EA		9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	164.30	64.72
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.04	
			<i>For 60 Degree Bend, Deduct</i>	-29.41	
			<i>For 30 Degree Bend, Deduct</i>	-52.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0426 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	182.84	75.12
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.02	
<i>For 60 Degree Bend, Deduct</i>	-31.54	
<i>For 30 Degree Bend, Deduct</i>	-56.74	
26 05 36 00-0427 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	224.54	97.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.35	
<i>For 60 Degree Bend, Deduct</i>	-36.82	
<i>For 30 Degree Bend, Deduct</i>	-66.76	
26 05 36 00-0428 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	270.01	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.80	
<i>For 60 Degree Bend, Deduct</i>	-42.19	
<i>For 30 Degree Bend, Deduct</i>	-77.12	
26 05 36 00-0429 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	324.68	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.50	
<i>For 60 Degree Bend, Deduct</i>	-52.08	
<i>For 30 Degree Bend, Deduct</i>	-94.78	
26 05 36 00-0430 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	384.67	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.98	
<i>For 60 Degree Bend, Deduct</i>	-60.28	
<i>For 30 Degree Bend, Deduct</i>	-110.14	
<b>26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0432 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	167.00	68.86
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.96	
26 05 36 00-0433 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	184.55	78.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.90	
26 05 36 00-0434 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	200.14	86.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.77	
26 05 36 00-0435 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	235.30	106.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.65	
26 05 36 00-0436 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	264.01	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.20	
26 05 36 00-0437 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	294.37	137.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.96	
26 05 36 00-0438 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	329.26	157.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.83	
<b>26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0440 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	193.56	71.82
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.37	
26 05 36 00-0441 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	213.37	82.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.45	
26 05 36 00-0442 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	231.67	91.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.52	
26 05 36 00-0443 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	272.86	114.03
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.79	
26 05 36 00-0444 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	307.47	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.73	
26 05 36 00-0445 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	342.07	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.70	
26 05 36 00-0446 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	393.08	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.82	
<b>26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small></b>		
26 05 36 00-0448 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	224.78	75.05
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.22	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0449	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....248.17	248.17	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-17.57	-17.57	
26 05 36 00-0450	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....266.57	266.57	97.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-18.55	-18.55	
26 05 36 00-0451	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....316.84	316.84	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-21.49	-21.49	
26 05 36 00-0452	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....353.50	353.50	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-23.38	-23.38	
26 05 36 00-0453	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....405.12	405.12	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-26.74	-26.74	
26 05 36 00-0454	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....461.67	461.67	194.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-29.99	-29.99	
<b>26 05 36 00-0455</b>			<b>12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0456	EA		6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....300.86	300.86	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-19.07	-19.07	
26 05 36 00-0457	EA		9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....325.88	325.88	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-20.62	-20.62	
26 05 36 00-0458	EA		12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....341.47	341.47	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-21.64	-21.64	
26 05 36 00-0459	EA		18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....379.90	379.90	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-24.22	-24.22	
26 05 36 00-0460	EA		24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....428.24	428.24	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-27.54	-27.54	
26 05 36 00-0461	EA		30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....470.69	470.69	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.86	-30.86	
26 05 36 00-0462	EA		36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....532.76	532.76	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-34.92	-34.92	
<b>26 05 36 00-0463</b>			<b>24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0464	EA		6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....365.50	365.50	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-24.58	-24.58	
26 05 36 00-0465	EA		9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....394.51	394.51	157.48
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-26.33	-26.33	
26 05 36 00-0466	EA		12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....412.32	412.32	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-27.46	-27.46	
26 05 36 00-0467	EA		18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....453.46	453.46	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.06	-30.06	
26 05 36 00-0468	EA		24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....505.21	505.21	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-33.31	-33.31	
26 05 36 00-0469	EA		30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....542.37	542.37	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-35.88	-35.88	
26 05 36 00-0470	EA		36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....648.55	648.55	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-43.66	-43.66	
<b>26 05 36 00-0471</b>			<b>36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA		6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....450.94	450.94	157.48
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-31.97	-31.97	
26 05 36 00-0473	EA		9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....485.54	485.54	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-34.06	-34.06	
26 05 36 00-0474	EA		12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....514.70	514.70	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-36.18	-36.18	
26 05 36 00-0475	EA		18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....568.85	568.85	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-39.67	-39.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0476 EA 24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	646.40	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.99	
26 05 36 00-0477 EA 30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	700.18	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.82	
26 05 36 00-0478 EA 36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	797.03	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.68	
<b>26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480 EA 6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	340.86	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.89	
26 05 36 00-0481 EA 9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	350.09	127.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.41	
26 05 36 00-0482 EA 12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	359.70	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.95	
26 05 36 00-0483 EA 18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	381.11	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.14	
26 05 36 00-0484 EA 24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	394.31	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.92	
26 05 36 00-0485 EA 30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	429.13	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.14	
26 05 36 00-0486 EA 36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	465.47	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.26	
<b>26 05 36 00-0487 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0488 EA 6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	467.77	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.76	
26 05 36 00-0489 EA 9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	480.50	137.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.57	
26 05 36 00-0490 EA 12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	493.99	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.43	
26 05 36 00-0491 EA 18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	524.19	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.30	
26 05 36 00-0492 EA 24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	544.41	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.67	
26 05 36 00-0493 EA 30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	581.94	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.91	
26 05 36 00-0494 EA 36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	632.49	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.03	
<b>26 05 36 00-0495 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0496 EA 6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	701.73	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.20	
26 05 36 00-0497 EA 9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	718.52	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.34	
26 05 36 00-0498 EA 12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	736.73	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.55	
26 05 36 00-0499 EA 18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	770.13	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.52	
26 05 36 00-0500 EA 24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	792.08	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.92	
26 05 36 00-0501 EA 30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	848.63	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.65	
26 05 36 00-0502 EA 36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	903.37	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.69	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0503			<b>12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0504	EA		6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	375.10	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.74	
26 05 36 00-0505	EA		9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	394.28	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.94	
26 05 36 00-0506	EA		12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	419.84	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.70	
26 05 36 00-0507	EA		18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	449.07	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.70	
26 05 36 00-0508	EA		24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	506.34	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.28	
26 05 36 00-0509	EA		30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	559.94	235.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.34	
26 05 36 00-0510	EA		36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	610.12	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.81	
26 05 36 00-0511			<b>24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0512	EA		6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	499.09	183.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.62	
26 05 36 00-0513	EA		9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	523.52	194.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.14	
26 05 36 00-0514	EA		12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	549.64	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.75	
26 05 36 00-0515	EA		18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	585.59	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.21	
26 05 36 00-0516	EA		24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	656.95	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.50	
26 05 36 00-0517	EA		30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	707.62	275.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.81	
26 05 36 00-0518	EA		36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	788.62	300.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.84	
26 05 36 00-0519			<b>36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0520	EA		6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	614.48	206.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.23	
26 05 36 00-0521	EA		9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	649.24	220.21
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.57	
26 05 36 00-0522	EA		12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	687.22	235.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.07	
26 05 36 00-0523	EA		18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	748.21	254.44
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.62	
26 05 36 00-0524	EA		24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	860.67	300.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.05	
26 05 36 00-0525	EA		30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	940.25	329.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.53	
26 05 36 00-0526	EA		36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,032.90	367.57
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.66	
26 05 36 00-0527			<b>12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0528	EA		6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	419.95	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.22	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0529 EA 9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	441.39	173.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.64	
26 05 36 00-0530 EA 12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	471.12	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.83	
26 05 36 00-0531 EA 18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	505.39	194.59
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.32	
26 05 36 00-0532 EA 24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	569.02	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.55	
26 05 36 00-0533 EA 30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	635.23	235.91
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.86	
26 05 36 00-0534 EA 36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	693.36	254.08
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.16	
<b>26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0536 EA 6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	586.09	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.32	
26 05 36 00-0537 EA 9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	613.22	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.11	
26 05 36 00-0538 EA 12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	642.04	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.99	
26 05 36 00-0539 EA 18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	683.94	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.04	
26 05 36 00-0540 EA 24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	761.78	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.98	
26 05 36 00-0541 EA 30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	819.48	275.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.00	
26 05 36 00-0542 EA 36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	918.31	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.81	
<b>26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0544 EA 6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	736.06	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.39	
26 05 36 00-0545 EA 9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	776.22	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.27	
26 05 36 00-0546 EA 12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	819.61	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.31	
26 05 36 00-0547 EA 18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	894.11	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.21	
26 05 36 00-0548 EA 24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,022.78	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.26	
26 05 36 00-0549 EA 30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,115.86	329.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.09	
26 05 36 00-0550 EA 36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,222.02	367.57
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.57	
<b>26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0553 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	150.25	69.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.27	
26 05 36 00-0554 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	169.08	78.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.35	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0555	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	186.22	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-11.38	
26 05 36 00-0556	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	231.26	106.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-14.24	
26 05 36 00-0557	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	264.27	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.23	
26 05 36 00-0558	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	308.82	137.72
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-19.41	
26 05 36 00-0559	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	355.03	157.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-22.39	
<b>26 05 36 00-0560</b>			<b>24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0561	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	192.30	71.82
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-13.24	
26 05 36 00-0562	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	212.43	82.56
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-14.36	
26 05 36 00-0563	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	230.63	91.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.41	
26 05 36 00-0564	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	273.77	114.03
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-17.88	
26 05 36 00-0565	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	310.31	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-20.01	
26 05 36 00-0566	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	347.92	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-22.28	
26 05 36 00-0567	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	405.95	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-26.10	
<b>26 05 36 00-0568</b>			<b>36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0569	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	205.52	75.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-14.30	
26 05 36 00-0570	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	229.65	86.90
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.73	
26 05 36 00-0571	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	250.88	97.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-16.98	
26 05 36 00-0572	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	305.59	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-20.36	
26 05 36 00-0573	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	351.09	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-23.14	
26 05 36 00-0574	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	409.44	165.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-27.17	
26 05 36 00-0575	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	469.87	194.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-30.81	
<b>26 05 36 00-0576</b>			<b>12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0577	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	110.76	50.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-6.91	
			<i>For 30 Degree Bend, Deduct</i> .....	-31.73	
			<i>For 60 Degree Bend, Deduct</i> .....	-17.37	
26 05 36 00-0578	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	128.51	60.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-7.85	
			<i>For 30 Degree Bend, Deduct</i> .....	-35.67	
			<i>For 60 Degree Bend, Deduct</i> .....	-19.40	
26 05 36 00-0579	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	144.36	68.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-8.70	
			<i>For 30 Degree Bend, Deduct</i> .....	-39.23	
			<i>For 60 Degree Bend, Deduct</i> .....	-21.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0580 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	176.30	87.03
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.38	
<i>For 30 Degree Bend, Deduct</i>	-46.20	
<i>For 60 Degree Bend, Deduct</i>	-24.82	
26 05 36 00-0581 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	217.86	106.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.90	
<i>For 30 Degree Bend, Deduct</i>	-57.64	
<i>For 60 Degree Bend, Deduct</i>	-31.03	
26 05 36 00-0582 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	255.34	122.36
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.34	
<i>For 30 Degree Bend, Deduct</i>	-69.05	
<i>For 60 Degree Bend, Deduct</i>	-37.35	
26 05 36 00-0583 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	293.02	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.33	
<i>For 30 Degree Bend, Deduct</i>	-77.36	
<i>For 60 Degree Bend, Deduct</i>	-41.63	
<b>26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small></b>		
26 05 36 00-0585 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	120.65	51.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.76	
<i>For 30 Degree Bend, Deduct</i>	-36.25	
<i>For 60 Degree Bend, Deduct</i>	-20.03	
26 05 36 00-0586 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	140.62	62.25
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.87	
<i>For 30 Degree Bend, Deduct</i>	-41.02	
<i>For 60 Degree Bend, Deduct</i>	-22.54	
26 05 36 00-0587 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	161.11	71.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.12	
<i>For 30 Degree Bend, Deduct</i>	-46.68	
<i>For 60 Degree Bend, Deduct</i>	-25.61	
26 05 36 00-0588 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	195.46	91.79
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.90	
<i>For 30 Degree Bend, Deduct</i>	-53.95	
<i>For 60 Degree Bend, Deduct</i>	-29.31	
26 05 36 00-0589 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	241.38	114.03
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.64	
<i>For 30 Degree Bend, Deduct</i>	-66.26	
<i>For 60 Degree Bend, Deduct</i>	-35.95	
26 05 36 00-0590 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	281.83	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.16	
<i>For 30 Degree Bend, Deduct</i>	-77.86	
<i>For 60 Degree Bend, Deduct</i>	-42.31	
26 05 36 00-0591 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	332.77	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.16	
<i>For 30 Degree Bend, Deduct</i>	-91.18	
<i>For 60 Degree Bend, Deduct</i>	-49.46	
<b>26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small></b>		
26 05 36 00-0593 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	138.48	53.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.41	
<i>For 30 Degree Bend, Deduct</i>	-45.09	
<i>For 60 Degree Bend, Deduct</i>	-25.28	
26 05 36 00-0594 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	160.35	64.72
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.64	
<i>For 30 Degree Bend, Deduct</i>	-50.44	
<i>For 60 Degree Bend, Deduct</i>	-28.11	
26 05 36 00-0595 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	178.80	75.12
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.62	
<i>For 30 Degree Bend, Deduct</i>	-54.52	
<i>For 60 Degree Bend, Deduct</i>	-30.21	
26 05 36 00-0596 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	220.17	97.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.91	
<i>For 30 Degree Bend, Deduct</i>	-64.36	
<i>For 60 Degree Bend, Deduct</i>	-35.37	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0597	EA		24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	265.39	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.34	
			<i>For 30 Degree Bend, Deduct</i>	-74.58	
			<i>For 60 Degree Bend, Deduct</i>	-40.67	
26 05 36 00-0598	EA		30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	318.71	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.90	
			<i>For 30 Degree Bend, Deduct</i>	-91.49	
			<i>For 60 Degree Bend, Deduct</i>	-50.11	
26 05 36 00-0599	EA		36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	378.03	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.31	
			<i>For 30 Degree Bend, Deduct</i>	-106.48	
			<i>For 60 Degree Bend, Deduct</i>	-58.09	
<b>26 05 36 00-0600</b>			<b>12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0601	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	163.35	68.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.60	
26 05 36 00-0602	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	180.81	78.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.53	
26 05 36 00-0603	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	196.27	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.38	
26 05 36 00-0604	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	231.26	106.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.24	
26 05 36 00-0605	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	259.81	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.78	
26 05 36 00-0606	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	289.83	137.72
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.51	
26 05 36 00-0607	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	324.56	157.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.36	
<b>26 05 36 00-0608</b>			<b>24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0609	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	188.39	71.82
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.85	
26 05 36 00-0610	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	208.07	82.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.92	
26 05 36 00-0611	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	226.17	91.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.97	
26 05 36 00-0612	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	267.07	114.03
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.21	
26 05 36 00-0613	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	301.37	132.28
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.12	
26 05 36 00-0614	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	335.64	150.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.05	
26 05 36 00-0615	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	385.85	173.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.09	
<b>26 05 36 00-0616</b>			<b>36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0617	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	217.80	75.05
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.52	
26 05 36 00-0618	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	240.94	86.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.85	
26 05 36 00-0619	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	259.26	97.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.82	
26 05 36 00-0620	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	308.94	122.36
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.70	
26 05 36 00-0621	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	345.51	143.64
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.58	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0622 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	396.04	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.83	
26 05 36 00-0623 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	452.00	194.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.02	
<b>26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small></b>		
26 05 36 00-0625 EA 6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	292.82	132.28
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.26	
26 05 36 00-0626 EA 9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	317.23	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.75	
26 05 36 00-0627 EA 12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	332.34	150.11
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.72	
26 05 36 00-0628 EA 18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	369.45	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.17	
26 05 36 00-0629 EA 24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	415.99	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.31	
26 05 36 00-0630 EA 30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	456.04	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.39	
26 05 36 00-0631 EA 36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	516.19	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.27	
<b>26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small></b>		
26 05 36 00-0633 EA 6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	352.90	143.64
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.32	
26 05 36 00-0634 EA 9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	381.30	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.01	
26 05 36 00-0635 EA 12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	398.63	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.09	
26 05 36 00-0636 EA 18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	438.69	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.58	
26 05 36 00-0637 EA 24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	489.12	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.70	
26 05 36 00-0638 EA 30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	524.83	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.13	
26 05 36 00-0639 EA 36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	626.09	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.41	
<b>26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small></b>		
26 05 36 00-0641 EA 6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	432.09	157.48
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.09	
26 05 36 00-0642 EA 9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	465.97	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.11	
26 05 36 00-0643 EA 12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	493.80	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.09	
26 05 36 00-0644 EA 18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	546.39	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.42	
26 05 36 00-0645 EA 24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	621.06	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.45	
26 05 36 00-0646 EA 30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	672.56	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.06	
26 05 36 00-0647 EA 36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	767.37	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.72	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0648		<b>12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>			
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	327.17		122.36
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.52		
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	336.28		127.18
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.03		
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	345.77		132.28
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.56		
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	366.94		143.64
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.72		
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	379.90		150.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.48		
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	413.76		165.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.60		
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	449.50		183.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.66		
26 05 36 00-0656		<b>24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>			
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	443.04		132.28
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.28		
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	455.40		137.72
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.06		
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	468.53		143.64
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.88		
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	498.02		157.48
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.68		
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	517.51		165.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.98		
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	554.32		183.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.14		
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	603.67		206.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.15		
26 05 36 00-0664		<b>36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>			
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	655.50		143.64
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.58		
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	671.69		150.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.66		
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	689.30		157.48
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.81		
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	722.10		173.87
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.72		
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	743.45		183.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.06		
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	798.20		206.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.61		
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	852.33		235.85
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.58		
26 05 36 00-0672		<b>12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>			
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	365.13		165.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.74		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0674 EA 9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	383.83	173.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.89	
26 05 36 00-0675 EA 12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	408.43	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.56	
26 05 36 00-0676 EA 18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	436.58	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.45	
26 05 36 00-0677 EA 24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	492.41	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.89	
26 05 36 00-0678 EA 30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	543.25	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.67	
26 05 36 00-0679 EA 36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	591.51	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.95	
<b>26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0681 EA 6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	479.76	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.69	
26 05 36 00-0682 EA 9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	503.59	194.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.15	
26 05 36 00-0683 EA 12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	529.10	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.70	
26 05 36 00-0684 EA 18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	563.74	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.02	
26 05 36 00-0685 EA 24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	633.66	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.17	
26 05 36 00-0686 EA 30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	682.77	275.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.32	
26 05 36 00-0687 EA 36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	759.80	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.96	
<b>26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0689 EA 6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	587.46	206.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.53	
26 05 36 00-0690 EA 9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	621.02	220.21
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.75	
26 05 36 00-0691 EA 12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	657.81	235.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.13	
26 05 36 00-0692 EA 18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	715.79	254.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.38	
26 05 36 00-0693 EA 24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	824.64	300.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.44	
26 05 36 00-0694 EA 30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	901.22	329.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.62	
26 05 36 00-0695 EA 36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	990.87	367.57
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.46	
<b>26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0697 EA 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	405.49	165.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.78	
26 05 36 00-0698 EA 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	426.24	173.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.13	
26 05 36 00-0699 EA 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	454.58	183.44
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.17	
26 05 36 00-0700 EA 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	487.28	194.59
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.51	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	548.83	220.21
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.53	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	611.03	235.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.44	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	666.37	254.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.46	
<b>26 05 36 00-0704</b>		<b>24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	558.05	183.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.52	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	584.32	194.52
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.22	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	612.26	206.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.01	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	652.25	220.21
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.87	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	728.01	254.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.60	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	783.44	275.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.39	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	876.52	300.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.63	
<b>26 05 36 00-0712</b>		<b>36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	696.88	206.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.47	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	735.30	220.21
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.18	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	776.95	235.85
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.04	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	847.10	254.44
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.51	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	970.54	300.23
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.03	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,059.28	329.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.43	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,161.08	367.57
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.48	
<b>26 05 36 00-0720</b>		<b>Dropout Or End Plates And Reducers</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0721</b>		<b>Straight Reducers</b> <small>(26 05 36 00-0720)</small>		
26 05 36 00-0722	EA	9"-6" Reducer, Steel Cable Tray .....	139.96	50.82
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.76	
26 05 36 00-0723	EA	12"-9" Reducer, Steel Cable Tray .....	148.16	55.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.23	
26 05 36 00-0724	EA	18"-12" Reducer, Steel Cable Tray .....	162.32	63.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.94	
26 05 36 00-0725	EA	24"-18" Reducer, Steel Cable Tray .....	180.08	73.47
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.89	
26 05 36 00-0726	EA	30"-24" Reducer, Steel Cable Tray .....	196.56	82.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.77	
26 05 36 00-0727	EA	36"-30" Reducer, Steel Cable Tray .....	223.39	94.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.47	
<b>26 05 36 00-0728</b>		<b>Reducers</b> <small>(26 05 36 00-0720)</small>		
26 05 36 00-0729	EA	18"-6" Reducer, Steel Cable Tray .....	164.78	63.56
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.18	
26 05 36 00-0730	EA	24"-12" Reducer, Steel Cable Tray .....	182.65	73.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.13	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0731 EA 30"-12" Reducer, Steel Cable Tray.....	201.25	82.56
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.24	
26 05 36 00-0732 EA 30"-18" Reducer, Steel Cable Tray.....	203.54	82.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.48	
26 05 36 00-0733 EA 36"-12" Reducer, Steel Cable Tray.....	224.59	94.40
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.59	
26 05 36 00-0734 EA 36"-18" Reducer, Steel Cable Tray.....	231.14	96.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.04	
26 05 36 00-0735 EA 36"-24" Reducer, Steel Cable Tray.....	238.70	99.98
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.54	
<b>26 05 36 00-0736 Dropout Or End Plate</b> <small>(26 05 36 00-0720)</small>		
26 05 36 00-0737 EA 6" Dropout Or End Plate, Steel Cable Tray.....	40.61	20.66
26 05 36 00-0738 EA 9" Dropout Or End Plate, Steel Cable Tray.....	46.58	23.61
26 05 36 00-0739 EA 12" Dropout Or End Plate, Steel Cable Tray.....	50.27	25.41
26 05 36 00-0740 EA 18" Dropout Or End Plate, Steel Cable Tray.....	59.36	30.02
26 05 36 00-0741 EA 24" Dropout Or End Plate, Steel Cable Tray.....	66.38	33.05
26 05 36 00-0742 EA 30" Dropout Or End Plate, Steel Cable Tray.....	73.58	36.70
26 05 36 00-0743 EA 36" Dropout Or End Plate, Steel Cable Tray.....	83.03	41.31
<b>26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray</b> <small>(26 05 36 00-0001)</small>		
Note: 4-5/8" Height		
<b>26 05 36 00-0745 Straight Tray Sections</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-0746 4" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0747 LF 6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	22.46	4.82
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.12	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.56	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.84	
26 05 36 00-0748 LF 9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	23.70	5.09
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.19	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.71	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.95	
26 05 36 00-0749 LF 12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	24.94	5.30
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.25	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.86	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.05	
26 05 36 00-0750 LF 18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	27.61	5.79
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.38	
<i>For Class 12C Instead Of Class 12B, Add</i>	3.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.28	
26 05 36 00-0751 LF 24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	31.21	6.20
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.56	
<i>For Class 12C Instead Of Class 12B, Add</i>	3.65	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.61	
26 05 36 00-0752 LF 30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	34.01	6.61
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.70	
<i>For Class 12C Instead Of Class 12B, Add</i>	4.00	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.85	
26 05 36 00-0753 LF 36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	36.59	7.02
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.83	
<i>For Class 12C Instead Of Class 12B, Add</i>	4.32	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.07	
<b>26 05 36 00-0754 6" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0755 LF 6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	21.15	4.82
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.06	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.71	
26 05 36 00-0756 LF 9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	22.31	5.09
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.12	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.81	
26 05 36 00-0757 LF 12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	23.48	5.30
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.17	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.64	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.91	
26 05 36 00-0758 LF 18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	25.98	5.79
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.30	
<i>For Class 12C Instead Of Class 12B, Add</i>	2.93	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.11	
26 05 36 00-0759 LF 24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	29.30	6.20
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.47	
<i>For Class 12C Instead Of Class 12B, Add</i>	3.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.42	
26 05 36 00-0760 LF 30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	31.92	6.61
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.60	
<i>For Class 12C Instead Of Class 12B, Add</i>	3.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.64	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0761	LF		36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section .....	34.33	7.02
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.72	
			<i>For Class 12C Instead Of Class 12B, Add</i>	3.98	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.85	
<b>26 05 36 00-0762</b>			<b>9" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0763	LF		6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	19.21	4.61
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.96	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.54	
26 05 36 00-0764	LF		9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	19.62	4.82
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.98	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.56	
26 05 36 00-0765	LF		12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	20.90	5.09
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.05	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.67	
26 05 36 00-0766	LF		18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	22.34	5.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.12	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.78	
26 05 36 00-0767	LF		24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	24.71	5.65
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.24	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.00	
26 05 36 00-0768	LF		30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	27.21	6.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.36	
			<i>For Class 12C Instead Of Class 12B, Add</i>	3.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.21	
26 05 36 00-0769	LF		36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	29.04	6.61
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.45	
			<i>For Class 12C Instead Of Class 12B, Add</i>	3.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.35	
<b>26 05 36 00-0770</b>			<b>12" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0771	LF		6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	18.75	4.47
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.94	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.50	
26 05 36 00-0772	LF		9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	19.08	4.61
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.95	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.09	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.52	
26 05 36 00-0773	LF		12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	19.93	4.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.00	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.17	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.58	
26 05 36 00-0774	LF		18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	21.10	5.16
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.06	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.68	
26 05 36 00-0775	LF		24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	22.62	5.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.13	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.82	
26 05 36 00-0776	LF		30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	24.42	5.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.22	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.70	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.96	
26 05 36 00-0777	LF		36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	26.00	6.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.30	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.08	
<b>26 05 36 00-0778</b>			<b>18" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0779	LF		6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	18.49	4.34
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.92	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.49	
26 05 36 00-0780	LF		9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	18.63	4.54
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.93	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.49	
26 05 36 00-0781	LF		12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	19.58	4.68
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	0.98	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.57	
26 05 36 00-0782	LF		18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	20.62	4.95
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1.03	
			<i>For Class 12C Instead Of Class 12B, Add</i>	2.27	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0783 LF 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	21.71	5.02
For 6" Overall Height Instead Of 4-5/8", Add	1.09	
For Class 12C Instead Of Class 12B, Add	2.42	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.75	
26 05 36 00-0784 LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	22.91	5.50
For 6" Overall Height Instead Of 4-5/8", Add	1.15	
For Class 12C Instead Of Class 12B, Add	2.52	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.84	
26 05 36 00-0785 LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	24.44	5.99
For 6" Overall Height Instead Of 4-5/8", Add	1.22	
For Class 12C Instead Of Class 12B, Add	2.67	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.94	
<b>26 05 36 00-0786 4" Rung Tray Fittings</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0788 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	175.09	69.07
For 6" Overall Height Instead Of 4-5/8", Add	8.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.76	
26 05 36 00-0789 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	192.65	78.63
For 6" Overall Height Instead Of 4-5/8", Add	9.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.71	
26 05 36 00-0790 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	217.83	86.96
For 6" Overall Height Instead Of 4-5/8", Add	10.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.54	
26 05 36 00-0791 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	259.71	106.60
For 6" Overall Height Instead Of 4-5/8", Add	12.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.09	
26 05 36 00-0792 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	305.77	122.36
For 6" Overall Height Instead Of 4-5/8", Add	15.29	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.38	
26 05 36 00-0793 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	337.41	137.72
For 6" Overall Height Instead Of 4-5/8", Add	16.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.26	
26 05 36 00-0794 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	393.01	157.41
For 6" Overall Height Instead Of 4-5/8", Add	19.65	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.18	
<b>26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0796 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	226.07	71.82
For 6" Overall Height Instead Of 4-5/8", Add	11.30	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.62	
26 05 36 00-0797 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	248.53	82.56
For 6" Overall Height Instead Of 4-5/8", Add	12.43	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.97	
26 05 36 00-0798 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	269.25	91.79
For 6" Overall Height Instead Of 4-5/8", Add	13.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.27	
26 05 36 00-0799 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	316.12	114.03
For 6" Overall Height Instead Of 4-5/8", Add	15.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.11	
26 05 36 00-0800 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	358.67	132.28
For 6" Overall Height Instead Of 4-5/8", Add	17.93	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.85	
26 05 36 00-0801 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	401.39	150.11
For 6" Overall Height Instead Of 4-5/8", Add	20.07	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.63	
26 05 36 00-0802 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	459.98	173.87
For 6" Overall Height Instead Of 4-5/8", Add	23.00	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.51	
<b>26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0804 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	242.10	75.05
For 6" Overall Height Instead Of 4-5/8", Add	12.11	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.95	
26 05 36 00-0805 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	264.81	86.90
For 6" Overall Height Instead Of 4-5/8", Add	13.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.24	
26 05 36 00-0806 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	295.81	97.23
For 6" Overall Height Instead Of 4-5/8", Add	14.79	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.48	
26 05 36 00-0807 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	354.39	122.36
For 6" Overall Height Instead Of 4-5/8", Add	17.72	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.24	
26 05 36 00-0808 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	409.59	143.64
For 6" Overall Height Instead Of 4-5/8", Add	20.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.99	
26 05 36 00-0809 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	462.32	165.27
For 6" Overall Height Instead Of 4-5/8", Add	23.12	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.46	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0810	EA		36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	537.81	194.18
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.60	
<b>26 05 36 00-0811</b>			<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0812	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	122.90	50.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.15	
			<i>For 30 Degree Bend, Deduct</i>	-38.41	
			<i>For 60 Degree Bend, Deduct</i>	-21.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.12	
26 05 36 00-0813	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	141.05	60.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.05	
			<i>For 30 Degree Bend, Deduct</i>	-42.57	
			<i>For 60 Degree Bend, Deduct</i>	-23.54	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.10	
26 05 36 00-0814	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	157.31	68.86
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.87	
			<i>For 30 Degree Bend, Deduct</i>	-46.35	
			<i>For 60 Degree Bend, Deduct</i>	-25.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.99	
26 05 36 00-0815	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	195.17	87.03
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.76	
			<i>For 30 Degree Bend, Deduct</i>	-56.58	
			<i>For 60 Degree Bend, Deduct</i>	-31.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.27	
26 05 36 00-0816	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	239.96	106.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.00	
			<i>For 30 Degree Bend, Deduct</i>	-69.80	
			<i>For 60 Degree Bend, Deduct</i>	-38.33	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.11	
26 05 36 00-0817	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	275.38	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.77	
			<i>For 30 Degree Bend, Deduct</i>	-80.07	
			<i>For 60 Degree Bend, Deduct</i>	-43.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.34	
26 05 36 00-0818	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	313.87	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.69	
			<i>For 30 Degree Bend, Deduct</i>	-88.83	
			<i>For 60 Degree Bend, Deduct</i>	-48.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.42	
<b>26 05 36 00-0819</b>			<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0820	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	139.21	51.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.96	
			<i>For 30 Degree Bend, Deduct</i>	-46.46	
			<i>For 60 Degree Bend, Deduct</i>	-26.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.62	
26 05 36 00-0821	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	163.03	62.25
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.15	
			<i>For 30 Degree Bend, Deduct</i>	-53.35	
			<i>For 60 Degree Bend, Deduct</i>	-29.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.11	
26 05 36 00-0822	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	180.57	71.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.03	
			<i>For 30 Degree Bend, Deduct</i>	-57.39	
			<i>For 60 Degree Bend, Deduct</i>	-32.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.07	
26 05 36 00-0823	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	218.35	91.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.92	
			<i>For 30 Degree Bend, Deduct</i>	-66.54	
			<i>For 60 Degree Bend, Deduct</i>	-36.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.18	
26 05 36 00-0824	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	265.98	114.03
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.30	
			<i>For 30 Degree Bend, Deduct</i>	-79.79	
			<i>For 60 Degree Bend, Deduct</i>	-44.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.10	
26 05 36 00-0825	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	311.57	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.58	
			<i>For 30 Degree Bend, Deduct</i>	-94.22	
			<i>For 60 Degree Bend, Deduct</i>	-52.12	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.14	
26 05 36 00-0826	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	358.14	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.91	
			<i>For 30 Degree Bend, Deduct</i>	-105.13	
			<i>For 60 Degree Bend, Deduct</i>	-57.83	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.69	
<b>26 05 36 00-0827</b>			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0828 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	160.19	53.29
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.01	
<i>For 30 Degree Bend, Deduct</i>	-57.03	
<i>For 60 Degree Bend, Deduct</i>	-32.44	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.58	
26 05 36 00-0829 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	180.79	64.72
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.04	
<i>For 30 Degree Bend, Deduct</i>	-61.68	
<i>For 60 Degree Bend, Deduct</i>	-34.85	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.69	
26 05 36 00-0830 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	199.65	75.12
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.98	
<i>For 30 Degree Bend, Deduct</i>	-65.99	
<i>For 60 Degree Bend, Deduct</i>	-37.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.71	
26 05 36 00-0831 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	244.15	97.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.21	
<i>For 30 Degree Bend, Deduct</i>	-77.55	
<i>For 60 Degree Bend, Deduct</i>	-43.29	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.31	
26 05 36 00-0832 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	304.25	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.21	
<i>For 30 Degree Bend, Deduct</i>	-95.95	
<i>For 60 Degree Bend, Deduct</i>	-53.49	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.23	
26 05 36 00-0833 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	345.78	143.64
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.29	
<i>For 30 Degree Bend, Deduct</i>	-106.38	
<i>For 60 Degree Bend, Deduct</i>	-59.04	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.61	
26 05 36 00-0834 EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	406.80	173.87
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.34	
<i>For 30 Degree Bend, Deduct</i>	-122.31	
<i>For 60 Degree Bend, Deduct</i>	-67.59	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.19	
<b>26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0836 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	189.38	68.86
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.47	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.20	
26 05 36 00-0837 EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	209.79	78.63
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.49	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.42	
26 05 36 00-0838 EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	224.94	86.96
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.25	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.25	
26 05 36 00-0839 EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	260.41	106.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.02	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.16	
26 05 36 00-0840 EA 24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	290.79	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.54	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.88	
26 05 36 00-0841 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	320.42	137.72
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.02	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.57	
26 05 36 00-0842 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	355.63	157.20
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.46	
<b>26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0844 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	200.43	71.82
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.02	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.06	
26 05 36 00-0845 EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	221.83	82.63
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.30	
26 05 36 00-0846 EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	239.16	91.79
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.96	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.27	
26 05 36 00-0847 EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	280.90	114.03
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.05	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.59	
26 05 36 00-0848 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	316.73	132.28
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.84	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.65	
26 05 36 00-0849 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	351.95	150.11
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.60	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.68	
26 05 36 00-0850 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	398.34	173.87
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.92	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.34	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0851			<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0852	EA		6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	249.92	75.05
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.50	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.74	
26 05 36 00-0853	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	272.42	86.96
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.62	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.00	
26 05 36 00-0854	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	297.76	97.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.67	
26 05 36 00-0855	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	345.06	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.31	
26 05 36 00-0856	EA		24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	385.93	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.62	
26 05 36 00-0857	EA		30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	432.80	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.64	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.51	
26 05 36 00-0858	EA		36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	487.73	194.18
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.59	
26 05 36 00-0859			<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0860	EA		6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	306.47	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.32	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.63	
26 05 36 00-0861	EA		9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	331.13	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.56	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.14	
26 05 36 00-0862	EA		12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	343.33	150.11
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.17	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.82	
26 05 36 00-0863	EA		18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	386.89	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.34	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.92	
26 05 36 00-0864	EA		24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	428.51	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.56	
26 05 36 00-0865	EA		30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	466.69	194.52
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.33	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.46	
26 05 36 00-0866	EA		36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	537.76	220.21
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.42	
26 05 36 00-0867			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0868	EA		6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	386.15	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.31	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.64	
26 05 36 00-0869	EA		9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	417.62	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.88	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.64	
26 05 36 00-0870	EA		12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	434.86	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.71	
26 05 36 00-0871	EA		18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	479.30	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.97	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.64	
26 05 36 00-0872	EA		24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	533.36	206.58
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.12	
26 05 36 00-0873	EA		30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	574.45	220.21
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.72	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.09	
26 05 36 00-0874	EA		36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	741.44	254.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.94	
26 05 36 00-0875			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0876	EA		6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	469.82	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.86	
26 05 36 00-0877	EA		9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	502.85	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.79	
26 05 36 00-0878	EA		12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	538.55	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0879 EA 18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	589.79 29.49 -41.76	206.58
26 05 36 00-0880 EA 24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	663.92 33.20 -46.74	235.85
26 05 36 00-0881 EA 30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	766.84 38.34 -55.48	254.44
26 05 36 00-0882 EA 36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	881.36 44.07 -63.11	300.23
<b>26 05 36 00-0883 12" Radius Vertical Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0884 EA 6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	397.26 19.86 -29.53	122.36
26 05 36 00-0885 EA 9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	410.93 20.55 -30.49	127.18
26 05 36 00-0886 EA 12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	420.75 21.04 -31.05	132.28
26 05 36 00-0887 EA 18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	444.00 22.20 -32.43	143.64
26 05 36 00-0888 EA 24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	471.72 23.59 -34.66	150.11
26 05 36 00-0889 EA 30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	501.17 25.06 -36.35	165.27
26 05 36 00-0890 EA 36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	538.55 26.93 -38.57	183.44
<b>26 05 36 00-0891 24" Radius Vertical Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0892 EA 6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	547.73 27.39 -43.75	132.28
26 05 36 00-0893 EA 9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	561.08 28.05 -44.63	137.72
26 05 36 00-0894 EA 12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	575.21 28.76 -45.55	143.64
26 05 36 00-0895 EA 18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	608.08 30.40 -47.69	157.48
26 05 36 00-0896 EA 24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	629.56 31.48 -49.18	165.27
26 05 36 00-0897 EA 30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	668.35 33.42 -51.55	183.44
26 05 36 00-0898 EA 36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	739.34 36.97 -56.72	206.58
<b>26 05 36 00-0899 36" Radius Vertical Tee</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0900 EA 6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	862.10 43.11 -74.24	143.64
26 05 36 00-0901 EA 9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	880.98 44.05 -75.59	150.11
26 05 36 00-0902 EA 12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	901.27 45.06 -77.01	157.48
26 05 36 00-0903 EA 18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	936.76 46.84 -79.19	173.87
26 05 36 00-0904 EA 24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	960.80 48.04 -80.79	183.44
26 05 36 00-0905 EA 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,023.59 51.18 -85.14	206.58
26 05 36 00-0906 EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,080.40 54.02 -88.39	235.85

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0907		<b>12" Radius Horizontal Crosses</b> (26 05 36 00-0786)		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	395.35	165.27
		For 6" Overall Height Instead Of 4-5/8", Add	19.77	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.76	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	422.43	173.87
		For 6" Overall Height Instead Of 4-5/8", Add	21.12	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.75	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	439.79	183.44
		For 6" Overall Height Instead Of 4-5/8", Add	21.99	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.69	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	486.44	194.52
		For 6" Overall Height Instead Of 4-5/8", Add	24.32	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.43	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	534.94	220.21
		For 6" Overall Height Instead Of 4-5/8", Add	26.75	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.14	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	590.55	235.85
		For 6" Overall Height Instead Of 4-5/8", Add	29.53	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.40	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	670.90	254.44
		For 6" Overall Height Instead Of 4-5/8", Add	33.55	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.89	
26 05 36 00-0915		<b>24" Radius Horizontal Crosses</b> (26 05 36 00-0786)		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	535.73	183.44
		For 6" Overall Height Instead Of 4-5/8", Add	26.79	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.29	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	561.22	194.52
		For 6" Overall Height Instead Of 4-5/8", Add	28.06	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.91	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	588.38	206.58
		For 6" Overall Height Instead Of 4-5/8", Add	29.42	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.62	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	623.83	220.21
		For 6" Overall Height Instead Of 4-5/8", Add	31.19	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.03	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	703.35	254.44
		For 6" Overall Height Instead Of 4-5/8", Add	35.17	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.14	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	743.66	275.43
		For 6" Overall Height Instead Of 4-5/8", Add	37.18	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.41	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	821.28	300.23
		For 6" Overall Height Instead Of 4-5/8", Add	41.06	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.11	
26 05 36 00-0923		<b>36" Radius Horizontal Crosses</b> (26 05 36 00-0786)		
26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	615.19	206.58
		For 6" Overall Height Instead Of 4-5/8", Add	30.76	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.30	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	635.54	220.21
		For 6" Overall Height Instead Of 4-5/8", Add	31.78	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.20	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	677.63	235.85
		For 6" Overall Height Instead Of 4-5/8", Add	33.88	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.11	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	742.86	254.44
		For 6" Overall Height Instead Of 4-5/8", Add	37.14	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.09	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	895.47	300.23
		For 6" Overall Height Instead Of 4-5/8", Add	44.77	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.53	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	987.36	329.97
		For 6" Overall Height Instead Of 4-5/8", Add	49.37	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.24	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,099.37	367.57
		For 6" Overall Height Instead Of 4-5/8", Add	54.97	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.31	
26 05 36 00-0931		<b>12" Radius Vertical Cross</b> (26 05 36 00-0786)		
26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	395.35	165.27
		For 6" Overall Height Instead Of 4-5/8", Add	19.77	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.76	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	422.53	173.94
		For 6" Overall Height Instead Of 4-5/8", Add	21.13	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.76	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	439.74	183.44
		For 6" Overall Height Instead Of 4-5/8", Add	21.99	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.69	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0935 EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	486.56	194.59
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.44	
26 05 36 00-0936 EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	534.94	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.75	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.14	
26 05 36 00-0937 EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	590.73	235.91
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.54	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.41	
26 05 36 00-0938 EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	670.38	254.08
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.52	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.86	
<b>26 05 36 00-0939 24" Radius Vertical Crosses</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0940 EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	535.73	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.79	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.29	
26 05 36 00-0941 EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	561.22	194.52
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.06	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.91	
26 05 36 00-0942 EA 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	588.38	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.42	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.62	
26 05 36 00-0943 EA 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	623.83	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.19	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.03	
26 05 36 00-0944 EA 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	703.35	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.14	
26 05 36 00-0945 EA 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	758.16	275.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.91	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.86	
26 05 36 00-0946 EA 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	837.63	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.88	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.74	
<b>26 05 36 00-0947 36" Radius Vertical Crosses</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0948 EA 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	737.08	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.85	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.49	
26 05 36 00-0949 EA 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	776.20	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.27	
26 05 36 00-0950 EA 12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	826.73	235.85
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.34	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.02	
26 05 36 00-0951 EA 18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	886.34	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.32	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.43	
26 05 36 00-0952 EA 24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,073.24	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.66	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.30	
26 05 36 00-0953 EA 30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,184.17	329.97
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.21	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.92	
26 05 36 00-0954 EA 36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,318.40	367.57
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.92	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.21	
<b>26 05 36 00-0955 6" Rung Tray Fittings</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0957 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	166.51	69.07
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.90	
26 05 36 00-0958 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	183.85	78.63
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.19	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.83	
26 05 36 00-0959 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	207.41	86.96
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.50	
26 05 36 00-0960 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	247.99	106.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.92	
26 05 36 00-0961 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	291.23	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.56	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.92	
26 05 36 00-0962 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	322.00	137.72
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.72	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0963	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	374.34	157.41
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.72	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.32	
<b>26 05 36 00-0964</b>			<b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0965	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	210.87	71.82
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.54	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.10	
26 05 36 00-0966	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	232.68	82.56
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.39	
26 05 36 00-0967	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	252.65	91.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.61	
26 05 36 00-0968	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	298.10	114.03
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.91	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.31	
26 05 36 00-0969	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	338.92	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.95	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.87	
26 05 36 00-0970	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	379.79	150.11
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.99	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.47	
26 05 36 00-0971	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	435.67	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.78	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.08	
<b>26 05 36 00-0972</b>			<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0973	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	225.39	75.05
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.27	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.28	
26 05 36 00-0974	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	247.66	86.90
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.53	
26 05 36 00-0975	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	276.71	97.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.57	
26 05 36 00-0976	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	332.90	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.09	
26 05 36 00-0977	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	385.28	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.26	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.56	
26 05 36 00-0978	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	435.62	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.78	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.79	
26 05 36 00-0979	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	507.21	194.18
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.36	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.54	
<b>26 05 36 00-0980</b>			<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0981	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	117.26	50.06
			<i>For 60 Degree Bend, Deduct</i>	-19.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.86	
			<i>For 30 Degree Bend, Deduct</i>	-35.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.56	
26 05 36 00-0982	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	135.19	60.04
			<i>For 60 Degree Bend, Deduct</i>	-21.61	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.76	
			<i>For 30 Degree Bend, Deduct</i>	-39.34	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.52	
26 05 36 00-0983	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	151.24	68.86
			<i>For 60 Degree Bend, Deduct</i>	-23.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.56	
			<i>For 30 Degree Bend, Deduct</i>	-43.01	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.39	
26 05 36 00-0984	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	188.01	87.03
			<i>For 60 Degree Bend, Deduct</i>	-28.69	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.40	
			<i>For 30 Degree Bend, Deduct</i>	-52.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.55	
26 05 36 00-0985	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	231.06	106.60
			<i>For 60 Degree Bend, Deduct</i>	-35.39	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.55	
			<i>For 30 Degree Bend, Deduct</i>	-64.90	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.22	
26 05 36 00-0986	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	265.18	122.36
			<i>For 60 Degree Bend, Deduct</i>	-40.60	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.26	
			<i>For 30 Degree Bend, Deduct</i>	-74.46	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0987 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	303.23	143.64
<i>For 60 Degree Bend, Deduct</i>	-45.00	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.16	
<i>For 30 Degree Bend, Deduct</i>	-82.98	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.35	
<b>26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0989 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	131.61	51.64
<i>For 60 Degree Bend, Deduct</i>	-23.64	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.58	
<i>For 30 Degree Bend, Deduct</i>	-42.28	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.86	
26 05 36 00-0990 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	154.56	62.25
<i>For 60 Degree Bend, Deduct</i>	-27.14	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.73	
<i>For 30 Degree Bend, Deduct</i>	-48.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.27	
26 05 36 00-0991 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	171.88	71.88
<i>For 60 Degree Bend, Deduct</i>	-29.17	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.59	
<i>For 30 Degree Bend, Deduct</i>	-52.61	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.20	
26 05 36 00-0992 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	209.02	91.79
<i>For 60 Degree Bend, Deduct</i>	-33.78	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.45	
<i>For 30 Degree Bend, Deduct</i>	-61.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.25	
26 05 36 00-0993 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	255.13	114.03
<i>For 60 Degree Bend, Deduct</i>	-40.49	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.76	
<i>For 30 Degree Bend, Deduct</i>	-73.82	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.01	
26 05 36 00-0994 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	298.55	132.28
<i>For 60 Degree Bend, Deduct</i>	-47.83	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.93	
<i>For 30 Degree Bend, Deduct</i>	-87.06	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.83	
26 05 36 00-0995 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	344.47	157.48
<i>For 60 Degree Bend, Deduct</i>	-53.32	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.22	
<i>For 30 Degree Bend, Deduct</i>	-97.61	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.33	
<b>26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0997 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	149.99	53.29
<i>For 60 Degree Bend, Deduct</i>	-29.08	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.50	
<i>For 30 Degree Bend, Deduct</i>	-51.42	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.56	
26 05 36 00-0998 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	170.37	64.72
<i>For 60 Degree Bend, Deduct</i>	-31.41	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.52	
<i>For 30 Degree Bend, Deduct</i>	-55.95	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.64	
26 05 36 00-0999 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	189.01	75.12
<i>For 60 Degree Bend, Deduct</i>	-33.58	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.45	
<i>For 30 Degree Bend, Deduct</i>	-60.14	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.64	
26 05 36 00-1000 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	232.43	97.23
<i>For 60 Degree Bend, Deduct</i>	-39.42	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.62	
<i>For 30 Degree Bend, Deduct</i>	-71.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.14	
26 05 36 00-1001 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	289.92	122.36
<i>For 60 Degree Bend, Deduct</i>	-48.76	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.50	
<i>For 30 Degree Bend, Deduct</i>	-88.07	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.79	
26 05 36 00-1002 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	330.58	143.64
<i>For 60 Degree Bend, Deduct</i>	-54.02	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.53	
<i>For 30 Degree Bend, Deduct</i>	-98.02	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.09	
26 05 36 00-1003 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	390.09	173.87
<i>For 60 Degree Bend, Deduct</i>	-62.07	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.50	
<i>For 30 Degree Bend, Deduct</i>	-113.12	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.52	
<b>26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1005	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	183.41 9.17 -12.60	68.86
26 05 36 00-1006	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	203.50 10.18 -13.79	78.63
26 05 36 00-1007	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	218.54 10.93 -14.61	86.96
26 05 36 00-1008	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	253.79 12.69 -16.50	106.60
26 05 36 00-1009	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	283.85 14.19 -18.19	122.36
26 05 36 00-1010	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	313.15 15.66 -19.84	137.72
26 05 36 00-1011	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	348.14 17.41 -21.71	157.20
<b>26 05 36 00-1012</b>			<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1013	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	193.97 9.70 -13.41	71.82
26 05 36 00-1014	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	215.10 10.76 -14.62	82.63
26 05 36 00-1015	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	232.27 11.61 -15.58	91.79
26 05 36 00-1016	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	273.63 13.68 -17.86	114.03
26 05 36 00-1017	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	309.02 15.45 -19.88	132.28
26 05 36 00-1018	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	343.82 17.19 -21.87	150.11
26 05 36 00-1019	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	389.66 19.48 -24.48	173.87
<b>26 05 36 00-1020</b>			<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1021	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	239.93 12.00 -17.74	75.05
26 05 36 00-1022	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	262.22 13.11 -18.98	86.96
26 05 36 00-1023	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	286.91 14.35 -20.59	97.23
26 05 36 00-1024	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	333.77 16.69 -23.18	122.36
26 05 36 00-1025	EA		24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	374.21 18.71 -25.45	143.64
26 05 36 00-1026	EA		30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	420.21 21.01 -28.25	165.27
26 05 36 00-1027	EA		36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	474.60 23.73 -31.28	194.18
<b>26 05 36 00-1028</b>			<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1029	EA		6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	299.85 14.99 -18.96	132.28
26 05 36 00-1030	EA		9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	324.07 16.20 -20.44	143.64
26 05 36 00-1031	EA		12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	336.16 16.81 -21.11	150.11
26 05 36 00-1032	EA		18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	378.31 18.92 -24.06	165.27



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1033 EA 24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	419.06	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.95	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.62	
26 05 36 00-1034 EA 30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	455.73	194.52
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.79	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.36	
26 05 36 00-1035 EA 36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	524.63	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.23	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.11	
<b>26 05 36 00-1036 24" Radius Horizontal Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1037 EA 6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	374.86	143.64
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.52	
26 05 36 00-1038 EA 9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	405.68	157.48
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.28	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.45	
26 05 36 00-1039 EA 12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	422.59	165.27
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.13	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.49	
26 05 36 00-1040 EA 18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	465.95	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.30	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.31	
26 05 36 00-1041 EA 24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	518.81	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.94	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.67	
26 05 36 00-1042 EA 30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	558.49	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.92	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.50	
26 05 36 00-1043 EA 36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	717.03	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.85	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.50	
<b>26 05 36 00-1044 36" Radius Horizontal Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1045 EA 6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	453.86	157.48
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.27	
26 05 36 00-1046 EA 9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	486.46	173.87
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.32	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.16	
26 05 36 00-1047 EA 12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	520.65	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.78	
26 05 36 00-1048 EA 18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	570.91	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.55	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.88	
26 05 36 00-1049 EA 24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	643.08	235.85
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.15	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.66	
26 05 36 00-1050 EA 30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	740.47	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.02	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.85	
26 05 36 00-1051 EA 36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	852.06	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.60	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.18	
<b>26 05 36 00-1052 12" Radius Vertical Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1053 EA 6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	382.39	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.12	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.04	
26 05 36 00-1054 EA 9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	395.63	127.18
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.96	
26 05 36 00-1055 EA 12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	405.34	132.28
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.27	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.51	
26 05 36 00-1056 EA 18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	428.26	143.64
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.41	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.86	
26 05 36 00-1057 EA 24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	454.68	150.11
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.73	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.96	
26 05 36 00-1058 EA 30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	483.80	165.27
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.19	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.61	
26 05 36 00-1059 EA 36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	520.65	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.78	
<b>26 05 36 00-1060 24" Radius Vertical Tees</b> <small>(26 05 36 00-0955)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1061	EA		6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	522.55 26.13 -41.23	132.28
26 05 36 00-1062	EA		9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	535.58 26.78 -42.08	137.72
26 05 36 00-1063	EA		12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	549.38 27.47 -42.97	143.64
26 05 36 00-1064	EA		18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	581.49 29.07 -45.03	157.48
26 05 36 00-1065	EA		24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	602.32 30.12 -46.46	165.27
26 05 36 00-1066	EA		30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	640.46 32.02 -48.76	183.44
26 05 36 00-1067	EA		36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	708.95 35.45 -53.68	206.58
<b>26 05 36 00-1068</b>			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1069	EA		6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	814.21 40.71 -69.45	143.64
26 05 36 00-1070	EA		9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	832.46 41.62 -70.74	150.11
26 05 36 00-1071	EA		12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	852.13 42.61 -72.09	157.48
26 05 36 00-1072	EA		18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	887.00 44.35 -74.21	173.87
26 05 36 00-1073	EA		24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	910.41 45.52 -75.75	183.44
26 05 36 00-1074	EA		30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	971.34 48.57 -79.92	206.58
26 05 36 00-1075	EA		36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,027.53 51.38 -83.10	235.85
<b>26 05 36 00-1076</b>			<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1077	EA		6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	386.13 19.31 -24.84	165.27
26 05 36 00-1078	EA		9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	412.23 20.61 -26.73	173.87
26 05 36 00-1079	EA		12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	429.48 21.47 -27.66	183.44
26 05 36 00-1080	EA		18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	473.96 23.70 -31.19	194.52
26 05 36 00-1081	EA		24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	522.03 26.10 -33.85	220.21
26 05 36 00-1082	EA		30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	575.36 28.77 -37.88	235.85
26 05 36 00-1083	EA		36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	651.91 32.60 -43.99	254.44
<b>26 05 36 00-1084</b>			<b>24" Radius Horizontal Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1085	EA		6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	518.04 25.90 -36.52	183.44
26 05 36 00-1086	EA		9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	542.98 27.15 -38.09	194.52
26 05 36 00-1087	EA		12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	569.60 28.48 -39.75	206.58
26 05 36 00-1088	EA		18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	604.08 30.20 -42.06	220.21



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1089 EA 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	681.86	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.99	
26 05 36 00-1090 EA 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	735.16	275.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.76	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.56	
26 05 36 00-1091 EA 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	811.69	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.15	
<b>26 05 36 00-1092 36" Radius Horizontal Crosses (26 05 36 00-0955)</b>		
26 05 36 00-1093 EA 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	594.35	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.72	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.22	
26 05 36 00-1094 EA 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	627.52	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.38	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.40	
26 05 36 00-1095 EA 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	669.13	235.85
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.46	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.26	
26 05 36 00-1096 EA 18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	718.33	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.92	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.63	
26 05 36 00-1097 EA 24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	865.08	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.25	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.49	
26 05 36 00-1098 EA 30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	953.71	329.97
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.87	
26 05 36 00-1099 EA 36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,061.93	367.57
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.56	
<b>26 05 36 00-1100 12" Radius Vertical Crosses (26 05 36 00-0955)</b>		
26 05 36 00-1101 EA 6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	386.13	165.27
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.31	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.84	
26 05 36 00-1102 EA 9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	412.33	173.94
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.62	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.74	
26 05 36 00-1103 EA 12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.43	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.47	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.66	
26 05 36 00-1104 EA 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	474.08	194.59
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.70	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.19	
26 05 36 00-1105 EA 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	522.03	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.85	
26 05 36 00-1106 EA 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	575.54	235.91
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.89	
26 05 36 00-1107 EA 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	651.39	254.08
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.57	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.97	
<b>26 05 36 00-1108 24" Radius Vertical Crosses (26 05 36 00-0955)</b>		
26 05 36 00-1109 EA 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	518.04	183.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.90	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.52	
26 05 36 00-1110 EA 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	542.98	194.52
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.15	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.09	
26 05 36 00-1111 EA 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	569.60	206.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.48	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.75	
26 05 36 00-1112 EA 18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	604.08	220.21
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.20	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.06	
26 05 36 00-1113 EA 24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	681.86	254.44
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.99	
26 05 36 00-1114 EA 30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	735.16	275.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.76	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.56	
26 05 36 00-1115 EA 36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	811.69	300.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.15	
<b>26 05 36 00-1116 36" Radius Vertical Crosses (26 05 36 00-0955)</b>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	706.87 35.34 -53.47	206.58
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	744.73 37.24 -56.12	220.21
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	793.37 39.67 -59.69	235.85
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	850.78 42.54 -63.88	254.44
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,029.18 51.46 -77.90	300.23
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,135.39 56.77 -86.04	329.97
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,264.11 63.21 -95.78	367.57
26 05 36 00-1124		<b>9" Rung Tray Fittings</b> <small>(26 05 36 00-0744)</small>		
26 05 36 00-1125		<b>90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	157.94 7.90 -10.04	69.07
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	175.06 8.75 -10.95	78.63
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	196.99 9.85 -12.45	86.96
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	236.27 11.81 -14.74	106.60
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	276.68 13.83 -17.47	122.36
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	306.58 15.33 -19.18	137.72
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	355.67 17.78 -22.45	157.41
26 05 36 00-1133		<b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	195.68 9.78 -13.58	71.82
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	216.84 10.84 -14.80	82.56
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	236.04 11.80 -15.95	91.79
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	280.09 14.00 -18.51	114.03
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	319.17 15.96 -20.90	132.28
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	358.20 17.91 -23.31	150.11
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	411.36 20.57 -26.65	173.87
26 05 36 00-1141		<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	208.68 10.43 -14.61	75.05
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	230.52 11.53 -15.81	86.90
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	257.60 12.88 -17.66	97.23





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1145 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	311.41	122.36
For 6" Overall Height Instead Of 4-5/8", Add	15.57	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.94	
26 05 36 00-1146 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	360.97	143.64
For 6" Overall Height Instead Of 4-5/8", Add	18.05	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.13	
26 05 36 00-1147 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	408.92	165.27
For 6" Overall Height Instead Of 4-5/8", Add	20.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.12	
26 05 36 00-1148 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	476.60	194.18
For 6" Overall Height Instead Of 4-5/8", Add	23.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.48	
<b>26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows</b> (26 05 36 00-1124)		
26 05 36 00-1150 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	111.62	50.06
For 6" Overall Height Instead Of 4-5/8", Add	5.58	
For 30 Degree Bend, Deduct	-32.20	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-6.99	
For 60 Degree Bend, Deduct	-17.65	
26 05 36 00-1151 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	129.33	60.04
For 6" Overall Height Instead Of 4-5/8", Add	6.47	
For 30 Degree Bend, Deduct	-36.12	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.93	
For 60 Degree Bend, Deduct	-19.67	
26 05 36 00-1152 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	145.16	68.86
For 6" Overall Height Instead Of 4-5/8", Add	7.26	
For 30 Degree Bend, Deduct	-39.67	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.78	
For 60 Degree Bend, Deduct	-21.51	
26 05 36 00-1153 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	180.84	87.03
For 6" Overall Height Instead Of 4-5/8", Add	9.04	
For 30 Degree Bend, Deduct	-48.70	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.83	
For 60 Degree Bend, Deduct	-26.32	
26 05 36 00-1154 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	222.16	106.60
For 6" Overall Height Instead Of 4-5/8", Add	11.11	
For 30 Degree Bend, Deduct	-60.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.33	
For 60 Degree Bend, Deduct	-32.45	
26 05 36 00-1155 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	254.98	122.36
For 6" Overall Height Instead Of 4-5/8", Add	12.75	
For 30 Degree Bend, Deduct	-68.85	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.30	
For 60 Degree Bend, Deduct	-37.23	
26 05 36 00-1156 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	292.60	143.64
For 6" Overall Height Instead Of 4-5/8", Add	14.63	
For 30 Degree Bend, Deduct	-77.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.29	
For 60 Degree Bend, Deduct	-41.49	
<b>26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows</b> (26 05 36 00-1124)		
26 05 36 00-1158 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	124.01	51.64
For 6" Overall Height Instead Of 4-5/8", Add	6.20	
For 30 Degree Bend, Deduct	-38.10	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.10	
For 60 Degree Bend, Deduct	-21.14	
26 05 36 00-1159 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	146.10	62.25
For 6" Overall Height Instead Of 4-5/8", Add	7.31	
For 30 Degree Bend, Deduct	-44.04	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.42	
For 60 Degree Bend, Deduct	-24.35	
26 05 36 00-1160 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	163.20	71.88
For 6" Overall Height Instead Of 4-5/8", Add	8.16	
For 30 Degree Bend, Deduct	-47.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.33	
For 60 Degree Bend, Deduct	-26.30	
26 05 36 00-1161 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	199.69	91.79
For 6" Overall Height Instead Of 4-5/8", Add	9.98	
For 30 Degree Bend, Deduct	-56.27	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.32	
For 60 Degree Bend, Deduct	-30.70	
26 05 36 00-1162 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	244.27	114.03
For 6" Overall Height Instead Of 4-5/8", Add	12.21	
For 30 Degree Bend, Deduct	-67.85	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.93	
For 60 Degree Bend, Deduct	-36.91	
26 05 36 00-1163 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	285.53	132.28
For 6" Overall Height Instead Of 4-5/8", Add	14.28	
For 30 Degree Bend, Deduct	-79.90	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.53	
For 60 Degree Bend, Deduct	-43.53	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1164	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	330.79	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.54	
			<i>For 30 Degree Bend, Deduct</i>	-90.09	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.96	
			<i>For 60 Degree Bend, Deduct</i>	-48.80	
<b>26 05 36 00-1165</b>			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1166	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	139.79	53.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.99	
			<i>For 30 Degree Bend, Deduct</i>	-45.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.54	
			<i>For 60 Degree Bend, Deduct</i>	-25.71	
26 05 36 00-1167	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	159.95	64.72
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.00	
			<i>For 30 Degree Bend, Deduct</i>	-50.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.60	
			<i>For 60 Degree Bend, Deduct</i>	-27.98	
26 05 36 00-1168	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	178.38	75.12
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.92	
			<i>For 30 Degree Bend, Deduct</i>	-54.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.58	
			<i>For 60 Degree Bend, Deduct</i>	-30.07	
26 05 36 00-1169	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	220.71	97.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.04	
			<i>For 30 Degree Bend, Deduct</i>	-64.66	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.97	
			<i>For 60 Degree Bend, Deduct</i>	-35.55	
26 05 36 00-1170	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	275.60	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.78	
			<i>For 30 Degree Bend, Deduct</i>	-80.19	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.36	
			<i>For 60 Degree Bend, Deduct</i>	-44.03	
26 05 36 00-1171	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	315.39	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.77	
			<i>For 30 Degree Bend, Deduct</i>	-89.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.57	
			<i>For 60 Degree Bend, Deduct</i>	-49.01	
26 05 36 00-1172	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	373.38	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.67	
			<i>For 30 Degree Bend, Deduct</i>	-103.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.85	
			<i>For 60 Degree Bend, Deduct</i>	-56.56	
<b>26 05 36 00-1173</b>			<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1174	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	174.46	68.86
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.72	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.71	
26 05 36 00-1175	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	194.06	78.63
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.70	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.85	
26 05 36 00-1176	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	208.93	86.96
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.65	
26 05 36 00-1177	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	243.86	106.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.19	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.50	
26 05 36 00-1178	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	273.43	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.14	
26 05 36 00-1179	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	302.24	137.72
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.75	
26 05 36 00-1180	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	336.90	157.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.85	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.59	
<b>26 05 36 00-1181</b>			<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1182	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	184.28	71.82
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.21	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.44	
26 05 36 00-1183	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	205.01	82.63
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.62	
26 05 36 00-1184	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	221.94	91.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.10	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.54	
26 05 36 00-1185	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	262.72	114.03
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.77	
26 05 36 00-1186	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	297.46	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.87	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1187 EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	331.61	150.11
For 6" Overall Height Instead Of 4-5/8", Add	16.58	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.65	
26 05 36 00-1188 EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	376.63	173.87
For 6" Overall Height Instead Of 4-5/8", Add	18.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.17	
<b>26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1190 EA 6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	224.96	75.05
For 6" Overall Height Instead Of 4-5/8", Add	11.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.24	
26 05 36 00-1191 EA 9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	246.92	86.96
For 6" Overall Height Instead Of 4-5/8", Add	12.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.45	
26 05 36 00-1192 EA 12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	270.63	97.23
For 6" Overall Height Instead Of 4-5/8", Add	13.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.96	
26 05 36 00-1193 EA 18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	316.84	122.36
For 6" Overall Height Instead Of 4-5/8", Add	15.84	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.49	
26 05 36 00-1194 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	356.63	143.64
For 6" Overall Height Instead Of 4-5/8", Add	17.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.69	
26 05 36 00-1195 EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	401.32	165.27
For 6" Overall Height Instead Of 4-5/8", Add	20.07	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.36	
26 05 36 00-1196 EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	454.90	194.18
For 6" Overall Height Instead Of 4-5/8", Add	22.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.31	
<b>26 05 36 00-1197 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1198 EA 6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	286.61	132.28
For 6" Overall Height Instead Of 4-5/8", Add	14.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.64	
26 05 36 00-1199 EA 9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	309.96	143.64
For 6" Overall Height Instead Of 4-5/8", Add	15.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.03	
26 05 36 00-1200 EA 12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	321.84	150.11
For 6" Overall Height Instead Of 4-5/8", Add	16.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.67	
26 05 36 00-1201 EA 18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	361.17	165.27
For 6" Overall Height Instead Of 4-5/8", Add	18.06	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.35	
26 05 36 00-1202 EA 24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	400.18	183.44
For 6" Overall Height Instead Of 4-5/8", Add	20.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.73	
26 05 36 00-1203 EA 30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	433.80	194.52
For 6" Overall Height Instead Of 4-5/8", Add	21.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.17	
26 05 36 00-1204 EA 36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	498.37	220.21
For 6" Overall Height Instead Of 4-5/8", Add	24.92	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.48	
<b>26 05 36 00-1205 24" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1206 EA 6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	352.29	143.64
For 6" Overall Height Instead Of 4-5/8", Add	17.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.26	
26 05 36 00-1207 EA 9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	381.80	157.48
For 6" Overall Height Instead Of 4-5/8", Add	19.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.06	
26 05 36 00-1208 EA 12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	398.07	165.27
For 6" Overall Height Instead Of 4-5/8", Add	19.90	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.04	
26 05 36 00-1209 EA 18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	439.25	183.44
For 6" Overall Height Instead Of 4-5/8", Add	21.96	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.64	
26 05 36 00-1210 EA 24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	489.73	206.58
For 6" Overall Height Instead Of 4-5/8", Add	24.49	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.76	
26 05 36 00-1211 EA 30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	526.59	220.21
For 6" Overall Height Instead Of 4-5/8", Add	26.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.31	
26 05 36 00-1212 EA 36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	668.19	254.44
For 6" Overall Height Instead Of 4-5/8", Add	33.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.62	
<b>26 05 36 00-1213 36" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1214 EA 6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	421.96	157.48
For 6" Overall Height Instead Of 4-5/8", Add	21.10	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.08	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1215	EA		9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	453.69	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.68	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.88	
26 05 36 00-1216	EA		12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	484.83	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.20	
26 05 36 00-1217	EA		18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	533.14	206.58
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.66	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.10	
26 05 36 00-1218	EA		24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	601.40	235.85
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.49	
26 05 36 00-1219	EA		30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	687.72	254.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.57	
26 05 36 00-1220	EA		36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	793.46	300.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.32	
<b>26 05 36 00-1221</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1222	EA		6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	352.65	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.07	
26 05 36 00-1223	EA		9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	365.02	127.18
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.90	
26 05 36 00-1224	EA		12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	374.52	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.73	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.43	
26 05 36 00-1225	EA		18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	396.79	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.71	
26 05 36 00-1226	EA		24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	420.60	150.11
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.03	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.55	
26 05 36 00-1227	EA		30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	449.07	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.14	
26 05 36 00-1228	EA		36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	484.83	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.20	
<b>26 05 36 00-1229</b>			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1230	EA		6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	472.19	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.61	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.20	
26 05 36 00-1231	EA		9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	484.57	137.72
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.98	
26 05 36 00-1232	EA		12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	497.72	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.80	
26 05 36 00-1233	EA		18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	528.31	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.71	
26 05 36 00-1234	EA		24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	547.84	165.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.01	
26 05 36 00-1235	EA		30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	584.68	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.18	
26 05 36 00-1236	EA		36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	648.18	206.58
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.41	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.60	
<b>26 05 36 00-1237</b>			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1238	EA		6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	718.41	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.87	
26 05 36 00-1239	EA		9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	735.42	150.11
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.03	
26 05 36 00-1240	EA		12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	753.85	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.26	
26 05 36 00-1241	EA		18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	787.47	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.26	
26 05 36 00-1242	EA		24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	809.63	183.44
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.48	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1243 EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	866.83	206.58
For 6" Overall Height Instead Of 4-5/8", Add	43.34	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.47	
26 05 36 00-1244 EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	921.78	235.85
For 6" Overall Height Instead Of 4-5/8", Add	46.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.53	
<b>26 05 36 00-1245 12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1246 EA 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	367.68	165.27
For 6" Overall Height Instead Of 4-5/8", Add	18.38	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.00	
26 05 36 00-1247 EA 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	391.83	173.87
For 6" Overall Height Instead Of 4-5/8", Add	19.59	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.69	
26 05 36 00-1248 EA 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	408.86	183.44
For 6" Overall Height Instead Of 4-5/8", Add	20.44	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.60	
26 05 36 00-1249 EA 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	449.00	194.52
For 6" Overall Height Instead Of 4-5/8", Add	22.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.69	
26 05 36 00-1250 EA 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	496.20	220.21
For 6" Overall Height Instead Of 4-5/8", Add	24.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.27	
26 05 36 00-1251 EA 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	544.97	235.85
For 6" Overall Height Instead Of 4-5/8", Add	27.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.85	
26 05 36 00-1252 EA 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	613.92	254.44
For 6" Overall Height Instead Of 4-5/8", Add	30.70	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.19	
<b>26 05 36 00-1253 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1254 EA 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	482.66	183.44
For 6" Overall Height Instead Of 4-5/8", Add	24.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.98	
26 05 36 00-1255 EA 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	506.52	194.52
For 6" Overall Height Instead Of 4-5/8", Add	25.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.44	
26 05 36 00-1256 EA 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	532.05	206.58
For 6" Overall Height Instead Of 4-5/8", Add	26.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.99	
26 05 36 00-1257 EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	564.57	220.21
For 6" Overall Height Instead Of 4-5/8", Add	28.23	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.10	
26 05 36 00-1258 EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	638.89	254.44
For 6" Overall Height Instead Of 4-5/8", Add	31.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.69	
26 05 36 00-1259 EA 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	689.14	275.43
For 6" Overall Height Instead Of 4-5/8", Add	34.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.96	
26 05 36 00-1260 EA 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	759.81	300.23
For 6" Overall Height Instead Of 4-5/8", Add	37.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.96	
<b>26 05 36 00-1261 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1262 EA 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	552.67	206.58
For 6" Overall Height Instead Of 4-5/8", Add	27.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.05	
26 05 36 00-1263 EA 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	584.11	220.21
For 6" Overall Height Instead Of 4-5/8", Add	29.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.06	
26 05 36 00-1264 EA 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	623.11	235.85
For 6" Overall Height Instead Of 4-5/8", Add	31.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.66	
26 05 36 00-1265 EA 18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	669.27	254.44
For 6" Overall Height Instead Of 4-5/8", Add	33.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.73	
26 05 36 00-1266 EA 24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	804.31	300.23
For 6" Overall Height Instead Of 4-5/8", Add	40.22	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.41	
26 05 36 00-1267 EA 30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	886.43	329.97
For 6" Overall Height Instead Of 4-5/8", Add	44.32	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.14	
26 05 36 00-1268 EA 36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	987.04	367.57
For 6" Overall Height Instead Of 4-5/8", Add	49.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.07	
<b>26 05 36 00-1269 12" Radius Vertical Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1270 EA 6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	367.68	165.27
For 6" Overall Height Instead Of 4-5/8", Add	18.38	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.00	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1271 EA 9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	391.83	173.87
For 6" Overall Height Instead Of 4-5/8", Add	19.59	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.69	
26 05 36 00-1272 EA 12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	408.86	183.44
For 6" Overall Height Instead Of 4-5/8", Add	20.44	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.60	
26 05 36 00-1273 EA 18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	449.00	194.52
For 6" Overall Height Instead Of 4-5/8", Add	22.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.69	
26 05 36 00-1274 EA 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	496.20	220.21
For 6" Overall Height Instead Of 4-5/8", Add	24.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.27	
26 05 36 00-1275 EA 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	544.97	235.85
For 6" Overall Height Instead Of 4-5/8", Add	27.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.85	
26 05 36 00-1276 EA 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	612.89	253.74
For 6" Overall Height Instead Of 4-5/8", Add	30.64	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.14	
<b>26 05 36 00-1277 24" Radius Vertical Crosses (26 05 36 00-1124)</b>		
26 05 36 00-1278 EA 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	482.66	183.44
For 6" Overall Height Instead Of 4-5/8", Add	24.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.98	
26 05 36 00-1279 EA 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	506.52	194.52
For 6" Overall Height Instead Of 4-5/8", Add	25.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.44	
26 05 36 00-1280 EA 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	532.05	206.58
For 6" Overall Height Instead Of 4-5/8", Add	26.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.99	
26 05 36 00-1281 EA 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	564.57	220.21
For 6" Overall Height Instead Of 4-5/8", Add	28.23	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.10	
26 05 36 00-1282 EA 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	638.89	254.44
For 6" Overall Height Instead Of 4-5/8", Add	31.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.69	
26 05 36 00-1283 EA 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	689.14	275.43
For 6" Overall Height Instead Of 4-5/8", Add	34.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.96	
26 05 36 00-1284 EA 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	759.81	300.23
For 6" Overall Height Instead Of 4-5/8", Add	37.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.96	
<b>26 05 36 00-1285 36" Radius Vertical Crosses (26 05 36 00-1124)</b>		
26 05 36 00-1286 EA 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	646.44	206.58
For 6" Overall Height Instead Of 4-5/8", Add	32.32	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.43	
26 05 36 00-1287 EA 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	681.78	220.21
For 6" Overall Height Instead Of 4-5/8", Add	34.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.83	
26 05 36 00-1288 EA 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	726.65	235.85
For 6" Overall Height Instead Of 4-5/8", Add	36.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.01	
26 05 36 00-1289 EA 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	779.65	254.44
For 6" Overall Height Instead Of 4-5/8", Add	38.98	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.77	
26 05 36 00-1290 EA 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	941.05	300.23
For 6" Overall Height Instead Of 4-5/8", Add	47.05	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.08	
26 05 36 00-1291 EA 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,037.82	329.97
For 6" Overall Height Instead Of 4-5/8", Add	51.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.28	
26 05 36 00-1292 EA 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,155.53	367.57
For 6" Overall Height Instead Of 4-5/8", Add	57.78	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.92	
<b>26 05 36 00-1293 12" Rung Tray Fittings (26 05 36 00-0744)</b>		
<b>26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1293)</b>		
26 05 36 00-1295 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	154.94	69.07
For 6" Overall Height Instead Of 4-5/8", Add	7.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.74	
26 05 36 00-1296 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	171.99	78.63
For 6" Overall Height Instead Of 4-5/8", Add	8.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.64	
26 05 36 00-1297 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	193.35	86.96
For 6" Overall Height Instead Of 4-5/8", Add	9.67	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.09	
26 05 36 00-1298 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	232.16	106.60
For 6" Overall Height Instead Of 4-5/8", Add	11.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1299 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	271.59	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.96	
26 05 36 00-1300 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	301.19	137.72
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.06	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.64	
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	349.14	157.41
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.46	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.80	
<b>26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1303 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	190.36	71.82
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.52	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.05	
26 05 36 00-1304 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	211.29	82.56
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.56	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.25	
26 05 36 00-1305 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	230.23	91.79
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.37	
26 05 36 00-1306 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	273.78	114.03
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.88	
26 05 36 00-1307 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	312.26	132.28
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.61	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.21	
26 05 36 00-1308 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	350.64	150.11
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.55	
26 05 36 00-1309 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	402.85	173.87
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.14	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.79	
<b>26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1311 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	202.83	75.05
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.14	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.03	
26 05 36 00-1312 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	224.52	86.90
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.23	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.21	
26 05 36 00-1313 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	250.92	97.23
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.55	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.99	
26 05 36 00-1314 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	303.89	122.36
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.19	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.19	
26 05 36 00-1315 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	352.46	143.64
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.62	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.28	
26 05 36 00-1316 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	399.58	165.27
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.98	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.19	
26 05 36 00-1317 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	465.89	194.18
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.29	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.41	
<b>26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1319 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	109.64	50.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.48	
<i>For 60 Degree Bend, Deduct</i>	-17.00	
<i>For 30 Degree Bend, Deduct</i>	-31.11	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-6.79	
26 05 36 00-1320 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	127.28	60.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.36	
<i>For 60 Degree Bend, Deduct</i>	-19.00	
<i>For 30 Degree Bend, Deduct</i>	-34.99	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.73	
26 05 36 00-1321 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	143.03	68.86
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.15	
<i>For 60 Degree Bend, Deduct</i>	-20.80	
<i>For 30 Degree Bend, Deduct</i>	-38.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.56	
26 05 36 00-1322 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	178.34	87.03
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.92	
<i>For 60 Degree Bend, Deduct</i>	-25.50	
<i>For 30 Degree Bend, Deduct</i>	-47.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.58	
26 05 36 00-1323 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	219.04	106.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.95	
<i>For 60 Degree Bend, Deduct</i>	-31.42	
<i>For 30 Degree Bend, Deduct</i>	-58.29	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.02	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1324	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	251.41	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.57	
			<i>For 60 Degree Bend, Deduct</i>	-36.05	
			<i>For 30 Degree Bend, Deduct</i>	-66.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.94	
26 05 36 00-1325	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	288.88	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.44	
			<i>For 60 Degree Bend, Deduct</i>	-40.26	
			<i>For 30 Degree Bend, Deduct</i>	-75.09	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.92	
<b>26 05 36 00-1326</b>			<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1327	EA		6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	121.36	51.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.07	
			<i>For 60 Degree Bend, Deduct</i>	-20.26	
			<i>For 30 Degree Bend, Deduct</i>	-36.64	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.83	
26 05 36 00-1328	EA		9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	143.13	62.25
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.16	
			<i>For 60 Degree Bend, Deduct</i>	-23.37	
			<i>For 30 Degree Bend, Deduct</i>	-42.40	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.12	
26 05 36 00-1329	EA		12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	160.16	71.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.01	
			<i>For 60 Degree Bend, Deduct</i>	-25.30	
			<i>For 30 Degree Bend, Deduct</i>	-46.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.03	
26 05 36 00-1330	EA		18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	196.42	91.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.82	
			<i>For 60 Degree Bend, Deduct</i>	-29.62	
			<i>For 30 Degree Bend, Deduct</i>	-54.47	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.99	
26 05 36 00-1331	EA		24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	240.48	114.03
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.02	
			<i>For 60 Degree Bend, Deduct</i>	-35.66	
			<i>For 30 Degree Bend, Deduct</i>	-65.76	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.55	
26 05 36 00-1332	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	280.97	132.28
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.05	
			<i>For 60 Degree Bend, Deduct</i>	-42.03	
			<i>For 30 Degree Bend, Deduct</i>	-77.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.08	
26 05 36 00-1333	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	326.01	157.48
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.30	
			<i>For 60 Degree Bend, Deduct</i>	-47.23	
			<i>For 30 Degree Bend, Deduct</i>	-87.46	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.48	
<b>26 05 36 00-1334</b>			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1335	EA		6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	136.22	53.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.81	
			<i>For 60 Degree Bend, Deduct</i>	-24.53	
			<i>For 30 Degree Bend, Deduct</i>	-43.85	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.18	
26 05 36 00-1336	EA		9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	156.31	64.72
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.82	
			<i>For 60 Degree Bend, Deduct</i>	-26.77	
			<i>For 30 Degree Bend, Deduct</i>	-48.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.24	
26 05 36 00-1337	EA		12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	174.66	75.12
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.73	
			<i>For 60 Degree Bend, Deduct</i>	-28.84	
			<i>For 30 Degree Bend, Deduct</i>	-52.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.21	
26 05 36 00-1338	EA		18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	216.60	97.23
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.83	
			<i>For 60 Degree Bend, Deduct</i>	-34.20	
			<i>For 30 Degree Bend, Deduct</i>	-62.40	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.56	
26 05 36 00-1339	EA		24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	270.58	122.36
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.53	
			<i>For 60 Degree Bend, Deduct</i>	-42.38	
			<i>For 30 Degree Bend, Deduct</i>	-77.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.86	
26 05 36 00-1340	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	310.07	143.64
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.50	
			<i>For 60 Degree Bend, Deduct</i>	-47.26	
			<i>For 30 Degree Bend, Deduct</i>	-86.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.04	
26 05 36 00-1341	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	367.53	173.87
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.38	
			<i>For 60 Degree Bend, Deduct</i>	-54.63	
			<i>For 30 Degree Bend, Deduct</i>	-100.71	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.26	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1342</b> <b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1343     EA    6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	168.49	68.86
For 6" Overall Height Instead Of 4-5/8", Add	8.42	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.11	
26 05 36 00-1344     EA    9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	187.76	78.63
For 6" Overall Height Instead Of 4-5/8", Add	9.39	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.22	
26 05 36 00-1345     EA    12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	202.53	86.96
For 6" Overall Height Instead Of 4-5/8", Add	10.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.01	
26 05 36 00-1346     EA    18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	237.24	106.60
For 6" Overall Height Instead Of 4-5/8", Add	11.86	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.84	
26 05 36 00-1347     EA    24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	266.48	122.36
For 6" Overall Height Instead Of 4-5/8", Add	13.32	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.45	
26 05 36 00-1348     EA    30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	294.97	137.72
For 6" Overall Height Instead Of 4-5/8", Add	14.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.02	
26 05 36 00-1349     EA    36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	329.42	157.20
For 6" Overall Height Instead Of 4-5/8", Add	16.47	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.84	
<b>26 05 36 00-1350</b> <b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1351     EA    6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	177.83	71.82
For 6" Overall Height Instead Of 4-5/8", Add	8.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.80	
26 05 36 00-1352     EA    9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	198.28	82.63
For 6" Overall Height Instead Of 4-5/8", Add	9.91	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.94	
26 05 36 00-1353     EA    12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	215.04	91.79
For 6" Overall Height Instead Of 4-5/8", Add	10.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.85	
26 05 36 00-1354     EA    18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	255.45	114.03
For 6" Overall Height Instead Of 4-5/8", Add	12.77	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.04	
26 05 36 00-1355     EA    24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	289.76	132.28
For 6" Overall Height Instead Of 4-5/8", Add	14.49	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.96	
26 05 36 00-1356     EA    30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	323.47	150.11
For 6" Overall Height Instead Of 4-5/8", Add	16.17	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.84	
26 05 36 00-1357     EA    36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	367.95	173.87
For 6" Overall Height Instead Of 4-5/8", Add	18.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.30	
<b>26 05 36 00-1358</b> <b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1359     EA    6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	214.97	75.05
For 6" Overall Height Instead Of 4-5/8", Add	10.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.24	
26 05 36 00-1360     EA    9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	236.71	86.96
For 6" Overall Height Instead Of 4-5/8", Add	11.84	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.43	
26 05 36 00-1361     EA    12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	259.78	97.23
For 6" Overall Height Instead Of 4-5/8", Add	12.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.87	
26 05 36 00-1362     EA    18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	305.55	122.36
For 6" Overall Height Instead Of 4-5/8", Add	15.28	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.36	
26 05 36 00-1363     EA    24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	344.91	143.64
For 6" Overall Height Instead Of 4-5/8", Add	17.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.52	
26 05 36 00-1364     EA    30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	388.73	165.27
For 6" Overall Height Instead Of 4-5/8", Add	19.44	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.10	
26 05 36 00-1365     EA    36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	441.77	194.18
For 6" Overall Height Instead Of 4-5/8", Add	22.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.00	
<b>26 05 36 00-1366</b> <b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1367     EA    6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	279.99	132.28
For 6" Overall Height Instead Of 4-5/8", Add	14.00	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.98	
26 05 36 00-1368     EA    9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	302.91	143.64
For 6" Overall Height Instead Of 4-5/8", Add	15.15	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.32	
26 05 36 00-1369     EA    12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	314.68	150.11
For 6" Overall Height Instead Of 4-5/8", Add	15.73	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.96	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1370	EA		18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	352.59 17.63 -21.49	165.27
26 05 36 00-1371	EA		24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	390.74 19.54 -23.79	183.44
26 05 36 00-1372	EA		30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	422.84 21.14 -26.07	194.52
26 05 36 00-1373	EA		36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	485.24 24.26 -30.17	220.21
<b>26 05 36 00-1374</b>			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1375	EA		6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.00 17.05 -22.13	143.64
26 05 36 00-1376	EA		9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	369.86 18.49 -23.87	157.48
26 05 36 00-1377	EA		12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	385.80 19.29 -24.81	165.27
26 05 36 00-1378	EA		18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	425.90 21.30 -27.30	183.44
26 05 36 00-1379	EA		24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	475.18 23.76 -30.30	206.58
26 05 36 00-1380	EA		30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	510.63 25.53 -32.71	220.21
26 05 36 00-1381	EA		36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	643.77 32.19 -43.18	254.44
<b>26 05 36 00-1382</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1383	EA		6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	406.00 20.30 -27.48	157.48
26 05 36 00-1384	EA		9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	437.30 21.87 -29.24	173.87
26 05 36 00-1385	EA		12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	466.92 23.35 -31.40	183.44
26 05 36 00-1386	EA		18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	514.25 25.71 -34.21	206.58
26 05 36 00-1387	EA		24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	580.57 29.03 -38.41	235.85
26 05 36 00-1388	EA		30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	661.35 33.07 -44.94	254.44
26 05 36 00-1389	EA		36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	764.15 38.21 -51.39	300.23
<b>26 05 36 00-1390</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1391	EA		6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	337.79 16.89 -23.58	122.36
26 05 36 00-1392	EA		9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	349.72 17.49 -24.37	127.18
26 05 36 00-1393	EA		12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	359.11 17.96 -24.89	132.28
26 05 36 00-1394	EA		18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	381.05 19.05 -26.13	143.64
26 05 36 00-1395	EA		24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	403.56 20.18 -27.85	150.11
26 05 36 00-1396	EA		30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	431.71 21.59 -29.40	165.27
26 05 36 00-1397	EA		36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	466.92 23.35 -31.40	183.44



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1398</b> <b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1399    EA    6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	447.02	132.28
For 6" Overall Height Instead Of 4-5/8", Add	22.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.68	
26 05 36 00-1400    EA    9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	459.07	137.72
For 6" Overall Height Instead Of 4-5/8", Add	22.95	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.43	
26 05 36 00-1401    EA    12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	471.89	143.64
For 6" Overall Height Instead Of 4-5/8", Add	23.59	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.22	
26 05 36 00-1402    EA    18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	501.72	157.48
For 6" Overall Height Instead Of 4-5/8", Add	25.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.05	
26 05 36 00-1403    EA    24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	520.59	165.27
For 6" Overall Height Instead Of 4-5/8", Add	26.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.29	
26 05 36 00-1404    EA    30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	556.79	183.44
For 6" Overall Height Instead Of 4-5/8", Add	27.84	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.39	
26 05 36 00-1405    EA    36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	617.79	206.58
For 6" Overall Height Instead Of 4-5/8", Add	30.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.56	
<b>26 05 36 00-1406</b> <b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1407    EA    6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	670.51	143.64
For 6" Overall Height Instead Of 4-5/8", Add	33.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.08	
26 05 36 00-1408    EA    9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	686.90	150.11
For 6" Overall Height Instead Of 4-5/8", Add	34.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.18	
26 05 36 00-1409    EA    12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	704.70	157.48
For 6" Overall Height Instead Of 4-5/8", Add	35.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.35	
26 05 36 00-1410    EA    18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	737.70	173.87
For 6" Overall Height Instead Of 4-5/8", Add	36.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.28	
26 05 36 00-1411    EA    24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	759.25	183.44
For 6" Overall Height Instead Of 4-5/8", Add	37.96	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.64	
26 05 36 00-1412    EA    30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	814.58	206.58
For 6" Overall Height Instead Of 4-5/8", Add	40.73	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.24	
26 05 36 00-1413    EA    36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	868.90	235.85
For 6" Overall Height Instead Of 4-5/8", Add	43.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.24	
<b>26 05 36 00-1414</b> <b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1415    EA    6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	358.45	165.27
For 6" Overall Height Instead Of 4-5/8", Add	17.92	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.07	
26 05 36 00-1416    EA    9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	381.62	173.87
For 6" Overall Height Instead Of 4-5/8", Add	19.08	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.67	
26 05 36 00-1417    EA    12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	398.55	183.44
For 6" Overall Height Instead Of 4-5/8", Add	19.93	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.57	
26 05 36 00-1418    EA    18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	436.52	194.52
For 6" Overall Height Instead Of 4-5/8", Add	21.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.44	
26 05 36 00-1419    EA    24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	483.28	220.21
For 6" Overall Height Instead Of 4-5/8", Add	24.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.98	
26 05 36 00-1420    EA    30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	529.78	235.85
For 6" Overall Height Instead Of 4-5/8", Add	26.49	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.33	
26 05 36 00-1421    EA    36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	594.93	254.44
For 6" Overall Height Instead Of 4-5/8", Add	29.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.29	
<b>26 05 36 00-1422</b> <b>24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1423    EA    6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	464.97	183.44
For 6" Overall Height Instead Of 4-5/8", Add	23.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.21	
26 05 36 00-1424    EA    9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	488.28	194.52
For 6" Overall Height Instead Of 4-5/8", Add	24.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.62	
26 05 36 00-1425    EA    12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	513.28	206.58
For 6" Overall Height Instead Of 4-5/8", Add	25.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.11	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1426 EA 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	544.82	220.21
For 6" Overall Height Instead Of 4-5/8", Add	27.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.13	
26 05 36 00-1427 EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	617.40	254.44
For 6" Overall Height Instead Of 4-5/8", Add	30.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.54	
26 05 36 00-1428 EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	666.13	275.43
For 6" Overall Height Instead Of 4-5/8", Add	33.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.66	
26 05 36 00-1429 EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	733.87	300.23
For 6" Overall Height Instead Of 4-5/8", Add	36.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.37	
<b>26 05 36 00-1430 36" Radius Horizontal Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1431 EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	531.84	206.58
For 6" Overall Height Instead Of 4-5/8", Add	26.59	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.97	
26 05 36 00-1432 EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	562.40	220.21
For 6" Overall Height Instead Of 4-5/8", Add	28.12	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.89	
26 05 36 00-1433 EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	600.10	235.85
For 6" Overall Height Instead Of 4-5/8", Add	30.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.36	
26 05 36 00-1434 EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	644.75	254.44
For 6" Overall Height Instead Of 4-5/8", Add	32.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.28	
26 05 36 00-1435 EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	773.92	300.23
For 6" Overall Height Instead Of 4-5/8", Add	38.70	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.37	
26 05 36 00-1436 EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	852.78	329.97
For 6" Overall Height Instead Of 4-5/8", Add	42.64	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.78	
26 05 36 00-1437 EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	949.60	367.57
For 6" Overall Height Instead Of 4-5/8", Add	47.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.33	
<b>26 05 36 00-1438 12" Radius Vertical Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1439 EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	358.45	165.27
For 6" Overall Height Instead Of 4-5/8", Add	17.92	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.07	
26 05 36 00-1440 EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	381.72	173.94
For 6" Overall Height Instead Of 4-5/8", Add	19.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.68	
26 05 36 00-1441 EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	398.50	183.44
For 6" Overall Height Instead Of 4-5/8", Add	19.93	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.56	
26 05 36 00-1442 EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	436.64	194.59
For 6" Overall Height Instead Of 4-5/8", Add	21.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.45	
26 05 36 00-1443 EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	483.28	220.21
For 6" Overall Height Instead Of 4-5/8", Add	24.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.98	
26 05 36 00-1444 EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	529.96	235.91
For 6" Overall Height Instead Of 4-5/8", Add	26.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.34	
26 05 36 00-1445 EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	594.41	254.08
For 6" Overall Height Instead Of 4-5/8", Add	29.72	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.27	
<b>26 05 36 00-1446 24" Radius Vertical Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1447 EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	464.97	183.44
For 6" Overall Height Instead Of 4-5/8", Add	23.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.21	
26 05 36 00-1448 EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	488.28	194.52
For 6" Overall Height Instead Of 4-5/8", Add	24.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.62	
26 05 36 00-1449 EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	513.28	206.58
For 6" Overall Height Instead Of 4-5/8", Add	25.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.11	
26 05 36 00-1450 EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	544.82	220.21
For 6" Overall Height Instead Of 4-5/8", Add	27.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.13	
26 05 36 00-1451 EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	617.40	254.44
For 6" Overall Height Instead Of 4-5/8", Add	30.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.54	
26 05 36 00-1452 EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	666.13	275.43
For 6" Overall Height Instead Of 4-5/8", Add	33.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.66	
26 05 36 00-1453 EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	733.87	300.23
For 6" Overall Height Instead Of 4-5/8", Add	36.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1454</b> <b>36" Radius Vertical Crosses</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1455    EA    6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	616.23	206.58
For 6" Overall Height Instead Of 4-5/8", Add	30.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.41	
26 05 36 00-1456    EA    9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	650.31	220.21
For 6" Overall Height Instead Of 4-5/8", Add	32.52	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.68	
26 05 36 00-1457    EA    12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	693.28	235.85
For 6" Overall Height Instead Of 4-5/8", Add	34.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.68	
26 05 36 00-1458    EA    18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	744.08	254.44
For 6" Overall Height Instead Of 4-5/8", Add	37.20	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.21	
26 05 36 00-1459    EA    24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	896.99	300.23
For 6" Overall Height Instead Of 4-5/8", Add	44.85	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.68	
26 05 36 00-1460    EA    30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	989.04	329.97
For 6" Overall Height Instead Of 4-5/8", Add	49.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.40	
26 05 36 00-1461    EA    36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,101.24	367.57
For 6" Overall Height Instead Of 4-5/8", Add	55.06	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.49	
<b>26 05 36 00-1462</b> <b>Dropout Or End Plates And Reducers</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-1463</b> <b>Straight Reducers</b> <small>(26 05 36 00-1462)</small>		
26 05 36 00-1464    EA    9"-6" Reducer, Aluminum Cable Tray.....	133.56	50.82
For 6" Overall Height Instead Of 4-5/8", Add	6.68	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.12	
26 05 36 00-1465    EA    12"-9" Reducer, Aluminum Cable Tray.....	141.64	55.02
For 6" Overall Height Instead Of 4-5/8", Add	7.08	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.58	
26 05 36 00-1466    EA    18"-12" Reducer, Aluminum Cable Tray.....	156.89	63.49
For 6" Overall Height Instead Of 4-5/8", Add	7.84	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.40	
26 05 36 00-1467    EA    24"-18" Reducer, Aluminum Cable Tray.....	174.53	73.47
For 6" Overall Height Instead Of 4-5/8", Add	8.73	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.33	
26 05 36 00-1468    EA    30"-24" Reducer, Aluminum Cable Tray.....	190.90	82.63
For 6" Overall Height Instead Of 4-5/8", Add	9.55	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.20	
26 05 36 00-1469    EA    36"-30" Reducer, Aluminum Cable Tray.....	213.78	94.40
For 6" Overall Height Instead Of 4-5/8", Add	10.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.51	
<b>26 05 36 00-1470</b> <b>Reducers</b> <small>(26 05 36 00-1462)</small>		
26 05 36 00-1471    EA    18"-6" Reducer, Aluminum Cable Tray.....	156.95	63.56
For 6" Overall Height Instead Of 4-5/8", Add	7.85	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.40	
26 05 36 00-1472    EA    24"-12" Reducer, Aluminum Cable Tray.....	174.70	73.54
For 6" Overall Height Instead Of 4-5/8", Add	8.74	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.34	
26 05 36 00-1473    EA    30"-12" Reducer, Aluminum Cable Tray.....	190.79	82.56
For 6" Overall Height Instead Of 4-5/8", Add	9.54	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.20	
26 05 36 00-1474    EA    30"-18" Reducer, Aluminum Cable Tray.....	191.76	82.49
For 6" Overall Height Instead Of 4-5/8", Add	9.59	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.30	
26 05 36 00-1475    EA    36"-12" Reducer, Aluminum Cable Tray.....	212.70	94.40
For 6" Overall Height Instead Of 4-5/8", Add	10.64	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.40	
26 05 36 00-1476    EA    36"-18" Reducer, Aluminum Cable Tray.....	217.92	96.88
For 6" Overall Height Instead Of 4-5/8", Add	10.90	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.72	
26 05 36 00-1477    EA    36"-24" Reducer, Aluminum Cable Tray.....	225.26	99.98
For 6" Overall Height Instead Of 4-5/8", Add	11.26	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.19	
<b>26 05 36 00-1478</b> <b>Dropout Or End Plate</b> <small>(26 05 36 00-1462)</small>		
26 05 36 00-1479    EA    6" Dropout Or End Plate, Aluminum Cable Tray.....	40.89	20.66
26 05 36 00-1480    EA    9" Dropout Or End Plate, Aluminum Cable Tray.....	46.21	23.61
26 05 36 00-1481    EA    12" Dropout Or End Plate, Aluminum Cable Tray.....	49.83	25.41
26 05 36 00-1482    EA    18" Dropout Or End Plate, Aluminum Cable Tray.....	60.09	30.02
26 05 36 00-1483    EA    24" Dropout Or End Plate, Aluminum Cable Tray.....	66.87	33.05
26 05 36 00-1484    EA    30" Dropout Or End Plate, Aluminum Cable Tray.....	75.21	36.70
26 05 36 00-1485    EA    36" Dropout Or End Plate, Aluminum Cable Tray.....	84.43	41.31

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1486			<b>Solid Bottom Cable Tray</b> (26 05 36 00-0001) Note: 3-5/8" Height.		
26 05 36 00-1487			<b>Solid Bottom Galvanized Steel Straight Tray Sections</b> (26 05 36 00-1486)		
26 05 36 00-1488	LF		6" Solid Bottom Steel Cable Tray, Straight Section ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	16.97 1.64	5.37
26 05 36 00-1489	LF		12" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	21.13 2.07	6.61
26 05 36 00-1490	LF		18" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	28.27 2.66	9.51
26 05 36 00-1491	LF		24" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	32.70 3.09	10.88
26 05 36 00-1492	LF		30" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	39.20 3.68	13.16
26 05 36 00-1493	LF		36" Solid Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.83 4.96	15.08
26 05 36 00-1494			<b>Solid Bottom Galvanized Steel Cable Tray Fittings</b> (26 05 36 00-1486)		
26 05 36 00-1495			<b>90 Degree, 12" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1496	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	175.13 14.79	68.93
26 05 36 00-1497	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	229.16 18.21	96.95
26 05 36 00-1498	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	281.14 21.77	122.36
26 05 36 00-1499	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	344.63 26.64	150.31
26 05 36 00-1500	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	402.43 31.33	174.21
26 05 36 00-1501	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	452.00 35.38	194.52
26 05 36 00-1502			<b>90 Degree, 24" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1503	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	205.24 18.82	71.75
26 05 36 00-1504	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	272.39 23.63	103.36
26 05 36 00-1505	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	336.16 28.38	132.28
26 05 36 00-1506	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	410.47 34.03	165.27
26 05 36 00-1507	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	481.53 39.87	194.18
26 05 36 00-1508	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	544.29 44.94	220.21
26 05 36 00-1509			<b>90 Degree, 36" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1510	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	250.33 25.06	74.99
26 05 36 00-1511	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	324.99 30.36	110.38
26 05 36 00-1512	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	412.18 37.85	143.85
26 05 36 00-1513	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	492.65 43.32	183.44
26 05 36 00-1514	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	591.31 51.99	220.21
26 05 36 00-1515	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	674.97 58.95	253.74
26 05 36 00-1516			<b>45 Degree, 12" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1517	EA		6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	160.13 12.53	68.93
26 05 36 00-1518	EA		12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	212.28 15.68	96.95
26 05 36 00-1519	EA		18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	261.60 18.87	122.22
26 05 36 00-1520	EA		24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	320.74 23.09	150.11
26 05 36 00-1521	EA		30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	374.40 27.13	174.21
26 05 36 00-1522	EA		36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	419.44 30.56	194.18
26 05 36 00-1523			<b>45 Degree, 24" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1524	EA		6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	183.91 15.62	71.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1525 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	247.20 19.87	103.29
26 05 36 00-1526 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	307.51 24.06	132.42
26 05 36 00-1527 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	376.71 28.96	165.27
26 05 36 00-1528 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	442.65 33.98	194.52
26 05 36 00-1529 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	499.98 38.29	220.21
<b>26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1531 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	219.16 20.36	75.05
26 05 36 00-1532 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	272.61 24.21	100.05
26 05 36 00-1533 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	369.07 31.38	143.85
26 05 36 00-1534 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	446.49 36.34	183.79
26 05 36 00-1535 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	535.25 43.58	220.21
26 05 36 00-1536 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	613.00 49.55	254.44
<b>26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1538 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	188.09 16.76	68.73
26 05 36 00-1539 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	238.81 19.66	96.95
26 05 36 00-1540 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	282.34 21.95	122.36
26 05 36 00-1541 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	342.22 26.28	150.31
26 05 36 00-1542 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	387.96 29.16	174.21
26 05 36 00-1543 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	424.86 31.37	194.18
<b>26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1545 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	223.32 21.54	71.75
26 05 36 00-1546 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	285.65 25.62	103.36
26 05 36 00-1547 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	343.39 29.47	132.28
26 05 36 00-1548 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	409.27 33.85	165.27
26 05 36 00-1549 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	464.65 37.34	194.18
26 05 36 00-1550 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	521.38 41.50	220.21
<b>26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1552 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	266.00 27.41	74.99
26 05 36 00-1553 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	325.08 32.05	100.26
26 05 36 00-1554 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	412.18 37.85	143.85
26 05 36 00-1555 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	495.06 43.68	183.44
26 05 36 00-1556 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	573.23 49.28	220.21
26 05 36 00-1557 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	647.23 54.79	253.74
<b>26 05 36 00-1558 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1559 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	304.81 23.68	132.28
26 05 36 00-1560 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	366.63 27.50	164.98
26 05 36 00-1561 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	432.71 32.49	194.52
26 05 36 00-1562 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	515.71 37.96	236.33
26 05 36 00-1563 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	562.66 42.00	254.44

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1564	EA		36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	659.59 48.90	300.23
<b>26 05 36 00-1565</b>			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	370.84 31.68	143.64
26 05 36 00-1567	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	458.89 38.26	183.44
26 05 36 00-1568	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	537.06 43.85	220.21
26 05 36 00-1569	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	689.35 57.50	275.43
26 05 36 00-1570	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	751.22 62.64	300.23
26 05 36 00-1571	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	883.91 71.32	367.57
<b>26 05 36 00-1572</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1573	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	468.60 44.05	157.48
26 05 36 00-1574	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	574.59 51.76	206.58
26 05 36 00-1575	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	674.79 58.82	254.44
26 05 36 00-1576	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	822.36 73.31	300.23
26 05 36 00-1577	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	901.42 80.04	331.07
26 05 36 00-1578	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,050.30 88.69	413.15
<b>26 05 36 00-1579</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	359.07 31.82	132.28
26 05 36 00-1581	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	420.12 35.48	165.27
26 05 36 00-1582	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	452.86 37.35	183.44
26 05 36 00-1583	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	485.15 40.41	194.18
26 05 36 00-1584	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	539.47 44.22	220.21
26 05 36 00-1585	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	602.45 47.97	254.44
<b>26 05 36 00-1586</b>			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	444.39 42.72	143.64
26 05 36 00-1588	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	520.38 47.48	183.44
26 05 36 00-1589	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	569.77 51.04	206.58
26 05 36 00-1590	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	603.37 53.80	220.21
26 05 36 00-1591	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	683.23 60.08	254.44
26 05 36 00-1592	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	771.72 65.72	300.23
<b>26 05 36 00-1593</b>			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	581.54 61.03	157.20
26 05 36 00-1595	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	669.85 66.05	206.58
26 05 36 00-1596	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	742.69 72.10	235.85
26 05 36 00-1597	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	785.72 75.46	254.44
26 05 36 00-1598	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	922.43 88.32	300.23
26 05 36 00-1599	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	996.11 94.42	329.97
<b>26 05 36 00-1600</b>			<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	376.71 28.96	165.27





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1602 EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	433.91 32.67	194.52
26 05 36 00-1603 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	522.04 39.00	235.85
26 05 36 00-1604 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	603.75 44.66	275.43
26 05 36 00-1605 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	711.56 51.74	329.97
26 05 36 00-1606 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	789.86 57.22	367.57
<b>26 05 36 00-1607 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1608 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	490.80 42.99	183.79
26 05 36 00-1609 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	573.23 49.28	220.21
26 05 36 00-1610 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	689.35 57.50	275.43
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	847.16 71.90	331.07
26 05 36 00-1612 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	932.14 78.56	367.57
26 05 36 00-1613 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,026.18 85.07	413.15
<b>26 05 36 00-1614 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1615 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	645.73 62.43	206.58
26 05 36 00-1616 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	755.57 70.94	254.44
26 05 36 00-1617 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	913.48 81.85	331.07
26 05 36 00-1618 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,040.65 94.84	367.57
26 05 36 00-1619 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,152.78 104.06	413.15
26 05 36 00-1620 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,280.41 113.46	471.61
<b>26 05 36 00-1621 Straight Reducers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1622 EA 12"-6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	150.89 13.45	55.09
26 05 36 00-1623 EA 18"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	164.06 14.23	62.25
26 05 36 00-1624 EA 24"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	182.24 15.38	71.75
26 05 36 00-1625 EA 30"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	205.24 17.01	82.63
26 05 36 00-1626 EA 36"-30" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	222.68 18.13	91.65
<b>26 05 36 00-1627 Reducers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1628 EA 18"-6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	164.12 14.24	62.32
26 05 36 00-1629 EA 24"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	181.28 15.21	71.88
26 05 36 00-1630 EA 30"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	202.72 16.65	82.56
26 05 36 00-1631 EA 30"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	203.81 16.82	82.49
26 05 36 00-1632 EA 36"-12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	221.48 17.95	91.65
26 05 36 00-1633 EA 36"-18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	222.68 18.13	91.65
26 05 36 00-1634 EA 36"-24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	224.16 18.32	91.79
<b>26 05 36 00-1635 Dropout Or End Plate</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1636 EA 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	46.73	20.66
26 05 36 00-1637 EA 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	57.31	25.20
26 05 36 00-1638 EA 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	66.25	29.88
26 05 36 00-1639 EA 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	74.44	33.05
26 05 36 00-1640 EA 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	82.85	36.70
26 05 36 00-1641 EA 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	92.07	41.31
<b>26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections</b> <small>(26 05 36 00-1486)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1643	LF		6" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	15.88 1.66	4.34
26 05 36 00-1644	LF		12" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	19.79 2.12	5.09
26 05 36 00-1645	LF		18" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	25.30 2.69	6.61
26 05 36 00-1646	LF		24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	30.07 3.30	7.30
26 05 36 00-1647	LF		30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	36.87 3.96	9.44
26 05 36 00-1648	LF		36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	43.84 4.85	10.33
<b>26 05 36 00-1649</b>			<b>Solid Bottom Aluminum Cable Tray Fittings (26 05 36 00-1496)</b>		
<b>26 05 36 00-1650</b>			<b>90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1651	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	184.30 16.16	68.93
26 05 36 00-1652	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	222.80 18.95	86.76
26 05 36 00-1653	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	257.45 22.42	97.16
26 05 36 00-1654	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	299.82 25.95	114.10
26 05 36 00-1655	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	354.19 31.06	132.42
26 05 36 00-1656	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	400.35 34.99	150.31
<b>26 05 36 00-1657</b>			<b>90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1658	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	218.39 20.80	71.75
26 05 36 00-1659	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	270.36 25.24	91.93
26 05 36 00-1660	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	305.63 28.63	103.29
26 05 36 00-1661	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	368.93 34.94	122.36
26 05 36 00-1662	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	427.93 40.28	143.44
26 05 36 00-1663	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	492.49 46.33	165.27
<b>26 05 36 00-1664</b>			<b>90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1665	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	271.44 28.22	74.99
26 05 36 00-1666	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	338.07 34.49	97.36
26 05 36 00-1667	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	392.29 40.45	110.38
26 05 36 00-1668	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	443.70 44.54	132.08
26 05 36 00-1669	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	515.29 51.05	157.48
26 05 36 00-1670	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	601.50 59.70	183.16
<b>26 05 36 00-1671</b>			<b>45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1672	EA		6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	169.10 13.87	68.93
26 05 36 00-1673	EA		12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	205.61 16.38	86.76
26 05 36 00-1674	EA		18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	236.29 19.26	97.09
26 05 36 00-1675	EA		24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	275.30 22.32	113.90
26 05 36 00-1676	EA		30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	324.82 26.65	132.42
26 05 36 00-1677	EA		36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	366.67 30.02	149.90
<b>26 05 36 00-1678</b>			<b>45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1679	EA		6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	196.74 17.54	71.82
26 05 36 00-1680	EA		12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	244.44 21.36	91.79
26 05 36 00-1681	EA		18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	276.61 24.24	103.50



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1682 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	332.64 29.50	122.36
26 05 36 00-1683 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	387.05 34.08	143.85
26 05 36 00-1684 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	444.73 39.17	165.27
<b>26 05 36 00-1685 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1686 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	239.39 23.40	75.05
26 05 36 00-1687 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	299.09 28.67	97.16
26 05 36 00-1688 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	346.45 33.58	110.38
26 05 36 00-1689 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	395.08 37.19	132.42
26 05 36 00-1690 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	459.66 42.71	157.48
26 05 36 00-1691 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	537.42 49.98	183.79
<b>26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1693 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	197.02 18.10	68.73
26 05 36 00-1694 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	230.40 20.09	86.76
26 05 36 00-1695 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	258.54 22.59	97.16
26 05 36 00-1696 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	292.23 24.81	114.10
26 05 36 00-1697 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	329.23 27.31	132.42
26 05 36 00-1698 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	361.63 29.26	149.90
<b>26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1700 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	236.84 23.56	71.75
26 05 36 00-1701 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	280.13 26.70	91.93
26 05 36 00-1702 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	308.89 29.12	103.29
26 05 36 00-1703 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	352.65 32.50	122.36
26 05 36 00-1704 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	396.46 35.56	143.44
26 05 36 00-1705 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	449.07 39.82	165.27
<b>26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1707 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	279.04 29.36	74.99
26 05 36 00-1708 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	335.89 34.16	97.36
26 05 36 00-1709 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	372.76 37.52	110.38
26 05 36 00-1710 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	416.57 40.47	132.08
26 05 36 00-1711 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	479.48 45.68	157.48
26 05 36 00-1712 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	530.96 49.12	183.16
<b>26 05 36 00-1713 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1714 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	327.85 27.14	132.28
26 05 36 00-1715 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	380.08 32.03	149.90
26 05 36 00-1716 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	421.94 35.75	165.27
26 05 36 00-1717 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	470.20 39.90	183.79
26 05 36 00-1718 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	555.89 46.68	220.21
26 05 36 00-1719 EA 36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	676.12 55.51	275.43

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1720			<b>24" Radius Horizontal Tees</b> (26 05 36 00-1649)		
26 05 36 00-1721	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....416.32	416.32	143.64
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	38.51	
26 05 36 00-1722	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....475.12	475.12	165.27
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	43.73	
26 05 36 00-1723	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....531.50	531.50	183.44
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.15	
26 05 36 00-1724	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....643.80	643.80	220.21
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	59.87	
26 05 36 00-1725	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....773.79	773.79	275.43
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.16	
26 05 36 00-1726	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....854.60	854.60	301.12
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	78.00	
26 05 36 00-1727			<b>36" Radius Horizontal Tees</b> (26 05 36 00-1649)		
26 05 36 00-1728	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....550.02	550.02	157.48
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	56.26	
26 05 36 00-1729	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....620.49	620.49	183.44
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	62.50	
26 05 36 00-1730	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....707.87	707.87	206.58
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	71.75	
26 05 36 00-1731	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....846.23	846.23	253.74
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	84.64	
26 05 36 00-1732	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,018.43	1,018.43	331.07
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	97.59	
26 05 36 00-1733	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....1,133.55	1,133.55	367.57
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	108.77	
26 05 36 00-1734			<b>12" Radius Vertical Tees</b> (26 05 36 00-1649)		
26 05 36 00-1735	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....373.43	373.43	132.28
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	33.97	
26 05 36 00-1736	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....406.49	406.49	150.11
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	35.95	
26 05 36 00-1737	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....424.81	424.81	157.20
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	37.52	
26 05 36 00-1738	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....448.63	448.63	164.98
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	39.80	
26 05 36 00-1739	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....494.60	494.60	183.44
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	43.61	
26 05 36 00-1740	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....566.74	566.74	220.21
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	48.31	
26 05 36 00-1741			<b>24" Radius Vertical Tees</b> (26 05 36 00-1649)		
26 05 36 00-1742	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....465.16	465.16	143.64
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	45.83	
26 05 36 00-1743	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....514.19	514.19	165.27
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.59	
26 05 36 00-1744	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....544.85	544.85	173.87
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	52.75	
26 05 36 00-1745	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....582.51	582.51	183.44
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	56.80	
26 05 36 00-1746	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....648.18	648.18	206.58
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	62.80	
26 05 36 00-1747	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....743.13	743.13	253.74
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	69.17	
26 05 36 00-1748			<b>36" Radius Vertical Tees</b> (26 05 36 00-1649)		
26 05 36 00-1749	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....614.74	614.74	157.20
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	66.01	
26 05 36 00-1750	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....671.01	671.01	181.24
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	70.45	
26 05 36 00-1751	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....714.28	714.28	194.18
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	74.78	
26 05 36 00-1752	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....745.85	745.85	206.58
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	77.45	
26 05 36 00-1753	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....827.14	827.14	235.85
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	84.77	
26 05 36 00-1754	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....548.18	548.18	300.23
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	32.18	
26 05 36 00-1755			<b>12" Radius Horizontal Crosses</b> (26 05 36 00-1649)		
26 05 36 00-1756	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....386.96	386.96	150.11
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	33.02	
26 05 36 00-1757	EA		12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....429.54	429.54	165.27
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	36.89	
26 05 36 00-1758	EA		18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....499.40	499.40	194.18
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	42.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1759 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	592.72	235.85
For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.61	
26 05 36 00-1760 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	648.71	253.74
For 4-5/8" Overall Height Instead Of 3-5/8", Add	55.01	
26 05 36 00-1761 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	751.49	301.12
For 4-5/8" Overall Height Instead Of 3-5/8", Add	62.54	
<b>26 05 36 00-1762 24" Radius Horizontal Crosses</b> (26 05 36 00-1649)		
26 05 36 00-1763 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	514.63	165.54
For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.61	
26 05 36 00-1764 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	582.51	183.44
For 4-5/8" Overall Height Instead Of 3-5/8", Add	56.80	
26 05 36 00-1765 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	667.67	220.21
For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.45	
26 05 36 00-1766 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	823.86	276.19
For 4-5/8" Overall Height Instead Of 3-5/8", Add	77.55	
26 05 36 00-1767 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	903.43	301.12
For 4-5/8" Overall Height Instead Of 3-5/8", Add	85.33	
26 05 36 00-1768 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	1,030.45	367.57
For 4-5/8" Overall Height Instead Of 3-5/8", Add	93.31	
<b>26 05 36 00-1769 36" Radius Horizontal Crosses</b> (26 05 36 00-1649)		
26 05 36 00-1770 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	712.74	183.44
For 4-5/8" Overall Height Instead Of 3-5/8", Add	76.34	
26 05 36 00-1771 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	783.84	206.58
For 4-5/8" Overall Height Instead Of 3-5/8", Add	83.15	
26 05 36 00-1772 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	912.38	254.44
For 4-5/8" Overall Height Instead Of 3-5/8", Add	94.46	
26 05 36 00-1773 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	1,083.55	331.07
For 4-5/8" Overall Height Instead Of 3-5/8", Add	107.36	
26 05 36 00-1774 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	1,187.82	367.57
For 4-5/8" Overall Height Instead Of 3-5/8", Add	116.91	
26 05 36 00-1775 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	1,361.45	413.15
For 4-5/8" Overall Height Instead Of 3-5/8", Add	135.36	
<b>26 05 36 00-1776 Straight Reducers</b> (26 05 36 00-1649)		
26 05 36 00-1777 EA 12"-6" Reducer, Solid Bottom, Aluminum Cable Tray.....	146.04	47.24
For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.03	
26 05 36 00-1778 EA 18"-12" Reducer, Solid Bottom, Aluminum Cable Tray.....	161.13	55.02
For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.00	
26 05 36 00-1779 EA 24"-18" Reducer, Solid Bottom, Aluminum Cable Tray.....	177.57	62.25
For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.26	
26 05 36 00-1780 EA 30"-24" Reducer, Solid Bottom, Aluminum Cable Tray.....	200.02	71.82
For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.03	
26 05 36 00-1781 EA 36"-30" Reducer, Solid Bottom, Aluminum Cable Tray.....	222.15	82.49
For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.57	
<b>26 05 36 00-1782 Reducers</b> (26 05 36 00-1649)		
26 05 36 00-1783 EA 18"-6" Reducer, Solid Bottom, Aluminum Cable Tray.....	160.09	55.02
For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.84	
26 05 36 00-1784 EA 24"-12" Reducer, Solid Bottom, Aluminum Cable Tray.....	176.66	62.39
For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.10	
26 05 36 00-1785 EA 30"-12" Reducer, Solid Bottom, Aluminum Cable Tray.....	197.77	71.75
For 4-5/8" Overall Height Instead Of 3-5/8", Add	17.70	
26 05 36 00-1786 EA 30"-18" Reducer, Solid Bottom, Aluminum Cable Tray.....	198.77	71.75
For 4-5/8" Overall Height Instead Of 3-5/8", Add	17.86	
26 05 36 00-1787 EA 36"-12" Reducer, Solid Bottom, Aluminum Cable Tray.....	222.15	82.49
For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.57	
26 05 36 00-1788 EA 36"-18" Reducer, Solid Bottom, Aluminum Cable Tray.....	223.24	82.49
For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.74	
26 05 36 00-1789 EA 36"-24" Reducer, Solid Bottom, Aluminum Cable Tray.....	225.63	82.63
For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.07	
<b>26 05 36 00-1790 Dropout Or End Plate</b> (26 05 36 00-1649)		
26 05 36 00-1791 EA 6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	48.16	20.66
26 05 36 00-1792 EA 12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	57.52	25.20
26 05 36 00-1793 EA 18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	68.41	29.88
26 05 36 00-1794 EA 24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	75.55	33.05
26 05 36 00-1795 EA 30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	85.03	36.70
26 05 36 00-1796 EA 36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	96.53	41.31
<b>26 05 36 00-1797 Vented Bottom Cable Tray</b> (26 05 36 00-0001)		
Note: 6" Height.		
<b>26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray</b> (26 05 36 00-1797)		
26 05 36 00-1799 LF 6" Vented Bottom Steel Cable Tray, Straight Section.....	22.50	7.23
For 4-5/8" Overall Height Instead Of 6", Deduct	-1.65	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1800 LF 12" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	26.47 -1.96	8.26
26 05 36 00-1801 LF 18" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	31.15 -2.32	9.51
26 05 36 00-1802 LF 24" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	35.75 -2.67	10.88
26 05 36 00-1803 LF 30" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	47.16 -3.62	13.16
26 05 36 00-1804 LF 36" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	55.79 -4.20	16.52
<b>26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-1797)</b>		
<b>26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1807 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	209.22 -13.67	87.03
26 05 36 00-1808 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	272.48 -17.43	117.75
26 05 36 00-1809 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	337.80 -21.27	150.11
26 05 36 00-1810 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	414.31 -26.12	183.79
26 05 36 00-1811 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	467.37 -29.49	206.99
26 05 36 00-1812 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	535.51 -33.85	236.33
<b>26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1814 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	247.67 -17.12	91.72
26 05 36 00-1815 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	321.19 -21.52	127.18
26 05 36 00-1816 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	407.41 -26.97	165.27
26 05 36 00-1817 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	493.08 -32.09	206.58
26 05 36 00-1818 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	527.26 -34.94	213.39
26 05 36 00-1819 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	658.24 -42.87	275.43
<b>26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1821 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	303.22 -22.24	96.95
26 05 36 00-1822 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	391.82 -27.69	137.92
26 05 36 00-1823 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	500.70 -34.75	183.79
26 05 36 00-1824 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	598.21 -40.17	235.85
26 05 36 00-1825 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	689.43 -45.99	275.43
26 05 36 00-1826 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	806.76 -53.18	329.97
<b>26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1828 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	195.22 -12.26	87.10
26 05 36 00-1829 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	255.72 -15.76	117.75
26 05 36 00-1830 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	318.17 -19.32	149.90
26 05 36 00-1831 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	389.99 -23.71	183.44
26 05 36 00-1832 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	440.44 -26.80	206.99
26 05 36 00-1833 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	503.47 -30.70	235.85
<b>26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1835 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	226.96 -15.05	91.79
26 05 36 00-1836 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	297.17 -19.12	127.18
26 05 36 00-1837 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	378.82 -24.09	165.54
26 05 36 00-1838 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	460.35 -28.82	206.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1839 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	527.76 -33.08	236.33
26 05 36 00-1840 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	614.42 -38.49	275.43
<b>26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1842 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	272.39 -19.14	97.16
26 05 36 00-1843 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	355.58 -24.10	137.51
26 05 36 00-1844 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.93 -30.48	183.79
26 05 36 00-1845 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	553.97 -35.70	236.33
26 05 36 00-1846 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	638.75 -40.92	275.43
26 05 36 00-1847 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	752.04 -47.62	331.07
<b>26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1849 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	227.45 -15.51	86.76
26 05 36 00-1850 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	288.68 -19.05	117.75
26 05 36 00-1851 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	343.80 -21.87	150.11
26 05 36 00-1852 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	413.11 -26.00	183.79
26 05 36 00-1853 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	454.17 -28.17	206.99
26 05 36 00-1854 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	508.22 -31.17	235.85
<b>26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1856 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	271.67 -19.52	91.72
26 05 36 00-1857 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	337.99 -23.20	127.18
26 05 36 00-1858 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	414.61 -27.69	165.27
26 05 36 00-1859 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	488.28 -31.61	206.58
26 05 36 00-1860 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	555.01 -35.85	235.85
26 05 36 00-1861 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	628.24 -39.87	275.43
<b>26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1863 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	322.42 -24.16	96.95
26 05 36 00-1864 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	400.22 -28.53	137.92
26 05 36 00-1865 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	495.90 -34.27	183.79
26 05 36 00-1866 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	595.81 -39.93	235.85
26 05 36 00-1867 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	666.64 -43.71	275.43
26 05 36 00-1868 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	780.36 -50.54	329.97
<b>26 05 36 00-1869 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1870 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	372.62 -23.49	165.27
26 05 36 00-1871 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	451.60 -27.98	206.17
26 05 36 00-1872 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	516.32 -31.94	236.33
26 05 36 00-1873 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	600.64 -37.11	275.43
26 05 36 00-1874 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	662.41 -41.22	300.23
26 05 36 00-1875 EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	727.57 -45.26	329.97
<b>26 05 36 00-1876 24" Radius Horizontal Tees</b> <small>(26 05 36 00-1805)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1877	EA		6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	466.54	183.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.37	
26 05 36 00-1878	EA		12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	568.21	235.85
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.17	
26 05 36 00-1879	EA		18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	654.64	275.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.51	
26 05 36 00-1880	EA		24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	804.36	329.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.94	
26 05 36 00-1881	EA		30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	888.59	367.57
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.23	
26 05 36 00-1882	EA		36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	993.34	413.15
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.91	
<b>26 05 36 00-1883</b>			<b>36" Radius Horizontal Tees</b> (26 05 36 00-1805)		
26 05 36 00-1884	EA		6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	574.67	206.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-40.25	
26 05 36 00-1885	EA		12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	721.83	275.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.23	
26 05 36 00-1886	EA		18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	838.53	331.07
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.27	
26 05 36 00-1887	EA		24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,034.14	413.15
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-68.99	
26 05 36 00-1888	EA		30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,155.63	473.82
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-76.08	
26 05 36 00-1889	EA		36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,347.63	549.42
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-88.98	
<b>26 05 36 00-1890</b>			<b>12" Radius Vertical Tees</b> (26 05 36 00-1805)		
26 05 36 00-1891	EA		6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	437.41	165.27
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-29.97	
26 05 36 00-1892	EA		12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	508.68	206.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.65	
26 05 36 00-1893	EA		18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	535.03	220.21
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-35.15	
26 05 36 00-1894	EA		24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	570.61	235.85
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.41	
26 05 36 00-1895	EA		30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	612.38	254.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-40.04	
26 05 36 00-1896	EA		36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	692.41	300.23
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-44.22	
<b>26 05 36 00-1897</b>			<b>24" Radius Vertical Tees</b> (26 05 36 00-1805)		
26 05 36 00-1898	EA		6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	522.93	183.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.01	
26 05 36 00-1899	EA		12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	621.00	235.85
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.45	
26 05 36 00-1900	EA		18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	662.77	254.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-45.08	
26 05 36 00-1901	EA		24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	715.83	275.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-48.63	
26 05 36 00-1902	EA		30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	770.40	300.23
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.02	
26 05 36 00-1903	EA		36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	905.39	367.57
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-59.91	
<b>26 05 36 00-1904</b>			<b>36" Radius Vertical Tees</b> (26 05 36 00-1805)		
26 05 36 00-1905	EA		6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	689.17	206.17
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-51.74	
26 05 36 00-1906	EA		12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	813.02	275.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.35	
26 05 36 00-1907	EA		18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	866.39	300.23
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.62	
26 05 36 00-1908	EA		24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	941.71	331.07
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-66.58	
26 05 36 00-1909	EA		30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,062.57	367.57
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-75.63	
26 05 36 00-1910	EA		36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,242.01	471.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-84.90	
<b>26 05 36 00-1911</b>			<b>12" Radius Horizontal Crosses</b> (26 05 36 00-1805)		
26 05 36 00-1912	EA		6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	469.09	206.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-29.69	
26 05 36 00-1913	EA		12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	519.92	236.33
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-32.30	
26 05 36 00-1914	EA		18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	599.44	275.43
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-36.99	
26 05 36 00-1915	EA		24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	697.57	329.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.26	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1916 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	776.02 -47.08	366.26
26 05 36 00-1917 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	874.56 -53.03	413.15
<b>26 05 36 00-1918 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1919 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	589.51 -39.25	236.33
26 05 36 00-1920 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	664.24 -43.47	275.43
26 05 36 00-1921 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	775.56 -50.06	329.97
26 05 36 00-1922 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	975.35 -63.11	413.15
26 05 36 00-1923 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,102.82 -70.98	471.61
26 05 36 00-1924 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,251.64 -79.38	549.42
<b>26 05 36 00-1925 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1926 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	789.02 -55.95	275.43
26 05 36 00-1927 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	898.52 -62.26	331.07
26 05 36 00-1928 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,042.54 -69.83	413.15
26 05 36 00-1929 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,346.52 -88.62	552.32
26 05 36 00-1930 EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,571.45 -101.97	662.07
26 05 36 00-1931 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,881.11 -119.25	826.31
<b>26 05 36 00-1932 Straight Reducers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1933 EA 12"-6" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	177.86 -11.92	70.37
26 05 36 00-1934 EA 18"-12" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	194.00 -12.85	78.63
26 05 36 00-1935 EA 24"-18" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	219.94 -14.36	91.65
26 05 36 00-1936 EA 30"-24" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	241.73 -15.57	103.29
26 05 36 00-1937 EA 36"-30" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	263.98 -16.92	113.76
<b>26 05 36 00-1938 Reducers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1939 EA 18"-6" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	194.00 -12.85	78.63
26 05 36 00-1940 EA 24"-12" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	219.01 -14.25	91.79
26 05 36 00-1941 EA 30"-12" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	240.36 -15.44	103.15
26 05 36 00-1942 EA 30"-18" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	241.39 -15.55	103.08
26 05 36 00-1943 EA 36"-12" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	262.78 -16.80	113.76
26 05 36 00-1944 EA 36"-18" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	263.98 -16.92	113.76
26 05 36 00-1945 EA 36"-24" Reducer, Vented Bottom, Steel Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	265.60 -17.06	114.03
<b>26 05 36 00-1946 Dropout Or End Plate</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1947 EA 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	56.80	25.41
26 05 36 00-1948 EA 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	67.35	29.82
26 05 36 00-1949 EA 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	74.24	32.92
26 05 36 00-1950 EA 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	83.47	36.70
26 05 36 00-1951 EA 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	92.66	41.25
26 05 36 00-1952 EA 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	108.61	49.30
<b>26 05 36 00-1953 Vented Bottom Aluminum Cable Tray</b> <small>(26 05 36 00-1797)</small>		
26 05 36 00-1954 LF 6" Vented Bottom Aluminum Cable Tray, Straight Section .....	20.40 -1.59	5.37
26 05 36 00-1955 LF 9" Vented Bottom Aluminum Cable Tray, Straight Section .....	22.64 -1.77	5.93
26 05 36 00-1956 LF 12" Vented Bottom Aluminum Cable Tray, Straight Section .....	25.33 -1.98	6.61

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1957	LF		18" Vented Bottom Aluminum Cable Tray, Straight Section .....	29.47	7.37
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-2.33	
26 05 36 00-1958	LF		24" Vented Bottom Aluminum Cable Tray, Straight Section .....	33.80	8.19
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-2.70	
26 05 36 00-1959	LF		30" Vented Bottom Aluminum Cable Tray, Straight Section .....	42.84	9.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-3.50	
26 05 36 00-1960	LF		36" Vented Bottom Aluminum Cable Tray, Straight Section .....	47.72	11.09
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-3.85	
<b>26 05 36 00-1961</b>			<b>Vented Bottom Aluminum Cable Tray Fittings</b> <small>(26 05 36 00-1977)</small>		
<b>26 05 36 00-1962</b>			<b>90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-1963	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	219.91	87.03
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.74	
26 05 36 00-1964	EA		9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	238.90	94.47
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-16.02	
26 05 36 00-1965	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	264.11	106.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-17.55	
26 05 36 00-1966	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	297.45	117.89
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-19.92	
26 05 36 00-1967	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	356.97	143.85
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-23.71	
26 05 36 00-1968	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	420.21	165.54
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-28.23	
26 05 36 00-1969	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	463.69	183.79
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.05	
<b>26 05 36 00-1970</b>			<b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-1971	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	261.41	91.72
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-18.50	
26 05 36 00-1972	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	316.99	114.03
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-22.20	
26 05 36 00-1973	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	358.51	127.18
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-25.25	
26 05 36 00-1974	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	429.15	157.20
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-29.81	
26 05 36 00-1975	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	496.23	183.16
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.36	
26 05 36 00-1976	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	550.50	206.58
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.84	
<b>26 05 36 00-1977</b>			<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-1978	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	314.66	96.95
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-23.38	
26 05 36 00-1979	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	378.94	122.50
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-27.68	
26 05 36 00-1980	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	428.45	137.92
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.35	
26 05 36 00-1981	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	506.87	173.87
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-36.20	
26 05 36 00-1982	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	535.87	168.49
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-39.55	
26 05 36 00-1983	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	669.78	235.85
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.33	
<b>26 05 36 00-1984</b>			<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-1985	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	203.56	87.10
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-13.10	
26 05 36 00-1986	EA		9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	221.13	94.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.23	
26 05 36 00-1987	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	245.01	106.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-15.64	
26 05 36 00-1988	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	275.02	117.75
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-17.69	
26 05 36 00-1989	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	330.84	143.64
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-21.11	
26 05 36 00-1990	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	388.46	165.54
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-25.05	
26 05 36 00-1991	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	428.51	183.44
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-27.56	
<b>26 05 36 00-1992</b>			<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-1993	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	237.67	91.79
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-16.12	
26 05 36 00-1994	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	289.05	114.03
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-19.40	
26 05 36 00-1995	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	326.54	127.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-22.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1996 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	392.78 -26.16	157.48
26 05 36 00-1997 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	455.31 -30.22	183.79
26 05 36 00-1998 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	505.14 -33.30	206.58
<b>26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	281.31 -20.03	97.16
26 05 36 00-2001 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	340.02 -23.82	122.22
26 05 36 00-2002 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	384.75 -26.98	137.92
26 05 36 00-2003 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	459.60 -31.45	174.21
26 05 36 00-2004 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	523.12 -36.10	194.52
26 05 36 00-2005 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	609.79 -41.28	236.33
<b>26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	235.82 -16.35	86.76
26 05 36 00-2008 EA 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	253.66 -17.51	94.26
26 05 36 00-2009 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	274.97 -18.63	106.39
26 05 36 00-2010 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	297.45 -19.92	117.89
26 05 36 00-2011 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	351.54 -23.17	143.85
26 05 36 00-2012 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	393.08 -25.51	165.54
26 05 36 00-2013 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	424.06 -27.12	183.44
<b>26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	275.52 -19.91	91.72
26 05 36 00-2016 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	323.50 -22.85	114.03
26 05 36 00-2017 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	357.43 -25.14	127.18
26 05 36 00-2018 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	410.02 -27.88	157.48
26 05 36 00-2019 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	460.96 -30.81	183.44
26 05 36 00-2020 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	507.09 -33.49	206.58
<b>26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2022 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	313.58 -23.28	96.95
26 05 36 00-2023 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	367.00 -26.49	122.50
26 05 36 00-2024 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	412.17 -29.73	137.92
26 05 36 00-2025 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	487.33 -34.24	173.87
26 05 36 00-2026 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	541.25 -37.92	194.52
26 05 36 00-2027 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	616.60 -42.01	235.85
<b>26 05 36 00-2028 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	389.38 -25.17	165.27
26 05 36 00-2030 EA 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	407.02 -26.21	173.87
26 05 36 00-2031 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	432.20 -27.96	183.16
26 05 36 00-2032 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	492.58 -32.01	206.99
26 05 36 00-2033 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	562.33 -36.58	235.85
26 05 36 00-2034 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	640.30 -41.08	275.43

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2035	EA		36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	706.63 -45.64	300.23
<b>26 05 36 00-2036</b>			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037	EA		6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.40 -32.65	183.44
26 05 36 00-2038	EA		12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	541.13 -36.93	206.17
26 05 36 00-2039	EA		18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	610.09 -41.36	235.85
26 05 36 00-2040	EA		24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	729.15 -50.02	274.68
26 05 36 00-2041	EA		30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	844.79 -56.89	331.07
26 05 36 00-2042	EA		36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	954.48 -64.82	367.57
<b>26 05 36 00-2043</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044	EA		6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	623.22 -45.11	206.58
26 05 36 00-2045	EA		12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	713.19 -51.67	235.85
26 05 36 00-2046	EA		18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	746.97 -55.53	230.06
26 05 36 00-2047	EA		24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	973.25 -69.83	329.97
26 05 36 00-2048	EA		30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,141.74 -79.61	414.81
26 05 36 00-2049	EA		36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,306.99 -91.40	471.61
<b>26 05 36 00-2050</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051	EA		6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	431.71 -29.40	165.27
26 05 36 00-2052	EA		9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	447.18 -30.23	173.87
26 05 36 00-2053	EA		12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	475.06 -32.22	183.44
26 05 36 00-2054	EA		18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	494.58 -33.25	194.52
26 05 36 00-2055	EA		24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	518.34 -34.65	206.17
26 05 36 00-2056	EA		30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	549.38 -36.59	220.21
26 05 36 00-2057	EA		36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	612.89 -40.14	253.74
<b>26 05 36 00-2058</b>			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059	EA		6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	527.16 -37.43	183.44
26 05 36 00-2060	EA		12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	582.37 -41.06	206.17
26 05 36 00-2061	EA		18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	622.09 -43.86	220.21
26 05 36 00-2062	EA		24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	664.35 -46.78	235.85
26 05 36 00-2063	EA		30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	716.00 -50.45	253.74
26 05 36 00-2064	EA		36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	800.33 -54.94	301.12
<b>26 05 36 00-2065</b>			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2066	EA		6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	685.47 -51.37	206.17
26 05 36 00-2067	EA		12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	756.60 -56.01	235.85
26 05 36 00-2068	EA		18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	797.39 -58.59	253.74
26 05 36 00-2069	EA		24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	861.84 -63.17	276.19
26 05 36 00-2070	EA		30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	935.99 -68.51	301.12
26 05 36 00-2071	EA		36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,066.26 -76.10	366.26
<b>26 05 36 00-2072</b>			<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1961)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2073 EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	447.93	183.44
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-29.51	
26 05 36 00-2074 EA 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	476.13	194.52
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.40	
26 05 36 00-2075 EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	501.26	206.99
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-32.88	
26 05 36 00-2076 EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	556.91	235.85
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-36.04	
26 05 36 00-2077 EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	640.16	274.68
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.12	
26 05 36 00-2078 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	720.37	299.40
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.09	
26 05 36 00-2079 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	879.60	367.57
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-57.33	
<b>26 05 36 00-2080 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2081 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	600.02	206.99
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.75	
26 05 36 00-2082 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	671.95	235.85
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.54	
26 05 36 00-2083 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	758.45	274.68
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.95	
26 05 36 00-2084 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	897.28	329.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.23	
26 05 36 00-2085 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	984.86	366.26
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.96	
26 05 36 00-2086 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,209.32	471.61
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-81.63	
<b>26 05 36 00-2087 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2088 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	810.86	235.85
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.43	
26 05 36 00-2089 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	905.25	276.19
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.51	
26 05 36 00-2090 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,032.94	329.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-75.79	
26 05 36 00-2091 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,250.27	414.81
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-90.46	
26 05 36 00-2092 EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,397.43	473.82
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-100.26	
26 05 36 00-2093 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,621.11	549.42
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-116.33	
<b>26 05 36 00-2094 Straight Reducers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2095 EA 9"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	161.32	55.09
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-11.54	
26 05 36 00-2096 EA 12"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	169.42	58.05
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-12.11	
26 05 36 00-2097 EA 18"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	192.83	68.79
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-13.55	
26 05 36 00-2098 EA 24"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	214.48	78.57
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.90	
26 05 36 00-2099 EA 30"-24" Reducer, Vented Bottom, Aluminum Cable Tray.....	238.76	91.79
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-16.23	
26 05 36 00-2100 EA 36"-30" Reducer, Vented Bottom, Aluminum Cable Tray.....	260.79	103.08
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-17.49	
<b>26 05 36 00-2101 Reducers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2102 EA 12"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	169.26	57.91
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-12.10	
26 05 36 00-2103 EA 18"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	192.75	68.79
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-13.54	
26 05 36 00-2104 EA 18"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	192.75	68.79
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-13.54	
26 05 36 00-2105 EA 24"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	214.58	78.63
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.91	
26 05 36 00-2106 EA 24"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	214.58	78.63
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.91	
26 05 36 00-2107 EA 24"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	214.78	78.70
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-14.92	
26 05 36 00-2108 EA 30"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	240.79	91.72
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-16.44	
26 05 36 00-2109 EA 30"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	238.49	91.65
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-16.21	
26 05 36 00-2110 EA 36"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	260.79	103.08
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-17.49	
26 05 36 00-2111 EA 36"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	260.79	103.08
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-17.49	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2112 EA 36"-24" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	261.13 -17.51	103.29
<b>26 05 36 00-2113 Dropout Or End Plate</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2114 EA 6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	56.56	25.41
26 05 36 00-2115 EA 9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	61.72	27.75
26 05 36 00-2116 EA 12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	66.47	29.82
26 05 36 00-2117 EA 18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	75.10	32.92
26 05 36 00-2118 EA 24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	85.63	36.70
26 05 36 00-2119 EA 30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	94.83	41.25
26 05 36 00-2120 EA 36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	108.56	47.24
<b>26 05 36 00-2121 Covers And Dividers</b> <small>(26 05 36 00-0001)</small>		
<b>26 05 36 00-2122 Galvanized Steel Covers</b> <small>(26 05 36 00-2121)</small>		
<b>26 05 36 00-2123 Ventilated Straight Sections</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2124 LF 6" Steel Cable Tray Cover, Straight Section .....	5.88	1.24
26 05 36 00-2125 LF 9" Steel Cable Tray Cover, Straight Section .....	7.09	1.44
26 05 36 00-2126 LF 12" Steel Cable Tray Cover, Straight Section .....	8.33	1.65
26 05 36 00-2127 LF 18" Steel Cable Tray Cover, Straight Section .....	11.29	2.21
26 05 36 00-2128 LF 24" Steel Cable Tray Cover, Straight Section .....	14.32	2.96
26 05 36 00-2129 LF 30" Steel Cable Tray Cover, Straight Section .....	17.39	3.65
26 05 36 00-2130 LF 36" Steel Cable Tray Cover, Straight Section .....	81.90	41.38
<b>26 05 36 00-2131 90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2132 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	35.57	4.41
26 05 36 00-2133 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	39.80	5.16
26 05 36 00-2134 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	43.17	6.13
26 05 36 00-2135 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	58.67	7.85
26 05 36 00-2136 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	71.87	9.99
26 05 36 00-2137 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	86.81	11.09
26 05 36 00-2138 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	104.85	13.23
<b>26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2140 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	54.91	4.89
26 05 36 00-2141 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	57.50	5.72
26 05 36 00-2142 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	64.90	6.89
26 05 36 00-2143 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	80.52	8.74
26 05 36 00-2144 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	98.78	11.02
26 05 36 00-2145 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	126.76	12.67
26 05 36 00-2146 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	147.46	15.01
<b>26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2148 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	77.52	5.50
26 05 36 00-2149 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	86.20	6.34
26 05 36 00-2150 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	93.50	7.85
26 05 36 00-2151 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	118.49	9.15
26 05 36 00-2152 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	143.58	12.73
26 05 36 00-2153 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	169.14	14.39
26 05 36 00-2154 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	197.88	16.52
<b>26 05 36 00-2155 45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2156 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	27.42 -12.50 -7.35	4.41
26 05 36 00-2157 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	32.60 -14.92 -8.78	5.16
26 05 36 00-2158 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	36.57 -16.55 -9.73	6.13
26 05 36 00-2159 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	44.30 -19.99 -11.74	7.51
26 05 36 00-2160 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	51.72 -23.36 -13.73	8.67
26 05 36 00-2161 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	60.48 -27.42 -16.12	9.99
26 05 36 00-2162 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	67.56 -30.73 -18.07	11.02



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-2163</b> <b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2164    EA    6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	37.52 -17.79 -10.51	4.89
26 05 36 00-2165    EA    9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	42.51 -20.05 -11.84	5.72
26 05 36 00-2166    EA    12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	48.71 -22.76 -13.43	6.89
26 05 36 00-2167    EA    18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	56.40 -26.19 -15.44	8.26
26 05 36 00-2168    EA    24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	64.96 -30.21 -17.81	9.44
26 05 36 00-2169    EA    30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	80.80 -38.00 -22.43	11.02
26 05 36 00-2170    EA    36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	89.60 -41.86 -24.69	12.73
<b>26 05 36 00-2171</b> <b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2172    EA    6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	51.75 -25.26 -14.97	5.50
26 05 36 00-2173    EA    9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	58.60 -28.52 -16.90	6.34
26 05 36 00-2174    EA    12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	65.86 -31.65 -18.73	7.85
26 05 36 00-2175    EA    18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	75.14 -36.23 -21.45	8.74
26 05 36 00-2176    EA    24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	91.58 -44.14 -26.13	10.67
26 05 36 00-2177    EA    30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	101.60 -48.46 -28.65	12.73
26 05 36 00-2178    EA    36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 30 Degree Bend, Deduct</i> <i>For 60 Degree Bend, Deduct</i>	120.16 -58.05 -34.37	13.77
<b>26 05 36 00-2179</b> <b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2180    EA    6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2181    EA    9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2182    EA    12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2183    EA    18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2184    EA    24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2185    EA    30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2186    EA    36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	30.87 32.60 35.97 41.92 46.19 51.42 64.61	4.41 5.16 6.13 7.51 9.71 11.09 13.23
<b>26 05 36 00-2187</b> <b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2188    EA    6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2189    EA    9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2190    EA    12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2191    EA    18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2192    EA    24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2193    EA    30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2194    EA    36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	36.92 41.31 44.51 57.56 66.96 76.98 88.66	4.89 5.72 6.89 8.26 10.67 12.73 15.01
<b>26 05 36 00-2195</b> <b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2196    EA    6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2197    EA    9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2198    EA    12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2199    EA    18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2200    EA    24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2201    EA    30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2202    EA    36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	42.73 53.21 61.10 75.13 87.54 104.35 122.29	5.50 6.34 7.85 8.74 12.19 14.39 16.52
<b>26 05 36 00-2203</b> <b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2204    EA    6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2205    EA    9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover ..... 26 05 36 00-2206    EA    12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	54.58 57.56 65.34	7.16 8.26 9.71

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2207	EA		18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	78.40	11.02
26 05 36 00-2208	EA		24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	96.80	12.73
26 05 36 00-2209	EA		30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	119.34	18.32
26 05 36 00-2210	EA		36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	143.43	21.97
<b>26 05 36 00-2211</b>			<b>24" Radius Horizontal Tees</b> (26 05 36 00-2122)		
26 05 36 00-2212	EA		6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	79.71	7.51
26 05 36 00-2213	EA		9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	91.33	8.74
26 05 36 00-2214	EA		12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	96.39	10.33
26 05 36 00-2215	EA		18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	121.68	11.84
26 05 36 00-2216	EA		24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	178.87	13.77
26 05 36 00-2217	EA		30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	212.03	20.66
26 05 36 00-2218	EA		36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	237.92	25.41
<b>26 05 36 00-2219</b>			<b>36" Radius Horizontal Tees</b> (26 05 36 00-2122)		
26 05 36 00-2220	EA		6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	134.28	7.85
26 05 36 00-2221	EA		9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	138.88	9.15
26 05 36 00-2222	EA		12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	155.16	11.02
26 05 36 00-2223	EA		18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	182.02	12.73
26 05 36 00-2224	EA		24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	236.25	15.01
26 05 36 00-2225	EA		30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	268.62	23.68
26 05 36 00-2226	EA		36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	310.29	29.95
<b>26 05 36 00-2227</b>			<b>12" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2228	EA		6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	79.77	9.71
26 05 36 00-2229	EA		9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	84.41	10.33
26 05 36 00-2230	EA		12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	93.40	11.02
26 05 36 00-2231	EA		18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	110.00	12.73
26 05 36 00-2232	EA		24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	138.51	18.32
26 05 36 00-2233	EA		30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	160.19	21.97
26 05 36 00-2234	EA		36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	183.30	23.61
<b>26 05 36 00-2235</b>			<b>24" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2236	EA		6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	138.43	10.33
26 05 36 00-2237	EA		9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	150.37	11.02
26 05 36 00-2238	EA		12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	161.27	11.84
26 05 36 00-2239	EA		18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	192.07	13.77
26 05 36 00-2240	EA		24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	240.81	20.66
26 05 36 00-2241	EA		30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	275.06	25.41
26 05 36 00-2242	EA		36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	307.37	27.47
<b>26 05 36 00-2243</b>			<b>36" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2244	EA		6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	221.16	11.02
26 05 36 00-2245	EA		9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	229.67	11.84
26 05 36 00-2246	EA		12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	242.01	12.73
26 05 36 00-2247	EA		18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	279.44	15.01
26 05 36 00-2248	EA		24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	363.38	23.61
26 05 36 00-2249	EA		30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	398.11	30.09
26 05 36 00-2250	EA		36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	427.05	33.05
<b>26 05 36 00-2251</b>			<b>Reducers</b> (26 05 36 00-2122)		
26 05 36 00-2252	EA		9"-6" Reducer, Steel Cable Tray Covers.....	35.61	5.16
26 05 36 00-2253	EA		12"-6" Reducer, Steel Cable Tray Covers.....	38.39	6.13
26 05 36 00-2254	EA		12"-9" Reducer, Steel Cable Tray Covers.....	38.39	6.13
26 05 36 00-2255	EA		18"-6" Reducer, Steel Cable Tray Covers.....	42.52	7.51
26 05 36 00-2256	EA		18"-12" Reducer, Steel Cable Tray Covers.....	42.52	7.51
26 05 36 00-2257	EA		24"-12" Reducer, Steel Cable Tray Covers.....	52.17	8.26
26 05 36 00-2258	EA		24"-18" Reducer, Steel Cable Tray Covers.....	55.77	8.26
26 05 36 00-2259	EA		30"-12" Reducer, Steel Cable Tray Covers.....	54.15	9.44
26 05 36 00-2260	EA		30"-18" Reducer, Steel Cable Tray Covers.....	57.75	9.44
26 05 36 00-2261	EA		30"-24" Reducer, Steel Cable Tray Covers.....	60.14	9.44
26 05 36 00-2262	EA		36"-12" Reducer, Steel Cable Tray Covers.....	62.77	10.33
26 05 36 00-2263	EA		36"-18" Reducer, Steel Cable Tray Covers.....	63.97	10.33
26 05 36 00-2264	EA		36"-24" Reducer, Steel Cable Tray Covers.....	65.17	10.33
26 05 36 00-2265	EA		36"-30" Reducer, Steel Cable Tray Covers.....	65.77	10.33
<b>26 05 36 00-2266</b>			<b>Aluminum Covers</b> (26 05 36 00-2121)		
<b>26 05 36 00-2267</b>			<b>Ventilated Straight Sections</b> (26 05 36 00-2266)		
26 05 36 00-2268	LF		6" Aluminum Cable Tray Cover, Straight Section.....	5.41	1.24
26 05 36 00-2269	LF		9" Aluminum Cable Tray Cover, Straight Section.....	6.43	1.44
26 05 36 00-2270	LF		12" Aluminum Cable Tray Cover, Straight Section.....	7.53	1.65
26 05 36 00-2271	LF		18" Aluminum Cable Tray Cover, Straight Section.....	10.02	2.21





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2272 LF 24" Aluminum Cable Tray Cover, Straight Section .....	12.94	2.96
26 05 36 00-2273 LF 30" Aluminum Cable Tray Cover, Straight Section .....	14.85	3.65
26 05 36 00-2274 LF 36" Aluminum Cable Tray Cover, Straight Section .....	78.28	41.38
<b>26 05 36 00-2275 90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2276 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	32.33	4.41
26 05 36 00-2277 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	34.65	5.16
26 05 36 00-2278 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	38.39	6.13
26 05 36 00-2279 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	49.98	7.85
26 05 36 00-2280 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	63.35	9.99
26 05 36 00-2281 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	74.31	11.09
26 05 36 00-2282 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	90.43	13.23
<b>26 05 36 00-2283 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2284 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	42.31	4.89
26 05 36 00-2285 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	51.84	5.72
26 05 36 00-2286 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	58.18	6.89
26 05 36 00-2287 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	69.88	8.74
26 05 36 00-2288 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	86.76	11.02
26 05 36 00-2289 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	104.74	12.67
26 05 36 00-2290 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	128.17	15.01
<b>26 05 36 00-2291 90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2292 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	67.74	5.50
26 05 36 00-2293 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	74.64	6.34
26 05 36 00-2294 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	85.82	7.85
26 05 36 00-2295 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	102.12	9.15
26 05 36 00-2296 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	126.46	12.73
26 05 36 00-2297 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	145.51	14.39
26 05 36 00-2298 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	169.67	16.52
<b>26 05 36 00-2299 45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2300 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	25.83	4.41
<i>For 30 Degree Bend, Deduct</i>	-11.62	
<i>For 60 Degree Bend, Deduct</i>	-6.83	
26 05 36 00-2301 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	27.59	5.16
<i>For 30 Degree Bend, Deduct</i>	-12.16	
<i>For 60 Degree Bend, Deduct</i>	-7.13	
26 05 36 00-2302 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	31.44	6.13
<i>For 30 Degree Bend, Deduct</i>	-13.73	
<i>For 60 Degree Bend, Deduct</i>	-8.04	
26 05 36 00-2303 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	36.92	7.51
<i>For 30 Degree Bend, Deduct</i>	-15.93	
<i>For 60 Degree Bend, Deduct</i>	-9.31	
26 05 36 00-2304 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	41.65	8.67
<i>For 30 Degree Bend, Deduct</i>	-17.83	
<i>For 60 Degree Bend, Deduct</i>	-10.40	
26 05 36 00-2305 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	50.88	9.99
<i>For 30 Degree Bend, Deduct</i>	-22.14	
<i>For 60 Degree Bend, Deduct</i>	-12.95	
26 05 36 00-2306 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	59.61	11.02
<i>For 30 Degree Bend, Deduct</i>	-26.36	
<i>For 60 Degree Bend, Deduct</i>	-15.45	
<b>26 05 36 00-2307 45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2308 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	29.55	4.89
<i>For 30 Degree Bend, Deduct</i>	-13.41	
<i>For 60 Degree Bend, Deduct</i>	-7.88	
26 05 36 00-2309 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	36.64	5.72
<i>For 30 Degree Bend, Deduct</i>	-16.82	
<i>For 60 Degree Bend, Deduct</i>	-9.90	
26 05 36 00-2310 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	39.73	6.89
<i>For 30 Degree Bend, Deduct</i>	-17.82	
<i>For 60 Degree Bend, Deduct</i>	-10.46	
26 05 36 00-2311 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	47.99	8.26
<i>For 30 Degree Bend, Deduct</i>	-21.56	
<i>For 60 Degree Bend, Deduct</i>	-12.66	
26 05 36 00-2312 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	58.10	9.44
<i>For 30 Degree Bend, Deduct</i>	-26.44	
<i>For 60 Degree Bend, Deduct</i>	-15.55	
26 05 36 00-2313 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	67.25	11.02
<i>For 30 Degree Bend, Deduct</i>	-30.54	
<i>For 60 Degree Bend, Deduct</i>	-17.96	
26 05 36 00-2314 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	77.64	12.73
<i>For 30 Degree Bend, Deduct</i>	-35.28	
<i>For 60 Degree Bend, Deduct</i>	-20.74	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2315			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2316	EA		6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	46.05	5.50
			<i>For 30 Degree Bend, Deduct</i>	-22.13	
			<i>For 60 Degree Bend, Deduct</i>	-13.09	
26 05 36 00-2317	EA		9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	50.77	6.34
			<i>For 30 Degree Bend, Deduct</i>	-24.21	
			<i>For 60 Degree Bend, Deduct</i>	-14.31	
26 05 36 00-2318	EA		12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	55.40	7.85
			<i>For 30 Degree Bend, Deduct</i>	-25.90	
			<i>For 60 Degree Bend, Deduct</i>	-15.28	
26 05 36 00-2319	EA		18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	65.56	8.74
			<i>For 30 Degree Bend, Deduct</i>	-30.97	
			<i>For 60 Degree Bend, Deduct</i>	-18.29	
26 05 36 00-2320	EA		24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	79.65	10.67
			<i>For 30 Degree Bend, Deduct</i>	-37.58	
			<i>For 60 Degree Bend, Deduct</i>	-22.19	
26 05 36 00-2321	EA		30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	91.75	12.73
			<i>For 30 Degree Bend, Deduct</i>	-43.04	
			<i>For 60 Degree Bend, Deduct</i>	-25.40	
26 05 36 00-2322	EA		36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	103.28	13.77
			<i>For 30 Degree Bend, Deduct</i>	-48.76	
			<i>For 60 Degree Bend, Deduct</i>	-28.80	
26 05 36 00-2323			<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2324	EA		6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	28.62	4.41
26 05 36 00-2325	EA		9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	30.03	5.16
26 05 36 00-2326	EA		12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	33.50	6.13
26 05 36 00-2327	EA		18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	39.65	7.51
26 05 36 00-2328	EA		24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	44.41	9.71
26 05 36 00-2329	EA		30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	47.18	11.09
26 05 36 00-2330	EA		36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	56.74	13.23
26 05 36 00-2331			<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2332	EA		6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	32.54	4.89
26 05 36 00-2333	EA		9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	36.10	5.72
26 05 36 00-2334	EA		12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	40.27	6.89
26 05 36 00-2335	EA		18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	48.50	8.26
26 05 36 00-2336	EA		24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	55.75	10.67
26 05 36 00-2337	EA		30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	70.03	12.73
26 05 36 00-2338	EA		36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	78.25	15.01
26 05 36 00-2339			<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2340	EA		6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	37.35	5.50
26 05 36 00-2341	EA		9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	45.34	6.34
26 05 36 00-2342	EA		12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	53.27	7.85
26 05 36 00-2343	EA		18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	63.38	8.74
26 05 36 00-2344	EA		24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	77.87	12.19
26 05 36 00-2345	EA		30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	96.67	14.39
26 05 36 00-2346	EA		36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	105.64	16.52
26 05 36 00-2347			<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2348	EA		6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	46.71	7.16
26 05 36 00-2349	EA		9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	50.67	8.26
26 05 36 00-2350	EA		12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	57.39	9.71
26 05 36 00-2351	EA		18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	67.25	11.02
26 05 36 00-2352	EA		24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	83.07	12.73
26 05 36 00-2353	EA		30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	103.26	18.32
26 05 36 00-2354	EA		36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	124.55	21.97
26 05 36 00-2355			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2356	EA		6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	68.95	7.51
26 05 36 00-2357	EA		9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	77.49	8.74
26 05 36 00-2358	EA		12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	87.74	10.33
26 05 36 00-2359	EA		18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	102.17	11.84
26 05 36 00-2360	EA		24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	154.21	13.77
26 05 36 00-2361	EA		30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	179.88	20.66
26 05 36 00-2362	EA		36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	204.05	25.41
26 05 36 00-2363			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2364	EA		6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	116.19	7.85
26 05 36 00-2365	EA		9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	120.56	9.15
26 05 36 00-2366	EA		12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	134.50	11.02
26 05 36 00-2367	EA		18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	152.56	12.73
26 05 36 00-2368	EA		24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	192.20	15.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2369 EA 30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	227.20	23.68
26 05 36 00-2370 EA 36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	261.55	29.95
<b>26 05 36 00-2371 12" Radius Horizontal Crosses</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2372 EA 6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	69.36	9.71
26 05 36 00-2373 EA 9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	73.65	10.33
26 05 36 00-2374 EA 12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	81.36	11.02
26 05 36 00-2375 EA 18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	97.18	12.73
26 05 36 00-2376 EA 24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	118.43	18.32
26 05 36 00-2377 EA 30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	140.79	21.97
26 05 36 00-2378 EA 36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	159.79	23.61
<b>26 05 36 00-2379 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2380 EA 6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	121.43	10.33
26 05 36 00-2381 EA 9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	130.17	11.02
26 05 36 00-2382 EA 12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	140.16	11.84
26 05 36 00-2383 EA 18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	162.89	13.77
26 05 36 00-2384 EA 24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	201.56	20.66
26 05 36 00-2385 EA 30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	237.64	25.41
26 05 36 00-2386 EA 36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	257.43	27.47
<b>26 05 36 00-2387 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2388 EA 6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	185.51	11.02
26 05 36 00-2389 EA 9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	194.42	11.84
26 05 36 00-2390 EA 12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	208.99	12.73
26 05 36 00-2391 EA 18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	231.27	15.01
26 05 36 00-2392 EA 24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	294.46	23.61
26 05 36 00-2393 EA 30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	343.18	30.09
26 05 36 00-2394 EA 36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	375.25	33.05
<b>26 05 36 00-2395 Reducers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2396 EA 9"-6" Reducer, Aluminum Cable Tray Covers.....	35.20	5.16
26 05 36 00-2397 EA 12"-6" Reducer, Aluminum Cable Tray Covers.....	37.86	6.13
26 05 36 00-2398 EA 12"-9" Reducer, Aluminum Cable Tray Covers.....	37.86	6.13
26 05 36 00-2399 EA 18"-6" Reducer, Aluminum Cable Tray Covers.....	42.90	7.51
26 05 36 00-2400 EA 18"-12" Reducer, Aluminum Cable Tray Covers.....	42.90	7.51
26 05 36 00-2401 EA 24"-12" Reducer, Aluminum Cable Tray Covers.....	47.42	8.26
26 05 36 00-2402 EA 24"-18" Reducer, Aluminum Cable Tray Covers.....	51.73	8.26
26 05 36 00-2403 EA 30"-12" Reducer, Aluminum Cable Tray Covers.....	54.82	9.44
26 05 36 00-2404 EA 30"-18" Reducer, Aluminum Cable Tray Covers.....	56.43	9.44
26 05 36 00-2405 EA 30"-24" Reducer, Aluminum Cable Tray Covers.....	57.55	9.44
26 05 36 00-2406 EA 36"-12" Reducer, Aluminum Cable Tray Covers.....	60.59	10.33
26 05 36 00-2407 EA 36"-18" Reducer, Aluminum Cable Tray Covers.....	61.68	10.33
26 05 36 00-2408 EA 36"-24" Reducer, Aluminum Cable Tray Covers.....	62.22	10.33
26 05 36 00-2409 EA 36"-30" Reducer, Aluminum Cable Tray Covers.....	62.76	10.33
<b>26 05 36 00-2410 Galvanized Steel Dividers</b> <small>(26 05 36 00-2121)</small>		
<b>26 05 36 00-2411 Straight Dividers</b> <small>(26 05 36 00-2410)</small>		
26 05 36 00-2412 LF 3" Deep Galvanized Steel Divider Strip, Straight.....	6.06	1.65
26 05 36 00-2413 LF 4" Deep Galvanized Steel Divider Strip, Straight.....	7.12	1.79
26 05 36 00-2414 LF 6" Deep Galvanized Steel Divider Strip, Straight.....	8.79	2.07
<b>26 05 36 00-2415 3" Deep Vertical Dividers</b> <small>(26 05 36 00-2410)</small>		
26 05 36 00-2416 EA Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	35.89	11.84
26 05 36 00-2417 EA Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	40.72	12.25
26 05 36 00-2418 EA Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	42.81	12.73
26 05 36 00-2419 EA Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	49.03	13.23
26 05 36 00-2420 EA Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	46.63	13.23
26 05 36 00-2421 EA Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	50.53	13.77
26 05 36 00-2422 EA Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	58.76	14.39
26 05 36 00-2423 EA Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	72.46	15.01
26 05 36 00-2424 EA Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable Tray.....	58.07	15.01
26 05 36 00-2425 EA Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	64.63	15.77
26 05 36 00-2426 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	72.53	16.52
26 05 36 00-2427 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	91.38	17.42
<b>26 05 36 00-2428 4" Deep Vertical Dividers</b> <small>(26 05 36 00-2410)</small>		
26 05 36 00-2429 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	41.02	12.25
26 05 36 00-2430 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	45.21	12.73
26 05 36 00-2431 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	49.03	13.23
26 05 36 00-2432 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	55.93	13.77
26 05 36 00-2433 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	55.93	13.77

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2434	EA		Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray .....	65.36	14.39
26 05 36 00-2435	EA		Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray .....	71.86	15.01
26 05 36 00-2436	EA		Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray .....	88.62	15.77
26 05 36 00-2437	EA		Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray .....	62.36	14.39
26 05 36 00-2438	EA		Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray .....	68.86	15.01
26 05 36 00-2439	EA		Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray .....	81.42	15.77
26 05 36 00-2440	EA		Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray .....	102.53	16.52
<b>26 05 36 00-2441</b>			<b>6" Deep Vertical Dividers (26 05 36 00-2410)</b>		
26 05 36 00-2442	EA		Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray .....	45.43	13.77
26 05 36 00-2443	EA		Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray .....	49.16	14.39
26 05 36 00-2444	EA		Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray .....	53.87	15.01
26 05 36 00-2445	EA		Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray .....	62.23	15.77
26 05 36 00-2446	EA		Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray .....	56.96	14.39
26 05 36 00-2447	EA		Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray .....	66.47	15.01
26 05 36 00-2448	EA		Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray .....	73.62	15.77
26 05 36 00-2449	EA		Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray .....	89.93	16.52
26 05 36 00-2450	EA		Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray .....	63.47	15.01
26 05 36 00-2451	EA		Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray .....	73.62	15.77
26 05 36 00-2452	EA		Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray .....	89.93	16.52
26 05 36 00-2453	EA		Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray .....	109.38	17.42
<b>26 05 36 00-2454</b>			<b>Horizontal Dividers (26 05 36 00-2410)</b>		
26 05 36 00-2455	EA		3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	39.76	9.99
26 05 36 00-2456	EA		4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	44.19	11.02
26 05 36 00-2457	EA		6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	53.38	12.25
<b>26 05 36 00-2458</b>			<b>Aluminum Dividers (26 05 36 00-2121)</b>		
<b>26 05 36 00-2459</b>			<b>Straight Dividers (26 05 36 00-2458)</b>		
26 05 36 00-2460	LF		3" Deep Aluminum Divider Strip, Straight .....	5.60	1.58
26 05 36 00-2461	LF		4" Deep Aluminum Divider Strip, Straight .....	6.58	1.72
26 05 36 00-2462	LF		6" Deep Aluminum Divider Strip, Straight .....	8.07	1.93
<b>26 05 36 00-2463</b>			<b>3" Deep Vertical Dividers (26 05 36 00-2458)</b>		
26 05 36 00-2464	EA		Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray .....	31.43	11.43
26 05 36 00-2465	EA		Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray .....	34.34	11.84
26 05 36 00-2466	EA		Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray .....	37.53	12.25
26 05 36 00-2467	EA		Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray .....	42.92	12.73
26 05 36 00-2468	EA		Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray .....	41.83	12.73
26 05 36 00-2469	EA		Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray .....	45.91	13.23
26 05 36 00-2470	EA		Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray .....	52.78	13.77
26 05 36 00-2471	EA		Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray .....	64.66	14.39
26 05 36 00-2472	EA		Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray .....	55.43	14.39
26 05 36 00-2473	EA		Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray .....	65.77	15.01
26 05 36 00-2474	EA		Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray .....	78.87	15.77
26 05 36 00-2475	EA		Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray .....	96.46	16.52
<b>26 05 36 00-2476</b>			<b>4" Deep Vertical Dividers (26 05 36 00-2458)</b>		
26 05 36 00-2477	EA		Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray .....	37.22	11.84
26 05 36 00-2478	EA		Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray .....	40.73	12.25
26 05 36 00-2479	EA		Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray .....	44.54	12.73
26 05 36 00-2480	EA		Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray .....	49.70	13.23
26 05 36 00-2481	EA		Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray .....	49.16	13.23
26 05 36 00-2482	EA		Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray .....	56.57	13.77
26 05 36 00-2483	EA		Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray .....	63.57	14.39
26 05 36 00-2484	EA		Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray .....	79.33	15.01
26 05 36 00-2485	EA		Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray .....	65.26	13.77
26 05 36 00-2486	EA		Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray .....	78.22	14.39
26 05 36 00-2487	EA		Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray .....	91.27	15.01
26 05 36 00-2488	EA		Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray .....	109.80	15.77
<b>26 05 36 00-2489</b>			<b>6" Deep Vertical Dividers (26 05 36 00-2458)</b>		
26 05 36 00-2490	EA		Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray .....	41.24	13.23
26 05 36 00-2491	EA		Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray .....	45.72	13.77
26 05 36 00-2492	EA		Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray .....	47.84	14.39
26 05 36 00-2493	EA		Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray .....	53.29	15.01
26 05 36 00-2494	EA		Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray .....	51.15	13.77
26 05 36 00-2495	EA		Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray .....	62.49	14.39
26 05 36 00-2496	EA		Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray .....	67.40	15.01
26 05 36 00-2497	EA		Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray .....	83.75	15.77
26 05 36 00-2498	EA		Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray .....	66.83	14.39
26 05 36 00-2499	EA		Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray .....	82.59	15.01
26 05 36 00-2500	EA		Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray .....	94.06	15.77



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2501 EA Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	108.94	16.52
<b>26 05 36 00-2502 Horizontal Dividers</b> <small>(26 05 36 00-2458)</small>		
26 05 36 00-2503 EA 3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	35.52	9.44
26 05 36 00-2504 EA 4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	38.93	10.33
26 05 36 00-2505 EA 6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	47.76	11.43
<b>26 05 36 00-2506 Wall Brackets</b> <small>(26 05 36 00-0001)</small>		
<b>26 05 36 00-2507 Wall Brackets</b> <small>(26 05 36 00-2506)</small>		
26 05 36 00-2508 EA 6" Wide Tray Wall Bracket .....	41.00	13.77
26 05 36 00-2509 EA 9" Wide Tray Wall Bracket .....	42.55	14.39
26 05 36 00-2510 EA 12" Wide Tray Wall Bracket .....	46.24	15.01
26 05 36 00-2511 EA 18" Wide Tray Wall Bracket .....	48.95	15.77
26 05 36 00-2512 EA 24" Wide Tray Wall Bracket .....	52.84	16.52
26 05 36 00-2513 EA 30" Wide Tray Wall Bracket .....	61.52	17.42
26 05 36 00-2514 EA 36" Wide Tray Wall Bracket .....	72.29	18.59
<b>26 05 36 00-2515 Fiberglass Cable Tray</b> <small>(26 05 36 00-0001)</small>		
<b>26 05 36 00-2516 Ladder Bottom Fiberglass Cable Tray</b> <small>(26 05 36 00-2515)</small>		
<small>Note: Excludes hangers and support system.</small>		
<b>26 05 36 00-2517 Straight Tray Sections</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2518 LF 6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	6.79	1.85
<i>For 6" Rung Spacing, Add</i>		
0.60		
<i>For 4" Rung Spacing, Add</i>		
1.11		
<i>For Solid Bottom, Add</i>		
1.62		
<i>For 18" Rung Spacing, Deduct</i>		
-0.10		
<i>For Vented Trough Bottom, Add</i>		
1.96		
<i>For 9" Rung Spacing, Add</i>		
0.14		
26 05 36 00-2519 LF 9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	7.60	2.28
<i>For 6" Rung Spacing, Add</i>		
0.62		
<i>For 4" Rung Spacing, Add</i>		
1.14		
<i>For Solid Bottom, Add</i>		
1.76		
<i>For 18" Rung Spacing, Deduct</i>		
-0.10		
<i>For Vented Trough Bottom, Add</i>		
2.09		
<i>For 9" Rung Spacing, Add</i>		
0.15		
26 05 36 00-2520 LF 12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	8.41	2.76
<i>For 6" Rung Spacing, Add</i>		
0.64		
<i>For 4" Rung Spacing, Add</i>		
1.18		
<i>For Solid Bottom, Add</i>		
1.90		
<i>For 18" Rung Spacing, Deduct</i>		
-0.11		
<i>For Vented Trough Bottom, Add</i>		
2.23		
<i>For 9" Rung Spacing, Add</i>		
0.15		
26 05 36 00-2521 LF 18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	10.10	3.65
<i>For 6" Rung Spacing, Add</i>		
0.69		
<i>For 4" Rung Spacing, Add</i>		
1.27		
<i>For Solid Bottom, Add</i>		
2.21		
<i>For 18" Rung Spacing, Deduct</i>		
-0.12		
<i>For Vented Trough Bottom, Add</i>		
2.53		
<i>For 9" Rung Spacing, Add</i>		
0.16		
26 05 36 00-2522 LF 24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	11.80	4.61
<i>For 6" Rung Spacing, Add</i>		
0.74		
<i>For 4" Rung Spacing, Add</i>		
1.35		
<i>For Solid Bottom, Add</i>		
2.51		
<i>For 18" Rung Spacing, Deduct</i>		
-0.12		
<i>For Vented Trough Bottom, Add</i>		
2.83		
<i>For 9" Rung Spacing, Add</i>		
0.17		
26 05 36 00-2523 LF 30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	12.89	5.02
<i>For 6" Rung Spacing, Add</i>		
0.80		
<i>For 4" Rung Spacing, Add</i>		
1.46		
<i>For Solid Bottom, Add</i>		
2.73		
<i>For 18" Rung Spacing, Deduct</i>		
-0.13		
<i>For Vented Trough Bottom, Add</i>		
3.07		
<i>For 9" Rung Spacing, Add</i>		
0.19		
26 05 36 00-2524 LF 36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	14.02	5.50
<i>For 6" Rung Spacing, Add</i>		
0.86		
<i>For 4" Rung Spacing, Add</i>		
1.58		
<i>For Solid Bottom, Add</i>		
2.97		
<i>For 18" Rung Spacing, Deduct</i>		
-0.14		
<i>For Vented Trough Bottom, Add</i>		
3.34		
<i>For 9" Rung Spacing, Add</i>		
0.20		
<b>26 05 36 00-2525 90 Degree Horizontal Elbows</b> <small>(26 05 36 00-2516)</small>		

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA		6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	36.96	13.77
			For 6" Rung Spacing, Add	2.45	
			For 4" Rung Spacing, Add	4.48	
			For 30 Degree Bend, Deduct	-13.10	
			For 60 Degree Bend, Deduct	-7.45	
			For Solid Bottom, Add	7.99	
			For 18" Rung Spacing, Deduct	-0.41	
			For Vented Trough Bottom, Add	9.10	
			For 9" Rung Spacing, Add	0.57	
			For 45 Degree Bend, Deduct	-10.27	
26 05 36 00-2527	EA		9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	41.33	16.04
			For 6" Rung Spacing, Add	2.58	
			For 4" Rung Spacing, Add	4.74	
			For 30 Degree Bend, Deduct	-14.30	
			For 60 Degree Bend, Deduct	-8.10	
			For Solid Bottom, Add	8.78	
			For 18" Rung Spacing, Deduct	-0.43	
			For Vented Trough Bottom, Add	9.90	
			For 9" Rung Spacing, Add	0.60	
			For 45 Degree Bend, Deduct	-11.20	
26 05 36 00-2528	EA		12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	48.46	20.17
			For 6" Rung Spacing, Add	2.72	
			For 4" Rung Spacing, Add	4.99	
			For 30 Degree Bend, Deduct	-16.05	
			For 60 Degree Bend, Deduct	-9.02	
			For Solid Bottom, Add	9.99	
			For 18" Rung Spacing, Deduct	-0.45	
			For Vented Trough Bottom, Add	11.05	
			For 9" Rung Spacing, Add	0.64	
			For 45 Degree Bend, Deduct	-12.54	
26 05 36 00-2529	EA		18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	57.36	24.38
			For 6" Rung Spacing, Add	3.13	
			For 4" Rung Spacing, Add	5.74	
			For 30 Degree Bend, Deduct	-18.77	
			For 60 Degree Bend, Deduct	-10.53	
			For Solid Bottom, Add	11.73	
			For 18" Rung Spacing, Deduct	-0.52	
			For Vented Trough Bottom, Add	12.91	
			For 9" Rung Spacing, Add	0.73	
			For 45 Degree Bend, Deduct	-14.65	
26 05 36 00-2530	EA		24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	64.94	28.03
			For 6" Rung Spacing, Add	3.44	
			For 4" Rung Spacing, Add	6.31	
			For 30 Degree Bend, Deduct	-21.02	
			For 60 Degree Bend, Deduct	-11.77	
			For Solid Bottom, Add	13.18	
			For 18" Rung Spacing, Deduct	-0.57	
			For Vented Trough Bottom, Add	14.43	
			For 9" Rung Spacing, Add	0.80	
			For 45 Degree Bend, Deduct	-16.39	
26 05 36 00-2531	EA		30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	71.12	29.88
			For 6" Rung Spacing, Add	3.95	
			For 4" Rung Spacing, Add	7.25	
			For 30 Degree Bend, Deduct	-23.45	
			For 60 Degree Bend, Deduct	-13.17	
			For Solid Bottom, Add	14.62	
			For 18" Rung Spacing, Deduct	-0.66	
			For Vented Trough Bottom, Add	16.14	
			For 9" Rung Spacing, Add	0.92	
			For 45 Degree Bend, Deduct	-18.31	
26 05 36 00-2532	EA		36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	78.48	32.16
			For 6" Rung Spacing, Add	4.54	
			For 4" Rung Spacing, Add	8.33	
			For 30 Degree Bend, Deduct	-26.29	
			For 60 Degree Bend, Deduct	-14.81	
			For Solid Bottom, Add	16.31	
			For 18" Rung Spacing, Deduct	-0.76	
			For Vented Trough Bottom, Add	18.14	
			For 9" Rung Spacing, Add	1.06	
			For 45 Degree Bend, Deduct	-20.55	
26 05 36 00-2533			<b>Inside Or Outside Vertical Risers</b> (26 05 36 00-2516)		
26 05 36 00-2534	EA		6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	53.98	13.77
			For 6" Rung Spacing, Add	5.00	
			For 4" Rung Spacing, Add	9.16	
			For 30 Degree Bend, Deduct	-22.46	
			For 60 Degree Bend, Deduct	-13.06	
			For Solid Bottom, Add	13.10	
			For 18" Rung Spacing, Deduct	-0.83	
			For Vented Trough Bottom, Add	15.91	
			For 9" Rung Spacing, Add	1.17	
			For 45 Degree Bend, Deduct	-17.76	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2535 EA 9" Vertical Inside Or Outside Riser 90, Fiberglass .....	57.89	16.04
<i>For 6" Rung Spacing, Add</i>	5.07	
<i>For 4" Rung Spacing, Add</i>	9.29	
<i>For 30 Degree Bend, Deduct</i>	-23.40	
<i>For 60 Degree Bend, Deduct</i>	-13.56	
<i>For Solid Bottom, Add</i>	13.75	
<i>For 18" Rung Spacing, Deduct</i>	-0.84	
<i>For Vented Trough Bottom, Add</i>	16.53	
<i>For 9" Rung Spacing, Add</i>	1.18	
<i>For 45 Degree Bend, Deduct</i>	-18.48	
26 05 36 00-2536 EA 12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	64.55	20.17
<i>For 6" Rung Spacing, Add</i>	5.14	
<i>For 4" Rung Spacing, Add</i>	9.42	
<i>For 30 Degree Bend, Deduct</i>	-24.90	
<i>For 60 Degree Bend, Deduct</i>	-14.33	
<i>For Solid Bottom, Add</i>	14.82	
<i>For 18" Rung Spacing, Deduct</i>	-0.86	
<i>For Vented Trough Bottom, Add</i>	17.49	
<i>For 9" Rung Spacing, Add</i>	1.20	
<i>For 45 Degree Bend, Deduct</i>	-19.62	
26 05 36 00-2537 EA 18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	71.79	24.38
<i>For 6" Rung Spacing, Add</i>	5.29	
<i>For 4" Rung Spacing, Add</i>	9.70	
<i>For 30 Degree Bend, Deduct</i>	-26.71	
<i>For 60 Degree Bend, Deduct</i>	-15.30	
<i>For Solid Bottom, Add</i>	16.06	
<i>For 18" Rung Spacing, Deduct</i>	-0.88	
<i>For Vented Trough Bottom, Add</i>	18.68	
<i>For 9" Rung Spacing, Add</i>	1.24	
<i>For 45 Degree Bend, Deduct</i>	-21.00	
26 05 36 00-2538 EA 24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	78.22	28.03
<i>For 6" Rung Spacing, Add</i>	5.43	
<i>For 4" Rung Spacing, Add</i>	9.96	
<i>For 30 Degree Bend, Deduct</i>	-28.32	
<i>For 60 Degree Bend, Deduct</i>	-16.15	
<i>For Solid Bottom, Add</i>	17.17	
<i>For 18" Rung Spacing, Deduct</i>	-0.91	
<i>For Vented Trough Bottom, Add</i>	19.74	
<i>For 9" Rung Spacing, Add</i>	1.27	
<i>For 45 Degree Bend, Deduct</i>	-22.24	
26 05 36 00-2539 EA 30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	81.92	29.88
<i>For 6" Rung Spacing, Add</i>	5.57	
<i>For 4" Rung Spacing, Add</i>	10.22	
<i>For 30 Degree Bend, Deduct</i>	-29.39	
<i>For 60 Degree Bend, Deduct</i>	-16.74	
<i>For Solid Bottom, Add</i>	17.86	
<i>For 18" Rung Spacing, Deduct</i>	-0.93	
<i>For Vented Trough Bottom, Add</i>	20.46	
<i>For 9" Rung Spacing, Add</i>	1.30	
<i>For 45 Degree Bend, Deduct</i>	-23.06	
26 05 36 00-2540 EA 36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	89.25	32.16
<i>For 6" Rung Spacing, Add</i>	6.16	
<i>For 4" Rung Spacing, Add</i>	11.29	
<i>For 30 Degree Bend, Deduct</i>	-32.22	
<i>For 60 Degree Bend, Deduct</i>	-18.37	
<i>For Solid Bottom, Add</i>	19.55	
<i>For 18" Rung Spacing, Deduct</i>	-1.03	
<i>For Vented Trough Bottom, Add</i>	22.45	
<i>For 9" Rung Spacing, Add</i>	1.44	
<i>For 45 Degree Bend, Deduct</i>	-25.29	
<b>26 05 36 00-2541 Horizontal Tees</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2542 EA 6" Horizontal Tee, Fiberglass Cable Tray .....	80.40	34.43
<i>For 6" Rung Spacing, Add</i>	4.31	
<i>For 4" Rung Spacing, Add</i>	7.91	
<i>For Solid Bottom, Add</i>	16.37	
<i>For 18" Rung Spacing, Deduct</i>	-0.72	
<i>For Vented Trough Bottom, Add</i>	17.96	
<i>For 9" Rung Spacing, Add</i>	1.01	
26 05 36 00-2543 EA 9" Horizontal Tee, Fiberglass Cable Tray .....	90.48	40.42
<i>For 6" Rung Spacing, Add</i>	4.48	
<i>For 4" Rung Spacing, Add</i>	8.22	
<i>For Solid Bottom, Add</i>	18.06	
<i>For 18" Rung Spacing, Deduct</i>	-0.75	
<i>For Vented Trough Bottom, Add</i>	19.53	
<i>For 9" Rung Spacing, Add</i>	1.05	
26 05 36 00-2544 EA 12" Horizontal Tee, Fiberglass Cable Tray .....	103.33	48.20
<i>For 6" Rung Spacing, Add</i>	4.65	
<i>For 4" Rung Spacing, Add</i>	8.53	
<i>For Solid Bottom, Add</i>	20.15	
<i>For 18" Rung Spacing, Deduct</i>	-0.78	
<i>For Vented Trough Bottom, Add</i>	21.45	
<i>For 9" Rung Spacing, Add</i>	1.09	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2545	EA		18" Horizontal Tee, Fiberglass Cable Tray .....	115.40	54.20
			For 6" Rung Spacing, Add	5.12	
			For 4" Rung Spacing, Add	9.39	
			For Solid Bottom, Add	22.43	
			For 18" Rung Spacing, Deduct	-0.85	
			For Vented Trough Bottom, Add	23.82	
			For 9" Rung Spacing, Add	1.20	
26 05 36 00-2546	EA		24" Horizontal Tee, Fiberglass Cable Tray .....	121.34	56.46
			For 6" Rung Spacing, Add	5.50	
			For 4" Rung Spacing, Add	10.08	
			For Solid Bottom, Add	23.70	
			For 18" Rung Spacing, Deduct	-0.92	
			For Vented Trough Bottom, Add	25.24	
			For 9" Rung Spacing, Add	1.28	
26 05 36 00-2547	EA		30" Horizontal Tee, Fiberglass Cable Tray .....	129.99	59.70
			For 6" Rung Spacing, Add	6.07	
			For 4" Rung Spacing, Add	11.13	
			For Solid Bottom, Add	25.57	
			For 18" Rung Spacing, Deduct	-1.01	
			For Vented Trough Bottom, Add	27.38	
			For 9" Rung Spacing, Add	1.42	
26 05 36 00-2548	EA		36" Horizontal Tee, Fiberglass Cable Tray .....	141.12	64.31
			For 6" Rung Spacing, Add	6.71	
			For 4" Rung Spacing, Add	12.30	
			For Solid Bottom, Add	27.88	
			For 18" Rung Spacing, Deduct	-1.12	
			For Vented Trough Bottom, Add	29.94	
			For 9" Rung Spacing, Add	1.57	
26 05 36 00-2549			<b>Horizontal Crosses</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2550	EA		6" Horizontal Cross, Fiberglass Cable Tray .....	126.36	59.70
			For 6" Rung Spacing, Add	5.53	
			For 4" Rung Spacing, Add	10.13	
			For Solid Bottom, Add	24.48	
			For 18" Rung Spacing, Deduct	-0.92	
			For Vented Trough Bottom, Add	25.93	
			For 9" Rung Spacing, Add	1.29	
26 05 36 00-2551	EA		9" Horizontal Cross, Fiberglass Cable Tray .....	134.34	64.31
			For 6" Rung Spacing, Add	5.69	
			For 4" Rung Spacing, Add	10.43	
			For Solid Bottom, Add	25.84	
			For 18" Rung Spacing, Deduct	-0.95	
			For Vented Trough Bottom, Add	27.23	
			For 9" Rung Spacing, Add	1.33	
26 05 36 00-2552	EA		12" Horizontal Cross, Fiberglass Cable Tray .....	142.32	68.93
			For 6" Rung Spacing, Add	5.85	
			For 4" Rung Spacing, Add	10.73	
			For Solid Bottom, Add	27.20	
			For 18" Rung Spacing, Deduct	-0.98	
			For Vented Trough Bottom, Add	28.52	
			For 9" Rung Spacing, Add	1.37	
26 05 36 00-2553	EA		18" Horizontal Cross, Fiberglass Cable Tray .....	152.32	73.47
			For 6" Rung Spacing, Add	6.32	
			For 4" Rung Spacing, Add	11.59	
			For Solid Bottom, Add	29.17	
			For 18" Rung Spacing, Deduct	-1.05	
			For Vented Trough Bottom, Add	30.63	
			For 9" Rung Spacing, Add	1.47	
26 05 36 00-2554	EA		24" Horizontal Cross, Fiberglass Cable Tray .....	161.59	78.09
			For 6" Rung Spacing, Add	6.68	
			For 4" Rung Spacing, Add	12.25	
			For Solid Bottom, Add	30.92	
			For 18" Rung Spacing, Deduct	-1.11	
			For Vented Trough Bottom, Add	32.44	
			For 9" Rung Spacing, Add	1.56	
26 05 36 00-2555	EA		30" Horizontal Cross, Fiberglass Cable Tray .....	172.41	82.70
			For 6" Rung Spacing, Add	7.27	
			For 4" Rung Spacing, Add	13.33	
			For Solid Bottom, Add	33.13	
			For 18" Rung Spacing, Deduct	-1.21	
			For Vented Trough Bottom, Add	34.88	
			For 9" Rung Spacing, Add	1.70	
26 05 36 00-2556	EA		36" Horizontal Cross, Fiberglass Cable Tray .....	186.45	88.62
			For 6" Rung Spacing, Add	8.03	
			For 4" Rung Spacing, Add	14.73	
			For Solid Bottom, Add	36.00	
			For 18" Rung Spacing, Deduct	-1.34	
			For Vented Trough Bottom, Add	38.03	
			For 9" Rung Spacing, Add	1.87	
26 05 36 00-2557			<b>Horizontal Wyes</b> <small>(26 05 36 00-2516)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2558 EA 6" Horizontal Wye, Fiberglass Cable Tray .....	77.49	34.43
For 6" Rung Spacing, Add	3.88	
For 4" Rung Spacing, Add	7.11	
For Solid Bottom, Add	15.50	
For 18" Rung Spacing, Deduct	-0.65	
For Vented Trough Bottom, Add	16.80	
For 9" Rung Spacing, Add	0.90	
26 05 36 00-2559 EA 9" Horizontal Wye, Fiberglass Cable Tray .....	81.98	36.77
For 6" Rung Spacing, Add	4.03	
For 4" Rung Spacing, Add	7.39	
For Solid Bottom, Add	16.33	
For 18" Rung Spacing, Deduct	-0.67	
For Vented Trough Bottom, Add	17.64	
For 9" Rung Spacing, Add	0.94	
26 05 36 00-2560 EA 12" Horizontal Wye, Fiberglass Cable Tray .....	100.22	48.20
For 6" Rung Spacing, Add	4.19	
For 4" Rung Spacing, Add	7.68	
For Solid Bottom, Add	19.22	
For 18" Rung Spacing, Deduct	-0.70	
For Vented Trough Bottom, Add	20.21	
For 9" Rung Spacing, Add	0.98	
26 05 36 00-2561 EA 18" Horizontal Wye, Fiberglass Cable Tray .....	111.98	54.20
For 6" Rung Spacing, Add	4.61	
For 4" Rung Spacing, Add	8.45	
For Solid Bottom, Add	21.41	
For 18" Rung Spacing, Deduct	-0.77	
For Vented Trough Bottom, Add	22.45	
For 9" Rung Spacing, Add	1.08	
26 05 36 00-2562 EA 24" Horizontal Wye, Fiberglass Cable Tray .....	117.60	56.46
For 6" Rung Spacing, Add	4.94	
For 4" Rung Spacing, Add	9.05	
For Solid Bottom, Add	22.58	
For 18" Rung Spacing, Deduct	-0.82	
For Vented Trough Bottom, Add	23.75	
For 9" Rung Spacing, Add	1.15	
26 05 36 00-2563 EA 30" Horizontal Wye, Fiberglass Cable Tray .....	125.94	59.70
For 6" Rung Spacing, Add	5.46	
For 4" Rung Spacing, Add	10.02	
For Solid Bottom, Add	24.36	
For 18" Rung Spacing, Deduct	-0.91	
For Vented Trough Bottom, Add	25.76	
For 9" Rung Spacing, Add	1.28	
26 05 36 00-2564 EA 36" Horizontal Wye, Fiberglass Cable Tray .....	136.65	64.31
For 6" Rung Spacing, Add	6.04	
For 4" Rung Spacing, Add	11.07	
For Solid Bottom, Add	26.54	
For 18" Rung Spacing, Deduct	-1.01	
For Vented Trough Bottom, Add	28.15	
For 9" Rung Spacing, Add	1.41	
<b>26 05 36 00-2565 Straight Reducers (26 05 36 00-2516)</b>		
26 05 36 00-2566 EA 9"-6" Reducer, Fiberglass Cable Tray .....	35.30	13.77
For 6" Rung Spacing, Add	2.20	
For 4" Rung Spacing, Add	4.03	
For Solid Bottom, Add	7.49	
For 18" Rung Spacing, Deduct	-0.37	
For Vented Trough Bottom, Add	8.44	
For 9" Rung Spacing, Add	0.51	
26 05 36 00-2567 EA 12"-9" Reducer, Fiberglass Cable Tray.....	38.94	16.04
For 6" Rung Spacing, Add	2.23	
For 4" Rung Spacing, Add	4.08	
For Solid Bottom, Add	8.07	
For 18" Rung Spacing, Deduct	-0.37	
For Vented Trough Bottom, Add	8.95	
For 9" Rung Spacing, Add	0.52	
26 05 36 00-2568 EA 18"-12" Reducer, Fiberglass Cable Tray.....	42.59	18.39
For 6" Rung Spacing, Add	2.26	
For 4" Rung Spacing, Add	4.14	
For Solid Bottom, Add	8.65	
For 18" Rung Spacing, Deduct	-0.38	
For Vented Trough Bottom, Add	9.46	
For 9" Rung Spacing, Add	0.53	
26 05 36 00-2569 EA 24"-18" Reducer, Fiberglass Cable Tray.....	45.87	20.17
For 6" Rung Spacing, Add	2.34	
For 4" Rung Spacing, Add	4.28	
For Solid Bottom, Add	9.22	
For 18" Rung Spacing, Deduct	-0.39	
For Vented Trough Bottom, Add	10.02	
For 9" Rung Spacing, Add	0.54	

**26 Electrical****26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2570	EA		30"-24" Reducer, Fiberglass Cable Tray.....	51.21	22.04
			<i>For 6" Rung Spacing, Add</i>	2.72	
			<i>For 4" Rung Spacing, Add</i>	4.99	
			<i>For Solid Bottom, Add</i>	10.41	
			<i>For 18" Rung Spacing, Deduct</i>	-0.45	
			<i>For Vented Trough Bottom, Add</i>	11.40	
			<i>For 9" Rung Spacing, Add</i>	0.64	
26 05 36 00-2571	EA		36"-30" Reducer, Fiberglass Cable Tray.....	57.60	24.38
			<i>For 6" Rung Spacing, Add</i>	3.17	
			<i>For 4" Rung Spacing, Add</i>	5.80	
			<i>For Solid Bottom, Add</i>	11.81	
			<i>For 18" Rung Spacing, Deduct</i>	-0.53	
			<i>For Vented Trough Bottom, Add</i>	13.00	
			<i>For 9" Rung Spacing, Add</i>	0.74	
<b>26 05 36 00-2572</b>			<b>Vertical Tees</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2573	EA		6" Vertical Tee, Fiberglass Cable Tray.....	106.55	34.43
			<i>For 6" Rung Spacing, Add</i>	8.24	
			<i>For 4" Rung Spacing, Add</i>	15.10	
			<i>For Solid Bottom, Add</i>	24.22	
			<i>For 18" Rung Spacing, Deduct</i>	-1.37	
			<i>For Vented Trough Bottom, Add</i>	28.42	
			<i>For 9" Rung Spacing, Add</i>	1.92	
26 05 36 00-2574	EA		9" Vertical Tee, Fiberglass Cable Tray.....	110.68	36.77
			<i>For 6" Rung Spacing, Add</i>	8.34	
			<i>For 4" Rung Spacing, Add</i>	15.29	
			<i>For Solid Bottom, Add</i>	24.94	
			<i>For 18" Rung Spacing, Deduct</i>	-1.39	
			<i>For Vented Trough Bottom, Add</i>	29.12	
			<i>For 9" Rung Spacing, Add</i>	1.95	
26 05 36 00-2575	EA		12" Vertical Tee, Fiberglass Cable Tray.....	128.56	48.20
			<i>For 6" Rung Spacing, Add</i>	8.44	
			<i>For 4" Rung Spacing, Add</i>	15.47	
			<i>For Solid Bottom, Add</i>	27.72	
			<i>For 18" Rung Spacing, Deduct</i>	-1.41	
			<i>For Vented Trough Bottom, Add</i>	31.54	
			<i>For 9" Rung Spacing, Add</i>	1.97	
26 05 36 00-2576	EA		18" Vertical Tee, Fiberglass Cable Tray.....	139.07	54.20
			<i>For 6" Rung Spacing, Add</i>	8.67	
			<i>For 4" Rung Spacing, Add</i>	15.90	
			<i>For Solid Bottom, Add</i>	29.53	
			<i>For 18" Rung Spacing, Deduct</i>	-1.45	
			<i>For Vented Trough Bottom, Add</i>	33.28	
			<i>For 9" Rung Spacing, Add</i>	2.02	
26 05 36 00-2577	EA		24" Vertical Tee, Fiberglass Cable Tray.....	143.97	56.46
			<i>For 6" Rung Spacing, Add</i>	8.89	
			<i>For 4" Rung Spacing, Add</i>	16.30	
			<i>For Solid Bottom, Add</i>	30.49	
			<i>For 18" Rung Spacing, Deduct</i>	-1.48	
			<i>For Vented Trough Bottom, Add</i>	34.30	
			<i>For 9" Rung Spacing, Add</i>	2.07	
26 05 36 00-2578	EA		30" Vertical Tee, Fiberglass Cable Tray.....	150.13	59.70
			<i>For 6" Rung Spacing, Add</i>	9.09	
			<i>For 4" Rung Spacing, Add</i>	16.67	
			<i>For Solid Bottom, Add</i>	31.61	
			<i>For 18" Rung Spacing, Deduct</i>	-1.52	
			<i>For Vented Trough Bottom, Add</i>	35.44	
			<i>For 9" Rung Spacing, Add</i>	2.12	
26 05 36 00-2579	EA		36" Vertical Tee, Fiberglass Cable Tray.....	163.37	64.31
			<i>For 6" Rung Spacing, Add</i>	10.05	
			<i>For 4" Rung Spacing, Add</i>	18.42	
			<i>For Solid Bottom, Add</i>	34.55	
			<i>For 18" Rung Spacing, Deduct</i>	-1.67	
			<i>For Vented Trough Bottom, Add</i>	38.84	
			<i>For 9" Rung Spacing, Add</i>	2.34	
<b>26 05 39 Underfloor Raceways for Electrical Systems</b> <small>(26 05)</small>					
26 05 39 00-0001			<b>Underfloor Ducts</b> <small>(26 05 39)</small>		
26 05 39 00-0002			<b>Straight Duct Sections 10' Long, 14 Gauge Steel</b> <small>(26 05 39 00-0001)</small>		
26 05 39 00-0003			<b>Standard Ducts, 3.8 Square Inches</b> <small>(26 05 39 00-0002)</small>		
26 05 39 00-0004	EA		Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches.....	65.53	12.12
26 05 39 00-0005	EA		Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches.....	82.97	14.19
26 05 39 00-0006			<b>Large Capacity Ducts, 8.9 Square Inches</b> <small>(26 05 39 00-0002)</small>		
26 05 39 00-0007	EA		Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches.....	111.32	15.35
26 05 39 00-0008	EA		Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches.....	127.79	17.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 39 00-0009</b> Junction Boxes <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0010</b> One Level Junction Boxes <small>(26 05 39 00-0009)</small>		
26 05 39 00-0011 EA 1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	169.38	24.10
26 05 39 00-0012 EA 1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box.....	192.43	25.82
26 05 39 00-0013 EA 1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box..... Note: Isolate each duct and form a continuous raceway through the box in both directions.	317.30	24.10
26 05 39 00-0014 EA 1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box.....	211.73	25.82
26 05 39 00-0015 EA 1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box.....	339.18	33.95
26 05 39 00-0016 EA 1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct.....	480.70	36.91
<b>26 05 39 00-0017</b> Two Level Junction Boxes <small>(26 05 39 00-0009)</small>		
26 05 39 00-0018 EA 2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level..... Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	746.58	24.38
26 05 39 00-0019 EA 2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	859.99	25.82
<b>26 05 39 00-0020</b> Elbow Fittings <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0021</b> 90 Degree Horizontal Elbow <small>(26 05 39 00-0020)</small>		
26 05 39 00-0022 EA Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree.....	84.03	8.88
26 05 39 00-0023 EA Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree.....	86.68	8.88
<b>26 05 39 00-0024</b> 90 Degree Vertical Elbow <small>(26 05 39 00-0020)</small>		
26 05 39 00-0025 EA Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree.....	45.44	8.88
26 05 39 00-0026 EA Underfloor Large Duct Vertical Elbow Fitting, 90 Degree.....	46.50	8.88
<b>26 05 39 00-0027</b> Offset Elbow <small>(26 05 39 00-0020)</small>		
Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028 EA Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	45.44	10.33
26 05 39 00-0029 EA Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	46.50	10.33
<b>26 05 39 00-0030</b> Couplings <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0031</b> Sleeve Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0032 EA Underfloor Standard Duct Sleeve Coupling.....	27.69	13.77
26 05 39 00-0033 EA Underfloor Large Duct Sleeve Coupling.....	42.57	13.77
<b>26 05 39 00-0034</b> Expansion Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0035 EA Underfloor Standard Duct Expansion Coupling.....	64.40	13.77
26 05 39 00-0036 EA Underfloor Large Duct Expansion Coupling.....	65.72	14.53
<b>26 05 39 00-0037</b> Reducing Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0038 EA Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling.....	67.54	2.07
<b>26 05 39 00-0039</b> Duct Supports <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0040</b> Combination Support And Coupling <small>(26 05 39 00-0039)</small>		
Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041 EA 1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet.....	63.20	28.92
26 05 39 00-0042 EA 2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet.....	70.24	28.92
26 05 39 00-0043 EA 3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet.....	77.33	28.92
26 05 39 00-0044 EA 1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet.....	70.24	32.37
26 05 39 00-0045 EA 2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet.....	84.58	32.37
26 05 39 00-0046 EA 1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	77.33	34.43
26 05 39 00-0047 EA 2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	77.33	34.43
26 05 39 00-0048 EA 1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	84.58	34.43
<b>26 05 39 00-0049</b> Duct Support Only <small>(26 05 39 00-0039)</small>		
Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050 EA 1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	57.36	25.48
26 05 39 00-0051 EA 2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	67.55	25.48
26 05 39 00-0052 EA 3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	78.64	25.48
<b>26 05 39 00-0053</b> Underfloor Duct Accessories <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0054</b> Plugs For Unused Junction Box Openings And Duct Ends <small>(26 05 39 00-0053)</small>		
26 05 39 00-0055 EA Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends.....	5.80	2.07
26 05 39 00-0056 EA Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends.....	6.16	2.07

**26 Electrical****26 05 Common Work Results For Electrical****26 05 39 Underfloor Raceways for Electrical Systems**

**ARLINGTON**  
VIRGINIA

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 39 00-0057		<b>Conduit Adapters</b> <small>(26 05 39 00-0053)</small>			
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter .....	25.03		3.44
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter .....	26.54		3.44
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter.....	25.74		3.44
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter .....	26.46		3.44
26 05 39 00-0062		<b>Holdings And Caps</b> <small>(26 05 39 00-0053)</small>			
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories .....	158.22		28.92
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories.....	311.08		28.92
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories .....	2.01		0.69
26 05 39 00-0066		<b>Underfloor Dust Pans</b> <small>(26 05 39 00-0001)</small>			
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan.....	71.85		3.78
26 05 43		<b>Underground Ducts And Raceways For Electrical Systems</b> <small>(26 05)</small>			
		Note: Underground utilities and conduits include warning tape.			
26 05 43 00-0001		<b>Cleanouts</b> <small>(26 05 43)</small>			
26 05 43 00-0002	EA	Cleanout Cover Assembly, Non Vehicular Traffic .....	273.20		
		Note: Task include metal housing with recessed cover, non corrosive flanged expansion plug, sand cushion and gravel.			
26 05 43 00-0003	EA	Cleanout Cover Assembly, Vehicular Traffic.....	260.92		
		Note: Task include metal housing with recessed cover, non corrosive flanged expansion plug, sand cushion and a 2' x 2' x 10-1/2" concrete apron at grade and a 6" x 1'-8" concrete collar around the 4" riser pipe, 10-1/2" below finish grade.			
26 05 43 00-0004		<b>Duct Bank</b> <small>(26 05 43)</small>			
		Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.			
26 05 43 00-0005		<b>Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank</b> <small>(26 05 43 00-0004)</small>			
		Note: Includes appropriate spacers and fittings.			
26 05 43 00-0006	LF	2 At 2", Rigid Galvanized Conduit Duct Bank .....	17.14		
26 05 43 00-0007	LF	4 At 2", Rigid Galvanized Conduit Duct Bank .....	34.30		
26 05 43 00-0008	LF	2 At 3", Rigid Galvanized Conduit Duct Bank .....	35.05		
26 05 43 00-0009	LF	4 At 3", Rigid Galvanized Conduit Duct Bank .....	70.29		
26 05 43 00-0010	LF	2 At 4", Rigid Galvanized Conduit Duct Bank .....	51.54		
26 05 43 00-0011	LF	4 At 4", Rigid Galvanized Conduit Duct Bank .....	103.72		
26 05 43 00-0012	LF	6 At 4", Rigid Galvanized Conduit Duct Bank .....	156.10		
26 05 43 00-0013	LF	2 At 5", Rigid Galvanized Conduit Duct Bank .....	94.97		
26 05 43 00-0014	LF	4 At 5", Rigid Galvanized Conduit Duct Bank .....	189.30		
26 05 43 00-0015	LF	6 At 5", Rigid Galvanized Conduit Duct Bank .....	292.15		
26 05 43 00-0016	LF	2 At 6", Rigid Galvanized Conduit Duct Bank .....	135.15		
26 05 43 00-0017	LF	4 At 6", Rigid Galvanized Conduit Duct Bank .....	271.25		
26 05 43 00-0018	LF	6 At 6", Rigid Galvanized Conduit Duct Bank .....	403.07		
26 05 43 00-0019		<b>Polyvinyl Chloride (PVC), Type EB Duct Bank System</b> <small>(26 05 43 00-0004)</small>			
		Note: Includes appropriate spacers and fittings.			
26 05 43 00-0020	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	4.38		
26 05 43 00-0021	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank .....	9.64		
26 05 43 00-0022	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	18.49		
26 05 43 00-0023	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	5.80		
26 05 43 00-0024	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank .....	11.57		
26 05 43 00-0025	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	23.50		
26 05 43 00-0026	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	7.72		
26 05 43 00-0027	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	15.45		
26 05 43 00-0028	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	30.92		
26 05 43 00-0029	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	46.37		
26 05 43 00-0030	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	9.72		
26 05 43 00-0031	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	19.41		
26 05 43 00-0032	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	37.56		
26 05 43 00-0033	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	53.17		
26 05 43 00-0034	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	17.35		
26 05 43 00-0035	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	26.25		
26 05 43 00-0036	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	52.63		
26 05 43 00-0037	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	85.27		
26 05 43 00-0038		<b>Polyvinyl Chloride (PVC), Type DB Duct Bank System</b> <small>(26 05 43 00-0004)</small>			
		Note: Includes appropriate spacers and fittings.			
26 05 43 00-0039	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank.....	4.86		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0040 LF 2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	10.65	
26 05 43 00-0041 LF 4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	20.36	
26 05 43 00-0042 LF 1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	6.01	
26 05 43 00-0043 LF 2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	12.00	
26 05 43 00-0044 LF 4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	23.92	
26 05 43 00-0045 LF 1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	7.89	
26 05 43 00-0046 LF 2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	15.79	
26 05 43 00-0047 LF 4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	31.60	
26 05 43 00-0048 LF 6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	47.38	
26 05 43 00-0049 LF 1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	9.97	
26 05 43 00-0050 LF 2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	19.92	
26 05 43 00-0051 LF 4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	38.58	
26 05 43 00-0052 LF 6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	54.70	
26 05 43 00-0053 LF 1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	17.70	
26 05 43 00-0054 LF 2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	26.98	
26 05 43 00-0055 LF 4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	54.10	
26 05 43 00-0056 LF 6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	87.47	
<b>26 05 43 00-0057 Male Or Female Adapters</b> <small>(26 05 43 00-0004)</small>		
26 05 43 00-0058 EA 2" Adapter .....	23.60	
26 05 43 00-0059 EA 3" Adapter .....	33.82	
26 05 43 00-0060 EA 4" Adapter .....	43.64	
26 05 43 00-0061 EA 5" Adapter .....	66.22	
26 05 43 00-0062 EA 6" Adapter .....	82.03	
<b>26 05 53 Identification for Electrical Systems</b> <small>(26 05)</small>		
<b>26 05 53 00-0001 Conduit Markers Pressure-Sensitive</b> <small>(26 05 53)</small>		
<small>Note: Stick-on, includes arrow tape.</small>		
26 05 53 00-0002 EA 1/2" Outside Diameter Pressure Sensitive Marker Stick-on .....	7.79	
26 05 53 00-0003 EA 3/4" Outside Diameter Pressure Sensitive Marker Stick-on .....	8.13	
26 05 53 00-0004 EA 1" Outside Diameter Pressure Sensitive Marker Stick-on .....	8.82	
26 05 53 00-0005 EA 1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on .....	8.95	
26 05 53 00-0006 EA 1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on .....	9.09	
26 05 53 00-0007 EA 2" Outside Diameter Pressure Sensitive Marker Stick-on .....	9.30	
26 05 53 00-0008 EA 2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on .....	10.93	
26 05 53 00-0009 EA 3" Outside Diameter Pressure Sensitive Marker Stick-on .....	11.21	
26 05 53 00-0010 EA 3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on .....	11.41	
26 05 53 00-0011 EA 4" Outside Diameter Pressure Sensitive Marker Stick-on .....	11.62	
26 05 53 00-0012 EA 4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on .....	12.05	
26 05 53 00-0013 EA 5" Outside Diameter Pressure Sensitive Marker Stick-on .....	12.51	
26 05 53 00-0014 EA 6" Outside Diameter Pressure Sensitive Marker Stick-on .....	12.92	
26 05 53 00-0015 EA 7" Outside Diameter Pressure Sensitive Marker Stick-on .....	13.33	
26 05 53 00-0016 EA 8" Outside Diameter Pressure Sensitive Marker Stick-on .....	14.65	
26 05 53 00-0017 EA 10" Outside Diameter Pressure Sensitive Marker Stick-on .....	15.41	
<b>26 05 53 00-0018 Labeling Electrical Wires</b> <small>(26 05 53)</small>		
26 05 53 00-0019 EA Labeling Wire .....	1.48	
<b>26 05 83 Wiring Connections</b> <small>(26 05)</small>		
<b>26 05 83 00-0001 Tape Wrapped Compression Connectors</b> <small>(26 05 83)</small>		
26 05 83 00-0002 EA #6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	9.06	3.10
26 05 83 00-0003 EA #4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	9.92	3.44
26 05 83 00-0004 EA #2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	10.71	3.79
26 05 83 00-0005 EA 1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	12.36	4.13
26 05 83 00-0006 EA 2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	13.30	4.47
26 05 83 00-0007 EA 3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	14.74	4.82
26 05 83 00-0008 EA 4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	15.79	5.16
26 05 83 00-0009 EA 250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	17.20	5.50
26 05 83 00-0010 EA 300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	19.03	6.20
26 05 83 00-0011 EA 350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	19.98	6.54
26 05 83 00-0012 EA 400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	22.18	6.89
26 05 83 00-0013 EA 500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	24.11	7.23
26 05 83 00-0014 EA 750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	26.91	7.92
26 05 83 00-0015 EA 1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts .....	31.21	8.95
<b>26 05 83 00-0016 One Hole Compression Lugs</b> <small>(26 05 83)</small>		
26 05 83 00-0017 EA #22-18 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	11.86	8.95
26 05 83 00-0018 EA #16-14 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	11.94	8.95
26 05 83 00-0019 EA #12-10 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	13.50	9.64
26 05 83 00-0020 EA #8 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	16.69	10.67
26 05 83 00-0021 EA #6 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	23.46	13.77
26 05 83 00-0022 EA #4 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	27.48	13.77
26 05 83 00-0023 EA #2 AWG Low Voltage (To 600 Volts) One Hole Compression Lug .....	31.62	13.77

**26 Electrical****26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0024	EA		1/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	38.96	20.66
26 05 83 00-0025	EA		2/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	45.66	20.66
26 05 83 00-0026	EA		3/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	53.43	20.66
26 05 83 00-0027	EA		4/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	64.42	27.54
26 05 83 00-0028	EA		250 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	76.40	41.31
26 05 83 00-0029	EA		300 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	87.40	41.31
26 05 83 00-0030	EA		350 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	93.94	41.31
26 05 83 00-0031	EA		400 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	102.31	48.20
26 05 83 00-0032	EA		500 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	111.85	48.20
26 05 83 00-0033	EA		750 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	121.56	55.09
26 05 83 00-0034	EA		1,000 MCM Compression Lugs, 1 Hole, Low Voltage, To 600 Volts.....	142.87	61.98
<b>26 05 83 00-0035</b>			<b>Two Hole Compression Lugs <small>(26 05 83)</small></b>		
26 05 83 00-0036	EA		#8 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	24.20	11.70
26 05 83 00-0037	EA		#6 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	25.98	12.46
26 05 83 00-0038	EA		#4 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	27.39	12.46
26 05 83 00-0039	EA		#2 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	31.51	14.32
26 05 83 00-0040	EA		1/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	38.85	17.91
26 05 83 00-0041	EA		2/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	45.54	21.28
26 05 83 00-0042	EA		3/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	53.29	24.93
26 05 83 00-0043	EA		4/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	64.27	30.23
26 05 83 00-0044	EA		250 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	76.22	35.88
26 05 83 00-0045	EA		300 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	87.20	40.97
26 05 83 00-0046	EA		350 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	93.73	44.14
26 05 83 00-0047	EA		400 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	102.06	47.79
26 05 83 00-0048	EA		500 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	111.56	52.19
26 05 83 00-0049	EA		750 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	121.91	56.60
26 05 83 00-0050	EA		1,000 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	150.84	68.86
<b>26 05 83 00-0051</b>			<b>Tape Wrapped Split Bolt Connectors <small>(26 05 83)</small></b>		
26 05 83 00-0052	EA		#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	36.18	27.54
26 05 83 00-0053	EA		#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	39.78	29.61
26 05 83 00-0054	EA		#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	45.35	30.98
26 05 83 00-0055	EA		#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	52.63	34.43
26 05 83 00-0056	EA		1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	62.11	37.87
26 05 83 00-0057	EA		2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	69.62	41.31
26 05 83 00-0058	EA		3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	87.00	44.76
26 05 83 00-0059	EA		4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	93.33	48.20
26 05 83 00-0060	EA		250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	98.36	51.64
26 05 83 00-0061	EA		300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	112.18	56.81
26 05 83 00-0062	EA		350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	125.98	62.63
26 05 83 00-0063	EA		400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	137.96	68.86
26 05 83 00-0064	EA		500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	149.96	92.96
26 05 83 00-0065	EA		750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	166.29	96.40
26 05 83 00-0066	EA		1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	188.22	103.29
<b>26 05 83 00-0067</b>			<b>Cable Termination Lugs Handwrapped, No Stress Cone <small>(26 05 83)</small></b>		
26 05 83 00-0068	EA		#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	49.42	27.54
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.46	
26 05 83 00-0069	EA		#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	57.19	27.54
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.40	
26 05 83 00-0070	EA		1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	79.05	41.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.95	
26 05 83 00-0071	EA		4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	94.51	41.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.48	
26 05 83 00-0072	EA		300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	113.47	51.64
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.30	
26 05 83 00-0073	EA		500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	157.02	68.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.04	
<b>26 05 83 00-0074</b>			<b>Terminal Blocks <small>(26 05 83)</small></b>		
			Note: Labor excludes wire termination.		
26 05 83 00-0075	EA		Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt.....	603.76	254.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.02	
26 05 83 00-0076	EA		#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block.....	154.10	34.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.90	
26 05 83 00-0077	EA		#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block.....	169.93	34.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.12	
<b>26 05 83 00-0078</b>			<b>Parallel Gutter Tap Or Motor Connection <small>(26 05 83)</small></b>		
26 05 83 00-0079	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	24.19	12.46
26 05 83 00-0080	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	25.98	12.46
26 05 83 00-0081	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	27.39	12.46
26 05 83 00-0082	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	31.51	14.32
26 05 83 00-0083	EA		1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	38.84	17.91
26 05 83 00-0084	EA		2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	45.54	21.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0085 EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	53.29	24.93
26 05 83 00-0086 EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	64.27	30.23
26 05 83 00-0087 EA 250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	76.22	35.88
26 05 83 00-0088 EA 300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	87.20	40.97
26 05 83 00-0089 EA 350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	93.73	44.14
26 05 83 00-0090 EA 400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	102.06	47.79
26 05 83 00-0091 EA 500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	111.56	52.19
26 05 83 00-0092 EA 750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	111.82	52.19
26 05 83 00-0093 EA #8 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	24.19	12.46
26 05 83 00-0094 EA #6 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	25.98	12.46
26 05 83 00-0095 EA #4 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	27.39	12.46
26 05 83 00-0096 EA #2 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	31.51	14.32
26 05 83 00-0097 EA 1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	38.84	17.91
26 05 83 00-0098 EA 2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	45.54	21.28
26 05 83 00-0099 EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	53.29	24.93
26 05 83 00-0100 EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	64.27	30.23
26 05 83 00-0101 EA 250 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	76.22	35.88
26 05 83 00-0102 EA 300 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	87.20	40.97
26 05 83 00-0103 EA 350 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	93.73	44.14
26 05 83 00-0104 EA 400 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	102.06	47.79
26 05 83 00-0105 EA 500 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	111.56	52.19
26 05 83 00-0106 EA 750 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	111.82	52.19
 <b>26 05 83 00-0107 Copper Mechanical Lugs (26 05 83)</b>		
26 05 83 00-0108 EA #8 Copper Mechanical Lugs .....	19.04	8.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 05 83 00-0109 EA #6 Copper Mechanical Lugs .....	22.87	10.40
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.24	
26 05 83 00-0110 EA #4 Copper Mechanical Lugs .....	26.44	12.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.23	
26 05 83 00-0111 EA #2 Copper Mechanical Lugs .....	34.42	15.35
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.22	
26 05 83 00-0112 EA 1/0 Copper Mechanical Lugs .....	46.34	20.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.40	
26 05 83 00-0113 EA 2/0 Copper Mechanical Lugs .....	54.96	23.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.40	
26 05 83 00-0114 EA 3/0 Copper Mechanical Lugs .....	64.04	27.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 05 83 00-0115 EA 4/0 Copper Mechanical Lugs .....	72.70	30.91
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.53	
26 05 83 00-0116 EA 250 MCM Copper Mechanical Lugs.....	82.82	34.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 05 83 00-0117 EA 300 MCM Copper Mechanical Lugs.....	92.77	37.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.73	
26 05 83 00-0118 EA 350 MCM Copper Mechanical Lugs.....	102.69	41.31
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 05 83 00-0119 EA 400 MCM Copper Mechanical Lugs.....	112.53	44.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.83	
26 05 83 00-0120 EA 500 MCM Copper Mechanical Lugs.....	122.55	48.20
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.92	
26 05 83 00-0121 EA 750 MCM Copper Mechanical Lugs.....	139.03	54.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.95	
26 05 83 00-0122 EA 1,000 MCM Copper Mechanical Lugs.....	157.30	61.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.18	
 <b>26 05 83 00-0123 Gel Connectors (26 05 83)</b>		
26 05 83 00-0124 EA 3 Port, #14 to 2/0, Push On Gel Stub Splice Kit.....	34.44	
Note: Kit contains connector, gel filled cap and cap clamp.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.07	
26 05 83 00-0125 EA 4 Port, #14 to 2, Gel Tap Splice Kit.....	33.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.48	
 <b>26 05 83 00-0126 Other Connections (26 05 83)</b>		
26 05 83 00-0127 EA #14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	6.83	3.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
26 05 83 00-0128 EA #12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	6.88	3.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
26 05 83 00-0129 EA #10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	6.94	3.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.89	
 <b>26 05 83 00-0130 Motor/Equipment Connections And Terminations (26 05 83)</b>		
Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors.		
 <b>26 05 83 00-0131 AC Single Phase, 230 Volt (26 05 83 00-0130)</b>		
26 05 83 00-0132 EA <1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing .....	40.27	17.22
26 05 83 00-0133 EA 1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing .....	40.08	17.22
26 05 83 00-0134 EA 3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing .....	47.19	20.66

**26 Electrical****26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0135	EA		1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	57.96	25.82
26 05 83 00-0136	EA		1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.36	25.82
26 05 83 00-0137	EA		2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.43	25.82
26 05 83 00-0138	EA		3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	59.73	25.82
26 05 83 00-0139	EA		5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	77.09	34.43
26 05 83 00-0140	EA		7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	78.55	34.43
26 05 83 00-0141	EA		10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	99.01	43.04

**26 05 83 00-0142 AC Three Phase, 230 Volt** (26 05 83 00-0130)

26 05 83 00-0143	EA		1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	40.08	17.22
26 05 83 00-0144	EA		3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	47.19	20.66
26 05 83 00-0145	EA		1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	57.96	25.82
26 05 83 00-0146	EA		1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.36	25.82
26 05 83 00-0147	EA		2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.43	25.82
26 05 83 00-0148	EA		3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	59.73	25.82
26 05 83 00-0149	EA		5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	77.09	34.43
26 05 83 00-0150	EA		7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	78.55	34.43
26 05 83 00-0151	EA		10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	99.01	43.04
26 05 83 00-0152	EA		15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	100.97	43.04
26 05 83 00-0153	EA		20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	125.92	51.64
26 05 83 00-0154	EA		25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	128.90	51.64
26 05 83 00-0155	EA		30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	174.97	68.86
26 05 83 00-0156	EA		40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	219.20	86.07
26 05 83 00-0157	EA		50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	259.37	103.29
26 05 83 00-0158	EA		60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	307.35	120.50
26 05 83 00-0159	EA		75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	352.84	137.72
26 05 83 00-0160	EA		100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	438.61	172.14
26 05 83 00-0161	EA		125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	518.84	204.85
26 05 83 00-0162	EA		150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	612.46	238.94
26 05 83 00-0163	EA		200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	882.75	358.35

**26 05 83 00-0164 AC Three Phase, 460 Volt** (26 05 83 00-0130)

26 05 83 00-0165	EA		1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	40.08	17.22
26 05 83 00-0166	EA		3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	47.19	20.66
26 05 83 00-0167	EA		1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	57.96	25.82
26 05 83 00-0168	EA		1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.36	25.82
26 05 83 00-0169	EA		2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	58.43	25.82
26 05 83 00-0170	EA		3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	59.73	25.82
26 05 83 00-0171	EA		5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	77.09	34.43
26 05 83 00-0172	EA		7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	78.55	34.43
26 05 83 00-0173	EA		10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	99.01	43.04
26 05 83 00-0174	EA		15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	100.97	43.04
26 05 83 00-0175	EA		20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	125.92	51.64
26 05 83 00-0176	EA		25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	128.90	51.64
26 05 83 00-0177	EA		30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	174.97	68.86
26 05 83 00-0178	EA		40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	219.41	86.21
26 05 83 00-0179	EA		50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	259.37	103.29
26 05 83 00-0180	EA		60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	307.35	120.50
26 05 83 00-0181	EA		75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	352.84	137.72
26 05 83 00-0182	EA		100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	438.61	172.14
26 05 83 00-0183	EA		125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	519.04	204.92
26 05 83 00-0184	EA		150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	612.73	239.07
26 05 83 00-0185	EA		200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	883.35	358.62

**26 05 83 00-0186 AC Single Phase, 120 Volt** (26 05 83 00-0130)

26 05 83 00-0187	EA		1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	40.27	17.22
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**26 05 83 00-0188 Motor Moisture Sensor** (26 05 83 00-0130)

26 05 83 00-0189	EA		Motor Moisture Sensor Located In Winding.....	234.60	
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**26 09 Instrumentation and Control for Electrical Systems** (26)

Note: Includes testing of new devices and certification.

**26 09 23 Lighting Control Devices** (26 09)**26 09 23 00-0001 Lighting Contactors** (26 09 23)

Note: Up to 600 volt.

**26 09 23 00-0002 Electrically Held, Lighting Contactors** (26 09 23 00-0001)**26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors** (26 09 23 00-0002)**26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors** (26 09 23 00-0003)

26 09 23 00-0005	EA		20 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	271.82	55.09
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.05	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0006 EA 30 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	335.33 37.18	61.98
26 09 23 00-0007 EA 60 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	625.80 57.84	96.40
26 09 23 00-0008 EA 100 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	972.67 78.50	130.83
26 09 23 00-0009 EA 200 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,016.35 103.29	172.14
<b>26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)</b>		
26 09 23 00-0011 EA 20 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	306.94 37.18	61.98
26 09 23 00-0012 EA 30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	367.77 41.32	68.86
26 09 23 00-0013 EA 60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	678.21 66.10	110.18
26 09 23 00-0014 EA 100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,050.85 86.76	144.60
26 09 23 00-0015 EA 200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,164.91 113.62	189.36
<b>26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)</b>		
26 09 23 00-0017 EA 20 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	361.01 41.32	68.86
26 09 23 00-0018 EA 30 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	432.61 45.45	75.74
26 09 23 00-0019 EA 60 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	819.45 74.37	123.94
26 09 23 00-0020 EA 100 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,255.59 95.03	158.38
26 09 23 00-0021 EA 200 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,760.24 123.95	206.58
<b>26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)</b>		
<b>26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)</b>		
26 09 23 00-0024 EA 20 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	443.66 33.05	55.09
26 09 23 00-0025 EA 30 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	563.16 37.18	61.98
26 09 23 00-0026 EA 60 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,080.12 57.84	96.40
26 09 23 00-0027 EA 100 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,617.95 78.50	130.83
26 09 23 00-0028 EA 200 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,117.73 103.29	172.14
<b>26 09 23 00-0029 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)</b>		
26 09 23 00-0030 EA 20 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	460.82 37.18	61.98
26 09 23 00-0031 EA 30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	595.59 41.32	68.86
26 09 23 00-0032 EA 60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,133.86 66.10	110.18
26 09 23 00-0033 EA 100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,695.69 86.76	144.60
26 09 23 00-0034 EA 200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,265.84 113.62	189.36
<b>26 09 23 00-0035 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)</b>		
26 09 23 00-0036 EA 20 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	498.38 41.32	68.86
26 09 23 00-0037 EA 30 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	660.43 45.45	75.74
26 09 23 00-0038 EA 60 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,452.30 74.37	123.94
26 09 23 00-0039 EA 100 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,077.62 95.03	158.38
26 09 23 00-0040 EA 200 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,349.69 123.95	206.58
<b>26 09 23 00-0041 Mechanically Held, Lighting Contactors (26 09 23 00-0001)</b>		
<b>26 09 23 00-0042 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)</b>		
<b>26 09 23 00-0043 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)</b>		

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0044 EA 20 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	397.06	55.09
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.05	
26 09 23 00-0045 EA 30 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	451.69	61.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18	
26 09 23 00-0046 EA 60 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	852.29	96.40
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.84	
26 09 23 00-0047 EA 100 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,187.17	130.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.50	
26 09 23 00-0048 EA 200 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	2,712.71	172.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.29	
<b>26 09 23 00-0049 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)</b>		
26 09 23 00-0050 EA 20 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	424.90	61.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18	
26 09 23 00-0051 EA 30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	485.01	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.32	
26 09 23 00-0052 EA 60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	906.04	110.18
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.10	
26 09 23 00-0053 EA 100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,265.79	144.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.76	
26 09 23 00-0054 EA 200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	3,050.01	189.36
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.62	
<b>26 09 23 00-0055 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)</b>		
26 09 23 00-0056 EA 20 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	459.07	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.32	
26 09 23 00-0057 EA 30 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	517.43	75.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.45	
26 09 23 00-0058 EA 60 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,059.27	123.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.37	
26 09 23 00-0059 EA 100 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	1,483.41	158.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.03	
26 09 23 00-0060 EA 200 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor.....	3,678.65	206.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.95	
<b>26 09 23 00-0061 NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)</b>		
<b>26 09 23 00-0062 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)</b>		
26 09 23 00-0063 EA 20 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	590.74	55.09
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.05	
26 09 23 00-0064 EA 30 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	679.51	61.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18	
26 09 23 00-0065 EA 60 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	1,307.95	96.40
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.84	
26 09 23 00-0066 EA 100 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	1,832.46	130.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.50	
26 09 23 00-0067 EA 200 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	3,813.20	172.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.29	
<b>26 09 23 00-0068 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)</b>		
26 09 23 00-0069 EA 20 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	624.89	61.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18	
26 09 23 00-0070 EA 30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	712.83	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.32	
26 09 23 00-0071 EA 60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	1,361.69	110.18
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.10	
26 09 23 00-0072 EA 100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	1,911.52	144.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.76	
26 09 23 00-0073 EA 200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	4,151.38	189.36
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.62	
<b>26 09 23 00-0074 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)</b>		
26 09 23 00-0075 EA 20 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	661.48	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.32	
26 09 23 00-0076 EA 30 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	745.26	75.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.45	
26 09 23 00-0077 EA 60 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	1,692.12	123.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.37	
26 09 23 00-0078 EA 100 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	2,305.45	158.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.03	
26 09 23 00-0079 EA 200 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor.....	5,235.68	206.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.95	
<b>26 09 23 00-0080 Combination Lighting Contactors (26 09 23)</b>		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
Note: Up to 600 volt.					
26 09 23 00-0081			<b>Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0080)</small>		
26 09 23 00-0082			<b>NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0081)</small>		
26 09 23 00-0083			<b>3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0082)</small>		
26 09 23 00-0084	EA		30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	761.02	75.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	45.45	
26 09 23 00-0085	EA		60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	1,193.65	121.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	72.71	
26 09 23 00-0086	EA		100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	1,920.90	159.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	95.44	
26 09 23 00-0087	EA		200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	3,492.23	208.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	124.98	
26 09 23 00-0088			<b>NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0081)</small>		
26 09 23 00-0089			<b>3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0088)</small>		
26 09 23 00-0090	EA		30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	1,367.89	75.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	45.45	
26 09 23 00-0091	EA		60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	2,128.93	121.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	72.71	
26 09 23 00-0092	EA		100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	3,552.98	159.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	95.44	
26 09 23 00-0093	EA		200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	5,579.97	208.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	124.98	
26 09 23 00-0094			<b>Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0080)</small>		
26 09 23 00-0095			<b>NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0094)</small>		
26 09 23 00-0096			<b>3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0095)</small>		
26 09 23 00-0097	EA		30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	830.30	75.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	45.45	
26 09 23 00-0098	EA		60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	1,433.47	121.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	72.71	
26 09 23 00-0099	EA		100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	2,148.06	159.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	95.44	
26 09 23 00-0100	EA		200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	4,137.74	208.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	124.98	
26 09 23 00-0101			<b>NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0094)</small>		
26 09 23 00-0102			<b>3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0101)</small>		
26 09 23 00-0103	EA		30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	1,437.84	75.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	45.45	
26 09 23 00-0104	EA		60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	2,370.08	121.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	72.71	
26 09 23 00-0105	EA		100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	3,780.81	159.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	95.44	
26 09 23 00-0106	EA		200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch.....	6,225.47	208.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	124.98	
26 09 23 00-0107			<b>Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket</b> <small>(26 09 23)</small>		
26 09 23 00-0108	EA		Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket.....	79.29	17.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	10.76	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0109 EA Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.48 10.76	17.91
<b>26 09 23 00-0110 Dimming Module System (Lutron Grafik Eye) <sup>(26 09 23)</sup></b>		
26 09 23 00-0111 EA 2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	888.02 41.32	68.86
26 09 23 00-0112 EA 4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,142.84 41.32	68.86
26 09 23 00-0113 EA 6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,402.21 41.32	68.86
<b>26 09 23 00-0114 Light Control Panels <sup>(26 09 23)</sup></b>		
<b>26 09 23 00-0115 Lighting Control Panels (Watt Stopper) <sup>(26 09 23 00-0114)</sup></b>		
<b>26 09 23 00-0116 Lighting Control Panels (Watt Stopper) <sup>(26 09 23 00-0115)</sup></b>		
26 09 23 00-0117 EA 4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,167.87 57.95	96.59
26 09 23 00-0118 EA 8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,262.91 62.10	103.49
26 09 23 00-0119 EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,425.37 62.10	103.49
26 09 23 00-0120 EA 8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,756.87 62.10	103.49
26 09 23 00-0121 EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,909.84 62.10	103.49
26 09 23 00-0122 EA 4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,301.08 57.95	96.59
26 09 23 00-0123 EA 8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,396.12 62.10	103.49
26 09 23 00-0124 EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,558.57 62.10	103.49
26 09 23 00-0125 EA 8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,818.12 62.10	103.49
26 09 23 00-0126 EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,971.38 62.10	103.49
<b>26 09 23 00-0127 Accessories For Lighting Control Panels (Watt Stopper) <sup>(26 09 23 00-0115)</sup></b>		
26 09 23 00-0128 EA Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	189.47 10.35	17.25
26 09 23 00-0129 EA Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41 8.28	13.79
26 09 23 00-0130 EA Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.57 8.28	13.79
<b>26 09 23 00-0131 Lighting Control Panels (Synergy) <sup>(26 09 23 00-0114)</sup></b>		
<b>26 09 23 00-0132 Lighting Control Panels (Synergy) <sup>(26 09 23 00-0131)</sup></b>		
26 09 23 00-0133 EA 8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,408.00 62.10	103.49
<b>26 09 23 00-0134 Accessories For Lighting Control Panels (Synergy) <sup>(26 09 23 00-0131)</sup></b>		
26 09 23 00-0135 EA Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	343.51 10.35	17.25
26 09 23 00-0136 EA Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.09 4.14	6.90
26 09 23 00-0137 EA Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.84 6.21	10.35
<b>26 09 23 00-0138 Lighting Switching Panels (Lutron) <sup>(26 09 23 00-0114)</sup></b>		
<b>26 09 23 00-0139 Lighting Switching Panels (Lutron) <sup>(26 09 23 00-0138)</sup></b>		
26 09 23 00-0140 EA 8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,150.09 62.10	103.49
26 09 23 00-0141 EA 12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,569.76 66.23	110.40
26 09 23 00-0142 EA 16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,049.45 70.38	117.29
<b>26 09 23 00-0143 Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) <sup>(26 09 23 00-0114)</sup></b>		
26 09 23 00-0144 EA 6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z) ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	485.08 57.95	96.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0145 EA 12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z) .....	683.53	96.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	57.95	
26 09 23 00-0146 EA 18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z) .....	893.53	96.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	57.95	
<b>26 09 23 00-0147 Power Filters</b> <small>(26 09 23 00-0114)</small>		
26 09 23 00-0148 EA 600 Amp 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" .....	22,690.29	573.80
26 09 23 00-0149 EA 200 Amp 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" .....	13,424.56	249.47
<b>26 09 23 00-0150 Signal Filters</b> <small>(26 09 23 00-0114)</small>		
26 09 23 00-0151 EA 0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case.....	10,378.46	521.68
26 09 23 00-0152 EA 0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case.....	7,100.38	318.82
26 09 23 00-0153 EA 0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case .....	3,960.65	185.09
26 09 23 00-0154 EA 5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case .....	5,396.83	185.09
<b>26 09 23 00-0155 Radio Controlled Devices (Lutron)</b> <small>(26 09 23)</small>		
<b>26 09 23 00-0156 Tabletop Transmitters For Radio Controlled Devices</b> <small>(26 09 23 00-0155)</small>		
<i>Note: Includes surface mounting bracket.</i>		
<b>26 09 23 00-0157 Switched Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0156)</small>		
26 09 23 00-0158 EA One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH).....	258.42	10.35
26 09 23 00-0159 EA Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH).....	335.59	10.35
26 09 23 00-0160 EA Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH) .....	422.41	10.35
<b>26 09 23 00-0161 Dimmable Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0156)</small>		
26 09 23 00-0162 EA One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH) .....	258.42	10.35
26 09 23 00-0163 EA Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH) .....	306.65	10.35
26 09 23 00-0164 EA Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH).....	422.41	10.35
26 09 23 00-0165 EA One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH).....	258.42	10.35
26 09 23 00-0166 EA Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH).....	335.59	10.35
26 09 23 00-0167 EA Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH).....	422.41	10.35
<b>26 09 23 00-0168 Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0156)</small>		
26 09 23 00-0169 EA One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH) .....	335.59	10.35
26 09 23 00-0170 EA Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH).....	422.41	10.35
26 09 23 00-0171 EA One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH).....	422.41	10.35
<b>26 09 23 00-0172 Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0156)</small>		
26 09 23 00-0173 EA One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH).....	258.42	10.35
26 09 23 00-0174 EA Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH).....	335.59	10.35
26 09 23 00-0175 EA One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH).....	306.65	10.35
26 09 23 00-0176 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH).....	374.18	10.35
26 09 23 00-0177 EA One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH) .....	335.59	10.35
26 09 23 00-0178 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH) .....	403.12	10.35
26 09 23 00-0179 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH) .....	335.59	10.35
<b>26 09 23 00-0180 Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0156)</small>		
26 09 23 00-0181 EA One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	258.42	10.35
26 09 23 00-0182 EA Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	335.59	10.35
26 09 23 00-0183 EA One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH) .....	335.59	10.35
26 09 23 00-0184 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH) .....	422.41	10.35

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0185 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	335.59	10.35
26 09 23 00-0186 EA One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH) .....	422.41	10.35
<b>26 09 23 00-0187 Output Switch Closure Controls, Tabletop Wireless Transmitter (26 09 23 00-0156)</b>		
26 09 23 00-0188 EA Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	258.42	10.35
26 09 23 00-0189 EA Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH) .....	335.59	10.35
26 09 23 00-0190 EA Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH) .....	422.41	10.35
<b>26 09 23 00-0191 Accessories For Tabletop Wireless Transmitter (26 09 23 00-0156)</b>		
26 09 23 00-0192 EA Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH) .....	55.84	10.35
<b>26 09 23 00-0193 Wall Box Transmitters For Radio Controlled Devices (26 09 23 00-0155)</b>		
26 09 23 00-0194 EA On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH) .....	239.12	10.35
26 09 23 00-0195 EA Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	258.42	10.35
26 09 23 00-0196 EA Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH) .....	258.42	10.35
26 09 23 00-0197 EA Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH).....	258.42	10.35
26 09 23 00-0198 EA Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH).....	258.42	10.35
26 09 23 00-0199 EA Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH).....	258.42	10.35
<b>26 09 23 00-0200 Interfaces For Radio Controlled Devices (26 09 23 00-0155)</b>		
26 09 23 00-0201 EA Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000) .....	239.12	10.35
26 09 23 00-0202 EA Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	239.12	10.35
26 09 23 00-0203 EA Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000) .....	239.12	10.35
26 09 23 00-0204 EA Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8) .....	484.15	10.35
26 09 23 00-0205 EA RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232) .....	692.52	10.35
26 09 23 00-0206 EA Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI) .....	692.52	10.35
<b>26 09 23 00-0207 Fluorescent Controllers For Radio Controlled Devices (26 09 23 00-0155)</b>		
26 09 23 00-0208 EA On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW) .....	306.65	10.35
26 09 23 00-0209 EA Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F) .....	345.24	10.35
26 09 23 00-0210 EA Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	403.12	10.35
<b>26 09 23 00-0211 AC Motor Group Controllers For Radio Controlled Devices (26 09 23 00-0155)</b>		
26 09 23 00-0212 EA Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC) .....	451.35	10.35
26 09 23 00-0213 EA Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	620.17	10.35
<b>26 09 23 00-0214 Occupancy Sensors (Watt Stopper) (26 09 23)</b>		
Note: Includes testing of new devices and certification.		
<b>26 09 23 00-0215 Occupancy Sensors (26 09 23 00-0214)</b>		
Note: Exclude boxes.		
<b>26 09 23 00-0216 Wall Switch Mounted Occupancy Sensors (26 09 23 00-0215)</b>		
<b>26 09 23 00-0217 Ultrasonic, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0216)</b>		
26 09 23 00-0218 EA Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100).....	91.40	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0219 EA Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200).....	108.15	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
<b>26 09 23 00-0220 Passive Infrared, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0216)</b>		
26 09 23 00-0221 EA Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100) .....	66.70	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0222 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS).....	66.70	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0223 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100) .....	73.76	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0224 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WI-200).....	87.87	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0225 EA Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200).....	89.63	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
26 09 23 00-0226 EA Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD) .....	91.40	6.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	
<b>26 09 23 00-0227 Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0216)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0228 EA Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100).....	118.74	6.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.14</i>	
26 09 23 00-0229 EA Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200) .....	136.37	6.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.14</i>	
<b>26 09 23 00-0230 Wall Switch Mounted Occupancy Sensor Accessories <small>(26 09 23 00-0216)</small></b>		
26 09 23 00-0231 EA Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP).....	4.51	1.73
26 09 23 00-0232 EA One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) .....	5.65	1.73
26 09 23 00-0233 EA Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) .....	5.65	1.73
<b>26 09 23 00-0234 Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0215)</small></b>		
<b>26 09 23 00-0235 Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0234)</small></b>		
<b>26 09 23 00-0236 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small></b>		
26 09 23 00-0237 EA 500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A).....	117.48	15.52
26 09 23 00-0238 EA 1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A).....	136.00	15.52
26 09 23 00-0239 EA 2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A).....	153.63	15.52
26 09 23 00-0240 EA 90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H) .....	153.63	15.52
<b>26 09 23 00-0241 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small></b>		
26 09 23 00-0242 EA 600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605).....	125.41	15.52
26 09 23 00-0243 EA 1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105).....	143.05	15.52
26 09 23 00-0244 EA 2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205).....	160.69	15.52
26 09 23 00-0245 EA 90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255).....	160.69	15.52
<b>26 09 23 00-0246 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small></b>		
26 09 23 00-0247 EA 600 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-605).....	122.77	15.52
26 09 23 00-0248 EA 1,100 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-1105).....	140.41	15.52
26 09 23 00-0249 EA 2,200 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2205).....	158.04	15.52
26 09 23 00-0250 EA 90 LF Hallway Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2255).....	158.04	15.52
26 09 23 00-0251 EA 600 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600).....	132.47	15.52
26 09 23 00-0252 EA 1,100 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100).....	150.11	15.52
26 09 23 00-0253 EA 2,200 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200).....	168.63	15.52
26 09 23 00-0254 EA 90 LF Hallway Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250).....	168.63	15.52
<b>26 09 23 00-0255 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small></b>		
26 09 23 00-0256 EA 500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1).....	132.47	15.52
26 09 23 00-0257 EA 1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2).....	150.11	15.52
26 09 23 00-0258 EA 2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3).....	168.63	15.52
26 09 23 00-0259 EA 500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1).....	125.41	15.52
26 09 23 00-0260 EA 1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	143.05	15.52
26 09 23 00-0261 EA 2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	160.69	15.52
26 09 23 00-0262 EA 500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	125.41	15.52
26 09 23 00-0263 EA 1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	143.05	15.52
26 09 23 00-0264 EA 2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	160.69	15.52
<b>26 09 23 00-0265 Passive Infrared, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0234)</small></b>		
26 09 23 00-0266 EA 30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	96.31	15.52
26 09 23 00-0267 EA HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	98.96	15.52
26 09 23 00-0268 EA Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	110.42	15.52
26 09 23 00-0269 EA Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	115.71	15.52
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>9.32</i>	
26 09 23 00-0270 EA Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	115.71	15.52
26 09 23 00-0271 EA Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200) .....	127.18	15.52

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0272 EA Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300) .....	130.70	15.52
<b>26 09 23 00-0273 Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0234)</small>		
26 09 23 00-0274 EA 1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355) .....	165.98	15.52
26 09 23 00-0275 EA 1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300) .....	184.50	15.52
26 09 23 00-0276 EA 1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305) .....	184.50	15.52
<b>26 09 23 00-0277 Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0215)</small>		
<b>26 09 23 00-0278 Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0277)</small>		
26 09 23 00-0279 EA 120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3) .....	184.50	15.52
26 09 23 00-0280 EA 2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100) .....	184.50	15.52
<b>26 09 23 00-0281 Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0277)</small>		
26 09 23 00-0282 EA 2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200) .....	184.50	15.52
<b>26 09 23 00-0283 Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0214)</small>		
<b>26 09 23 00-0284 Single Voltage, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0285 EA 220 - 240 Volt AC, 20 Amp, Occupancy Sensor Power Pack (Watt Stopper B230E-P) .....	54.94	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0286 EA 347 Volt AC, 15 Amp, Occupancy Sensor Power Pack (Watt Stopper B347D-P) .....	54.94	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0287 Auxiliary, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0288 EA 120, 277 Or 347 Volt AC, 20 Amp, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P) .....	49.65	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0289 Universal Voltage, Power Packs For Occupancy Sensors</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0290 EA 120/277 Volt AC, 20 Amp, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100) .....	61.99	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0291 Form C, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0292 EA 120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P) .....	60.23	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0293 EA 277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P) .....	60.23	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0294 Two Relay, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0295 EA 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P) .....	75.22	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0296 EA 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P) .....	75.22	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0297 Occupancy Sensor Power Supplies</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0298 EA 120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-120) .....	145.77	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0299 EA 277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277) .....	145.77	13.79
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0300 Intelligent, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0301 EA 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100) .....	221.62	13.79
<b>26 09 23 00-0302 DIN Rail Mounted, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0283)</small>		
26 09 23 00-0303 EA 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100) .....	64.64	13.79
<b>26 09 23 00-0304 Occupancy Sensor Accessories</b> <small>(26 09 23 00-0214)</small>		
<b>26 09 23 00-0305 Protective Cages For Occupancy Sensors</b> <small>(26 09 23 00-0304)</small>		
26 09 23 00-0306 EA Protective Cage For Occupancy Sensors (Watt Stopper WC) .....	39.45	5.17





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 09 23 00-0307</b> <b>Mounting Brackets For Occupancy Sensors</b> <small>(26 09 23 00-0304)</small>		
26 09 23 00-0308    EA    Mounting Bracket For Occupancy Sensor (Watt Stopper MB).....	28.71	8.62
<i>Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.</i>		
<b>26 09 23 00-0309</b> <b>Occupancy/Lighting Logger</b> <small>(26 09 23 00-0304)</small>		
<i>Note: Logs when a space is occupied/vacant and when lighting is on/off.</i>		
26 09 23 00-0310    EA    Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200).....	297.63	29.33
<b>26 09 23 00-0311</b> <b>Remove And Reinstall Occupancy Sensors</b> <small>(26 09 23 00-0304)</small>		
26 09 23 00-0312    EA    Remove And Reinstall Surface Mounted Occupancy Sensor.....	46.57	
<i>Note: Includes storing and cleaning.</i>		
26 09 23 00-0313    EA    Remove And Reinstall Wall Switch Mounted Occupancy Sensor.....	20.70	
<i>Note: Includes storing and cleaning.</i>		
<b>26 09 23 00-0314</b> <b>Digital Time Light Switches</b> <small>(26 09 23 00-0214)</small>		
26 09 23 00-0315    EA    Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400).....	64.94	6.90
<b>26 09 23 00-0316</b> <b>Daylight Sensing Light Switches</b> <small>(26 09 23 00-0214)</small>		
26 09 23 00-0317    EA    User Adjustable Light Level Settings, Daylight Sensing Light Switch (Watt Stopper LS-100).....	87.87	6.90
<b>26 09 23 00-0318</b> <b>Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23)</small>		
<i>Note: Includes testing of new devices and certification.</i>		
<b>26 09 23 00-0319</b> <b>Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0318)</small>		
<i>Note: Exclude boxes</i>		
<b>26 09 23 00-0320</b> <b>Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0319)</small>		
<b>26 09 23 00-0321</b> <b>Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0320)</small>		
26 09 23 00-0322    EA    Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV).....	96.29	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Low Voltage Relay Option, Add</i>		
	7.50	
26 09 23 00-0323    EA    Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL).....	68.79	6.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0324    EA    Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD).....	65.77	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0325    EA    Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA).....	65.77	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0326    EA    2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P).....	82.54	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0327    EA    Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS).....	82.54	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
26 09 23 00-0328    EA    2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P).....	99.73	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
26 09 23 00-0329    EA    Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD).....	82.54	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<b>26 09 23 00-0330</b> <b>Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0320)</small>		
<i>Note: Includes passive infrared and microphonics detection</i>		
26 09 23 00-0331    EA    Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV).....	123.79	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Low Voltage Relay Option, Add</i>		
	7.50	
26 09 23 00-0332    EA    Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL).....	96.29	6.90
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0333    EA    Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT).....	94.23	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	
26 09 23 00-0334    EA    Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA).....	94.23	6.90
<i>For Low Temp/High Humidity Option, Add</i>		
	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>		
	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	4.14	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0335	EA		2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P) ..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.04 6.25 7.50 4.14	6.90
26 09 23 00-0336	EA		Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	110.04 6.25 7.50	6.90
26 09 23 00-0337	EA		2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	118.29 6.25 7.50	6.90
<b>26 09 23 00-0338</b>			<b>Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch)</b> <small>(26 09 23 00-0320)</small>		
26 09 23 00-0339	EA		One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX) .....	8.95	1.73
26 09 23 00-0340	EA		One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX).....	8.95	1.73
26 09 23 00-0341	EA		Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3) .....	17.20	1.73
26 09 23 00-0342	EA		Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3).....	17.20	1.73
<b>26 09 23 00-0343</b>			<b>360 Degree View Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0319)</small>		
<b>26 09 23 00-0344</b>			<b>Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch)</b> <small>(26 09 23 00-0343)</small>		
			Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0345	EA		Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9) .....	113.55	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	6.25 7.50 18.75 12.50 7.50	
26 09 23 00-0346	EA		Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9) .....	113.55	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	6.25 7.50 18.75 12.50 7.50	
26 09 23 00-0347	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9) .....	113.55	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	6.25 7.50 18.75 12.50 7.50	
26 09 23 00-0348	EA		Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9).....	120.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 12.50 9.32	
26 09 23 00-0349	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9).....	120.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 12.50 9.32	
26 09 23 00-0350	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9).....	98.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dimming Capability, Add</i> <i>For Occupancy Controlled Dimming Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 12.50 9.32	
26 09 23 00-0351	EA		2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P).....	147.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dual Zone On/Off, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 9.32	
26 09 23 00-0352	EA		2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	147.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dual Zone On/Off, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 9.32	
26 09 23 00-0353	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	125.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Photocell Option With Dual Zone On/Off, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.25 7.50 18.75 9.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0354 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10) .....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0355 EA Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10) .....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0356 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10) .....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0357 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10) .....	120.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
26 09 23 00-0358 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10) .....	120.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0359 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10) .....	98.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0360 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P) .....	147.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0361 EA 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P) .....	147.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0362 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P) .....	125.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 09 23 00-0363 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) <sup>(26</sup></b>		
<small>09 23 00-0343)</small>		
Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0364 EA Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9) .....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0365 EA Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9) .....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0366 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9) .....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dimming Capability, Add</i>	18.75	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0367	EA		Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9).....	134.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0368	EA		Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9).....	134.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0369	EA		Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9).....	112.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0370	EA		2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P).....	161.67	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dual Zone On/Off, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0371	EA		2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P).....	161.67	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dual Zone On/Off, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0372	EA		2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P).....	139.67	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dual Zone On/Off, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0373	EA		Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10).....	141.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0374	EA		Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10).....	141.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0375	EA		Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10).....	141.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0376	EA		Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10).....	134.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0377	EA		Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	134.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0378	EA		Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10).....	112.17	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dimming Capability, Add</i>	18.75	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0379	EA		2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	161.67	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photozell (Inhibit Mode Only) Option, Add</i>	7.50	
			<i>For Photozell Option With Dual Zone On/Off, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0380 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	161.67	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0381 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	139.67	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 09 23 00-0382 Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0319)</b>		
<b>26 09 23 00-0383 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0382)</b>		
26 09 23 00-0384 EA Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16).....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0385 EA Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	127.30	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0386 EA Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	154.80	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Ceiling Mount, Add</i>	12.50	
26 09 23 00-0387 EA Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	147.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0388 EA 2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	175.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 09 23 00-0389 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0382)</b>		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0390 EA Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0391 EA Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16).....	161.67	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0392 EA 2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	189.17	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	7.50	
<i>For Ceiling Mount, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
<b>26 09 23 00-0393 High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0319)</b>		
<b>26 09 23 00-0394 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0393)</b>		
26 09 23 00-0395 EA Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6).....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Photocell Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0396 EA Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	113.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Photocell Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0397	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6) .....	113.55	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0398	EA		Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6) .....	98.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Start To High, HID Option, Add</i>	7.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0399	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6) .....	98.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Start To High, HID Option, Add</i>	7.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0400	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6) .....	98.43	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Start To High, HID Option, Add</i>	7.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0401	EA		2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P) .....	125.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0402	EA		2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P) .....	125.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0403	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P) .....	125.93	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0404	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0405	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0406	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0407	EA		480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0408	EA		480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0409	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480) .....	108.05	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Photocell Option, Add</i>	12.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0410	EA		Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50) .....	127.30	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0411	EA		Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50) .....	127.30	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
			<i>For Low Voltage Relay Option, Add</i>	7.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0412 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50) .....	127.30	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Photocell Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0413 EA Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50) .....	153.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Start To High, HID Option, Add</i>	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0414 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50) .....	153.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Start To High, HID Option, Add</i>	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0415 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50) .....	153.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Photocell Option, Add</i>	12.50	
<i>For Start To High, HID Option, Add</i>	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0416 EA 2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P) .....	135.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0417 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P) .....	135.55	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell Option, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0418 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208) .....	114.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0419 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208) .....	114.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell Option, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0420 EA 480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480) .....	114.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0421 EA 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480) .....	114.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Photocell Option, Add</i>	12.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0422 EA Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10) .....	127.30	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0423 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10) .....	127.30	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Low Voltage Relay Option, Add</i>	7.50	
26 09 23 00-0424 EA Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10) .....	153.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Start To High, HID Option, Add</i>	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0425 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10) .....	153.43	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Occupancy Controlled Dimming Option, Add</i>	12.50	
<i>For Start To High, HID Option, Add</i>	7.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0426 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P) .....	147.93	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0427 EA 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480) .....	134.17	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0428 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208) .....	134.17	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 09 23 00-0429 Occupancy Sensor Power Packs (Sensor Switch) (26 09 23 00-0318)</b>					
26 09 23 00-0430	EA		Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20).....	66.10	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0431	EA		2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P).....	93.60	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0432	EA		Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20).....	52.35	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0433	EA		2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20).....	48.22	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0434	EA		20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20).....	61.98	13.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0435	EA		120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH).....	96.35	13.79
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0436	EA		120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR).....	96.35	13.79
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
26 09 23 00-0437	EA		120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM).....	96.35	13.79
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.28	
<b>26 09 23 00-0438 Occupancy Sensor Accessories (Sensor Switch) (26 09 23 00-0318)</b>					
<b>26 09 23 00-0439 Remove And Reinstall Occupancy Sensors (26 09 23 00-0438)</b>					
26 09 23 00-0440	EA		Remove And Reinstall Wall Switch Mounted Occupancy Sensor.....	20.70	
			Note: Includes storing and cleaning.		
26 09 23 00-0441	EA		Remove And Reinstall Surface Mounted Occupancy Sensor.....	46.57	
			Note: Includes storing and cleaning.		
<b>26 09 23 00-0442 Daylighting Control (Sensor Switch) (26 09 23 00-0318)</b>					
26 09 23 00-0443	EA		Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0444	EA		Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0445	EA		Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0446	EA		Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For 480 Volt AC Option, Add</i>	8.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0447	EA		Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For 480 Volt AC Option, Add</i>	8.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0448	EA		Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For 480 Volt AC Option, Add</i>	8.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0449	EA		Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0450	EA		Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0451	EA		Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0452	EA		Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0453	EA		Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0454	EA		Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	99.80	15.52
			<i>For Low Temp/High Humidity Option, Add</i>	6.25	
			<i>For Dual Zone Option, Add</i>	18.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0455 EA Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0456 EA Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0457 EA Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
26 09 23 00-0458 EA Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0459 EA Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0460 EA Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	141.05	15.52
<i>For Low Temp/High Humidity Option, Add</i>	6.25	
<i>For Dual Zone Option, Add</i>	18.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.32	
26 09 23 00-0461 Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23)</small>		
<i>Note: Includes testing of new devices and certification.</i>		
26 09 23 00-0462 Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0461)</small>		
<i>Note: Excludes boxes.</i>		
26 09 23 00-0463 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0462)</small>		
26 09 23 00-0464 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0463)</small>		
<i>Note: Includes passive infrared and microphonics detection</i>		
26 09 23 00-0465 EA Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX).....	170.81	6.90
26 09 23 00-0466 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0462)</small>		
26 09 23 00-0467 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0466)</small>		
<i>Note: One photocell or dimming option per occupancy sensor</i>		
26 09 23 00-0468 EA Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9).....	203.59	15.52
26 09 23 00-0469 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10).....	203.59	15.52
26 09 23 00-0470 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC).....	203.59	15.52
26 09 23 00-0471 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0466)</small>		
<i>Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection</i>		
26 09 23 00-0472 EA Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9).....	238.10	15.52
26 09 23 00-0473 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10).....	238.10	15.52
26 09 23 00-0474 EA 2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P).....	246.72	15.52
26 09 23 00-0475 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0462)</small>		
26 09 23 00-0476 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0475)</small>		
<i>Note: Includes passive infrared and microphonics detection</i>		
26 09 23 00-0477 EA Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16).....	238.10	15.52
26 09 23 00-0478 High Bay Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0462)</small>		
26 09 23 00-0479 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) <small>(26 09 23 00-0478)</small>		
26 09 23 00-0480 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6).....	203.59	15.52
26 09 23 00-0481 Occupancy Sensor Power Packs (Sensor Switch nLight®) <small>(26 09 23 00-0461)</small>		

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0482 EA 150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	70.73	13.79
26 09 23 00-0483 EA 250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	88.00	13.79
26 09 23 00-0484 EA 30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO).....	117.32	13.79
26 09 23 00-0485 EA System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16).....	117.32	13.79
<b>26 09 23 00-0486 Occupancy Sensor Accessories (Sensor Switch nLight®) (26 09 23 00-0461)</b>		
26 09 23 00-0487 EA RS232 AV Integrator (Sensor Switch nLight® nIO X).....	246.72	15.52
26 09 23 00-0488 EA 8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT).....	333.02	15.52
<b>26 09 23 00-0489 Daylighting Controls (Sensor Switch nLight®) (26 09 23 00-0461)</b>		
26 09 23 00-0490 EA Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC).....	169.09	15.52
<b>26 09 23 00-0491 Controls (Sensor Switch nLight®) (26 09 23 00-0461)</b>		
26 09 23 00-0492 EA On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	112.15	15.52
26 09 23 00-0493 EA 1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB).....	160.47	15.52
26 09 23 00-0494 EA On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM).....	367.51	15.52
26 09 23 00-0495 EA 3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX).....	367.51	15.52
26 09 23 00-0496 EA 3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	1,368.27	15.52
<b>26 09 23 00-0497 Occupancy Sensors (Lutron) (26 09 23)</b>		
Note: Includes testing of new devices and certification.		
<b>26 09 23 00-0498 Wireless Occupancy Sensors (26 09 23 00-0497)</b>		
26 09 23 00-0499 EA Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH).....	88.78	15.52
26 09 23 00-0500 EA Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH).....	88.78	15.52
26 09 23 00-0501 EA Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	88.78	15.52
26 09 23 00-0502 EA Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH).....	88.78	15.52
26 09 23 00-0503 EA Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH).....	88.78	15.52
26 09 23 00-0504 EA Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH).....	88.78	15.52
26 09 23 00-0505 EA Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	88.78	15.52
26 09 23 00-0506 EA Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V).....	61.47	15.52
26 09 23 00-0507 EA Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH).....	132.29	15.52
26 09 23 00-0508 EA Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	140.72	15.52
26 09 23 00-0509 EA Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH).....	165.89	15.52
26 09 23 00-0510 EA Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	179.79	15.52
26 09 23 00-0511 EA Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH).....	179.18	15.52
26 09 23 00-0512 EA Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	190.91	15.52
26 09 23 00-0513 EA Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH).....	123.54	15.52
26 09 23 00-0514 EA Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH).....	109.13	15.52
26 09 23 00-0515 EA Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH).....	140.05	15.52
26 09 23 00-0516 EA Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH).....	145.93	15.52
26 09 23 00-0517 EA Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH).....	172.90	15.52
26 09 23 00-0518 EA Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH).....	143.40	15.52
<b>26 09 23 00-0519 Nodes And Modules (26 09 23 00-0497)</b>		
26 09 23 00-0520 EA 0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C).....	126.13	15.52
26 09 23 00-0521 EA 0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J).....	126.13	15.52
26 09 23 00-0522 EA 4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C).....	164.16	15.52
26 09 23 00-0523 EA 4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J).....	164.16	15.52
26 09 23 00-0524 EA 120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH).....	222.53	17.25
26 09 23 00-0525 EA 120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH).....	236.63	17.25
26 09 23 00-0526 EA 120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH).....	278.68	17.25
26 09 23 00-0527 EA 120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH).....	280.26	17.25
26 09 23 00-0528 EA 120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH).....	348.19	17.25
26 09 23 00-0529 EA 120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH).....	380.05	17.25
26 09 23 00-0530 EA 120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH).....	365.95	17.25
26 09 23 00-0531 EA 1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2).....	857.43	27.60
26 09 23 00-0532 EA 2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4).....	1,136.79	31.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0533 EA 3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6).....	1,421.00	34.50
<b>26 09 23 00-0534 Other Accessories</b> <small>(26 09 23 00-0497)</small>		
26 09 23 00-0535 EA Pico® Wireless Control Wallplate Adapter (Lutron® PJ) .....	23.01	
26 09 23 00-0536 EA Pico® Wireless Control (Lutron® PJ) .....	43.11	
26 09 23 00-0537 EA 4-Scene Wireless Remote Control (Lutron® GRX-IT-WH) .....	77.32	
26 09 23 00-0538 EA 8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH) .....	159.35	
26 09 23 00-0539 EA 4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL).....	146.34	15.52
26 09 23 00-0540 EA seeTouch® QS Wallstation (Lutron® QSWS2) .....	218.39	15.52
26 09 23 00-0541 EA seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2) .....	247.21	15.52
26 09 23 00-0542 EA 120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S) .....	351.54	17.25
26 09 23 00-0543 EA 120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S) .....	466.83	17.25
26 09 23 00-0544 EA Control Interface (Lutron® QSE-CI-NWK-E).....	571.47	15.52
26 09 23 00-0545 EA 1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S) .....	576.01	15.52
26 09 23 00-0546 EA 2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S) .....	770.64	15.52
26 09 23 00-0547 MLF 5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S) .....	1,253.78	482.01
26 09 23 00-0548 MLF 5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S).....	1,711.63	482.01
<b>26 09 23 00-0549 Fixture Mounted Occupancy Sensors (Leviton)</b> <small>(26 09 23)</small>		
<small>Note: Includes testing of new devices and certification.</small>		
26 09 23 00-0550 EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW).....	90.20	15.52
26 09 23 00-0551 EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W) .....	99.10	15.52
26 09 23 00-0552 EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW) .....	95.44	15.52
26 09 23 00-0553 EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W) .....	106.00	15.52
<b>26 09 23 00-0554 Wireless Enabled Communication Devices For Streetlights</b> <small>(26 09 23)</small>		
<small>Note: Includes testing of new devices and certification.</small>		
<b>26 09 23 00-0555 Wireless Enabled Communication Devices For Streetlights (Roam®)</b> <small>(26 09 23 00-0554)</small>		
<b>26 09 23 00-0556 Wireless Enabled Communication Nodes For Streetlights (Roam®)</b> <small>(26 09 23 00-0555)</small>		
<small>Note: 2.4GHz wireless enabled communication node for wireless remote on/off, group scheduling, photocontrol and diagnostics.</small>		
26 09 23 00-0557 EA 120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1).....	174.56	
26 09 23 00-0558 EA 480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1).....	243.57	
<b>26 09 23 00-0559 Wireless Enabled Communication Devices For Streetlights (Roam®)</b> <small>(26 09 23 00-0555)</small>		
26 09 23 00-0560 EA Retrofit Receptacle Kit (Roam® DUR103).....	31.35	
<small>Note: For adapting light fixtures for use with a NEMA locking type photocontrol.</small>		
26 09 23 00-0561 EA Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127) .....	6,978.83	38.53
<b>26 09 23 00-0562 Consoles</b> <small>(26 09 23)</small>		
26 09 23 00-0563 EA 20" x 24" Type 12, Oil Tight Consolelets, Counter Mounted (Schaefer's SPCL-20C24).....	356.54	86.07
<b>26 09 23 00-0564 Emergency Lighting Controls</b> <small>(26 09 23)</small>		
<b>26 09 23 00-0565 Emergency Lighting Control Units (Watt Stopper ELCU)</b> <small>(26 09 23 00-0564)</small>		
<small>Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.</small>		
26 09 23 00-0566 EA DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100) .....	137.40	17.25
26 09 23 00-0567 EA 1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200) .....	134.25	17.25
<b>26 09 23 00-0568 Emergency Shunt Relays (Lighting Control &amp; Design GR 2001™)</b> <small>(26 09 23 00-0564)</small>		
<small>Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.</small>		
26 09 23 00-0569 EA 1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™) .....	204.17	24.15
26 09 23 00-0570 EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™) .....	277.80	27.60
26 09 23 00-0571 EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual).....	373.83	31.05
<small>Note: Controls normal and emergency lighting from single-pole wall switch.</small>		
<b>26 09 23 00-0572 Photocells</b> <small>(26 09 23)</small>		
26 09 23 00-0573 EA Plug-In Photocell For Lighting Fixtures .....	51.92	
26 09 23 00-0574 EA Wired Photocell For Lighting Fixtures .....	121.24	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 09 23 Lighting Control Devices**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST
**26 20 Low-Voltage Electrical Distribution** (26)**26 21 Low-Voltage Electrical Service Entrance** (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

**26 21 13 Low-Voltage Overhead Electrical Service Entrance** (26 21)

26 21 13 00-0001	Service Drop Cable And Weatherheads	<small>(26 21 13)</small>		
26 21 13 00-0002	600 Volt Insulated Stranded Conductors	<small>(26 21 13 00-0001)</small>		
26 21 13 00-0003	Aluminum Duplex ACSR Neutral	<small>(26 21 13 00-0002)</small>		
26 21 13 00-0004	LF #6 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		4.76	1.83
26 21 13 00-0005	LF #4 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		5.70	2.17
26 21 13 00-0006	LF #2 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		6.59	2.45
26 21 13 00-0007	LF #1/0 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		8.59	3.08

**26 21 13 00-0008 Aluminum Triplex ACSR Neutral** (26 21 13 00-0002)

26 21 13 00-0009	LF #6 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		5.74	2.17
26 21 13 00-0010	LF #4 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		6.54	2.45
26 21 13 00-0011	LF #2 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		8.28	3.08
26 21 13 00-0012	LF #1/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		10.26	3.75
26 21 13 00-0013	LF #2/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		13.46	4.97
26 21 13 00-0014	LF #4/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		16.98	6.16
26 21 13 00-0015	LF 336 MCM Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		21.70	7.33

**26 21 13 00-0016 Aluminum Quadruplex ACSR Neutral** (26 21 13 00-0002)

26 21 13 00-0017	LF #6 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		6.55	2.45
26 21 13 00-0018	LF #4 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		8.27	3.08
26 21 13 00-0019	LF #2 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		10.65	3.95
26 21 13 00-0020	LF #1/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		13.71	4.97
26 21 13 00-0021	LF #2/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		15.22	5.50
26 21 13 00-0022	LF #3/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		17.40	6.16
26 21 13 00-0023	LF #4/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		20.56	7.33
26 21 13 00-0024	LF 336 MCM Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....		24.52	8.10

**26 21 13 00-0025 Aluminum Triplex For Underground Service, Direct Burial** (26 21 13 00-0002)

Note: Excludes excavation and backfill.

26 21 13 00-0026	MLF #6 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		2,091.07	684.34
26 21 13 00-0027	MLF #4 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		2,316.86	724.61
26 21 13 00-0028	MLF #2 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		2,625.50	769.87
26 21 13 00-0029	MLF #1/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		2,925.81	769.87
26 21 13 00-0030	MLF #2/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		3,210.15	821.23
26 21 13 00-0031	MLF #3/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		3,777.20	947.56
26 21 13 00-0032	MLF #4/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....		4,721.77	1,231.80

**26 21 13 00-0033 Weather Proof Conduit Hubs** (26 21 13 00-0002)

26 21 13 00-0034	EA 1/2" Weatherproof Conduit Hubs.....		32.61	12.12
26 21 13 00-0035	EA 3/4" Weatherproof Conduit Hubs.....		37.25	13.77
26 21 13 00-0036	EA 1" Weatherproof Conduit Hubs.....		43.86	15.42
26 21 13 00-0037	EA 1-1/4" Weatherproof Conduit Hubs.....		62.07	20.66
26 21 13 00-0038	EA 1-1/2" Weatherproof Conduit Hubs.....		68.69	22.31
26 21 13 00-0039	EA 2" Weatherproof Conduit Hubs.....		91.81	25.89
26 21 13 00-0040	EA 2-1/2" Weatherproof Conduit Hubs.....		125.61	29.20
26 21 13 00-0041	EA 3" Weatherproof Conduit Hubs.....		165.63	34.43
26 21 13 00-0042	EA 4" Weatherproof Conduit Hubs.....		285.13	68.86

**26 21 13 00-0043 Service Entrance Cap, Threaded Weatherhead, Galvanized** (26 21 13 00-0002)

26 21 13 00-0044	EA 1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....		36.34	12.12
26 21 13 00-0045	EA 3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....		41.72	13.77
26 21 13 00-0046	EA 1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....		47.86	15.42
26 21 13 00-0047	EA 1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....		64.33	20.66
26 21 13 00-0048	EA 1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....		73.07	22.31
26 21 13 00-0049	EA 2" Galvanized Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....		97.03	25.89
26 21 13 00-0050	EA 2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service.....		167.53	29.20
26 21 13 00-0051	EA 3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....		190.35	34.43
26 21 13 00-0052	EA 4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....		309.32	68.86

**26 21 13 00-0053 Service Entrance Cap, Clamp-On Weatherhead, Aluminum** (26 21 13 00-0002)

26 21 13 00-0054	EA 1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....		34.76	12.12
26 21 13 00-0055	EA 3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....		39.22	13.77
26 21 13 00-0056	EA 1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service.....		44.52	15.35
26 21 13 00-0057	EA 1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....		59.16	20.66
26 21 13 00-0058	EA 1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....		66.07	22.31



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Electrical Service Entrance	26 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0059 EA 2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....	77.95	25.89
26 21 13 00-0060 EA 2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service.....	129.90	29.20
26 21 13 00-0061 EA 3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....	168.33	34.43
26 21 13 00-0062 EA 3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service.....	236.52	51.64
26 21 13 00-0063 EA 4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....	282.39	68.86

**26 21 13 00-0064 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) <sup>(26 21 13 00-0002)</sup>**

26 21 13 00-0065 EA 1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....	35.56	12.12
26 21 13 00-0066 EA 3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....	40.88	13.77
26 21 13 00-0067 EA 1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	46.86	15.35
26 21 13 00-0068 EA 1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	62.20	20.66
26 21 13 00-0069 EA 1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	68.14	22.31
26 21 13 00-0070 EA 2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....	86.56	25.89
26 21 13 00-0071 EA 2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service.....	173.54	29.20
26 21 13 00-0072 EA 3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....	190.97	34.43
26 21 13 00-0073 EA 3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service.....	343.52	51.64
26 21 13 00-0074 EA 4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....	481.23	68.86

**26 24 Switchboards And Panelboards <sup>(26 24)</sup>**

**26 24 13 Switchboards <sup>(26 24)</sup>**

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

**26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire <sup>(26 24 13)</sup>**

**26 24 13 00-0002 Incoming Service Section Main Device Only <sup>(26 24 13 00-0001)</sup>**

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003 EA 400 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	3,191.24	602.30
26 24 13 00-0004 EA 600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	3,568.99	637.08
26 24 13 00-0005 EA 800 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	6,156.15	722.68
26 24 13 00-0006 EA 1,200 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	6,636.22	774.73
26 24 13 00-0007 EA 1,600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	11,180.99	826.02
26 24 13 00-0008 EA 2,000 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire.....	12,524.89	878.30
26 24 13 00-0009 EA 400 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	4,025.82	602.30
26 24 13 00-0010 EA 600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	5,327.87	637.08
26 24 13 00-0011 EA 800 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	7,637.40	723.29
26 24 13 00-0012 EA 1,200 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	10,721.10	774.73
26 24 13 00-0013 EA 1,600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	11,180.99	826.86
26 24 13 00-0014 EA 2,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	12,524.89	878.30
26 24 13 00-0015 EA 2,500 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	15,231.60	918.23
26 24 13 00-0016 EA 3,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	17,329.23	983.72
26 24 13 00-0017 EA 4,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire.....	20,589.94	1,060.43
26 24 13 00-0018 EA 400 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	2,005.38	533.66
26 24 13 00-0019 EA 600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	2,246.44	568.15
26 24 13 00-0020 EA 800 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	2,568.71	654.02
26 24 13 00-0021 EA 1,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	2,795.01	681.50
26 24 13 00-0022 EA 1,200 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	3,004.02	706.08
26 24 13 00-0023 EA 1,600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	3,314.65	757.03
26 24 13 00-0024 EA 2,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire.....	3,589.43	808.95

**26 24 13 00-0025 Branch Breaker Units <sup>(26 24 13 00-0001)</sup>**

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026 EA 15 - 60 Amp MC Branch Breaker, 240 Volt.....	312.86	21.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.60	
26 24 13 00-0027 EA 70 - 100 Amp MC Branch Breaker, 240 Volt.....	455.47	33.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.83	
26 24 13 00-0028 EA 125 - 225 Amp MC Branch Breaker, 240 Volt.....	1,259.80	60.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.15	
26 24 13 00-0029 EA 100 - 400 Amp MC Branch Breaker, 240 Volt.....	2,273.07	78.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	47.10	
26 24 13 00-0030 EA 300 - 600 Amp MC Branch Breaker, 240 Volt.....	3,981.19	192.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.67	
26 24 13 00-0031 EA 400 - 800 Amp MC Branch Breaker, 240 Volt.....	6,522.17	192.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.67	
26 24 13 00-0032 EA 600 - 1,200 Amp MC Branch Breaker, 240 Volt.....	10,534.58	343.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	206.16	

**26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire <sup>(26 24 13)</sup>**

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0034			<b>Incoming Service Section Main Device Only</b> (26 24 13 00-0033) Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA		400 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire .....	4,553.35	781.55
26 24 13 00-0036	EA		600 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire .....	5,138.69	781.55
26 24 13 00-0037	EA		800 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire .....	8,030.33	1,015.67
26 24 13 00-0038	EA		1,200 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire .....	9,175.50	1,015.67
26 24 13 00-0039			<b>Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire</b> (26 24 13)		
26 24 13 00-0040			<b>Incoming Service Section Main Device Only</b> (26 24 13 00-0039) Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA		200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire .....	2,881.99	533.66
26 24 13 00-0042	EA		600 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire .....	3,242.20	568.15
26 24 13 00-0043	EA		800 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire .....	5,244.00	654.02
26 24 13 00-0044	EA		1,200 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire .....	5,704.13	705.53
26 24 13 00-0045	EA		200/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	3,674.25	533.66
26 24 13 00-0046	EA		600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	4,775.93	568.15
26 24 13 00-0047	EA		800 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	6,889.46	654.02
26 24 13 00-0048	EA		1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	10,191.91	705.53
26 24 13 00-0049	EA		2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	12,011.71	791.87
26 24 13 00-0050	EA		200/400 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	1,901.21	464.73
26 24 13 00-0051	EA		600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	2,158.14	499.29
26 24 13 00-0052	EA		800 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	2,534.72	585.16
26 24 13 00-0053	EA		1,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	2,750.51	612.64
26 24 13 00-0054	EA		1,200 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	2,961.99	637.08
26 24 13 00-0055	EA		1,600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	3,226.84	681.50
26 24 13 00-0056	EA		2,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	3,488.67	722.68
26 24 13 00-0057	EA		2,500 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	4,333.63	895.16
26 24 13 00-0058	EA		3,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	4,876.30	981.23
26 24 13 00-0059	EA		4,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire.....	5,860.53	1,058.70
26 24 13 00-0060			<b>Branch Breaker Units</b> (26 24 13 00-0039) Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061	EA		15 - 60 Amp MC Branch Breaker, 120 / 240 Volt.....	159.40	18.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.95	
26 24 13 00-0062	EA		70 - 100 Amp MC Branch Breaker, 120 / 240 Volt.....	251.54	30.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.18	
26 24 13 00-0063	EA		125 - 225 Amp MC Branch Breaker, 120 / 240 Volt.....	829.56	42.34
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 24 13 00-0064	EA		100 - 400 Amp MC Branch Breaker, 120 / 240 Volt.....	2,470.33	54.40
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.64	
26 24 13 00-0065	EA		300 - 600 Amp MC Branch Breaker, 120 / 240 Volt.....	3,831.94	132.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.52	
26 24 13 00-0066	EA		400 - 800 Amp MC Branch Breaker, 120 / 240 Volt.....	5,518.03	132.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.52	
26 24 13 00-0067	EA		600 - 1,200 Amp MC Branch Breaker, 120 / 240 Volt.....	9,055.11	253.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.85	
26 24 13 00-0068			<b>Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire</b> (26 24 13)		
26 24 13 00-0069			<b>Incoming Service Section Main Device Only</b> (26 24 13 00-0068) Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070	EA		400 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	3,192.08	602.30
26 24 13 00-0071	EA		600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	3,568.04	637.08
26 24 13 00-0072	EA		800 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	6,154.93	722.68
26 24 13 00-0073	EA		1,200 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	6,634.82	774.73
26 24 13 00-0074	EA		1,600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	11,177.81	826.02
26 24 13 00-0075	EA		2,000 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire .....	12,524.89	878.30
26 24 13 00-0076	EA		400 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	4,026.66	602.30
26 24 13 00-0077	EA		600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	5,326.92	637.08
26 24 13 00-0078	EA		800 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	7,637.40	723.29
26 24 13 00-0079	EA		1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	10,719.70	774.73
26 24 13 00-0080	EA		1,600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	11,179.39	826.86
26 24 13 00-0081	EA		2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire.....	12,524.89	878.30
26 24 13 00-0082	EA		400 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	2,138.82	533.66
26 24 13 00-0083	EA		600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	2,427.93	568.15
26 24 13 00-0084	EA		800 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	2,841.83	654.02
26 24 13 00-0085	EA		1,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	3,086.33	681.50
26 24 13 00-0086	EA		1,200 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	3,325.12	706.08
26 24 13 00-0087	EA		1,600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	3,621.65	757.03
26 24 13 00-0088	EA		2,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	3,921.90	808.95
26 24 13 00-0089	EA		2,500 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	4,707.96	919.27
26 24 13 00-0090	EA		3,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	5,252.47	983.65
26 24 13 00-0091	EA		4,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire.....	6,335.53	1,056.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 13 00-0092</b> <b>Branch Breaker Units</b> <small>(26 24 13 00-0068)</small>		
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093     EA    15 - 60 Amp MC Branch Breaker, 120/208 Volt.....	312.86	21.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	12.60	
26 24 13 00-0094     EA    70 - 100 Amp MC Branch Breaker, 120/208 Volt.....	455.47	33.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	19.83	
26 24 13 00-0095     EA    125 - 225 Amp MC Branch Breaker, 120/208 Volt.....	1,259.80	60.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	36.15	
26 24 13 00-0096     EA    100 - 400 Amp MC Branch Breaker, 120/208 Volt.....	2,273.07	78.50
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	47.10	
26 24 13 00-0097     EA    300 - 600 Amp MC Branch Breaker, 120/208 Volt.....	3,981.19	192.80
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	115.67	
26 24 13 00-0098     EA    400 - 800 Amp MC Branch Breaker, 120/208 Volt.....	6,522.17	192.80
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	115.67	
26 24 13 00-0099     EA    600 - 1,200 Amp MC Branch Breaker, 120/208 Volt.....	10,534.58	343.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	206.16	
<b>26 24 13 00-0100</b> <b>Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire</b> <small>(26 24 13)</small>		
<b>26 24 13 00-0101</b> <b>Incoming Service Section Main Device Only</b> <small>(26 24 13 00-0100)</small>		
Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0102     EA    400 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire.....	4,079.64	826.02
26 24 13 00-0103     EA    600 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire.....	4,514.27	878.30
26 24 13 00-0104     EA    800 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire.....	6,766.70	980.34
26 24 13 00-0105     EA    1,200 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire.....	7,425.09	1,049.68
26 24 13 00-0106     EA    400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	5,496.57	826.02
26 24 13 00-0107     EA    600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	7,690.08	878.30
26 24 13 00-0108     EA    800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	8,730.97	981.44
26 24 13 00-0109     EA    1,200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	11,269.58	1,049.68
26 24 13 00-0110     EA    1,600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	11,764.31	1,119.30
26 24 13 00-0111     EA    2,000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	13,146.00	1,188.84
26 24 13 00-0112     EA    400 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	2,138.82	533.66
26 24 13 00-0113     EA    600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	2,427.93	568.15
26 24 13 00-0114     EA    800 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	2,841.83	654.02
26 24 13 00-0115     EA    1,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,086.33	681.50
26 24 13 00-0116     EA    1,200 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,325.12	706.08
26 24 13 00-0117     EA    1,600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,621.65	757.03
26 24 13 00-0118     EA    2,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,921.90	808.95
<b>26 24 13 00-0119</b> <b>Branch Breaker Units</b> <small>(26 24 13 00-0100)</small>		
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0120     EA    15 - 60 Amp MC Branch Breaker, 480 / 277 Volt.....	676.82	21.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	12.60	
26 24 13 00-0121     EA    70 - 100 Amp MC Branch Breaker, 480 / 277 Volt.....	768.65	33.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	19.83	
26 24 13 00-0122     EA    125 - 225 Amp MC Branch Breaker, 480 / 277 Volt.....	1,393.53	60.25
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	36.15	
26 24 13 00-0123     EA    100 - 400 Amp MC Branch Breaker, 480 / 277 Volt.....	2,273.07	78.50
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	47.10	
26 24 13 00-0124     EA    300 - 600 Amp MC Branch Breaker, 480 / 277 Volt.....	5,440.43	192.80
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	115.67	
26 24 13 00-0125     EA    400 - 800 Amp MC Branch Breaker, 480 / 277 Volt.....	5,570.78	192.80
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	115.67	
26 24 13 00-0126     EA    600 - 1,200 Amp MC Branch Breaker, 480 / 277 Volt.....	8,894.20	343.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	206.16	
<b>26 24 13 00-0127</b> <b>Fusible Branch Circuit Switch</b> <small>(26 24 13)</small>		
Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
<b>26 24 13 00-0128</b> <b>240 Volt, 2 Pole Twin Branch Switch Units</b> <small>(26 24 13 00-0127)</small>		
26 24 13 00-0129     EA    30/30 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	655.19	54.06
<i>For Electrical Interlock Kit, Add</i>		
	295.94	
26 24 13 00-0130     EA    30/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	652.66	54.06
<i>For Electrical Interlock Kit, Add</i>		
	295.94	
26 24 13 00-0131     EA    60/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	652.66	54.06
<i>For Electrical Interlock Kit, Add</i>		
	295.94	
26 24 13 00-0132     EA    60/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,041.98	71.27
<i>For Electrical Interlock Kit, Add</i>		
	295.94	
26 24 13 00-0133     EA    100/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,041.98	71.27
<i>For Electrical Interlock Kit, Add</i>		
	295.94	
<b>26 24 13 00-0134</b> <b>240 Volt, 2 Pole Single Branch Switch Units</b> <small>(26 24 13 00-0127)</small>		
26 24 13 00-0135     EA    100 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	760.94	53.02
<i>For Electrical Interlock Kit, Add</i>		
	283.51	
26 24 13 00-0136     EA    200 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	1,141.11	53.02
<i>For Electrical Interlock Kit, Add</i>		
	283.51	
26 24 13 00-0137     EA    400 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	2,924.39	142.88

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0138			<b>240 Volt, 3 Pole Twin Branch Switch Units</b> (26 24 13 00-0127)		
26 24 13 00-0139	EA		30/30 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	850.47	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0140	EA		30/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	847.93	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0141	EA		60/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	847.93	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0142	EA		60/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,290.57	81.60
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0143	EA		100/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,290.57	81.60
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0144			<b>240 Volt, 3 Pole Single Branch Switch Units</b> (26 24 13 00-0127)		
26 24 13 00-0145	EA		100 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	927.21	59.91
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0146	EA		200 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	1,546.95	59.91
			<i>For Electrical Interlock Kit, Add</i>	283.51	
26 24 13 00-0147	EA		400 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	3,957.50	159.96
26 24 13 00-0148	EA		600 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	5,682.14	204.92
26 24 13 00-0149	EA		800 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	10,711.07	277.64
26 24 13 00-0150			<b>600 Volt, 3 Pole Twin Branch Switch Units</b> (26 24 13 00-0127)		
26 24 13 00-0151	EA		30/30 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,234.23	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0152	EA		30/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,231.67	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0153	EA		60/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,234.23	60.94
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0154	EA		60/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,869.62	81.60
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0155	EA		100/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,912.47	81.60
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0156	EA		200/200 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	4,159.32	106.73
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0157			<b>600 Volt, 3 Pole, Single Branch Switch Units</b> (26 24 13 00-0127)		
26 24 13 00-0158	EA		100 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	1,340.54	59.91
			<i>For Electrical Interlock Kit, Add</i>	295.94	
26 24 13 00-0159	EA		200 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	2,071.69	59.91
			<i>For Electrical Interlock Kit, Add</i>	283.51	
26 24 13 00-0160	EA		400 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	5,021.90	159.96
			<i>For Electrical Interlock Kit, Add</i>	283.51	
26 24 13 00-0161	EA		600 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	6,085.02	204.92
26 24 13 00-0162	EA		800 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	10,711.07	277.64
26 24 13 00-0163			<b>Service And Distribution Structures</b> (26 24 13)		
26 24 13 00-0164			<b>Distribution Section 600 Volts, 250 Volts DC</b> (26 24 13 00-0163)		
26 24 13 00-0165			<b>600 Amp Main Bus, 4 Wire</b> (26 24 13 00-0164)		
26 24 13 00-0166	EA		14 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	1,874.12	633.50
26 24 13 00-0167	EA		24 - 30 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,294.40	633.50
26 24 13 00-0168	EA		34 - 38 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,553.83	805.65
26 24 13 00-0169	EA		42 - 48 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,776.29	805.65
26 24 13 00-0170			<b>800 Amp Main Bus, 4 Wire</b> (26 24 13 00-0164)		
26 24 13 00-0171	EA		14 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,076.57	733.35
26 24 13 00-0172	EA		24 - 30 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,488.05	733.35
26 24 13 00-0173	EA		34 - 38 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,776.29	908.94
26 24 13 00-0174	EA		42 - 48 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,976.13	908.94
26 24 13 00-0175			<b>1,200 Amp Main Bus, 4 Wire</b> (26 24 13 00-0164)		
26 24 13 00-0176	EA		14 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,389.90	895.16
26 24 13 00-0177	EA		24 - 30 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,808.90	895.16
26 24 13 00-0178	EA		34 - 38 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,112.76	1,101.74
26 24 13 00-0179	EA		42 - 48 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,405.52	1,101.74
26 24 13 00-0180			<b>1,600 Amp Main Bus, 4 Wire</b> (26 24 13 00-0164)		
26 24 13 00-0181	EA		14 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,118.99	981.23
26 24 13 00-0182	EA		24 - 30 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,598.19	981.23
26 24 13 00-0183	EA		34 - 38 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,952.88	1,211.91
26 24 13 00-0184	EA		42 - 48 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,207.91	1,211.91





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 13 00-0185</b> <b>2,000 Amp Main Bus, 4 Wire</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0186 EA 14 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,246.65	984.68
26 24 13 00-0187 EA 24 - 30 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,755.82	1,108.63
26 24 13 00-0188 EA 34 - 38 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,864.59	1,108.63
26 24 13 00-0189 EA 42 - 48 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,999.72	1,170.59
<b>26 24 13 00-0190</b> <b>3,000 Amp Main Bus, 4 Wire</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0191 EA 24 - 30 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,789.99	1,108.63
26 24 13 00-0192 EA 34 - 38 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,897.14	1,170.59
26 24 13 00-0193 EA 42 - 48 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,032.27	1,170.59
<b>26 24 13 00-0194</b> <b>4,000 Amp Main Bus, 4 Wire</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0195 EA 24 - 30 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,878.28	1,170.59
26 24 13 00-0196 EA 34 - 38 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,032.27	1,170.59
26 24 13 00-0197 EA 42 - 48 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,081.07	1,170.59
<b>26 24 13 00-0198</b> <b>Pull Boy, Horizontal Mounted Across Top Of Switch Board</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0199 EA 18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	461.89	82.63
26 24 13 00-0200 EA Drilled Bottom .....	519.39	82.63
26 24 13 00-0201 EA Cable Supports In Pull Box.....	200.60	20.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>11.48</i>
<b>26 24 13 00-0202</b> <b>Underground Pull Sections</b> <small>(26 24 13 00-0164)</small>		
<i>Note: Excludes no bus or terminal.</i>		
26 24 13 00-0203 EA 12 - 20" Wide, 15 - 20" Deep Underground Pull Section Without Bus Or Terminal .....	431.72	96.40
26 24 13 00-0204 EA 24 - 28" Wide, 20" Deep Underground Pull Section Without Bus Or Terminal.....	782.43	123.94
26 24 13 00-0205 EA 24 - 28" Wide, 30" Deep Underground Pull Section Without Bus Or Terminal.....	782.43	123.94
26 24 13 00-0206 EA 14 - 20" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal.....	573.15	96.40
26 24 13 00-0207 EA 28 - 30" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal.....	842.87	141.16
26 24 13 00-0208 EA 14 - 20" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal .....	952.85	141.16
26 24 13 00-0209 EA 26 - 30" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal .....	987.04	182.47
26 24 13 00-0210 EA 38" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal.....	1,028.70	182.47
<b>26 24 13 00-0211</b> <b>Switchboard Sections</b> <small>(26 24 13 00-0163)</small>		
26 24 13 00-0212 EA 600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	3,633.45	573.80
26 24 13 00-0213 EA 800 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	3,985.43	623.72
26 24 13 00-0214 EA 1,200 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	4,980.42	796.97
26 24 13 00-0215 EA 1,600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	5,449.56	869.41
26 24 13 00-0216 EA 2,000 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	5,813.93	925.53
26 24 13 00-0217 EA 400 Amp Switchboard Incoming For Switch Circuit Section 480 Volt .....	4,537.28	503.36
26 24 13 00-0218 EA Distribution Section Subfeeder Lug-Rated At 200 Amp .....	2,354.19	478.16
26 24 13 00-0219 EA Distribution Section Subfeeder Lug-Rated At 400 Amp .....	2,622.17	518.51
26 24 13 00-0220 EA Distribution Section Aluminum Bus 120/208 Or 277/480 Volt, 4 Wire.....	2,676.89	573.80
26 24 13 00-0221 EA 800 Amp Switchboard Distribution Section Aluminum Bus Less Breaker .....	2,902.17	575.31
26 24 13 00-0222 EA 1,000 Amp Switchboard Distribution Section Aluminum Bus Less Breaker.....	3,199.08	642.31
26 24 13 00-0223 EA 15 To 60 Amp, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	121.97	34.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>21.03</i>
26 24 13 00-0224 EA 70 To 100 Amp, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	150.52	35.04
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>24.84</i>
26 24 13 00-0225 EA 70 To 225 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame .....	819.65	41.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>53.52</i>
26 24 13 00-0226 EA 125 To 400 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,386.84	89.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>74.52</i>
26 24 13 00-0227 EA 100 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase .....	525.33	124.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>43.04</i>
26 24 13 00-0228 EA 225 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase .....	1,619.44	71.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>53.52</i>
<b>26 24 13 00-0229</b> <b>Switchboard, Structure Per Section Copper 480 V</b> <small>(26 24 13 00-0163)</small>		
26 24 13 00-0230 EA 225 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	1,881.88	298.84
26 24 13 00-0231 EA 400 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	2,702.13	404.13
26 24 13 00-0232 EA 600 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	2,985.31	491.85
26 24 13 00-0233 EA 800 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	3,682.99	688.58
26 24 13 00-0234 EA 1,200 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	4,554.95	860.74
26 24 13 00-0235 EA 1,600 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	5,125.69	860.74
26 24 13 00-0236 EA 2,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	6,225.82	1,147.67
26 24 13 00-0237 EA 2,500 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	7,320.18	1,147.67
26 24 13 00-0238 EA 3,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	8,587.91	1,366.22
26 24 13 00-0239 EA 4,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	10,601.64	1,366.22
<b>26 24 13 00-0240</b> <b>Main Devices</b> <small>(26 24 13)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 13 00-0241	<b>Power Circuit Breakers</b> (26 24 13 00-0240)		
26 24 13 00-0242	<b>DSL Breaker With Current Limiters And Amptector</b> (26 24 13 00-0241)		
	Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA 50 - 800 Amp DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	6,998.59	723.02
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	432.89	
26 24 13 00-0244	EA 50 - 1,600 Amp DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	12,906.82	1,205.03
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	722.30	
26 24 13 00-0245	EA 1,200 - 3,200 Amp DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	29,920.54	2,024.44
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,203.82	
26 24 13 00-0246	EA 4,000 Amp DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	48,074.83	3,277.67
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,001.71	
26 24 13 00-0247	EA Ground-Fault Trip All Power Breakers - Factory Installed.....	2,740.47	
26 24 13 00-0248	EA Key Interlock All Power Breakers - Factory Installed.....	353.92	
26 24 13 00-0249	EA Short Time Delay Selective Trip - Factory Installed.....	464.32	
26 24 13 00-0250	EA Shunt Trip Manually Open Breakers - Factory Installed.....	334.44	
26 24 13 00-0251	<b>DSL Breaker Electrical Operated And Amptector</b> (26 24 13 00-0241)		
	Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA 50 - 800 Amp DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	8,301.81	757.45
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	456.62	
26 24 13 00-0253	EA 50 - 1,600 Amp DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip.....	15,597.98	1,273.88
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	760.59	
26 24 13 00-0254	EA 1,200 - 3,200 Amp DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip.....	33,788.08	2,100.19
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,265.79	
26 24 13 00-0255	EA 4,000 Amp DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip.....	51,857.28	3,442.93
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,116.56	
26 24 13 00-0256	<b>DS Breakers With Amptector Static Trip, Manually Operated</b> (26 24 13 00-0241)		
	Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA 50 - 800 Amp DS-206, Main Breaker With Groundfault, Amptector Static Trip.....	5,464.13	661.04
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	397.26	
26 24 13 00-0258	EA 50 - 1,600 Amp DS-416, Main Breaker With Groundfault, Amptector Static Trip.....	10,128.05	1,108.63
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	662.10	
26 24 13 00-0259	EA 2,000 Amp DS-420, Main Breaker With Groundfault, Amptector Static Trip.....	14,765.23	1,859.19
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,103.51	
26 24 13 00-0260	EA 1,200 - 3,200 AMP DS-632, Main Breaker With Groundfault, Amptector Static Trip.....	25,616.33	2,995.35
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,837.87	
26 24 13 00-0261	EA 4,000 Amp DS-840, Main Breaker With Groundfault, Amptector Static Trip.....	41,555.45	4,888.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,055.86	
26 24 13 00-0262	<b>DS Breakers With Amptector Static Trip, Electrically Operated</b> (26 24 13 00-0241)		
	Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263	EA 50 - 800 Amp DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	6,627.04	633.50
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	378.90	
26 24 13 00-0264	EA 50 - 1,600 Amp DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	12,520.85	1,060.43
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	631.34	
26 24 13 00-0265	EA 2,000 Amp DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	17,517.49	1,762.78
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,053.96	
26 24 13 00-0266	EA 1,200 - 3,200 Amp DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	28,876.55	2,871.40
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,756.60	
26 24 13 00-0267	EA 4,000 Amp DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	44,778.84	4,923.39
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,934.32	
26 24 13 00-0268	<b>Molded Case Circuit Breakers Conventional</b> (26 24 13 00-0241)		
26 24 13 00-0269	EA 70 - 225 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	1,988.93	578.41
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	333.19	
26 24 13 00-0270	EA 125 - 400 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	3,161.11	578.41
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	362.41	
26 24 13 00-0271	EA 300 - 600 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	3,515.93	688.58
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	397.26	
26 24 13 00-0272	EA 400 - 800 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	4,264.31	688.58
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	430.37	
26 24 13 00-0273	EA 600 - 1,200 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	6,666.65	826.31
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	471.63	
26 24 13 00-0274	EA 1,000 - 2,000 Amp 3 Pole Molded Case Circuit Breaker Conventional.....	11,260.67	826.31
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	521.66	
26 24 13 00-0275	EA Shunt Trip, Factory Installed.....	350.68	
26 24 13 00-0276	EA Groundfault Trip Complete Interrupting Circuit, Factory Installed.....	81.18	
26 24 13 00-0277	<b>Switchboard Branch Breaker 480 Volt</b> (26 24 13 00-0240)		
26 24 13 00-0278	EA 60 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	494.20	49.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.94	
26 24 13 00-0279	EA 100 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	573.93	66.24
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.73	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0280 EA 225 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	1,771.69	99.71
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.84	
26 24 13 00-0281 EA 400 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	2,350.08	125.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	75.06	
26 24 13 00-0282 EA 600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	2,824.45	167.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	100.67	
26 24 13 00-0283 EA 800 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	3,395.77	215.18
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	129.11	
26 24 13 00-0284 EA 1,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	5,484.17	327.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	196.74	
26 24 13 00-0285 EA 1,200 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	5,484.17	327.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	196.74	
26 24 13 00-0286 EA 1,600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	7,692.90	459.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	275.43	
26 24 13 00-0287 EA 2,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....	9,457.65	688.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	413.15	
<b>26 24 13 00-0288 Switchboard 277/480 Volt Main Breaker (26 24 13 00-0240)</b>		
26 24 13 00-0289 EA 400 Amp, Switchboard 277/480 Volt Main Breaker.....	6,318.54	298.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	179.32	
26 24 13 00-0290 EA 600 Amp, Switchboard 277/480 Volt Main Breaker.....	6,375.36	327.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	196.37	
26 24 13 00-0291 EA 800 Amp, Switchboard 277/480 Volt Main Breaker.....	6,704.51	491.85
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	295.11	
26 24 13 00-0292 EA 1,200 Amp, Switchboard 277/480 Volt Main Breaker.....	11,654.44	688.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	413.15	
26 24 13 00-0293 EA 1,600 Amp, Switchboard 277/480 Volt Main Breaker.....	11,800.69	761.71
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	457.03	
26 24 13 00-0294 EA 2,000 Amp, Switchboard 277/480 Volt Main Breaker.....	15,137.90	1,366.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	819.75	
<b>26 24 13 00-0295 Branch Or Distribution Devices (26 24 13)</b>		
<b>26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers (26 24 13 00-0295)</b>		
Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297 EA 15 - 60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	328.38	24.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 13 00-0298 EA 70 - 100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	332.59	30.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 13 00-0299 EA 125 - 150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	794.34	37.18
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 13 00-0300 EA 70 - 225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,150.92	48.20
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	
26 24 13 00-0301 EA 125 - 400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,621.34	59.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.66	
26 24 13 00-0302 EA 300 - 600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,122.24	69.55
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.48	
26 24 13 00-0303 EA 900 - 1,000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	3,235.25	78.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.47	
<b>26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers (26 24 13 00-0295)</b>		
Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305 EA 15 - 60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	226.50	18.59
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 13 00-0306 EA 70 - 100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	291.17	24.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 13 00-0307 EA 125 - 150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	790.56	30.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 13 00-0308 EA 70 - 225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,250.15	34.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.72	
26 24 13 00-0309 EA 125 - 400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,322.51	44.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.96	
26 24 13 00-0310 EA 900 - 1,000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,991.43	65.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.38	
<b>26 24 13 00-0311 Meter Devices And Instrumentation (26 24 13)</b>		
Note: Factory installed accessories.		
<b>26 24 13 00-0312 Instrument Transformers And Metering Compartments (26 24 13 00-0311)</b>		
26 24 13 00-0313 EA 800 Amp And Below Primary Current Transformer, With Compartment.....	423.73	
26 24 13 00-0314 EA 1,000 - 1,500 Amp Primary Current Transformer, With Compartment.....	612.06	
26 24 13 00-0315 EA 2,000 - 6,000 Amp Primary Current Transformer, With Compartment.....	720.83	
26 24 13 00-0316 EA Potential Transformer With 200 VA Max.....	519.52	
26 24 13 00-0317 EA 5 To 800 Amp, Three Current Transformers.....	1,594.58	
26 24 13 00-0318 EA 1,000 To 1,500 Amp, Three Current Transformers.....	2,880.06	
26 24 13 00-0319 EA 2,000 To 4,000 Amp, Three Current Transformers.....	3,747.79	
<b>26 24 13 00-0320 Instruments (26 24 13 00-0311)</b>		

**26 Electrical**  
**26 20 Low-Voltage Electrical Distribution**  
**26 24 Switchboards And Panelboards**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0321	EA		AC Voltmeter.....	577.97	
26 24 13 00-0322	EA		AC Ammeter .....	577.97	
26 24 13 00-0323	EA		AC Wattmeter .....	1,543.95	
26 24 13 00-0324	EA		Variometer .....	1,743.64	
26 24 13 00-0325	EA		Power Factor Meter .....	1,392.96	
26 24 13 00-0326	EA		Frequency Meter.....	1,537.45	
26 24 13 00-0327	EA		AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,956.32	
26 24 13 00-0328	EA		AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2 .....	3,272.97	
26 24 13 00-0329	EA		Weatherproof, Modify Meter .....	2,927.81	
26 24 13 00-0330	EA		Control Switch Resistor Type 130 V .....	62.48	
26 24 13 00-0331	EA		Metering Instrument Volt, Amp And Watt Hour .....	3,948.03	
<b>26 24 16 Panelboards (26 24)</b>					
26 24 16 00-0001			<b>Branch Circuit Panelboard (26 24 16)</b> Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing.		
26 24 16 00-0002			<b>Assembled Lighting And Power Panelboards (26 24 16 00-0001)</b> Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003			<b>120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)</b>		
26 24 16 00-0004	EA		100 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity.....	839.52	196.25
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0005	EA		100 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	956.07	196.25
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0006	EA		100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,078.18	271.99
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0007	EA		100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,195.62	271.99
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0008	EA		100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,313.51	340.85
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0009	EA		100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity.....	1,437.98	340.85
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0010	EA		100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity.....	1,548.76	392.50
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0011	EA		225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	1,832.58	502.66
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0012	EA		225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	1,950.28	502.66
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0013	EA		225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,533.78	574.97
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0014	EA		225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	2,717.59	574.97
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0015	EA		225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	2,835.18	647.27
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0016	EA		225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,000.94	647.27
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0017	EA		225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,105.40	716.13
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0018	EA		225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,282.15	716.13
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0019	EA		225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,479.77	791.87
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0020	EA		225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	3,535.98	791.87
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0021	EA		225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	3,774.09	791.87
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0022			<b>120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards (26 24 16 00-0002)</b>		
26 24 16 00-0023	EA		50 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity.....	941.61	189.36
			<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0024 EA 50 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity ..... 1,059.66	348.00	189.36
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0025 EA 100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity ..... 1,367.55	348.00	323.63
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0026 EA 100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity ..... 1,487.20	348.00	323.63
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0027 EA 100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity ..... 1,606.08	348.00	395.94
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0028 EA 100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity ..... 1,733.75	348.00	395.94
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0029 EA 100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity ..... 1,841.59	348.00	475.13
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0030 EA 225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity ..... 2,685.33	348.00	475.13
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0031 EA 225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity ..... 2,794.81	348.00	581.86
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0032 EA 225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity ..... 2,912.10	348.00	581.86
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0033 EA 225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,038.77	348.00	654.16
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0034 EA 225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,145.05	348.00	654.16
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0035 EA 225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,257.12	348.00	716.13
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0036 EA 225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,375.86	348.00	716.13
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0037 EA 225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,502.36	348.00	846.96
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0038 EA 225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... 3,637.96	348.00	846.96
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0039 EA 225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity ..... 3,784.28	348.00	846.96
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0040 EA 225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity ..... 3,879.63	348.00	895.16
For Weathertight NEMA 3R Panelboards, Add		
<b>26 24 16 00-0041 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)</b>		
26 24 16 00-0042 EA 100 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity ..... 1,188.20	348.00	223.79
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0043 EA 100 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity ..... 1,322.19	348.00	223.79
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0044 EA 100 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity ..... 1,476.63	348.00	299.54
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0045 EA 100 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity ..... 1,642.05	348.00	299.54
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0046 EA 100 Amp Rating, 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity ..... 1,788.29	348.00	368.39
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0047 EA 100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity ..... 1,943.48	348.00	368.39
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0048 EA 100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity ..... 2,091.41	348.00	437.25
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0049 EA 100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... 2,237.70	348.00	437.25
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0050 EA 100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... 2,381.05	348.00	513.00
For Weathertight NEMA 3R Panelboards, Add		
26 24 16 00-0051 EA 100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... 2,546.29	348.00	513.00
For Weathertight NEMA 3R Panelboards, Add		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0052 EA 100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,708.34 348.00	592.19
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0053 EA 100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,873.55 348.00	592.19
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0054 EA 225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,183.94 348.00	716.13
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0055 EA 225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,283.04 348.00	716.13
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0056 EA 225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,479.38 348.00	795.32
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0057 EA 225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,647.53 348.00	795.32
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0058 EA 225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	3,775.28 348.00	867.62
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0059 EA 225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	3,932.94 348.00	867.62
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0060 EA 400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,948.39 348.00	769.84
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0061 EA 400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,058.18 348.00	809.09
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0062 EA 400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,261.55 348.00	852.13
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0063 EA 400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,439.61 348.00	902.05
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0064 EA 400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,572.90 348.00	929.59
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0065 EA 400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,772.54 348.00	986.40
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
<b>26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards</b> <small>(26 24 16 00-0062)</small>		
26 24 16 00-0067 EA 50 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity.....	1,471.83 348.00	216.90
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0068 EA 50 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	1,607.23 348.00	216.90
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0069 EA 50 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	1,773.99 348.00	285.76
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0070 EA 50 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	2,027.00 348.00	285.76
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0071 EA 100 Amp Rating 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity.....	2,327.71 348.00	430.37
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0072 EA 100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	2,472.21 348.00	430.37
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0073 EA 100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	2,625.23 348.00	502.66
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0074 EA 100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	2,748.15 348.00	502.66
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0075 EA 100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	2,921.93 348.00	581.86
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0076 EA 100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,032.01 348.00	581.86
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0077 EA 100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,231.00 348.00	654.16
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0078 EA 100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,407.12 348.00	654.16
<i>For Weathertight NEMA 3R Panelboards, Add</i>		
26 24 16 00-0079 EA 225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	4,633.94 348.00	757.45
<i>For Weathertight NEMA 3R Panelboards, Add</i>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0080	EA		225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,822.21 348.00	798.76
26 24 16 00-0081	EA		225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,892.61 348.00	798.76
26 24 16 00-0082	EA		225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,098.82 348.00	902.05
26 24 16 00-0083	EA		225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,257.54 348.00	902.05
26 24 16 00-0084	EA		225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,340.24 348.00	902.05
26 24 16 00-0085	EA		400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,566.61 348.00	829.75
26 24 16 00-0086	EA		400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,767.82 348.00	877.94
26 24 16 00-0087	EA		400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,839.48 348.00	902.05
26 24 16 00-0088	EA		400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,059.13 348.00	957.14
26 24 16 00-0089	EA		400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,215.88 348.00	984.68
26 24 16 00-0090	EA		400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,347.32 348.00	1,019.11
<b>26 24 16 00-0091</b>			<b>480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0092	EA		100 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,378.29 348.00	220.34
26 24 16 00-0093	EA		100 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,561.13 348.00	220.34
26 24 16 00-0094	EA		100 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,738.07 348.00	302.98
26 24 16 00-0095	EA		100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,920.89 348.00	302.98
26 24 16 00-0096	EA		100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,094.07 348.00	378.72
26 24 16 00-0097	EA		100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,274.42 348.00	378.72
26 24 16 00-0098	EA		100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,460.90 348.00	457.91
26 24 16 00-0099	EA		100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,635.12 348.00	457.91
26 24 16 00-0100	EA		100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,822.70 348.00	543.99
26 24 16 00-0101	EA		100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,005.18 348.00	543.99
26 24 16 00-0102	EA		100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,176.16 348.00	619.73
26 24 16 00-0103	EA		100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,356.51 348.00	619.73
26 24 16 00-0104	EA		225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,725.41 348.00	754.00
26 24 16 00-0105	EA		225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,905.59 348.00	754.00
26 24 16 00-0106	EA		225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,094.87 348.00	826.31
26 24 16 00-0107	EA		225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,243.74 348.00	826.31

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

**ARLINGTON**  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0108	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,449.86	912.38
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0109	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,608.36	912.38
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
<b>26 24 16 00-0110</b>		<b>480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0111	EA	50 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity.....	1,775.46	234.12
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0112	EA	50 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	1,955.03	254.78
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0113	EA	50 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	2,136.15	316.75
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0114	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity.....	2,867.41	385.61
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0115	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity.....	3,051.43	426.92
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0116	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	3,223.34	461.35
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0117	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	3,407.98	502.66
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0118	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,587.45	543.99
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0119	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,755.66	578.41
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0120	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,932.69	612.84
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0121	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,120.37	654.16
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0122	EA	100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,321.10	705.80
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0123	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	5,624.93	784.98
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0124	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	5,819.35	833.19
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0125	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	5,971.13	853.85
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0126	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	6,183.97	908.94
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0127	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity.....	6,346.32	943.36
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0128	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity.....	6,512.93	972.97
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
<b>26 24 16 00-0129</b>		<b>277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0130	EA	100 Amp Rating, 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity.....	2,086.59	241.01
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0131	EA	100 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	2,440.23	241.01
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0132	EA	100 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	2,789.67	320.19
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0133	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	3,140.40	320.19
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0134	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	3,493.71	395.94
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0135	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity.....	3,843.68	395.94
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0136	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,196.25 348.00	475.13
26 24 16 00-0137	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,548.13 348.00	475.13
26 24 16 00-0138	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,914.85 348.00	557.75
26 24 16 00-0139	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,253.17 348.00	557.75
26 24 16 00-0140	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,599.80 348.00	561.20
26 24 16 00-0141	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,956.41 348.00	561.20
26 24 16 00-0142	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,515.23 348.00	778.11
26 24 16 00-0143	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,872.49 348.00	778.11
26 24 16 00-0144	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,191.41 348.00	819.42
26 24 16 00-0145	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,564.13 348.00	874.51
26 24 16 00-0146	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,891.84 348.00	874.51
26 24 16 00-0147	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	8,284.76 348.00	957.14
<b>26 24 16 00-0148</b>		<b>277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0149	EA	50 Amp Rating, 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,534.65 348.00	296.09
26 24 16 00-0150	EA	50 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,892.10 348.00	296.09
26 24 16 00-0151	EA	50 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,243.31 348.00	392.50
26 24 16 00-0152	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,890.87 348.00	392.50
26 24 16 00-0153	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,248.48 348.00	495.79
26 24 16 00-0154	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,605.84 348.00	495.79
26 24 16 00-0155	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,958.03 348.00	568.08
26 24 16 00-0156	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,298.96 348.00	568.08
26 24 16 00-0157	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,648.71 348.00	647.27
26 24 16 00-0158	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,009.11 348.00	647.27
26 24 16 00-0159	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,347.58 348.00	716.13
26 24 16 00-0160	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,692.72 348.00	716.13
26 24 16 00-0161	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	9,107.49 348.00	846.96
26 24 16 00-0162	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	9,480.21 348.00	846.96
26 24 16 00-0163	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	9,807.92 348.00	926.14

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0164	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	10,200.84 348.00	926.14
26 24 16 00-0165	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	10,540.17 348.00	1,012.23
26 24 16 00-0166	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity ..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,386.09 348.00	1,012.23
26 24 16 00-0167	EA	400 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity .....	12,671.34	1,127.22
26 24 16 00-0168	EA	600 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >400 To 600 Amp Main Breaker, 54 Circuit Capacity .....	15,485.22	1,353.07
26 24 16 00-0169		<b>Unassembled Lighting And Power Panelboards</b> <small>(26 24 16 00-0001)</small> Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device).		
26 24 16 00-0170		<b>240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
26 24 16 00-0171		<b>Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0172	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	578.68 328.00	
26 24 16 00-0173	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	660.99 328.00	
26 24 16 00-0174	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	878.81 328.00	
26 24 16 00-0175	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,010.04 328.00	
26 24 16 00-0176	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,138.91 328.00	
26 24 16 00-0177	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,264.18 328.00	
26 24 16 00-0178	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,368.66 328.00	
26 24 16 00-0179	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,494.22 328.00	
26 24 16 00-0180	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,547.95 328.00	
26 24 16 00-0181	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,649.53 328.00	
26 24 16 00-0182	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,789.91 328.00	
26 24 16 00-0183		<b>Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0184	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	854.76 328.00	
26 24 16 00-0185	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	960.43 328.00	
26 24 16 00-0186	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,522.59 328.00	
26 24 16 00-0187	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,680.94 328.00	
26 24 16 00-0188	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,825.67 328.00	
26 24 16 00-0189	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	3,298.27 328.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0190 EA 400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	3,455.79	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0191 EA 400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	3,603.64	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small></b>		
26 24 16 00-0193 EA 100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,226.04	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0194 EA 100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,300.96	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0195 EA 225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,503.35	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0196 EA 225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,631.51	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0197 EA 225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,748.66	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0198 EA 400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,993.54	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0199 EA 400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,090.01	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0200 EA 400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,208.17	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0201 EA 600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,318.61	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0202 EA 600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,416.24	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0203 EA 600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,545.28	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small></b>		
26 24 16 00-0205 EA 100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,494.72	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0206 EA 100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	1,592.38	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0207 EA 225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,266.74	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0208 EA 225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,410.30	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0209 EA 225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	2,543.93	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0210 EA 400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	4,001.11	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0211 EA 400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	4,151.24	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0212 EA 400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard .....	4,297.24	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small></b>		
Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
<b>26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small></b>		
26 24 16 00-0215 EA 100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	648.29	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0216	EA		100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	758.68	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0217	EA		100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	846.70	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0218	EA		225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	943.25	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0219	EA		225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,083.06	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0220	EA		225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,195.59	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0221	EA		400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,376.21	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0222	EA		400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,478.39	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0223	EA		400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,588.82	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0224	EA		600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,673.56	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0225	EA		600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,856.22	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0226	EA		600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,222.07	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0227</b>			<b>Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0213)</small>		
26 24 16 00-0228	EA		100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,006.38	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0229	EA		100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,132.29	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0230	EA		100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,265.52	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0231	EA		225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,910.35	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0232	EA		225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,063.90	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0233	EA		225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,195.22	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0234	EA		400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,084.18	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0235	EA		400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,226.28	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0236	EA		400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,346.09	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0237</b>			<b>Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0213)</small>		
26 24 16 00-0238	EA		100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,295.65	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0239	EA		100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,398.64	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0240	EA		100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,478.65	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0241	EA		225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,567.80	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0242	EA		225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,704.52	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0243 EA 225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	1,805.34	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0244 EA 400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,105.57	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0245 EA 400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,199.74	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0246 EA 400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,302.76	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0247 EA 600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,444.22	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0248 EA 600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,612.71	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0249 EA 600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,978.56	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0213)</small>		
26 24 16 00-0251 EA 100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	1,646.34	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0252 EA 100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	1,764.24	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0253 EA 100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	1,893.15	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0254 EA 225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,654.50	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0255 EA 225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,793.26	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0256 EA 225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	2,913.48	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0257 EA 400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	4,433.40	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0258 EA 400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	4,581.91	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0259 EA 400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard .....	4,712.57	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small>		
Note: As manufactured by Square D or equal.		
<b>26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0260)</small>		
26 24 16 00-0262 EA 125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	957.81	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0263 EA 125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,042.32	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0264 EA 250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,424.13	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0265 EA 250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,580.63	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0266 EA 250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,715.21	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0267 EA 400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,682.29	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0268 EA 400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,763.85	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0269 EA 400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,910.85	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0270 EA 600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,934.39	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0271 EA 600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,072.43	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0272 EA 600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,256.51	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0260)</small>		
26 24 16 00-0274 EA 100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,012.13	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0275 EA 100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,076.10	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0276 EA 125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,250.51	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0277 EA 125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,361.49	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0278 EA 125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,562.73	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0279 EA 250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,336.20	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0280 EA 250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,470.68	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0281 EA 250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,639.54	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0282 EA 400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,710.78	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0283 EA 400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,867.15	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0284 EA 400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,014.77	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0260)</small>		
26 24 16 00-0286 EA 125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,582.97	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0287 EA 125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,667.48	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0288 EA 250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,034.49	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0289 EA 250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,298.27	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0290 EA 250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,420.52	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0291 EA 400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,387.61	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0292 EA 400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,450.67	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0293 EA 400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,571.15	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0294 EA 600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,656.35	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0295 EA 600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,779.17	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0296 EA 600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,930.47	
<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 16 00-0297</b> Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0298 EA 100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 2,770.47 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,770.47	
26 24 16 00-0299 EA 100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 2,834.44 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,834.44	
26 24 16 00-0300 EA 125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 2,866.42 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,866.42	
26 24 16 00-0301 EA 125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 2,971.86 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,971.86	
26 24 16 00-0302 EA 125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 3,280.38 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	3,280.38	
26 24 16 00-0303 EA 250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,041.51 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,041.51	
26 24 16 00-0304 EA 250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,157.50 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,157.50	
26 24 16 00-0305 EA 250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,299.85 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,299.85	
26 24 16 00-0306 EA 400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,371.09 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,371.09	
26 24 16 00-0307 EA 400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,510.39 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,510.39	
26 24 16 00-0308 EA 400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard ..... 4,655.24 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	4,655.24	
<b>26 24 16 00-0309</b> 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal.		
<b>26 24 16 00-0310</b> Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0311 EA 125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 999.73 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	999.73	
26 24 16 00-0312 EA 125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,084.86 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,084.86	
26 24 16 00-0313 EA 125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,250.53 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,250.53	
26 24 16 00-0314 EA 250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,485.80 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,485.80	
26 24 16 00-0315 EA 250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,643.61 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,643.61	
26 24 16 00-0316 EA 250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,776.98 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,776.98	
26 24 16 00-0317 EA 400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,764.01 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,764.01	
26 24 16 00-0318 EA 400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 1,864.96 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	1,864.96	
26 24 16 00-0319 EA 400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 2,010.93 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,010.93	
26 24 16 00-0320 EA 600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 2,034.85 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,034.85	
26 24 16 00-0321 EA 600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 2,173.12 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,173.12	
26 24 16 00-0322 EA 600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled ..... 2,357.71 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,357.71	
<b>26 24 16 00-0323</b> Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0324 EA 100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,227.92 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,227.92	
26 24 16 00-0325 EA 100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,292.50 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,292.50	
26 24 16 00-0326 EA 100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,480.51 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,480.51	
26 24 16 00-0327 EA 125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,547.10 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,547.10	
26 24 16 00-0328 EA 125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,658.64 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,658.64	
26 24 16 00-0329 EA 125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... 2,859.26 <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i> 328.00	2,859.26	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0330 EA 250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,684.29 328.00	
26 24 16 00-0331 EA 250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,820.40 328.00	
26 24 16 00-0332 EA 250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,987.48 328.00	
26 24 16 00-0333 EA 400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,127.89 328.00	
26 24 16 00-0334 EA 400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,285.97 328.00	
26 24 16 00-0335 EA 400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled ..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,433.28 328.00	
<b>26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0309)</small>		
26 24 16 00-0337 EA 125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	1,624.89 328.00	
26 24 16 00-0338 EA 125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	1,710.02 328.00	
26 24 16 00-0339 EA 125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	1,866.45 328.00	
26 24 16 00-0340 EA 250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,096.17 328.00	
26 24 16 00-0341 EA 250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,361.25 328.00	
26 24 16 00-0342 EA 250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,482.29 328.00	
26 24 16 00-0343 EA 400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,471.18 328.00	
26 24 16 00-0344 EA 400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,551.78 328.00	
26 24 16 00-0345 EA 400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,671.24 328.00	
26 24 16 00-0346 EA 600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,756.81 328.00	
26 24 16 00-0347 EA 600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,879.67 328.00	
26 24 16 00-0348 EA 600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,030.96 328.00	
<b>26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0309)</small>		
26 24 16 00-0350 EA 100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,838.29 328.00	
26 24 16 00-0351 EA 100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	2,902.87 328.00	
26 24 16 00-0352 EA 100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,198.16 328.00	
26 24 16 00-0353 EA 125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,163.02 328.00	
26 24 16 00-0354 EA 125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,269.01 328.00	
26 24 16 00-0355 EA 125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	3,576.90 328.00	
26 24 16 00-0356 EA 250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,389.61 328.00	
26 24 16 00-0357 EA 250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,507.22 328.00	
26 24 16 00-0358 EA 250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled..... <i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	4,647.79 328.00	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0359	EA		400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,788.19	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0360	EA		400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,929.02	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
26 24 16 00-0361	EA		400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	5,073.25	
			<i>For Hinged Door-In-Door With Yale 5116 With Rosette, Add</i>	328.00	
<b>26 24 16 00-0362</b>			<b>600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small>		
			Note: Square D I-Line or equal.		
<b>26 24 16 00-0363</b>			<b>Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0362)</small>		
26 24 16 00-0364	EA		400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,563.09	204.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.95	
26 24 16 00-0365	EA		400 Amp Rating, 45" Breaker Mounted Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,872.20	204.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.92	
26 24 16 00-0366	EA		400 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,104.92	204.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.92	
26 24 16 00-0367	EA		600 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,278.78	336.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.85	
26 24 16 00-0368	EA		600 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,458.90	336.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.85	
26 24 16 00-0369	EA		600 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,656.55	336.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.85	
26 24 16 00-0370	EA		800 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,770.51	447.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	268.32	
26 24 16 00-0371	EA		800 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,942.20	448.54
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	269.14	
26 24 16 00-0372	EA		800 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,014.39	447.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	268.32	
26 24 16 00-0373	EA		800 Amp Rating, 99" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,585.83	447.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	268.32	
26 24 16 00-0374	EA		1,200 Amp Rating, 27" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,566.32	672.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	403.70	
26 24 16 00-0375	EA		1,200 Amp Rating, 45" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,955.26	672.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	403.70	
26 24 16 00-0376	EA		1,200 Amp Rating, 63" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,273.26	672.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	403.70	
26 24 16 00-0377	EA		1,200 Amp Rating, 99" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,661.39	672.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	403.70	
<b>26 24 16 00-0378</b>			<b>Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0362)</small>		
26 24 16 00-0379	EA		225 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,243.02	209.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.54	
26 24 16 00-0380	EA		400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,301.84	237.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.41	
26 24 16 00-0381	EA		400 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,526.60	237.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.41	
26 24 16 00-0382	EA		400 Amp Rating, 81" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,188.10	237.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.41	
26 24 16 00-0383	EA		600 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,671.89	389.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	233.44	
26 24 16 00-0384	EA		600 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,042.17	390.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.06	
26 24 16 00-0385	EA		600 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,349.34	389.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	233.44	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0386	EA		800 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,402.09	520.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	312.08	
26 24 16 00-0387	EA		800 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,843.94	518.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	310.98	
26 24 16 00-0388	EA		800 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,282.29	518.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	310.98	
26 24 16 00-0389			<b>Branch Circuit Breakers</b> <small>(26 24 16 00-0001)</small> Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.		
26 24 16 00-0390			<b>Branch Circuit Breakers 10,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small> Note: Includes connection of electrical wire.		
26 24 16 00-0391	EA		1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	35.25	12.39
			<i>For Bolt-On, Add</i>	9.23	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0392	EA		1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	35.25	12.39
			<i>For Bolt-On, Add</i>	9.23	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0393	EA		1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	52.23	15.49
			<i>For Bolt-On, Add</i>	12.55	
			<i>For Installation In New Panelboard, Deduct</i>	-8.61	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 24 16 00-0394	EA		1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	81.46	15.15
			<i>For Bolt-On, Add</i>	15.97	
			<i>For Installation In New Panelboard, Deduct</i>	-8.26	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.92	
26 24 16 00-0395	EA		1 Pole GFI, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amp Interrupting Capacity.....	116.45	15.15
			<i>For Bolt-On, Add</i>	20.34	
			<i>For Installation In New Panelboard, Deduct</i>	-8.26	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.92	
26 24 16 00-0396	EA		1 Pole GFI, 120/240 Volt, 15-30 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity.....	136.41	15.15
			<i>For Bolt-On, Add</i>	22.84	
			<i>For Installation In New Panelboard, Deduct</i>	-8.26	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.92	
26 24 16 00-0397	EA		1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity.....	62.18	15.15
			<i>For Bolt-On, Add</i>	13.56	
			<i>For Installation In New Panelboard, Deduct</i>	-8.26	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.92	
26 24 16 00-0398	EA		2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	59.11	18.59
			<i>For Bolt-On, Add</i>	14.62	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0399	EA		2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	59.11	18.59
			<i>For Bolt-On, Add</i>	14.62	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0400	EA		2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	90.70	24.79
			<i>For Bolt-On, Add</i>	20.98	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0401	EA		2 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	154.92	30.98
			<i>For Bolt-On, Add</i>	31.42	
			<i>For Installation In New Panelboard, Deduct</i>	-17.22	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0402	EA		2 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	183.74	34.43
			<i>For Bolt-On, Add</i>	36.22	
			<i>For Installation In New Panelboard, Deduct</i>	-18.94	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.72	
26 24 16 00-0403	EA		2 Pole GFI, 120/240 Volt, 15-50 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	158.89	22.04
			<i>For Bolt-On, Add</i>	28.54	
			<i>For Installation In New Panelboard, Deduct</i>	-12.39	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.87	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0404	EA		2 Pole, GFI, 120/240 Volt, 15-50 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity .....	216.13	22.04
			<i>For Bolt-On, Add</i>	35.69	
			<i>For Installation In New Panelboard, Deduct</i>	-12.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.87	
26 24 16 00-0405	EA		3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity .....	117.40	24.79
			<i>For Bolt-On, Add</i>	24.32	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0406	EA		3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity .....	117.40	24.79
			<i>For Bolt-On, Add</i>	24.32	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0407	EA		3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity .....	154.58	30.98
			<i>For Bolt-On, Add</i>	31.37	
			<i>For Installation In New Panelboard, Deduct</i>	-17.22	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0408	EA		3 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity .....	238.35	37.18
			<i>For Bolt-On, Add</i>	44.25	
			<i>For Installation In New Panelboard, Deduct</i>	-20.66	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.79	
26 24 16 00-0409	EA		3 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity .....	305.98	43.38
			<i>For Bolt-On, Add</i>	55.12	
			<i>For Installation In New Panelboard, Deduct</i>	-24.10	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.92	
26 24 16 00-0410			<b>Branch Circuit Breakers 14,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
			<i>Note: Includes connection of electrical wire.</i>		
26 24 16 00-0411	EA		1 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	53.39	12.39
			<i>For Bolt-On, Add</i>	11.49	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0412	EA		1 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	53.39	12.39
			<i>For Bolt-On, Add</i>	11.49	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0413	EA		1 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	98.59	15.49
			<i>For Bolt-On, Add</i>	18.35	
			<i>For Installation In New Panelboard, Deduct</i>	-8.61	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 24 16 00-0414	EA		1 Pole GFI, 277/480 Volt, 15-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	156.05	15.15
			<i>For Bolt-On, Add</i>	25.29	
			<i>For Installation In New Panelboard, Deduct</i>	-8.26	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.92	
26 24 16 00-0415	EA		2 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	106.85	18.59
			<i>For Bolt-On, Add</i>	20.59	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0416	EA		2 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	106.85	18.59
			<i>For Bolt-On, Add</i>	20.59	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0417	EA		2 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	216.12	24.79
			<i>For Bolt-On, Add</i>	36.66	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0418	EA		2 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	295.77	30.98
			<i>For Bolt-On, Add</i>	49.02	
			<i>For Installation In New Panelboard, Deduct</i>	-17.22	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0419	EA		2 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	440.12	34.43
			<i>For Bolt-On, Add</i>	68.27	
			<i>For Installation In New Panelboard, Deduct</i>	-18.94	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.72	
26 24 16 00-0420	EA		3 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	172.79	24.79
			<i>For Bolt-On, Add</i>	31.24	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0421	EA		3 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	172.79	24.79
			<i>For Bolt-On, Add</i>	31.24	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0422	EA		3 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	261.33	30.98
			<i>For Bolt-On, Add</i>	44.72	
			<i>For Installation In New Panelboard, Deduct</i>	-17.22	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0423	EA		3 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	375.09	37.18
			<i>For Bolt-On, Add</i>	61.35	
			<i>For Installation In New Panelboard, Deduct</i>	-20.66	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.79	
26 24 16 00-0424	EA		3 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	587.63	43.38
			<i>For Bolt-On, Add</i>	90.32	
			<i>For Installation In New Panelboard, Deduct</i>	-24.10	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.92	
26 24 16 00-0425	EA		3 Pole, 277/480 Volt, 175 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	679.85	46.48
			<i>For Bolt-On, Add</i>	103.06	
			<i>For Installation In New Panelboard, Deduct</i>	-25.82	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.99	
26 24 16 00-0426	EA		3 Pole, 277/480 Volt, 200 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	730.56	49.57
			<i>For Bolt-On, Add</i>	110.60	
			<i>For Installation In New Panelboard, Deduct</i>	-27.55	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.05	
26 24 16 00-0427	EA		3 Pole, 277/480 Volt, 225 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity .....	867.35	52.68
			<i>For Bolt-On, Add</i>	128.90	
			<i>For Installation In New Panelboard, Deduct</i>	-29.27	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.12	
26 24 16 00-0428			<b>Branch Circuit Breakers 18,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
			<i>Note: Includes connection of electrical wire.</i>		
26 24 16 00-0429	EA		1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	65.31	12.39
			<i>For Bolt-On, Add</i>	12.98	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0430	EA		1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	65.31	12.39
			<i>For Bolt-On, Add</i>	12.98	
			<i>For Installation In New Panelboard, Deduct</i>	-6.89	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0431	EA		1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	110.36	15.49
			<i>For Bolt-On, Add</i>	19.82	
			<i>For Installation In New Panelboard, Deduct</i>	-8.61	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 24 16 00-0432	EA		2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	137.91	18.59
			<i>For Bolt-On, Add</i>	24.47	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0433	EA		2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	137.91	18.59
			<i>For Bolt-On, Add</i>	24.47	
			<i>For Installation In New Panelboard, Deduct</i>	-10.33	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0434	EA		2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	245.90	24.79
			<i>For Bolt-On, Add</i>	40.38	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0435	EA		2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	646.87	30.98
			<i>For Bolt-On, Add</i>	92.91	
			<i>For Installation In New Panelboard, Deduct</i>	-17.22	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0436	EA		3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	224.04	24.79
			<i>For Bolt-On, Add</i>	37.65	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0437	EA		3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity .....	224.04	24.79
			<i>For Bolt-On, Add</i>	37.65	
			<i>For Installation In New Panelboard, Deduct</i>	-13.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0438 EA 3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	298.63	30.98
For Bolt-On, Add	49.38	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0439 EA 3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	801.36	37.18
For Bolt-On, Add	114.63	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
<b>26 24 16 00-0440 Branch Circuit Breakers 22,000 Amp Interrupting Capacity, Plug-On (26 24 16 00-0389)</b>		
Note: Includes connection of electrical wire.		
26 24 16 00-0441 EA 1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	75.42	12.39
For Bolt-On, Add	14.25	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0442 EA 1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	75.42	12.39
For Bolt-On, Add	14.25	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0443 EA 1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	88.46	15.49
For Bolt-On, Add	17.08	
For Installation In New Panelboard, Deduct	-8.61	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 24 16 00-0444 EA 1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	154.69	15.15
For Bolt-On, Add	25.12	
For Installation In New Panelboard, Deduct	-8.26	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.92	
26 24 16 00-0445 EA 2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	164.31	18.59
For Bolt-On, Add	27.77	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0446 EA 2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	164.31	18.59
For Bolt-On, Add	27.77	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0447 EA 2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	198.08	24.79
For Bolt-On, Add	34.40	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0448 EA 2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	288.06	30.98
For Bolt-On, Add	48.06	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0449 EA 2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	375.77	34.43
For Bolt-On, Add	60.23	
For Installation In New Panelboard, Deduct	-18.94	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.72	
26 24 16 00-0450 EA 2 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	470.38	40.28
For Bolt-On, Add	74.46	
For Installation In New Panelboard, Deduct	-22.38	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.86	
26 24 16 00-0451 EA 2 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	505.89	46.48
For Bolt-On, Add	81.31	
For Installation In New Panelboard, Deduct	-25.82	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.99	
26 24 16 00-0452 EA 3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	198.52	24.79
For Bolt-On, Add	34.46	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0453 EA 3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	198.52	24.79
For Bolt-On, Add	34.46	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0454 EA 3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	231.83	30.98
For Bolt-On, Add	41.03	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0455 EA 3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	357.62	37.18
For Bolt-On, Add	59.16	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 16 00-0456 EA 3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	469.79	48.20
For Bolt-On, Add	77.40	
For Installation In New Panelboard, Deduct	-26.68	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	
26 24 16 00-0457 EA 3 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	582.33	55.78
For Bolt-On, Add	94.48	
For Installation In New Panelboard, Deduct	-30.99	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.18	
26 24 16 00-0458 EA 3 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	619.53	59.22
For Bolt-On, Add	100.34	
For Installation In New Panelboard, Deduct	-32.71	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.25	
<b>26 24 16 00-0459 Branch Circuit Breakers 25,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
Note: Includes connection of electrical wire.		
26 24 16 00-0460 EA 2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	170.90	18.59
For Bolt-On, Add	28.59	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0461 EA 2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	170.90	18.59
For Bolt-On, Add	28.59	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0462 EA 2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	261.83	24.79
For Bolt-On, Add	42.37	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0463 EA 2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	430.54	30.98
For Bolt-On, Add	65.87	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0464 EA 2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	676.04	38.56
For Bolt-On, Add	99.57	
For Installation In New Panelboard, Deduct	-21.52	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.82	
26 24 16 00-0465 EA 2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	768.36	40.28
For Bolt-On, Add	111.71	
For Installation In New Panelboard, Deduct	-22.38	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.86	
26 24 16 00-0466 EA 2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	838.18	46.48
For Bolt-On, Add	122.85	
For Installation In New Panelboard, Deduct	-25.82	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.99	
26 24 16 00-0467 EA 3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	246.71	24.79
For Bolt-On, Add	40.48	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0468 EA 3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	246.71	24.79
For Bolt-On, Add	40.48	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0469 EA 3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	310.90	30.98
For Bolt-On, Add	50.91	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0470 EA 3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	536.36	37.18
For Bolt-On, Add	81.51	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 16 00-0471 EA 3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	787.47	48.20
For Bolt-On, Add	117.11	
For Installation In New Panelboard, Deduct	-26.68	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0472 EA 3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity .....	930.71	55.78
For Bolt-On, Add	138.03	
For Installation In New Panelboard, Deduct	-30.99	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.18	
26 24 16 00-0473 EA 3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity .....	1,007.78	59.22
For Bolt-On, Add	148.87	
For Installation In New Panelboard, Deduct	-32.71	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.25	
<b>26 24 16 00-0474 Branch Circuit Breakers 30,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
Note: Includes connection of electrical wire.		
26 24 16 00-0475 EA 2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	177.46	18.59
For Bolt-On, Add	29.41	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0476 EA 2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	177.46	18.59
For Bolt-On, Add	29.41	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0477 EA 2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	322.34	24.79
For Bolt-On, Add	49.93	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0478 EA 2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	598.32	30.98
For Bolt-On, Add	86.84	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0479 EA 2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	953.38	38.56
For Bolt-On, Add	134.23	
For Installation In New Panelboard, Deduct	-21.52	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.82	
26 24 16 00-0480 EA 2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	1,087.33	40.28
For Bolt-On, Add	151.58	
For Installation In New Panelboard, Deduct	-22.38	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.86	
26 24 16 00-0481 EA 2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	1,182.39	46.48
For Bolt-On, Add	165.87	
For Installation In New Panelboard, Deduct	-25.82	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.99	
26 24 16 00-0482 EA 3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	292.09	24.79
For Bolt-On, Add	46.15	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0483 EA 3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	292.09	24.79
For Bolt-On, Add	46.15	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0484 EA 3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	389.56	30.98
For Bolt-On, Add	60.75	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0485 EA 3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	728.07	37.18
For Bolt-On, Add	105.47	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 16 00-0486 EA 3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	919.25	48.20
For Bolt-On, Add	133.58	
For Installation In New Panelboard, Deduct	-26.68	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	
26 24 16 00-0487 EA 3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	1,478.36	55.78
For Bolt-On, Add	206.48	
For Installation In New Panelboard, Deduct	-30.99	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.18	
26 24 16 00-0488 EA 3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity .....	1,574.81	59.22
For Bolt-On, Add	219.75	
For Installation In New Panelboard, Deduct	-32.71	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.25	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 16 00-0489 Branch Circuit Breakers 35,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
Note: Includes connection of electrical wire.		
26 24 16 00-0490 EA 1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	91.94	12.39
For Bolt-On, Add	16.31	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0491 EA 1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	91.94	12.39
For Bolt-On, Add	16.31	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0492 EA 1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	162.43	15.49
For Bolt-On, Add	26.33	
For Installation In New Panelboard, Deduct	-8.61	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 24 16 00-0493 EA 2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	204.30	18.59
For Bolt-On, Add	32.77	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0494 EA 2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	204.30	18.59
For Bolt-On, Add	32.77	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0495 EA 2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	377.88	24.79
For Bolt-On, Add	56.88	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0496 EA 2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	709.26	30.98
For Bolt-On, Add	100.71	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0497 EA 2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	1,391.55	38.56
For Bolt-On, Add	189.01	
For Installation In New Panelboard, Deduct	-21.52	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.82	
26 24 16 00-0498 EA 3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	340.52	24.79
For Bolt-On, Add	52.21	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0499 EA 3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	340.52	24.79
For Bolt-On, Add	52.21	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0500 EA 3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	456.85	30.98
For Bolt-On, Add	69.16	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0501 EA 3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	874.30	37.18
For Bolt-On, Add	123.75	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 16 00-0502 EA 3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity .....	1,730.24	48.20
For Bolt-On, Add	234.96	
For Installation In New Panelboard, Deduct	-26.68	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	
<b>26 24 16 00-0503 Branch Circuit Breakers 42,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
Note: Includes connection of electrical wire.		
26 24 16 00-0504 EA 1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity .....	138.48	12.39
For Bolt-On, Add	22.13	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0505 EA 1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity .....	138.48	12.39
For Bolt-On, Add	22.13	
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0506 EA 1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	211.93	15.49
For Bolt-On, Add	32.52	
For Installation In New Panelboard, Deduct	-8.61	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 24 16 00-0507 EA 2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	258.14	18.59
For Bolt-On, Add	39.50	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0508 EA 2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	258.14	18.59
For Bolt-On, Add	39.50	
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0509 EA 2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	493.79	24.79
For Bolt-On, Add	71.36	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0510 EA 2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	905.92	30.98
For Bolt-On, Add	125.29	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0511 EA 2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	1,825.49	34.43
For Bolt-On, Add	241.44	
For Installation In New Panelboard, Deduct	-18.94	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.72	
26 24 16 00-0512 EA 3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	448.41	24.79
For Bolt-On, Add	65.69	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0513 EA 3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	448.41	24.79
For Bolt-On, Add	65.69	
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0514 EA 3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	623.54	30.98
For Bolt-On, Add	89.99	
For Installation In New Panelboard, Deduct	-17.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.66	
26 24 16 00-0515 EA 3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	1,020.53	37.18
For Bolt-On, Add	142.03	
For Installation In New Panelboard, Deduct	-20.66	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.79	
26 24 16 00-0516 EA 3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	2,300.22	48.20
For Bolt-On, Add	306.21	
For Installation In New Panelboard, Deduct	-26.68	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.02	
<b>26 24 16 00-0517 Branch Circuit Breakers 65,000 Amp Interrupting Capacity, Plug-On</b> <small>(26 24 16 00-0389)</small>		
Note: Includes connection of electrical wire.		
26 24 16 00-0518 EA 1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	58.15	12.39
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	12.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0519 EA 2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	127.57	18.59
For Installation In New Panelboard, Deduct	-10.33	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	23.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.39	
26 24 16 00-0520 EA 3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	205.36	24.79
For Installation In New Panelboard, Deduct	-13.77	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	35.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.53	
26 24 16 00-0521 EA 1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	130.50	12.39
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	21.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 24 16 00-0522 EA 1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	130.50	12.39
For Installation In New Panelboard, Deduct	-6.89	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	21.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0523 EA 1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	259.82	24.79
<i>For Installation In New Panelboard, Deduct</i>	-13.77	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	42.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0524 EA 2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	302.49	18.59
<i>For Installation In New Panelboard, Deduct</i>	-10.33	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	45.04	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0525 EA 2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	302.49	18.59
<i>For Installation In New Panelboard, Deduct</i>	-10.33	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	45.04	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0526 EA 2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	593.74	24.79
<i>For Installation In New Panelboard, Deduct</i>	-13.77	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	83.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0527 EA 2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	1,016.85	30.98
<i>For Installation In New Panelboard, Deduct</i>	-17.22	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	139.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0528 EA 2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	2,262.54	38.56
<i>For Installation In New Panelboard, Deduct</i>	-21.52	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	297.88	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.82	
26 24 16 00-0529 EA 3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	511.85	24.79
<i>For Installation In New Panelboard, Deduct</i>	-13.77	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	73.62	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0530 EA 3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	511.85	24.79
<i>For Installation In New Panelboard, Deduct</i>	-13.77	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	73.62	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0531 EA 3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	715.64	30.98
<i>For Installation In New Panelboard, Deduct</i>	-17.22	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	101.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0532 EA 3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	1,101.21	37.18
<i>For Installation In New Panelboard, Deduct</i>	-20.66	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	152.11	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.79	
26 24 16 00-0533 EA 3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity .....	2,813.50	48.20
<i>For Installation In New Panelboard, Deduct</i>	-26.68	
<i>Note: Also for use with new interiors in panelboards.</i>		
<i>For Bolt-On, Add</i>	370.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.02	
<b>26 24 16 00-0534 Residential Lighting And Power Panelboards</b> <small>(26 24 16 00-0001)</small>		
<b>26 24 16 00-0535 Residential Type Unassembled Load Center</b> <small>(26 24 16 00-0534)</small>		
<i>Note: Interior box and cover, includes ground bar kit.</i>		
<b>26 24 16 00-0536 Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase</b> <small>(26 24 16 00-0535)</small>		
26 24 16 00-0537 EA 30 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	107.85	34.43
26 24 16 00-0538 EA 70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	333.37	137.72
26 24 16 00-0539 EA 100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	518.56	196.59
26 24 16 00-0540 EA 125 Amp, 24 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,117.36	413.22
26 24 16 00-0541 EA 150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,227.44	447.59
<b>26 24 16 00-0542 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC</b> <small>(26 24 16 00-0535)</small>		
<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.</i>		
26 24 16 00-0543 EA 60 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	163.03	37.87
26 24 16 00-0544 EA 125 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	325.56	41.31
<b>26 24 16 00-0545 Main Lug Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof</b> <small>(26 24 16 00-0535)</small>		
26 24 16 00-0546 EA 40 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	166.60	37.87
26 24 16 00-0547 EA 70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	187.01	41.31
26 24 16 00-0548 EA 100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	590.01	196.59
26 24 16 00-0549 EA 150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,336.17	447.59



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 16 00-0550</b> <b>Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC</b> <small>(26 24 16 00-0535)</small>		
<small>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.</small>		
26 24 16 00-0551 EA 60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	217.40	37.87
26 24 16 00-0552 EA 125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	1,316.33	413.22
<b>26 24 16 00-0553</b> <b>Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase</b> <small>(26 24 16 00-0535)</small>		
26 24 16 00-0554 EA 125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,455.97	413.22
26 24 16 00-0555 EA 150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,581.58	447.59
26 24 16 00-0556 EA 300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	6,680.87	688.58
<b>26 24 16 00-0557</b> <b>Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC</b> <small>(26 24 16 00-0535)</small>		
<small>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V Delta.</small>		
26 24 16 00-0558 EA 125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	2,358.09	413.22
26 24 16 00-0559 EA 150 Amp, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	2,576.12	447.59
26 24 16 00-0560 EA 300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	7,439.94	688.58
<b>26 24 16 00-0561</b> <b>Main Breaker Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof</b> <small>(26 24 16 00-0535)</small>		
26 24 16 00-0562 EA 125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,556.93	413.22
26 24 16 00-0563 EA 150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,753.99	447.59
<b>26 24 16 00-0564</b> <b>Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC</b> <small>(26 24 16 00-0535)</small>		
<small>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.</small>		
26 24 16 00-0565 EA 125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	2,525.53	413.22
26 24 16 00-0566 EA 155 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	2,594.29	447.59
<b>26 24 16 00-0567</b> <b>Residential Type Assembled Load Center</b> <small>(26 24 16 00-0534)</small>		
<b>26 24 16 00-0568</b> <b>Main Lug Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase</b> <small>(26 24 16 00-0567)</small>		
<small>Note: Includes 1 pole plug-in breaker.</small>		
26 24 16 00-0569 EA 100 Amp Main Lugs, Indoor 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	519.02	196.59
26 24 16 00-0570 EA 100 Amp Main Lugs, Indoor 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	644.15	229.65
26 24 16 00-0571 EA 100 Amp Main Lugs, Rainproof, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	536.11	196.59
26 24 16 00-0572 EA 100 Amp Main Lugs, Rainproof, 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	648.81	229.65
26 24 16 00-0573 EA 200 Amp Main Lugs, Indoor, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	975.65	306.07
26 24 16 00-0574 EA 200 Amp Main Lugs, Indoor, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,143.23	367.36
26 24 16 00-0575 EA 200 Amp Main Lugs, Indoor, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,302.69	423.82
26 24 16 00-0576 EA 200 Amp Main Lugs, Indoor, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,445.72	458.81
26 24 16 00-0577 EA 200 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	2,161.56	688.58
26 24 16 00-0578 EA 200 Amp Main Lugs, Rainproof, 16 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,036.23	306.07
26 24 16 00-0579 EA 200 Amp Main Lugs, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,200.70	367.36
26 24 16 00-0580 EA 200 Amp Main Lugs, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,360.16	423.82
26 24 16 00-0581 EA 200 Amp Main Lugs, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,500.09	458.81
26 24 16 00-0582 EA 200 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	2,340.18	688.58
26 24 16 00-0583 EA 400 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	2,765.02	765.09
26 24 16 00-0584 EA 400 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	2,951.41	765.09
<b>26 24 16 00-0585</b> <b>Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V</b> <small>(26 24 16 00-0567)</small>		
<small>Note: Includes 1 pole plug-in breaker.</small>		
26 24 16 00-0586 EA 125 Amp Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	731.13	229.65
26 24 16 00-0587 EA 125 Amp Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,087.76	344.30
26 24 16 00-0588 EA 125 Amp Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	782.38	229.65
26 24 16 00-0589 EA 125 Amp Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,134.36	344.30
26 24 16 00-0590 EA 200 Amp Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,391.22	423.82
26 24 16 00-0591 EA 200 Amp Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,523.87	459.08
26 24 16 00-0592 EA 200 Amp Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,878.71	551.07
26 24 16 00-0593 EA 200 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,223.69	688.58
26 24 16 00-0594 EA 200 Amp Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,445.59	423.82
26 24 16 00-0595 EA 200 Amp Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	1,585.51	458.81
26 24 16 00-0596 EA 200 Amp Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,087.70	550.66
26 24 16 00-0597 EA 200 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,433.38	688.58
26 24 16 00-0598 EA 400 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,811.62	765.09
26 24 16 00-0599 EA 400 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,998.00	765.09

**26 Electrical**  
**26 20 Low-Voltage Electrical Distribution**  
**26 24 Switchboards And Panelboards**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 16 00-0600			<b>Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase</b> (26 24 16 00-0567) Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0601	EA		125 Amp Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	724.91	229.65
26 24 16 00-0602	EA		125 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,066.02	344.30
26 24 16 00-0603	EA		200 Amp Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,270.60	367.36
26 24 16 00-0604	EA		200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,453.77	424.03
26 24 16 00-0605	EA		200 Amp Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers.....	1,609.30	459.08
26 24 16 00-0606	EA		200 Amp Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	2,125.25	612.15
26 24 16 00-0607	EA		200 Amp Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	1,286.13	367.36
26 24 16 00-0608	EA		200 Amp Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	1,484.42	423.82
26 24 16 00-0609	EA		200 Amp Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	1,616.58	458.81
26 24 16 00-0610	EA		200 Amp Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	2,039.82	612.15
26 24 16 00-0611	EA		400 Amp Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	4,364.86	765.09
26 24 16 00-0612	EA		400 Amp Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker .....	4,675.51	765.09

26 24 16 00-0613			<b>Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V</b> (26 24 16 00-0567) Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0614	EA		200 Amp Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,044.21	459.08
26 24 16 00-0615	EA		200 Amp Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker.....	2,720.73	688.58
26 24 16 00-0616	EA		200 Amp Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker .....	2,136.92	458.81
26 24 16 00-0617	EA		200 Amp Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker .....	2,813.92	688.58

**26 24 16 00-0618 Panel Mounted Accessories And Fuseholders** (26 24 16 00-0001)

26 24 16 00-0619			<b>Midget Finger-Safe Fuse Holders</b> (26 24 16 00-0618) Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0620	EA		1 Pole Midget Finger-Safe Fuse Holder.....	42.18	12.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0621	EA		1 Pole With Indicator Midget Finger-Safe Fuse Holder .....	49.11	12.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0622	EA		2 Pole Midget Finger-Safe Fuse Holder.....	67.68	18.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0623	EA		2 Pole With Indicators Midget Finger-Safe Fuse Holder .....	85.78	18.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.39	
26 24 16 00-0624	EA		3 Pole Midget Finger-Safe Fuse Holder.....	98.80	24.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0625	EA		3 Pole With Indicators Midget Finger-Safe Fuse Holder .....	122.84	24.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0626	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder .....	142.95	24.79
			Note: With indicators.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0627	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder .....	116.29	24.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.53	
26 24 16 00-0628	EA		4 Pole Midget Finger-Safe Fuse Holder.....	124.37	30.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0629	EA		4 Pole With Indicator Midget Finger-Safe Fuse Holder .....	150.77	30.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.66	
26 24 16 00-0630	EA		12 To 24 Volt DC Midget Finger-Safe Fuse Holder.....	49.14	12.39
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0631	EA		20 To 24 Volt DC Midget Finger-Safe Fuse Holder.....	52.82	12.39
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	
26 24 16 00-0632	EA		35 To 48 Volt DC Midget Finger-Safe Fuse Holder.....	49.82	12.39
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.26	

**26 24 16 00-0633 Removal And Reinstallation Of Panelboards** (26 24 16 00-0001)

			Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0634	EA		Remove And Reinstall Panelboards With Breakers, Up To 42 Circuit Capacity .....	867.00	
			Note: Includes removal and reinstallation of main wiring to panelboard.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.22	
26 24 16 00-0635	EA		Remove And Reinstall Breaker, 1-2-3 Pole, Any Amperage .....	46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 24 16 00-0636	EA		Panelboard Filler Plate, Fits 1" Opening .....	3.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.65	

**26 24 19 Motor-Control Centers** (26 24)

26 24 19 00-0001			<b>Combination Starters With Molded Case Circuit Breakers</b> (26 24 19) Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002			<b>230 Volt Combination With Molded Case Circuit, Full Volt</b> (26 24 19 00-0001) Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit .....	1,883.71	62.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0004	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit .....	2,237.52	66.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0005 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,352.56 41.55	69.24
26 24 19 00-0006 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,111.90 49.10	81.84
26 24 19 00-0007 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,364.78 56.66	94.43
26 24 19 00-0008 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,828.78 75.54	125.91
<b>26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0010 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,883.71 37.77	62.95
26 24 19 00-0011 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,237.52 39.66	66.10
26 24 19 00-0012 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,352.56 41.55	69.24
26 24 19 00-0013 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,111.90 49.10	81.84
26 24 19 00-0014 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,364.78 56.66	94.43
26 24 19 00-0015 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,828.78 75.54	125.91
<b>26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 1-Speed reversing.		
26 24 19 00-0017 EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,751.58 37.77	62.95
26 24 19 00-0018 EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,680.90 39.66	66.10
26 24 19 00-0019 EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,296.07 41.55	69.24
26 24 19 00-0020 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,296.54 49.10	81.84
26 24 19 00-0021 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,349.77 56.66	94.43
26 24 19 00-0022 EA 230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,651.41 75.54	125.91
<b>26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 1-Speed reversing.		
26 24 19 00-0024 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,751.58 37.77	62.95
26 24 19 00-0025 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,680.90 39.66	66.10
26 24 19 00-0026 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,296.07 41.55	69.24
26 24 19 00-0027 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,296.54 49.10	81.84
26 24 19 00-0028 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,349.77 56.66	94.43
26 24 19 00-0029 EA 480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,651.41 75.54	125.91
<b>26 24 19 00-0030 230 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,329.08 60.43	100.72
26 24 19 00-0032 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,603.03 64.21	107.02
26 24 19 00-0033 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,811.03 67.99	113.31
26 24 19 00-0034 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,228.08 77.43	129.05
26 24 19 00-0035 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,305.47 90.65	151.09
<b>26 24 19 00-0036 480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,329.08 60.43	100.72
26 24 19 00-0038 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,603.03 64.21	107.02
26 24 19 00-0039 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,811.03 67.99	113.31
26 24 19 00-0040 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,228.08 77.43	129.05
26 24 19 00-0041 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,305.47 90.65	151.09

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0042			<b>230 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit .....	3,886.07	62.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0044	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit .....	5,804.61	66.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	
26 24 19 00-0045	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit .....	7,962.20	69.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.55	
26 24 19 00-0046	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit .....	14,994.69	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0047	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit .....	26,015.34	94.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0048			<b>480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit .....	3,886.07	62.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0050	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit .....	5,804.61	66.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	
26 24 19 00-0051	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit .....	7,962.20	69.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.55	
26 24 19 00-0052	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit .....	14,994.69	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0053	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit .....	26,015.34	94.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0054			<b>230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA		230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit .....	5,767.84	66.10
26 24 19 00-0056	EA		230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit .....	8,852.91	72.39
26 24 19 00-0057	EA		230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit .....	14,952.40	81.84
26 24 19 00-0058	EA		230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit .....	23,154.31	94.43
26 24 19 00-0059	EA		230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit .....	39,638.75	125.91
26 24 19 00-0060			<b>480 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA		480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit .....	5,767.84	66.10
26 24 19 00-0062	EA		480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit .....	8,852.91	72.39
26 24 19 00-0063	EA		480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit .....	14,952.40	81.84
26 24 19 00-0064	EA		480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit .....	23,154.31	94.43
26 24 19 00-0065	EA		480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit .....	39,638.75	125.91
26 24 19 00-0066			<b>230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0067	EA		230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit .....	3,897.24	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0068	EA		230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit .....	5,044.82	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0069	EA		230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit .....	8,927.60	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0070	EA		230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit .....	15,263.45	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0071	EA		230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit .....	20,979.88	201.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
26 24 19 00-0072			<b>480 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0073	EA		480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit .....	3,897.24	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0074	EA		480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit .....	5,044.82	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0075	EA		480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit .....	8,927.60	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0076	EA		480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit .....	15,263.45	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0077	EA		480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit .....	20,979.88	201.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
26 24 19 00-0078			<b>230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit .....	16,355.33	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0080 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit.....	17,340.03	100.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.43	
26 24 19 00-0081 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit.....	19,144.02	116.46
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	69.88	
26 24 19 00-0082 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	29,020.99	129.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	77.43	
26 24 19 00-0083 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	39,593.22	157.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	94.43	
26 24 19 00-0084 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	53,740.12	201.45
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	120.87	
<b>26 24 19 00-0085 480 Volt Combination With Molded Case Circuit (26 24 19 00-0001)</b>		
Note: Reducing volt, energy saver.		
26 24 19 00-0086 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit.....	16,355.33	81.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.10	
26 24 19 00-0087 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit.....	17,340.03	100.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.43	
26 24 19 00-0088 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	19,144.02	116.46
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	69.88	
26 24 19 00-0089 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	29,020.99	129.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	77.43	
26 24 19 00-0090 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	39,593.22	157.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	94.43	
26 24 19 00-0091 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit.....	53,740.12	201.45
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	120.87	
<b>26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers (26 24 19)</b>		
Note: Includes NEMA 1 enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
<b>26 24 19 00-0093 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b>		
Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit.....	2,536.45	62.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
26 24 19 00-0095 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit.....	2,890.26	66.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.66	
26 24 19 00-0096 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit.....	4,494.40	69.24
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.55	
26 24 19 00-0097 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit.....	8,316.51	81.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.10	
26 24 19 00-0098 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit.....	14,927.93	94.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.66	
26 24 19 00-0099 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit.....	24,353.58	125.91
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	75.54	
<b>26 24 19 00-0100 480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b>		
Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit.....	2,536.45	62.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
26 24 19 00-0102 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit.....	2,890.26	66.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.66	
26 24 19 00-0103 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit.....	4,494.40	69.24
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.55	
26 24 19 00-0104 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit.....	8,316.51	81.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.10	
26 24 19 00-0105 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit.....	14,927.93	94.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.66	
26 24 19 00-0106 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit.....	24,353.58	125.91
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	75.54	
<b>26 24 19 00-0107 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b>		
Note: Full volt, 1-speed reversing.		
26 24 19 00-0108 EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit.....	3,398.81	62.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
26 24 19 00-0109 EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit.....	4,320.77	66.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.66	
26 24 19 00-0110 EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit.....	6,412.17	69.24
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.55	
26 24 19 00-0111 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit.....	11,471.73	81.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.10	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0112 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,861.44 56.66	94.43
<b>26 24 19 00-0113 480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed reversing.		
26 24 19 00-0114 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,398.81 37.77	62.95
26 24 19 00-0115 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,320.77 39.66	66.10
26 24 19 00-0116 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,412.17 41.55	69.24
26 24 19 00-0117 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,471.73 49.10	81.84
26 24 19 00-0118 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,861.44 56.66	94.43
<b>26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,965.27 60.43	100.72
26 24 19 00-0121 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,230.03 64.21	107.02
26 24 19 00-0122 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,908.74 67.99	113.31
26 24 19 00-0123 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,377.53 77.43	129.05
26 24 19 00-0124 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,796.92 90.65	151.09
<b>26 24 19 00-0125 480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,965.27 60.43	100.72
26 24 19 00-0127 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,230.03 64.21	107.02
26 24 19 00-0128 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,908.74 67.99	113.31
26 24 19 00-0129 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,377.53 77.43	129.05
26 24 19 00-0130 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,796.92 90.65	151.09
<b>26 24 19 00-0131 230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,585.21 56.66	94.43
26 24 19 00-0133 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,489.82 60.43	100.72
26 24 19 00-0134 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,129.93 64.21	107.02
26 24 19 00-0135 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,200.23 73.65	122.76
26 24 19 00-0136 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,557.88 86.88	144.79
<b>26 24 19 00-0137 480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,585.21 56.66	94.43
26 24 19 00-0139 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,489.82 60.43	100.72





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0140 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,129.93 64.21	107.02
26 24 19 00-0141 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,200.23 73.65	122.76
26 24 19 00-0142 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,557.88 86.88	144.79
<b>26 24 19 00-0143 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b> Note: Reduced volt, auto-transformer.		
26 24 19 00-0144 EA 230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,385.64 39.66	66.10
26 24 19 00-0145 EA 230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,309.16 43.44	72.39
26 24 19 00-0146 EA 230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,454.88 49.10	81.84
26 24 19 00-0147 EA 230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,465.82 56.66	94.43
26 24 19 00-0148 EA 230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,568.07 75.54	125.91
<b>26 24 19 00-0149 480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b> Note: Reduced volt, auto-transformer.		
26 24 19 00-0150 EA 480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,385.64 39.66	66.10
26 24 19 00-0151 EA 480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,309.16 43.44	72.39
26 24 19 00-0152 EA 480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,454.88 49.10	81.84
26 24 19 00-0153 EA 480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,465.82 56.66	94.43
26 24 19 00-0154 EA 480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,568.07 75.54	125.91
<b>26 24 19 00-0155 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b> Note: Reduced volt, part winding.		
26 24 19 00-0156 EA 230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,533.43 60.43	100.72
26 24 19 00-0157 EA 230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,668.14 69.88	116.46
26 24 19 00-0158 EA 230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,017.96 77.43	129.05
26 24 19 00-0159 EA 230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,797.19 94.43	157.38
26 24 19 00-0160 EA 230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,279.03 120.87	201.45
<b>26 24 19 00-0161 480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b> Note: Reduced volt, part winding.		
26 24 19 00-0162 EA 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,533.43 60.43	100.72
26 24 19 00-0163 EA 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,668.14 69.88	116.46
26 24 19 00-0164 EA 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,017.96 77.43	129.05
26 24 19 00-0165 EA 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,797.19 94.43	157.38
26 24 19 00-0166 EA 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,279.03 120.87	201.45
<b>26 24 19 00-0167 230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b> Note: Reduced volt, energy saving		
26 24 19 00-0168 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,883.04 49.10	81.84
26 24 19 00-0169 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,862.22 60.43	100.72
26 24 19 00-0170 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,647.83 69.88	116.46
26 24 19 00-0171 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29,438.38 77.43	129.05
26 24 19 00-0172 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,916.83 94.43	157.38

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0173 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	55,959.44	201.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
<b>26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092)</b>		
Note: Reduced volt, energy saving		
26 24 19 00-0175 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit.....	16,883.07	81.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.11	
26 24 19 00-0176 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit.....	17,862.22	100.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0177 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit.....	19,647.83	116.46
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0178 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit.....	29,438.38	129.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0179 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	39,916.83	157.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0180 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit.....	55,959.44	201.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
<b>26 24 19 00-0181 Combination Starters With Fusible Switch (26 24 19)</b>		
Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
<b>26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt (26 24 19 00-0181)</b>		
Note: 1-Speed non-reversing.		
26 24 19 00-0183 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,670.42	62.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0184 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	2,320.26	66.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	
26 24 19 00-0185 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,944.62	69.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.55	
26 24 19 00-0186 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	6,988.96	81.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0187 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	11,375.55	94.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0188 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	20,323.14	125.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
<b>26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt (26 24 19 00-0181)</b>		
Note: 1-Speed non-reversing.		
26 24 19 00-0190 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,670.42	62.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0191 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	2,320.26	66.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	
26 24 19 00-0192 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,944.62	69.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.55	
26 24 19 00-0193 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	6,988.96	81.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0194 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	11,375.55	94.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0195 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	20,323.14	125.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
<b>26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt (26 24 19 00-0181)</b>		
Note: 1-Speed reversing.		
26 24 19 00-0197 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	2,727.68	62.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	
26 24 19 00-0198 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	4,085.42	66.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.66	
26 24 19 00-0199 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	6,564.78	69.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.55	
26 24 19 00-0200 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	10,723.37	81.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0201 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	16,522.09	94.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0202 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	28,111.90	125.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
<b>26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt (26 24 19 00-0181)</b>		
Note: 1-Speed reversing.		
26 24 19 00-0204 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	2,727.68	62.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.77	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Switchboards And Panelboards</b>	<b>26 24</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0205 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,085.42 39.66	66.10
26 24 19 00-0206 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,564.78 41.55	69.24
26 24 19 00-0207 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,723.37 49.10	81.84
26 24 19 00-0208 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,522.09 56.66	94.43
26 24 19 00-0209 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,111.90 75.54	125.91
<b>26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt</b> (26 24 19 00-0181) Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,174.63 60.43	100.72
26 24 19 00-0212 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,389.74 64.21	107.02
26 24 19 00-0213 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,948.93 67.99	113.31
26 24 19 00-0214 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,467.11 77.43	129.05
26 24 19 00-0215 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,902.80 90.65	151.09
<b>26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt</b> (26 24 19 00-0181) Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,174.63 60.43	100.72
26 24 19 00-0218 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,389.74 64.21	107.02
26 24 19 00-0219 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,948.93 67.99	113.31
26 24 19 00-0220 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,467.11 77.43	129.05
26 24 19 00-0221 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,902.80 90.65	151.09
<b>26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt</b> (26 24 19 00-0181) Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,661.74 37.77	62.95
26 24 19 00-0224 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,606.03 39.66	66.10
26 24 19 00-0225 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,090.91 41.55	69.24
26 24 19 00-0226 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,351.66 49.10	81.84
<b>26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt</b> (26 24 19 00-0181) Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,661.74 37.77	62.95
26 24 19 00-0229 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,606.03 39.66	66.10
26 24 19 00-0230 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,090.91 41.55	69.24
26 24 19 00-0231 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,351.66 49.10	81.84
<b>26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181) Note: Auto-transformer.		
26 24 19 00-0233 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,567.42 39.66	66.10
26 24 19 00-0234 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,862.36 43.44	72.39
26 24 19 00-0235 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,460.14 49.10	81.84
26 24 19 00-0236 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,988.57 56.66	94.43
26 24 19 00-0237 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,965.27 75.54	125.91
<b>26 24 19 00-0238 480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181) Note: Auto-transformer.		
26 24 19 00-0239 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,567.42 39.66	66.10
26 24 19 00-0240 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,862.36 43.44	72.39

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0241	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	16,460.14	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0242	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	21,988.57	94.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66	
26 24 19 00-0243	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	36,965.27	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
<b>26 24 19 00-0244</b>			<b>230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181)		
			Note: Part winding.		
26 24 19 00-0245	EA		10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	3,921.14	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0246	EA		25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	5,202.94	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0247	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	8,324.51	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0248	EA		75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	16,666.38	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
<b>26 24 19 00-0249</b>			<b>480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181)		
			Note: Part winding.		
26 24 19 00-0250	EA		15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	3,921.14	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0251	EA		40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	5,202.94	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0252	EA		75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	8,324.51	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0253	EA		150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	16,666.38	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
<b>26 24 19 00-0254</b>			<b>230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181)		
			Note: Energy saver.		
26 24 19 00-0255	EA		7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	16,353.49	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0256	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	17,340.03	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0257	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	19,144.02	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0258	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	29,020.99	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0259	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	39,593.22	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0260	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	53,740.12	201.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
<b>26 24 19 00-0261</b>			<b>480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> (26 24 19 00-0181)		
			Note: Energy saver.		
26 24 19 00-0262	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	16,353.49	81.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.10	
26 24 19 00-0263	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	17,340.03	100.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.43	
26 24 19 00-0264	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	19,144.02	116.46
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.88	
26 24 19 00-0265	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	29,020.99	129.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.43	
26 24 19 00-0266	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	39,593.22	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0267	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	53,740.12	201.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.87	
<b>26 24 19 00-0268</b>			<b>Starter Accessories</b> (26 24 19)		
<b>26 24 19 00-0269</b>			<b>Starter Modifications</b> (26 24 19 00-0268)		
26 24 19 00-0270	EA		Control Circuit Transformer 60 Hertz, Size 1, 2, 50 VA Standard.....	93.93	
26 24 19 00-0271	EA		Control Circuit Transformer 60 Hertz, Size 3, 4, 150 VA Standard.....	286.84	
26 24 19 00-0272	EA		Control Circuit Transformer 60 Hertz, Size 5, 6, 50 VA.....	410.03	
26 24 19 00-0273	EA		Control Circuit Transformer 60 Hertz, All Sizes, Extra 50 VA.....	102.97	
26 24 19 00-0274	EA		Control Circuit Transformer 60 Hertz, All Sizes, Extra 100 VA.....	145.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0275 EA Control Circuit Transformer 60 Hertz, All Sizes, Extra 150 VA .....	244.55	
26 24 19 00-0276 EA Overload Relay Heater Elements, 3 Per Starter .....	60.68	
26 24 19 00-0277 EA N.O. Overload Relay Alarm .....	51.48	
26 24 19 00-0278 EA Control Circuit Fuses, Primary/Secondary .....	34.51	
26 24 19 00-0279 EA Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton .....	42.67	
26 24 19 00-0280 EA Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton .....	83.45	
26 24 19 00-0281 EA Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select .....	42.67	
26 24 19 00-0282 EA Control Devices Type PB2 Mount On Device, Individual Light Full V .....	48.94	
26 24 19 00-0283 EA Control Devices Type PB2 Mount On Device, Individual Light Transformer .....	58.98	
26 24 19 00-0284 EA Control Devices Type PB2 Mount On Device, Individual Light Push To .....	69.65	
26 24 19 00-0285 EA Blank Devices Panel .....	13.18	
26 24 19 00-0286 EA Oversize Or Special Color Starter .....	20.71	
26 24 19 00-0287 EA Mini Voltmeter/Ammeter With Current Transformer .....	191.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0288 EA Mini Elapsed Time Meters, Non Resettable .....	5.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0289 EA Panel Elapsed Time Meter, Resettable .....	174.50	
26 24 19 00-0290 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Press .....	5.67	
26 24 19 00-0291 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw .....	244.71	
26 24 19 00-0292 EA Terminal Blocks, Front Mounted, Press Connection, Standard .....	20.71	
26 24 19 00-0293 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In .....	29.49	
26 24 19 00-0294 EA Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility .....	20.71	
26 24 19 00-0295 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type .....	29.49	
26 24 19 00-0296 EA MOR - A Solid State Modular Overload Relay .....	42.67	
26 24 19 00-0297 EA Heater Module .....	106.04	
26 24 19 00-0298 EA LAM - Long Acceleration Module .....	39.74	
26 24 19 00-0299 EA JAM - Jam Protection Module .....	246.86	
26 24 19 00-0300 EA PUM - Phase Unbalance Module .....	282.98	
26 24 19 00-0301 EA ULM - Underload Module .....	537.07	
26 24 19 00-0302 EA Wiring To Common Control Circuit Transformer .....	257.70	
26 24 19 00-0303 EA Handle Operator Separable Source Control Circuit .....	56.60	
26 24 19 00-0304 EA Type SIS Control Wire .....	105.97	
26 24 19 00-0305 EA Ring Or Spade Terminals Control .....	44.55	
26 24 19 00-0306 EA Ring Terminals Power .....	56.60	
26 24 19 00-0307 EA 14 Gauge Control Wire .....	56.60	
26 24 19 00-0308 EA Wiremakers .....	44.55	
26 24 19 00-0309 EA Wiring Diagram On Door .....	56.60	
26 24 19 00-0310 EA Special Color Or Type Control Wire .....	33.72	
26 24 19 00-0311 EA Current Transformer 12.5 VA .....	40.94	
26 24 19 00-0312 EA Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4 .....	321.52	
26 24 19 00-0313 EA Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6 .....	1,027.17	
26 24 19 00-0314 EA Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6 .....	1,156.02	
<b>26 24 19 00-0314 Control Relays And Special Components <small>(26 24 19 00-0268)</small></b>		
26 24 19 00-0315 EA Control Relays, 600 Volt, 2 Pole .....	247.20	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0316 EA Control Relays, 600 Volt, 4 Pole .....	5.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0317 EA Control Relays, 600 Volt, 6 Pole .....	294.31	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0318 EA Control Relays, 600 Volt, 8 Pole .....	9.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
26 24 19 00-0319 EA Control Relays, Pneumatic Timer .....	347.72	
26 24 19 00-0320 EA Control Relays, Motor Driven Timer .....	15.11	
26 24 19 00-0321 EA Control Relays, 7 Day Time Switch .....	388.55	
26 24 19 00-0322 EA Control Relays, 24 Hour Time Switch .....	18.89	
26 24 19 00-0323 EA Control Relays, Phase Voltage .....	322.46	
26 24 19 00-0324 EA Control Relays, Two Circuit Alternator .....	840.28	
26 24 19 00-0325 EA Control Relays, Manual 120 Volt .....	1,057.61	
26 24 19 00-0326 EA Control Relays, Over-Current Relay .....	296.57	
26 24 19 00-0327 EA Control Relays, UV-Relay .....	504.48	
26 24 19 00-0328 EA Control Relays, Over-Current Relay .....	706.12	
26 24 19 00-0329 EA Control Relays, Teleductor .....	69.04	
26 24 19 00-0330 EA Control Relays, Current Transducer .....	2,297.59	
26 24 19 00-0331 EA Control Relays, Watt Transducer .....	1,945.96	
26 24 19 00-0332 EA Control Relays, Blank, Add For Each 1x .....	1,945.96	
26 24 19 00-0333 EA Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway .....	520.17	
26 24 19 00-0334 EA Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway .....	1,398.90	
26 24 19 00-0335 EA Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway .....	2,797.80	
26 24 19 00-0336 EA Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway .....	94.93	
26 24 19 00-0337 EA Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway .....	142.01	
26 24 19 00-0338 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	160.05	
26 24 19 00-0339 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	178.10	
26 24 19 00-0340 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	160.05	
26 24 19 00-0341 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	178.10	
26 24 19 00-0342 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	187.51	
<b>26 24 19 00-0339 Circuit Breaker Modifications/Accessories <small>(26 24 19 00-0268)</small></b>		
26 24 19 00-0340 EA Circuit Breaker, Shunt Trip .....	300.65	
26 24 19 00-0341 EA Circuit Breaker, Auxiliary Switch .....	103.85	
26 24 19 00-0342 EA Circuit Breaker, Key Interlock .....	373.51	
26 24 19 00-0343 EA Circuit Breaker, GFR Ground Fault .....	1,721.85	
26 24 19 00-0344 EA Circuit Breaker, Seltronic Breaker .....	997.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)</b>		
26 24 19 00-0346 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	934.09 24.55	40.92
26 24 19 00-0347 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,619.35 37.77	62.95
26 24 19 00-0348 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,564.65 24.55	40.92
26 24 19 00-0349 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,248.59 37.77	62.95
26 24 19 00-0350 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,891.10 37.77	62.95
26 24 19 00-0351 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,779.28 49.11	81.84
26 24 19 00-0352 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,893.70 52.89	88.13
26 24 19 00-0353 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,817.43 67.96	113.31
26 24 19 00-0354 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,484.18 103.91	173.12
26 24 19 00-0355 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,348.00 156.88	261.26
26 24 19 00-0356 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,952.31 207.56	346.24
26 24 19 00-0357 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,861.44 260.38	434.37
26 24 19 00-0358 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,839.52 302.43	503.56
26 24 19 00-0359 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,123.92 24.55	40.92
26 24 19 00-0360 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,803.87 37.77	62.95
26 24 19 00-0361 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,123.92 24.55	40.92
26 24 19 00-0362 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,803.87 37.77	62.95
26 24 19 00-0363 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,916.44 24.55	40.92
26 24 19 00-0364 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,622.94 37.77	62.95
26 24 19 00-0365 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,257.49 37.77	62.95
26 24 19 00-0366 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,712.28 37.77	62.95
26 24 19 00-0367 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,335.50 103.91	173.12
26 24 19 00-0368 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,335.50 103.91	173.12
26 24 19 00-0369 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,846.87 113.27	188.85
26 24 19 00-0370 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,303.67 132.14	220.33
26 24 19 00-0371 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,402.98 156.88	261.26
<b>26 24 19 00-0372 Incoming Line And Feeder Fusible Switches (26 24 19 00-0268)</b>		
26 24 19 00-0373 EA Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	976.07 1,504.70	62.95
26 24 19 00-0374 EA Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,504.70 1,614.98	62.95
26 24 19 00-0375 EA Incoming Line And Feeder Fusible Switches, 100 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,614.98 2,630.17	78.69
26 24 19 00-0376 EA Incoming Line And Feeder Fusible Switches, 200 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,630.17 5,192.19	94.43
26 24 19 00-0377 EA Incoming Line And Feeder Fusible Switches, 400 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,192.19 7,284.15	119.61
26 24 19 00-0378 EA Incoming Line And Feeder Fusible Switches, 600 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,284.15 17,736.11	157.38
26 24 19 00-0379 EA Incoming Line And Feeder Fusible Switches, 800 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,736.11 20,004.26	210.89
26 24 19 00-0380 EA Incoming Line And Feeder Fusible Switches, 1,200 Amps ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,004.26 905.36	292.73
<b>26 24 19 00-0381 Dry Type Distribution Transformers (26 24 19 00-0268)</b>		
26 24 19 00-0382 EA 500 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	905.36 934.56	
26 24 19 00-0383 EA 750 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	934.56 965.09	
26 24 19 00-0384 EA 1,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	965.09 1,107.14	
26 24 19 00-0385 EA 1,500 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,107.14 1,200.06	
26 24 19 00-0386 EA 2,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,200.06 1,292.09	
26 24 19 00-0387 EA 3,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,292.09 1,632.83	
26 24 19 00-0388 EA 5,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,632.83 1,839.92	
26 24 19 00-0389 EA 7,500 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,839.92 4,277.21	
26 24 19 00-0390 EA 9,000 VA, Phase 3, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,277.21 2,270.03	
26 24 19 00-0391 EA 10,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,270.03 3,144.85	
26 24 19 00-0392 EA 15,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,144.85 4,901.14	
26 24 19 00-0393 EA 15,000 VA, Phase 3, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,901.14 4,538.73	
26 24 19 00-0394 EA 20,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,538.73 6,289.71	
26 24 19 00-0395 EA 30,000 VA, Phase 1, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,289.71 6,177.47	
26 24 19 00-0396 EA 30,000 VA, Phase 3, Dry Type Distribution Transformers ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,177.47	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0397 EA 45,000 VA, Phase 1, Dry Type Distribution Transformers .....	8,556.95	
<b>26 24 19 00-0398 Metering Equipment (26 24 19 00-0268)</b>		
26 24 19 00-0399 EA Metering Equipment, Voltmeter, Panel Type .....	202.04	
26 24 19 00-0400 EA Metering Equipment, Voltmeter, Switchboard Type .....	441.73	
26 24 19 00-0401 EA Metering Equipment, Ammeter, Panel .....	181.96	
26 24 19 00-0402 EA Metering Equipment, Ammeter, Switchboard Type .....	441.73	
26 24 19 00-0403 EA Metering Equipment, Voltmeter/Ammeter, Switch .....	245.34	
26 24 19 00-0404 EA Metering Equipment, Control Switch, 4 Circuits .....	260.40	
26 24 19 00-0405 EA Add For Additional Circuits .....	66.23	
26 24 19 00-0406 EA Metering Equipment, Indicating Wattmeter .....	911.08	
26 24 19 00-0407 EA Metering Equipment, Indicating Power Factor .....	954.37	
26 24 19 00-0408 EA Metering Equipment, Integrating Watt-hour .....	841.43	
26 24 19 00-0409 EA Add For Demand Attachment .....	433.51	
26 24 19 00-0410 EA Metering Equipment, Current Transformer, 800 Amp .....	251.61	
26 24 19 00-0411 EA Metering Equipment, Current Transformer, 1,000 Amp .....	434.20	
26 24 19 00-0412 EA Metering Equipment, Current Transformer, 2,000 Amp .....	505.73	
26 24 19 00-0413 EA Metering Equipment, Potential Transformer .....	421.65	
26 24 19 00-0414 EA Metering Equipment, Surge Arrester .....	453.66	
26 24 19 00-0415 EA Metering Equipment, Ground Detector System .....	346.99	
<b>26 24 19 00-0416 Current Limiting Reactors (26 24 19 00-0268)</b>		
26 24 19 00-0417 EA Current Limiting Reactors, 600 Amps .....	16,385.37	
26 24 19 00-0418 EA Current Limiting Reactors, 800 Amps .....	23,861.86	
26 24 19 00-0419 EA Current Limiting Reactors, 1,000 Amps .....	31,355.62	
26 24 19 00-0420 EA Current Limiting Reactors, 1,200 Amps .....	47,729.04	
<b>26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only (26 24 19 00-0268)</b>		
26 24 19 00-0422 EA Incoming Line Cable Space Requirement, 350 MCC, 2 Screw .....	399.00	
26 24 19 00-0423 EA Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp .....	399.00	
26 24 19 00-0424 EA Incoming Line Cable Space Requirement, 350 MCC, 4 Screw .....	551.61	
26 24 19 00-0425 EA Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp .....	1,009.45	
26 24 19 00-0426 EA Incoming Line Cable Space Requirement, 600 MCC, 2 Screw .....	551.61	
26 24 19 00-0427 EA Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp .....	704.22	
26 24 19 00-0428 EA Incoming Line Cable Space Requirement, 600 MCC, 4 Screw .....	704.22	
26 24 19 00-0429 EA Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp .....	1,007.61	
26 24 19 00-0430 EA Incoming Line Cable Space Requirement, 750 MCC, 2 Screw .....	704.22	
26 24 19 00-0431 EA Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp .....	1,007.61	
26 24 19 00-0432 EA Incoming Line Cable Space Requirement, 750 MCC, 4 Screw .....	856.84	
26 24 19 00-0433 EA Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp .....	2,778.29	
26 24 19 00-0434 EA Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw .....	856.84	
26 24 19 00-0435 EA Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp .....	1,007.61	
26 24 19 00-0436 EA Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw .....	2,778.29	
26 24 19 00-0437 EA Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp .....	2,778.29	
26 24 19 00-0438 EA Bus Duct Transition Pull Box .....	790.07	
26 24 19 00-0439 EA Throat And Transition To Substation .....	1,525.22	
26 24 19 00-0440 EA Service Entrance Label .....	330.31	
26 24 19 00-0441 EA Type W To 5 Star - 10" Transition .....	690.43	
26 24 19 00-0442 EA 600 Ampere Sub Feed Lugs On Main Bus .....	287.80	
<b>26 24 19 00-0443 Standard Structures And Structure Options/Modifications (26 24 19 00-0268)</b>		
26 24 19 00-0444 EA Standard Structure Add For Each Additional 4" Of Structure Width .....	218.11	
26 24 19 00-0445 EA Standard Structure Add For 8" Vertical Wireway In Lieu Of 4" .....	218.11	
26 24 19 00-0446 EA Standard Structure Single Corner Section "L", 16" Depth .....	674.74	
26 24 19 00-0447 EA Standard Structure Single Corner Section "L", 21" Depth .....	761.04	
26 24 19 00-0448 EA Standard Structure Unused Space/Future Space .....	65.12	
26 24 19 00-0449 EA Standard Structure NEMA 12 Dustproof .....	175.75	
26 24 19 00-0450 EA Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure .....	36.88	
26 24 19 00-0451 EA Standard Structure 150 Watt Space .....	158.48	
26 24 19 00-0452 EA Standard Structure Thermostat For Space Heater Control .....	350.42	
26 24 19 00-0453 EA Standard Structure Rear Hinged Structure Door, 72" High .....	158.48	
26 24 19 00-0454 EA Standard Structure NEMA 2 Drip Shield On Top Of MCC .....	226.39	
26 24 19 00-0455 EA Standard Structure NEMA 3R N-Walk In Front Mounted .....	3,229.63	
26 24 19 00-0456 EA Standard Structure NEMA 3R N-Walk In Back-to-back .....	3,732.98	
26 24 19 00-0457 EA Standard Structure NEMA 3R Walk-In Aisle Front Mounted .....	3,736.59	
<b>26 24 19 00-0458 Installation Hours For Vertical Sections (26 24 19 00-0268)</b>		
26 24 19 00-0459 EA Install Vertical Section, 230/480 Volt, 1 Section, 600 Amps .....	377.70	188.85
26 24 19 00-0460 EA Install Vertical Section, 230/480 Volt, 2 Section, 600 Amps .....	566.55	283.29
26 24 19 00-0461 EA Install Vertical Section, 230/480 Volt, 3 Section, 600 Amps .....	629.53	314.76
26 24 19 00-0462 EA Install Vertical Section, 230/480 Volt, 4 Section, 600 Amps .....	755.50	377.72
26 24 19 00-0463 EA Install Vertical Section, 230/480 Volt, Bolt To Floor, 600 Amps .....	62.95	31.48
26 24 19 00-0464 EA Install Vertical Section, 230/480 Volt, 1 Section, 800 Amps .....	377.70	188.85
26 24 19 00-0465 EA Install Vertical Section, 230/480 Volt, 2 Section, 800 Amps .....	566.55	283.29
26 24 19 00-0466 EA Install Vertical Section, 230/480 Volt, 3 Section, 800 Amps .....	629.53	314.76

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 24</b>	<b>Switchboards And Panelboards</b>



**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0467	EA		Install Vertical Section, 230/480 Volt, 4 Section, 800 Amps.....	755.50	377.72
26 24 19 00-0468	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 800 Amps.....	62.95	31.48
26 24 19 00-0469	EA		Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amps.....	440.67	220.33
26 24 19 00-0470	EA		Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amps.....	566.55	283.29
26 24 19 00-0471	EA		Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amps.....	755.50	377.72
26 24 19 00-0472	EA		Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amps.....	881.23	440.60
26 24 19 00-0473	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,200 Amps.....	94.43	47.22
26 24 19 00-0474	EA		Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amps.....	503.62	251.81
26 24 19 00-0475	EA		Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amps.....	692.54	346.24
26 24 19 00-0476	EA		Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amps.....	881.23	440.60
26 24 19 00-0477	EA		Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amps.....	1,007.06	503.56
26 24 19 00-0478	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,600 Amps.....	125.91	62.95
26 24 19 00-0479	EA		Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amps.....	503.62	251.81
26 24 19 00-0480	EA		Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amps.....	755.50	377.72
26 24 19 00-0481	EA		Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amps.....	944.19	472.08
26 24 19 00-0482	EA		Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amps.....	1,070.26	535.17
26 24 19 00-0483	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 2,000 Amps.....	125.91	62.95

### 26 24 19 00-0484 Motor Control Centers (26 24 19)

#### 26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)

26 24 19 00-0486	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp.....	9,644.59	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
26 24 19 00-0487	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp.....	9,644.59	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
26 24 19 00-0488	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp.....	9,644.59	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
26 24 19 00-0489	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp.....	9,676.09	141.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.99	
26 24 19 00-0490	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp.....	10,276.27	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0491	EA		2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp.....	10,307.74	173.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.87	
26 24 19 00-0492	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp.....	10,339.21	188.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.31	
26 24 19 00-0493	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp.....	10,402.18	220.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.20	
26 24 19 00-0494	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp.....	10,465.13	251.81
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.09	
26 24 19 00-0495	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp.....	17,617.17	283.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	169.97	
26 24 19 00-0496	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp.....	18,909.54	314.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.86	
26 24 19 00-0497	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp.....	14,307.08	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
26 24 19 00-0498	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp.....	14,905.05	135.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.21	
26 24 19 00-0499	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp.....	16,932.87	147.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.76	
26 24 19 00-0500	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp.....	18,847.54	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0501	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp.....	20,506.48	182.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.55	
26 24 19 00-0502	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp.....	22,467.65	195.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.10	
26 24 19 00-0503	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp.....	24,427.65	207.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	124.64	
26 24 19 00-0504	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp.....	26,753.04	226.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.98	
26 24 19 00-0505	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp.....	31,131.54	251.81
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.09	
26 24 19 00-0506	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp.....	33,728.69	267.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.54	
26 24 19 00-0507	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp.....	51,505.63	314.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.86	
26 24 19 00-0508	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp.....	54,877.66	346.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	207.76	
26 24 19 00-0509	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp.....	57,813.03	377.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	226.65	
26 24 19 00-0510	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp.....	62,952.17	409.26
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	245.56	
26 24 19 00-0511	EA		2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp.....	13,499.36	125.91
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.54	
26 24 19 00-0512	EA		2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp.....	13,530.86	141.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.99	
26 24 19 00-0513	EA		2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp.....	13,562.31	157.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.43	
26 24 19 00-0514	EA		2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp.....	13,593.78	173.12
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.87	
26 24 19 00-0515	EA		2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp.....	13,627.55	188.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.31	
26 24 19 00-0516	EA		2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP.....	13,659.06	204.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.76	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0517 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,690.52 132.20	220.33
26 24 19 00-0518 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,816.40 169.97	283.29
26 24 19 00-0519 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,534.12 188.86	314.76
26 24 19 00-0520 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,597.13 207.76	346.24
26 24 19 00-0521 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,882.58 226.65	377.72
26 24 19 00-0522 EA Add For Reversing Starters, 100 To 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,307.74 37.77	
26 24 19 00-0523 EA Add For Reversing Starters, 1,000 To 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,468.59 37.77	
26 24 19 00-0524 EA Add For Reversing Starters, 1,750 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,369.72 37.77	
<b>26 24 19 00-0525 4.8 KV Motor Control Centers</b> <small>(26 24 19 00-0484)</small>		
26 24 19 00-0526 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,500.07 113.31	188.85
26 24 19 00-0527 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,531.58 122.76	204.59
26 24 19 00-0528 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,563.04 132.20	220.33
26 24 19 00-0529 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,594.54 141.65	236.07
26 24 19 00-0530 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,188.98 151.09	251.81
26 24 19 00-0531 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,220.50 160.54	267.55
26 24 19 00-0532 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,251.91 169.97	283.29
26 24 19 00-0533 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,283.44 179.42	299.02
26 24 19 00-0534 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,314.89 188.86	314.76
26 24 19 00-0535 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,161.72 245.56	409.26
26 24 19 00-0536 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,224.43 264.37	440.60
26 24 19 00-0537 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,511.04 283.26	472.08
26 24 19 00-0538 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,573.91 302.12	503.56
26 24 19 00-0539 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,596.12 113.31	188.85
26 24 19 00-0540 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,788.49 122.76	204.59
26 24 19 00-0541 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,244.26 132.20	220.33
26 24 19 00-0542 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,165.81 141.65	236.07
26 24 19 00-0543 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,805.80 151.09	251.81
26 24 19 00-0544 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,773.33 160.54	267.55
26 24 19 00-0545 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,620.10 169.97	283.29
26 24 19 00-0546 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,058.71 179.42	299.02
26 24 19 00-0547 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31,341.32 188.86	314.76
26 24 19 00-0548 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,252.11 198.30	330.50
26 24 19 00-0549 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37,194.39 217.20	361.98
26 24 19 00-0550 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,626.08 226.65	377.72
26 24 19 00-0551 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41,919.79 236.07	393.46
26 24 19 00-0552 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45,128.30 245.56	409.26
26 24 19 00-0553 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71,524.69 302.12	503.56
26 24 19 00-0554 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79,538.72 321.08	535.17
26 24 19 00-0555 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95,600.87 339.93	566.57
26 24 19 00-0556 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101,121.64 339.93	566.57
26 24 19 00-0557 EA 4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,415.51 132.20	220.33

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0558 EA 4.8 KV CL 14-202, Synchronous Motor Control, 700 HP.....	14,447.01	236.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	141.65	
26 24 19 00-0559 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP.....	14,478.46	251.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	151.09	
26 24 19 00-0560 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP.....	14,509.98	267.55
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	160.54	
26 24 19 00-0561 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP.....	15,752.40	283.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	169.97	
26 24 19 00-0562 EA 4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP.....	15,783.93	299.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	179.42	
26 24 19 00-0563 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP.....	15,815.38	314.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	188.86	
26 24 19 00-0564 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP.....	15,846.86	330.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	198.30	
26 24 19 00-0565 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP.....	15,878.39	346.24
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	207.76	
26 24 19 00-0566 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP.....	16,067.08	440.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	264.37	
26 24 19 00-0567 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP.....	25,945.64	472.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	283.26	
26 24 19 00-0568 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP.....	27,226.41	503.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	302.12	
26 24 19 00-0569 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP.....	27,226.41	503.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	302.12	
26 24 19 00-0570 EA Add For Reversing Starters, 100 To 1,250 HP.....	8,418.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
26 24 19 00-0571 EA Add For Reversing Starters, 1,500 To 2,500 HP.....	8,675.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
26 24 19 00-0572 EA Add For Reversing Starters, 3,000 To 4,500 HP.....	13,318.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.77	
<b>26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories (26 24 19 00-0484)</b>		
26 24 19 00-0574 EA 2.4/4.8 KV Load Break Disconnect Switch 600 Amp.....	10,916.31	125.91
26 24 19 00-0575 EA 2.4/4.8 KV Load Break Disconnect Switch 1,200 Amp.....	13,085.00	188.85
26 24 19 00-0576 EA 2.4/4.8 KV NEMA 3 Weather Resistant.....	4,341.19	
26 24 19 00-0577 EA 2.4/4.8 KV Space Heaters.....	163.91	9.44
26 24 19 00-0578 EA 2.4/4.8 KV Potential Transformer Fused.....	1,257.68	
26 24 19 00-0579 EA 2.4/4.8 KV Current Transformer 600 Volt, 5 KVA.....	674.81	
26 24 19 00-0580 EA 2.4/4.8 KV Control Transformer 4 KVA Max.....	2,009.71	
26 24 19 00-0581 EA 2.4/4.8 KV Pushbuttons Each.....	128.71	
26 24 19 00-0582 EA 2.4/4.8 KV Selector Switch Each.....	426.58	
26 24 19 00-0583 EA 2.4/4.8 KV Indicating Light.....	128.71	
26 24 19 00-0584 EA 2.4/4.8 KV Push To Test Light.....	389.81	
26 24 19 00-0585 EA 2.4/4.8 KV AC Voltmeter, Switchboard Type.....	1,037.03	
26 24 19 00-0586 EA 2.4/4.8 KV AC Ammeter, Switchboard Type.....	1,037.03	
26 24 19 00-0587 EA 2.4/4.8 KV Power Factor Meter.....	3,101.90	
26 24 19 00-0588 EA 2.4/4.8 KV Watt Hr Meter, 2 Element Drawout.....	2,138.42	
26 24 19 00-0589 EA 2.4/4.8 KV Operation Counter.....	408.70	9.44
26 24 19 00-0590 EA 2.4/4.8 KV Phase Failure Protection.....	2,971.78	31.48
26 24 19 00-0591 EA 2.4/4.8 KV Ground Protection.....	5,716.76	15.74
26 24 19 00-0592 EA 2.4/4.8 KV Synchronous Motor DC Protection.....	1,598.67	15.74
26 24 19 00-0593 EA 2.4/4.8 KV Lightning Arresters.....	2,659.67	9.44
26 24 19 00-0594 EA 2.4/4.8 KV Portable Lifting Mechanism.....	3,849.42	
26 24 19 00-0595 EA 2.4/4.8 KV Auxiliary Timing Relay.....	306.17	31.48
26 24 19 00-0596 EA 2.4/4.8 KV Auxiliary Control Relay.....	223.79	31.48
<b>26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers (26 24 19 00-0484)</b>		
Note: 3 Pole. Includes structure.		
26 24 19 00-0598 EA Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amp, 14,000 Amp IC, 3-Pole, With Structure Included.....	728.07	188.67
26 24 19 00-0599 EA Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amp, 22,000 Amp IC, 3-Pole, With Structure Included.....	1,262.86	333.96
26 24 19 00-0600 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	1,506.36	427.61
26 24 19 00-0601 EA Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	2,420.24	688.58
26 24 19 00-0602 EA Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	2,850.21	757.45
26 24 19 00-0603 EA Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amp, 30,000 Amp IC, 3-Pole, With Structure Included.....	3,693.29	840.07
26 24 19 00-0604 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 45,000 Amp IC, 3-Pole, With Structure Included.....	4,297.60	984.68
26 24 19 00-0605 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 100,000 Amp IC, 3-Pole, With Structure Included.....	7,491.48	1,147.19
<b>26 24 19 00-0606 Main Lugs Only (26 24 19 00-0484)</b>		
26 24 19 00-0607 EA 600 Amp Incoming Section, Main Lugs.....	571.11	241.01
26 24 19 00-0608 EA 800 Amp Incoming Section, Main Lugs.....	619.86	241.01
26 24 19 00-0609 EA 1,200 Amp Incoming Section, Main Lugs.....	867.08	378.72
26 24 19 00-0610 EA 2,000 Amp Incoming Section, Main Lugs.....	2,152.65	688.58
26 24 19 00-0611 EA 3,000 Amp Incoming Section, Main Lugs.....	3,277.41	998.45
26 24 19 00-0612 EA 4,000 Amp Incoming Section, Main Lugs.....	4,685.73	1,377.17
<b>26 24 19 00-0613 Incoming Main Circuit Breaker Structure (26 24 19 00-0484)</b>		
Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0614	EA		225 Amp, Main Circuit Breaker Section.....	3,950.71	333.21
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0615	EA		400 Amp, Main Circuit Breaker Section.....	8,408.67	428.02
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0616	EA		600 Amp, Main Circuit Breaker Section.....	8,713.02	666.69
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0617	EA		800 Amp, Main Circuit Breaker Section.....	12,402.27	666.69
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0618	EA		1,200 Amp, Main Circuit Breaker Section.....	17,967.63	754.34
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
<b>26 24 19 00-0619</b>			<b>Incoming Fusible Main Disconnect Section</b> <small>(26 24 19 00-0484)</small>		
			Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0620	EA		200 Amp, Fusible Main Disconnect Section.....	3,426.91	333.62
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0621	EA		400 Amp, Fusible Main Disconnect Section.....	4,734.20	428.23
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0622	EA		600 Amp, Fusible Main Disconnect Section.....	9,262.32	667.24
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0623	EA		800 Amp, Fusible Main Disconnect Section.....	10,775.72	667.24
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
26 24 19 00-0624	EA		1,200 Amp, Fusible Main Disconnect Section.....	15,190.98	755.03
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
<b>26 24 19 00-0625</b>			<b>Circuit Breaker Combination Starters</b> <small>(26 24 19 00-0484)</small>		
<b>26 24 19 00-0626</b>			<b>Class I, Type A</b> <small>(26 24 19 00-0625)</small>		
26 24 19 00-0627	EA		Size 1, Class I, Type A Circuit Breaker Combination Starter.....	608.64	139.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.70	
26 24 19 00-0628	EA		Size 2, Class I, Type A Circuit Breaker Combination Starter.....	708.30	139.79
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.28	
26 24 19 00-0629	EA		Size 3, Class I, Type A Circuit Breaker Combination Starter.....	1,028.81	198.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	118.72	
26 24 19 00-0630	EA		Size 4, Class I, Type A Circuit Breaker Combination Starter.....	1,677.65	260.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.50	
26 24 19 00-0631	EA		Size 5, Class I, Type A Circuit Breaker Combination Starter.....	3,010.89	326.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	195.62	
<b>26 24 19 00-0632</b>			<b>Class I, Type B</b> <small>(26 24 19 00-0625)</small>		
26 24 19 00-0633	EA		Size 1, Class I, Type B Circuit Breaker Combination Starter.....	576.45	121.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.86	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0634	EA		Size 2, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	672.51 77.54	121.88
26 24 19 00-0635	EA		Size 3, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	986.19 105.94	176.27
26 24 19 00-0636	EA		Size 4, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,634.18 143.46	238.94
26 24 19 00-0637	EA		Size 5, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,975.83 185.10	305.04
<b>26 24 19 00-0638</b>			<b>Class I, Type C</b> <small>(26 24 19 00-0625)</small>		
26 24 19 00-0639	EA		Size 1, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	607.96 62.37	112.92
26 24 19 00-0640	EA		Size 2, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	710.12 73.25	112.92
26 24 19 00-0641	EA		Size 3, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,055.44 101.26	168.70
26 24 19 00-0642	EA		Size 4, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,707.35 139.96	233.43
26 24 19 00-0643	EA		Size 5, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,043.91 179.32	299.54
<b>26 24 19 00-0644</b>			<b>Class II, Type B</b> <small>(26 24 19 00-0625)</small>		
26 24 19 00-0645	EA		Size 1, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	609.55 94.59	167.33
26 24 19 00-0646	EA		Size 2, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	842.04 105.61	167.33
26 24 19 00-0647	EA		Size 3, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,193.12 133.45	223.10
26 24 19 00-0648	EA		Size 4, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,947.59 172.15	285.76
26 24 19 00-0649	EA		Size 5, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,511.88 209.93	349.11
<b>26 24 19 00-0650</b>			<b>Class II, Type C</b> <small>(26 24 19 00-0625)</small>		
26 24 19 00-0651	EA		Size 1, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	760.35 90.60	158.38
26 24 19 00-0652	EA		Size 2, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	872.95 98.93	158.38
26 24 19 00-0653	EA		Size 3, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,265.83 129.43	216.21
26 24 19 00-0654	EA		Size 4, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,015.70 167.13	278.88
26 24 19 00-0655	EA		Size 5, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,589.54 207.41	344.30
<b>26 24 19 00-0656</b>			<b>Fused Disconnect Combination Starter</b> <small>(26 24 19 00-0484)</small>		
<b>26 24 19 00-0657</b>			<b>Class I, Type A</b> <small>(26 24 19 00-0656)</small>		
26 24 19 00-0658	EA		Size 1, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	555.73 77.54	128.77
26 24 19 00-0659	EA		Size 2, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	836.97 105.61	176.27
26 24 19 00-0660	EA		Size 3, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,327.63 137.72	229.30
26 24 19 00-0661	EA		Size 4, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,816.61 193.43	321.57
26 24 19 00-0662	EA		Size 5, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,174.36 245.93	409.71
<b>26 24 19 00-0663</b>			<b>Class I, Type B</b> <small>(26 24 19 00-0656)</small>		
26 24 19 00-0664	EA		Size 1, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	565.06 68.86	114.99
26 24 19 00-0665	EA		Size 2, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	761.17 94.59	157.68
26 24 19 00-0666	EA		Size 3, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,125.05 126.58	210.71
26 24 19 00-0667	EA		Size 4, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,879.48 183.13	304.36
26 24 19 00-0668	EA		Size 5, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,227.76 232.63	386.98
<b>26 24 19 00-0669</b>			<b>Class I, Type C</b> <small>(26 24 19 00-0656)</small>		
26 24 19 00-0670	EA		Size 1, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	597.29 64.48	107.42
26 24 19 00-0671	EA		Size 2, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	803.02 88.28	145.98



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Switchboards And Panelboards	26 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0672 EA Size 3, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,221.59 122.96	203.14
26 24 19 00-0673 EA Size 4, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,975.38 179.32	299.54
26 24 19 00-0674 EA Size 5, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,054.28 229.53	382.85
<b>26 24 19 00-0675 Class II, Type B</b> <small>(26 24 19 00-0656)</small>		
26 24 19 00-0676 EA Size 1, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	713.61 96.71	161.13
26 24 19 00-0677 EA Size 2, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	921.47 120.38	201.07
26 24 19 00-0678 EA Size 3, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,334.40 155.09	258.91
26 24 19 00-0679 EA Size 4, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,168.89 209.93	349.11
26 24 19 00-0680 EA Size 5, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,710.47 260.83	435.87
<b>26 24 19 00-0681 Class II, Type C</b> <small>(26 24 19 00-0656)</small>		
26 24 19 00-0682 EA Size 1, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	740.09 90.60	151.49
26 24 19 00-0683 EA Size 2, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	963.08 114.00	190.05
26 24 19 00-0684 EA Size 3, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,415.01 148.40	247.21
26 24 19 00-0685 EA Size 4, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,255.13 204.94	340.85
26 24 19 00-0686 EA Size 5, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,793.51 253.16	422.11
<b>26 24 19 00-0687 Space Complete With Bus And Hardware</b> <small>(26 24 19 00-0484)</small>		
<b>26 24 19 00-0688 Circuit Breaker Type</b> <small>(26 24 19 00-0687)</small>		
26 24 19 00-0689 EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware.....	171.80	46.83
26 24 19 00-0690 EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware.....	171.80	46.83
26 24 19 00-0691 EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware.....	255.32	68.17
26 24 19 00-0692 EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware.....	303.03	89.52
26 24 19 00-0693 EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware.....	508.72	136.34
<b>26 24 19 00-0694 Fused Disconnect Type</b> <small>(26 24 19 00-0687)</small>		
26 24 19 00-0695 EA Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware.....	171.80	46.83
26 24 19 00-0696 EA Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware.....	227.77	68.17
26 24 19 00-0697 EA Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware.....	316.51	89.52
26 24 19 00-0698 EA Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware.....	546.34	136.34
26 24 19 00-0699 EA Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware.....	761.58	198.31
<b>26 24 19 00-0700 Blank Space For Future Expansion</b> <small>(26 24 19 00-0687)</small>		
Note: Factory modified no labor costs.		
26 24 19 00-0701 EA Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs.....	78.50	
26 24 19 00-0702 EA Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs.....	78.50	
26 24 19 00-0703 EA Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs.....	119.02	
26 24 19 00-0704 EA Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs.....	119.02	
26 24 19 00-0705 EA Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs.....	236.77	
<b>26 24 19 00-0706 Structure Combination Of Starters To 72" High</b> <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707 EA Structure Combination Of Starters To 72" High.....	2,000.96	362.41
<b>26 24 19 00-0708 Motor Control Center Basic Distribution Section</b> <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709 EA 20" Wide Basic Section With Vertical Wireway.....	3,351.54	943.77
<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
<i>For NEMA 12, Add</i>	245.00	
<i>For 2,000 Amp Tin Plated Copper Bus, Add</i>	506.00	
<i>For 20" Cabinet Depth, Add</i>	108.00	
<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
<i>For NEMA 1 With Gasket, Add</i>	97.00	
<i>For 600 Amp Tin Plated Copper Vertical, Add</i>	210.00	
<i>For 1,600 Amp Tin Plated Copper Bus, Add</i>	402.00	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0710	EA		25"-35" Wide Basic Section (No Vertical Wireway).....	3,351.54	943.77
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 2,000 Amp Tin Plated Copper Bus, Add</i>	506.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 1 With Gasket, Add</i>	97.00	
			<i>For 600 Amp Tin Plated Copper Vertical, Add</i>	210.00	
			<i>For 1,600 Amp Tin Plated Copper Bus, Add</i>	402.00	
26 24 19 00-0711	EA		25" Wide Basic Section With 9" Wide Vertical Wireway.....	3,696.51	943.77
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 2,000 Amp Tin Plated Copper Bus, Add</i>	506.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 1 With Gasket, Add</i>	97.00	
			<i>For 600 Amp Tin Plated Copper Vertical, Add</i>	210.00	
			<i>For 1,600 Amp Tin Plated Copper Bus, Add</i>	402.00	
26 24 19 00-0712	EA		Corner Section.....	3,696.51	943.77
			<i>For 800 Amp Tin Plated Copper Bus, Add</i>	182.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 2,000 Amp Tin Plated Copper Bus, Add</i>	506.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>	334.00	
			<i>For NEMA 1 With Gasket, Add</i>	97.00	
			<i>For 600 Amp Tin Plated Copper Vertical, Add</i>	210.00	
			<i>For 1,600 Amp Tin Plated Copper Bus, Add</i>	402.00	
<b>26 24 19 00-0713</b>			<b>Motor Control Center Starters With HMCP Circuit Breaker</b> <small>(26 24 19 00-0494)</small>		
			Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
<b>26 24 19 00-0714</b>			<b>FVNR Starters With HMCP Circuit Breaker</b> <small>(26 24 19 00-0713)</small>		
26 24 19 00-0715	EA		Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker.....	865.32	132.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.52	
26 24 19 00-0716	EA		Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker.....	963.13	147.02
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.20	
26 24 19 00-0717	EA		Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker.....	1,667.57	197.62
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	118.58	
26 24 19 00-0718	EA		Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker.....	2,417.75	260.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.35	
26 24 19 00-0719	EA		Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker.....	5,501.35	325.64
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	195.40	
26 24 19 00-0720	EA		Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker.....	12,850.29	325.64
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	195.40	
26 24 19 00-0721	EA		Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker.....	872.91	114.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.79	
26 24 19 00-0722	EA		Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker.....	984.48	129.11
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.46	
26 24 19 00-0723	EA		Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker.....	1,703.97	176.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.76	
26 24 19 00-0724	EA		Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker.....	2,418.45	238.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.38	
26 24 19 00-0725	EA		Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker.....	5,510.99	308.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	185.10	
26 24 19 00-0726	EA		Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker.....	12,939.01	308.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	185.10	
<b>26 24 19 00-0727</b>			<b>Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker</b> <small>(26 24 19 00-0713)</small>		
26 24 19 00-0728	EA		Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,384.17	165.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.51	
26 24 19 00-0729	EA		Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,697.38	183.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.12	
26 24 19 00-0730	EA		Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,795.17	246.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.98	
26 24 19 00-0731	EA		Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	4,804.83	326.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	195.62	
26 24 19 00-0732	EA		Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	8,670.32	407.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.76	
26 24 19 00-0733	EA		Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,404.85	143.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.93	
26 24 19 00-0734	EA		Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,732.44	161.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.89	
26 24 19 00-0735	EA		Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,844.43	220.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.42	
26 24 19 00-0736	EA		Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	4,816.44	298.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	179.32	
26 24 19 00-0737	EA		Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	8,692.36	385.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	231.59	
<b>26 24 19 00-0738</b>			<b>Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker</b> <small>(26 24 19 00-0713)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0739 EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	1,516.06	165.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	99.51	
26 24 19 00-0740 EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,155.47	183.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	110.12	
26 24 19 00-0741 EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	4,063.95	246.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	147.98	
26 24 19 00-0742 EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	5,533.74	326.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	195.62	
26 24 19 00-0743 EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	11,083.90	407.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	244.76	
26 24 19 00-0744 EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	1,536.74	143.23
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	85.93	
26 24 19 00-0745 EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,190.54	161.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	96.89	
26 24 19 00-0746 EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	4,113.20	220.69
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	132.42	
26 24 19 00-0747 EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	5,545.34	298.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	179.32	
26 24 19 00-0748 EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	11,105.94	385.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.59	
<b>26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect</b> <small>(26 24 19 00-0484)</small>		
Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
<b>26 24 19 00-0750 FVNR Starters With Fusible Disconnect</b> <small>(26 24 19 00-0749)</small>		
26 24 19 00-0751 EA Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect.....	698.99	129.25
26 24 19 00-0752 EA Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect.....	911.41	175.66
26 24 19 00-0753 EA Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect.....	1,517.34	228.89
26 24 19 00-0754 EA Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect.....	2,556.27	322.40
26 24 19 00-0755 EA Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect.....	5,127.26	409.84
26 24 19 00-0756 EA Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect.....	12,973.81	409.84
26 24 19 00-0757 EA Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect.....	712.53	114.58
26 24 19 00-0758 EA Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect.....	931.95	157.34
26 24 19 00-0759 EA Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect.....	1,560.58	210.98
26 24 19 00-0760 EA Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect.....	2,565.92	305.25
26 24 19 00-0761 EA Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect.....	5,126.91	387.74
26 24 19 00-0762 EA Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect.....	13,052.59	387.74
<b>26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect</b> <small>(26 24 19 00-0749)</small>		
26 24 19 00-0764 EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,201.96	161.82
26 24 19 00-0765 EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,674.51	219.59
26 24 19 00-0766 EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,590.71	285.97
26 24 19 00-0767 EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	5,423.45	404.13
26 24 19 00-0768 EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	8,817.03	472.92
26 24 19 00-0769 EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,230.17	143.23
26 24 19 00-0770 EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,707.53	196.52
26 24 19 00-0771 EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,647.96	264.00
26 24 19 00-0772 EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	5,442.91	380.86
26 24 19 00-0773 EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	8,829.06	446.00
<b>26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect</b> <small>(26 24 19 00-0749)</small>		
26 24 19 00-0775 EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,400.68	161.82
26 24 19 00-0776 EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,139.65	219.59
26 24 19 00-0777 EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	3,872.67	285.97
26 24 19 00-0778 EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,690.75	404.13
26 24 19 00-0779 EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	10,739.97	472.92
26 24 19 00-0780 EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,429.47	143.23
26 24 19 00-0781 EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,172.66	196.52
26 24 19 00-0782 EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	3,929.93	264.00
26 24 19 00-0783 EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,710.20	380.86
26 24 19 00-0784 EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	10,752.01	446.00
<b>26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit</b> <small>(26 24 19 00-0484)</small>		
Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786 EA 600 Amp Horizontal Tin Plated Copper Bus Kit.....	150.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 24 19 00-0787 EA 800 Amp Horizontal Tin Plated Copper Bus Kit.....	184.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.18	
26 24 19 00-0788 EA 1,200 Amp Horizontal Tin Plated Copper Bus Kit.....	222.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.21	
26 24 19 00-0789 EA 1,600 Amp Horizontal Tin Plated Copper Bus Kit.....	289.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.21	
26 24 19 00-0790 EA 2,000 Amp Horizontal Tin Plated Copper Bus Kit.....	484.88	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.25	
26 24 19 00-0791 EA 1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit.....	86.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.14	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 19 00-0792	Disconnect Switch For Motor Control Centers <small>(26 24 19 00-0484)</small>		
26 24 19 00-0793	3 Pole Circuit Breaker Disconnect For Motor Control Center <small>(26 24 19 00-0792)</small>		
	Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA 150 Amp Rating, 15 To 100 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	629.67	99.50
26 24 19 00-0795	EA 150 Amp Rating, 125 To 150 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,128.50	110.18
26 24 19 00-0796	EA 225 Amp Rating, 70 To 225 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,370.94	148.39
26 24 19 00-0797	EA 400 Amp Rating, 125 To 400 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	2,295.88	195.56
26 24 19 00-0798	EA 600 Amp Rating, 300 To 600 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,005.49	244.45
26 24 19 00-0799	EA 800 Amp Rating, 400 To 800 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,583.57	244.45
26 24 19 00-0800	EA 1,200 Amp Rating, 600 To 1,200 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	9,525.06	306.07
26 24 19 00-0801	Fusible Disconnect Switch For Motor Control Center <small>(26 24 19 00-0792)</small>		
	Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA 30 Amp Switch Rating, Fusible Disconnect Switch With 30 Amp Fuse Clips.....	483.65	96.75
26 24 19 00-0803	EA 60 Amp Switch Rating, Fusible Disconnect Switch With 60 Amp Fuse Clips.....	571.49	131.87
26 24 19 00-0804	EA 100 Amp Switch Rating, Fusible Disconnect Switch With 100 Amp Fuse Clips.....	782.32	168.70
26 24 19 00-0805	EA 200 Amp Switch Rating, Fusible Disconnect Switch With 200 Amp Fuse Clips.....	1,453.25	241.69
26 24 19 00-0806	EA 400 Amp Switch Rating, Fusible Disconnect Switch With 400 Amp Fuse Clips.....	2,572.93	307.39
26 24 19 00-0807	EA 600 Amp Switch Rating, Fusible Disconnect Switch With 600 Amp Fuse Clips.....	5,878.96	307.39
26 24 19 00-0808	EA 800 Amp Switch Rating, Fusible Disconnect Switch With 800 Amp Fuse Clips.....	7,268.02	384.24
26 24 19 00-0809	EA 1,200 Amp Switch Rating, Fusible Disconnect Switch With 1,200 Amp Fuse Clips.....	10,728.81	384.24
26 24 19 00-0810	Control Circuit Transformer <small>(26 24 19 00-0484)</small>		
26 24 19 00-0811	EA Control Circuit Transformer, Size 1 Factory Installed.....	41.88	
26 24 19 00-0812	EA Control Circuit Transformer, Size 2 Factory Installed.....	41.88	
26 24 19 00-0813	EA Control Circuit Transformer, Size 3 Factory Installed.....	80.66	
26 24 19 00-0814	EA Control Circuit Transformer, Size 4 Factory Installed.....	80.66	
26 24 19 00-0815	EA Control Circuit Transformer, Size 5 Factory Installed.....	112.05	
26 24 19 00-0816	EA Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay.....	31.61	7.80
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.18	
26 24 19 00-0817	Cover Mounted Control Devices <small>(26 24 19 00-0484)</small>		
26 24 19 00-0818	EA Control Device, 2 Unit Push Button Station Cover Mounted.....	70.57	13.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.61	
26 24 19 00-0819	EA Control Device, 2-3 Unit Selector Switch Cover Mounted.....	79.30	13.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.76	
26 24 19 00-0820	EA Control Device, Pilot Light Cover Mounted.....	66.47	13.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45	
26 24 19 00-0821	EA Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light.....	180.93	46.83
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.22	
26 24 19 00-0822	EA Auxiliary Contact Add Per Starter.....	215.96	17.84
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.70	
26 24 19 00-0823	Extra Interlocks <small>(26 24 19 00-0484)</small>		
	Note: Per contact.		
26 24 19 00-0824	EA Extra Interlocks, Class I, Type A Per Contact.....	46.01	8.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45	
26 24 19 00-0825	EA Extra Interlocks, Class I, Type B Per Contact.....	63.51	8.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45	
26 24 19 00-0826	EA Extra Interlocks, Class I, Type C Per Contact.....	70.45	8.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.38	
26 24 19 00-0827	EA Extra Interlocks, Class II, Type B Per Contact.....	63.37	8.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.31	
26 24 19 00-0828	EA Extra Interlocks, Class II, Type C Per Contact.....	66.86	8.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.25	
26 24 19 00-0829	Special Cabinet Provisions <small>(26 24 19 00-0484)</small>		
26 24 19 00-0830	EA Provisions For Bus Duct Entrance Special Cabinet Provisions.....	524.27	
26 24 19 00-0831	Nameplate Requirements <small>(26 24 19 00-0484)</small>		
26 24 19 00-0832	EA Special Cabinet Nameplate Requirements.....	18.61	
26 24 19 00-0833	Auxiliary Relays <small>(26 24 19 00-0484)</small>		
26 24 19 00-0834	EA Industrial Control Relay, 10 Amp Class A600 With 2 Contacts.....	103.44	17.25
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.35	
26 24 19 00-0835	EA Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay.....	97.84	15.52
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.35	
26 24 19 00-0836	EA General Purpose Control Relay, 240 Volt AC, 10 Amp, With Base.....	56.04	15.52
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.35	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0837				<b>Motor Control Center Accessories</b> (26 24 19 00-0837)		
26 24 19 00-0838				<b>Lighting Transformer With Circuit Breaker</b> (26 24 19 00-0837) Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA			1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	3,051.88	222.05
26 24 19 00-0840	EA			1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	3,173.06	230.93
26 24 19 00-0841	EA			1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	3,471.41	248.69
26 24 19 00-0842	EA			1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	4,360.40	266.45
26 24 19 00-0843	EA			1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,857.26	284.23
26 24 19 00-0844	EA			1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,192.90	319.75
26 24 19 00-0845	EA			1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,446.27	355.28
26 24 19 00-0846	EA			3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,523.88	293.10
26 24 19 00-0847	EA			3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	6,001.51	319.75
26 24 19 00-0848	EA			3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	6,863.26	355.28
26 24 19 00-0849	EA			3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,282.23	390.80
26 24 19 00-0850	EA			3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	8,782.67	426.33
26 24 19 00-0851	EA			3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,063.77	461.87
26 24 19 00-0852				<b>Bolt-On Lighting Panel</b> (26 24 19 00-0837) Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA			18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	1,285.42	358.35
26 24 19 00-0854	EA			30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	2,003.60	623.72
26 24 19 00-0855	EA			42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	2,662.54	843.86
26 24 19 00-0856	EA			18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	1,344.18	387.74
26 24 19 00-0857	EA			30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	1,977.06	610.43
26 24 19 00-0858	EA			42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	2,768.01	896.61
26 24 19 00-0859	EA			18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	2,171.21	415.63
26 24 19 00-0860	EA			30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	2,889.88	667.24
26 24 19 00-0861	EA			42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	3,610.35	896.61
26 24 19 00-0862	EA			18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	2,236.58	448.27
26 24 19 00-0863	EA			30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	2,889.88	667.24
26 24 19 00-0864	EA			42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	3,668.20	925.53
26 24 19 00-0865				<b>Factory Installed Bolt-On Branch Circuit Breaker</b> (26 24 19 00-0837) Note: For MCC lighting panel only.		
26 24 19 00-0866	EA			15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker.....	17.27	
26 24 19 00-0867	EA			15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker.....	161.57	
26 24 19 00-0868	EA			15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker.....	33.76	
26 24 19 00-0869	EA			60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker.....	77.73	
26 24 19 00-0870	EA			15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker.....	91.08	
26 24 19 00-0871	EA			60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker.....	138.18	
26 24 19 00-0872				<b>Blank Unit Door (BUD)</b> (26 24 19 00-0837) Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA			6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	43.09	
26 24 19 00-0874	EA			12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	51.70	
26 24 19 00-0875	EA			18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	77.55	
26 24 19 00-0876	EA			24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	103.41	
26 24 19 00-0877	EA			30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	155.11	
26 24 19 00-0878	EA			48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	180.96	
26 24 19 00-0879	EA			72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	206.81	
26 25				<b>Enclosed Bus Assemblies</b> (26 25)		
26 25 00 00-0001				<b>Bus Ducts</b> (26 25)		
26 25 00 00-0002				<b>Plug-In Bus Duct</b> (26 25 00 00-0001) Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 00 00-0003				<b>600 Volt, 3-Phase, 3-Wire, Copper Conductors</b> (26 25 00 00-0002)		
26 25 00 00-0004	LF			225 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	225.96	20.66
				For Up To 25, Add	56.49	
				For >25 To 50, Add	33.89	
				For >50 To 100, Add	16.95	
26 25 00 00-0005	LF			400 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	324.85	20.66
				For Up To 25, Add	81.21	
				For >25 To 50, Add	48.73	
				For >50 To 100, Add	24.36	
26 25 00 00-0006	LF			600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	413.60	27.54
				For Up To 25, Add	103.40	
				For >25 To 50, Add	62.04	
				For >50 To 100, Add	31.02	
26 25 00 00-0007	LF			800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	577.10	27.54
				For Up To 25, Add	144.28	
				For >25 To 50, Add	86.57	
				For >50 To 100, Add	43.28	

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 25</b>	<b>Enclosed Bus Assemblies</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0008	LF		1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	608.42	34.43
			<i>For Up To 25, Add</i>	152.11	
			<i>For &gt;25 To 50, Add</i>	91.26	
			<i>For &gt;50 To 100, Add</i>	45.63	
26 25 00 00-0009	LF		1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	854.79	34.43
			<i>For Up To 25, Add</i>	213.70	
			<i>For &gt;25 To 50, Add</i>	128.22	
			<i>For &gt;50 To 100, Add</i>	64.11	
26 25 00 00-0010	LF		1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,003.92	36.15
			<i>For Up To 25, Add</i>	250.98	
			<i>For &gt;25 To 50, Add</i>	150.59	
			<i>For &gt;50 To 100, Add</i>	75.29	
26 25 00 00-0011	LF		2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,227.67	37.18
			<i>For Up To 25, Add</i>	306.92	
			<i>For &gt;25 To 50, Add</i>	184.15	
			<i>For &gt;50 To 100, Add</i>	92.08	
26 25 00 00-0012	LF		2,500 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,520.27	39.25
			<i>For Up To 25, Add</i>	380.07	
			<i>For &gt;25 To 50, Add</i>	228.04	
			<i>For &gt;50 To 100, Add</i>	114.02	
26 25 00 00-0013	LF		3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,755.03	45.79
			<i>For Up To 25, Add</i>	438.76	
			<i>For &gt;25 To 50, Add</i>	263.25	
			<i>For &gt;50 To 100, Add</i>	131.63	
26 25 00 00-0014	LF		4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,033.40	49.92
			<i>For Up To 25, Add</i>	508.35	
			<i>For &gt;25 To 50, Add</i>	305.01	
			<i>For &gt;50 To 100, Add</i>	152.51	
<b>26 25 00 00-0015</b>			<b>277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors</b> <small>(26 25 00 00-0002)</small>		
26 25 00 00-0016	LF		225 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	381.40	20.66
			<i>For Up To 25, Add</i>	95.35	
			<i>For &gt;25 To 50, Add</i>	57.21	
			<i>For &gt;50 To 100, Add</i>	28.61	
26 25 00 00-0017	LF		400 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	555.30	20.66
			<i>For Up To 25, Add</i>	138.83	
			<i>For &gt;25 To 50, Add</i>	83.30	
			<i>For &gt;50 To 100, Add</i>	41.65	
26 25 00 00-0018	LF		600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	627.89	27.54
			<i>For Up To 25, Add</i>	156.97	
			<i>For &gt;25 To 50, Add</i>	94.18	
			<i>For &gt;50 To 100, Add</i>	47.09	
26 25 00 00-0019	LF		800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	801.57	27.54
			<i>For Up To 25, Add</i>	200.39	
			<i>For &gt;25 To 50, Add</i>	120.24	
			<i>For &gt;50 To 100, Add</i>	60.12	
26 25 00 00-0020	LF		1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	980.59	34.43
			<i>For Up To 25, Add</i>	245.15	
			<i>For &gt;25 To 50, Add</i>	147.09	
			<i>For &gt;50 To 100, Add</i>	73.54	
26 25 00 00-0021	LF		1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,276.21	34.43
			<i>For Up To 25, Add</i>	319.05	
			<i>For &gt;25 To 50, Add</i>	191.43	
			<i>For &gt;50 To 100, Add</i>	95.72	
26 25 00 00-0022	LF		1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,654.00	35.67
			<i>For Up To 25, Add</i>	413.50	
			<i>For &gt;25 To 50, Add</i>	248.10	
			<i>For &gt;50 To 100, Add</i>	124.05	
26 25 00 00-0023	LF		2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,996.50	37.18
			<i>For Up To 25, Add</i>	499.13	
			<i>For &gt;25 To 50, Add</i>	299.48	
			<i>For &gt;50 To 100, Add</i>	149.74	
26 25 00 00-0024	LF		2,500 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	2,481.39	38.90
			<i>For Up To 25, Add</i>	620.35	
			<i>For &gt;25 To 50, Add</i>	372.21	
			<i>For &gt;50 To 100, Add</i>	186.10	
26 25 00 00-0025	LF		3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	2,864.05	45.79
			<i>For Up To 25, Add</i>	716.01	
			<i>For &gt;25 To 50, Add</i>	429.61	
			<i>For &gt;50 To 100, Add</i>	214.80	
26 25 00 00-0026	LF		4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	3,322.43	49.92
			<i>For Up To 25, Add</i>	830.61	
			<i>For &gt;25 To 50, Add</i>	498.36	
			<i>For &gt;50 To 100, Add</i>	249.18	
<b>26 25 00 00-0027</b>			<b>Cable Tap Boxes</b> <small>(26 25 00 00-0002)</small>		
<b>26 25 00 00-0028</b>			<b>600 Volt, 3-Phase, 3-Wire, Copper Conductors</b> <small>(26 25 00 00-0027)</small>		
26 25 00 00-0029	EA		225 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	1,923.27	96.40
26 25 00 00-0030	EA		400 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	1,973.99	96.40
26 25 00 00-0031	EA		600 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,125.58	130.83
26 25 00 00-0032	EA		800 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,252.63	130.83
26 25 00 00-0033	EA		1,000 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,409.06	172.14



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Enclosed Bus Assemblies</b>	<b>26 25</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0034 EA 1,350 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,636.86	172.14
<b>26 25 00 00-0035 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors (26 25 00 00-0027)</b>		
26 25 00 00-0036 EA 225 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	1,973.99	189.36
26 25 00 00-0037 EA 400 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,133.48	189.36
26 25 00 00-0038 EA 600 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,267.73	258.22
26 25 00 00-0039 EA 800 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,546.23	258.22
26 25 00 00-0040 EA 1,000 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,665.93	344.30
26 25 00 00-0041 EA 1,350 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	3,037.28	344.30
<b>26 25 00 00-0042 Bus Duct Plug-In Circuit Breaker (26 25 00 00-0002)</b>		
<b>26 25 00 00-0043 240 Volt, 3-Phase (26 25 00 00-0042)</b>		
26 25 00 00-0044 EA 60 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker .....	846.33	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.67	
26 25 00 00-0045 EA 100 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker .....	1,723.68	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.35	
<b>26 25 00 00-0046 600 Volt, 3-Phase (26 25 00 00-0042)</b>		
26 25 00 00-0047 EA 60 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker .....	1,688.06	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.67	
26 25 00 00-0048 EA 100 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker .....	2,187.08	68.86
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.35	
<b>26 25 00 00-0049 120/208 Volt, 3-Phase, 4-Wire (26 25 00 00-0042)</b>		
26 25 00 00-0050 EA 60 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	975.11	82.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.04	
26 25 00 00-0051 EA 100 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	1,161.33	82.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.80	
<b>26 25 00 00-0052 277/480 Volt, 3-Phase, 4-Wire (26 25 00 00-0042)</b>		
26 25 00 00-0053 EA 60 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	1,125.47	82.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.04	
26 25 00 00-0054 EA 100 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	1,750.08	82.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.80	
26 25 00 00-0055 EA 225 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	2,488.62	285.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.85	
26 25 00 00-0056 EA 400 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	5,979.66	285.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	268.98	
26 25 00 00-0057 EA 600 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	6,570.02	826.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	374.23	
26 25 00 00-0058 EA 800 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker .....	7,928.77	826.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	662.10	
<b>26 25 00 00-0059 Bus Duct Plug-In Fusible Switch (26 25 00 00-0002)</b>		
<b>26 25 00 00-0060 240 Volt, 3-Pole, 3-Fuse (26 25 00 00-0059)</b>		
26 25 00 00-0061 EA 30 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	844.26	68.86
26 25 00 00-0062 EA 60 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	921.17	68.86
26 25 00 00-0063 EA 100 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	1,281.64	82.63
26 25 00 00-0064 EA 200 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	2,155.77	165.27
26 25 00 00-0065 EA 400 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	5,499.83	371.84
26 25 00 00-0066 EA 600 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	8,125.60	647.27
<b>26 25 00 00-0067 600 Volt, 3-Pole, 3-Fuse (26 25 00 00-0059)</b>		
26 25 00 00-0068 EA 30 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	885.33	75.74
26 25 00 00-0069 EA 60 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	959.92	75.74
26 25 00 00-0070 EA 100 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	1,298.12	75.74
26 25 00 00-0071 EA 200 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	2,219.14	158.38
26 25 00 00-0072 EA 400 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	5,481.44	358.06
26 25 00 00-0073 EA 600 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	8,256.01	688.58
26 25 00 00-0074 EA 800 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	13,755.22	895.16
<b>26 25 00 00-0075 120/208 Volt, 4-pole, 3 Fuse (26 25 00 00-0059)</b>		
26 25 00 00-0076 EA 30 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	979.68	89.52
26 25 00 00-0077 EA 60 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,043.06	89.52
26 25 00 00-0078 EA 100 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,411.40	89.52
26 25 00 00-0079 EA 200 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	2,395.31	185.92
26 25 00 00-0080 EA 400 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	6,017.99	413.15
26 25 00 00-0081 EA 600 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	8,736.29	633.50
<b>26 25 00 00-0082 277/480 Volt, 4-pole, 3-Fuse (26 25 00 00-0059)</b>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 25 Enclosed Bus Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0083	EA		30 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,014.25	89.52
26 25 00 00-0084	EA		60 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,077.64	75.95
26 25 00 00-0085	EA		100 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,511.33	103.29
26 25 00 00-0086	EA		200 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	2,501.60	185.92
26 25 00 00-0087	EA		400 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	6,017.99	413.15
26 25 00 00-0088	EA		600 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	8,736.29	633.50
26 25 00 00-0089	EA		800 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	13,992.04	840.07
26 25 00 00-0090			<b>Feeder Bus Duct</b> <small>(26 25 00 00-0091)</small> Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 00 00-0091			<b>600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance</b> <small>(26 25 00 00-0090)</small> Note: Copper conductors.		
26 25 00 00-0092	LF		800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	702.50	28.92
			For Up To 25, Add	175.63	
			For >25 To 50, Add	105.38	
			For >50 To 100, Add	52.69	
26 25 00 00-0093	LF		1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	710.54	28.92
			For Up To 25, Add	177.64	
			For >25 To 50, Add	106.58	
			For >50 To 100, Add	53.29	
26 25 00 00-0094	LF		1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	935.00	28.92
			For Up To 25, Add	233.75	
			For >25 To 50, Add	140.25	
			For >50 To 100, Add	70.13	
26 25 00 00-0095	LF		1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,126.15	28.92
			For Up To 25, Add	281.54	
			For >25 To 50, Add	168.92	
			For >50 To 100, Add	84.46	
26 25 00 00-0096	LF		2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,378.59	28.92
			For Up To 25, Add	344.65	
			For >25 To 50, Add	206.79	
			For >50 To 100, Add	103.39	
26 25 00 00-0097	LF		3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,880.04	68.86
			For Up To 25, Add	470.01	
			For >25 To 50, Add	282.01	
			For >50 To 100, Add	141.00	
26 25 00 00-0098	LF		4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	2,605.23	68.86
			For Up To 25, Add	651.31	
			For >25 To 50, Add	390.78	
			For >50 To 100, Add	195.39	
26 25 00 00-0099	LF		5,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	3,082.07	68.86
			For Up To 25, Add	770.52	
			For >25 To 50, Add	462.31	
			For >50 To 100, Add	231.16	
26 25 00 00-0100	LF		6,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports.....	3,801.27	68.86
			For Up To 25, Add	950.32	
			For >25 To 50, Add	570.19	
			For >50 To 100, Add	285.10	
26 25 00 00-0101			<b>277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated</b> <small>(26 25 00 00-0090)</small> Note: Low impedance, copper conductors.		
26 25 00 00-0102	LF		800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	808.56	30.98
			For Up To 25, Add	202.14	
			For >25 To 50, Add	121.28	
			For >50 To 100, Add	60.64	
26 25 00 00-0103	LF		1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	818.71	30.98
			For Up To 25, Add	204.68	
			For >25 To 50, Add	122.81	
			For >50 To 100, Add	61.40	
26 25 00 00-0104	LF		1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	1,058.05	30.98
			For Up To 25, Add	264.51	
			For >25 To 50, Add	158.71	
			For >50 To 100, Add	79.35	
26 25 00 00-0105	LF		1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	1,254.60	30.98
			For Up To 25, Add	313.65	
			For >25 To 50, Add	188.19	
			For >50 To 100, Add	94.10	
26 25 00 00-0106	LF		2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	1,517.24	30.98
			For Up To 25, Add	379.31	
			For >25 To 50, Add	227.59	
			For >50 To 100, Add	113.79	
26 25 00 00-0107	LF		3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	2,337.20	53.02
			For Up To 25, Add	584.30	
			For >25 To 50, Add	350.58	
			For >50 To 100, Add	175.29	
26 25 00 00-0108	LF		4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports.....	2,932.25	53.02
			For Up To 25, Add	733.06	
			For >25 To 50, Add	439.84	
			For >50 To 100, Add	219.92	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Enclosed Bus Assemblies</b>	<b>26 25</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0109 LF 5,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports .....	3,468.46	98.47
For Up To 25, Add	867.12	
For >25 To 50, Add	520.27	
For >50 To 100, Add	260.13	
26 25 00 00-0110 LF 6,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports .....	4,284.35	98.47
For Up To 25, Add	1,071.09	
For >25 To 50, Add	642.65	
For >50 To 100, Add	321.33	

## 26 26 Power Distribution Units (26 20)

Note: Includes wiring connections and testing.

26 26 00 00-0001	Liebert Precision Power Center <small>(26 26)</small>		
	Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 26 00 00-0002 EA	PDU 15 KVA 480-208/120 (Liebert PPA01C) .....	11,036.67	211.74
26 26 00 00-0003 EA	PDU 15 KVA 208-208/120 (Liebert PPC015C) .....	10,664.13	211.74
26 26 00 00-0004 EA	PDU 30 KVA 480-208/120 (Liebert PPA030C) .....	12,438.24	229.51
26 26 00 00-0005 EA	PDU 30 KVA 208-208/120 (Liebert PPC030C) .....	12,872.87	229.51
26 26 00 00-0006 EA	PDU 50 KVA 480-208/120 (Liebert PPA050C) .....	14,061.65	254.78
26 26 00 00-0007 EA	PDU 50 KVA 208-208/120 (Liebert PPC050C) .....	14,669.72	254.78
26 26 00 00-0008 EA	PDU 75 KVA 480-208/120 (Liebert PPA075C) .....	15,510.34	275.43
26 26 00 00-0009 EA	PDU 75 KVA 208-208/120 (Liebert PPC075C) .....	16,876.31	275.43
26 26 00 00-0010 EA	PDU 100 KVA 480-208/120 (Liebert PPA100C) .....	16,869.14	344.30
26 26 00 00-0011 EA	PDU 100 KVA 208-208/120 (Liebert PPC100C) .....	18,421.39	344.30
26 26 00 00-0012 EA	PDU 125 KVA 480-208/120 (Liebert PPA125C) .....	18,931.65	413.15
26 26 00 00-0013 EA	PDU 125 KVA 208-208/120 (Liebert PPC125C) .....	20,670.16	413.15
26 26 00 00-0014 EA	PDU 150 KVA 480-208/120 (Liebert PPA150C) .....	22,918.92	482.01
26 26 00 00-0015 EA	PDU 150 KVA 208-208/120 (Liebert PPC150C) .....	23,850.27	482.01
26 26 00 00-0016 EA	PDU 200 KVA 480-208/120 (Liebert PPA200C) .....	25,222.62	550.87
26 26 00 00-0017 EA	PDU 225 KVA 480-208/120 (Liebert PPA225C) .....	26,505.81	619.73
26 26 00 00-0018 EA	Ex Panelboard 10-30 KVA .....	953.16	68.86
26 26 00 00-0019 EA	Ex Panelboard 50-125 KVA .....	1,422.21	86.07
26 26 00 00-0020 EA	Ex Panelboard 150-220 KVA .....	3,195.16	103.29
26 26 00 00-0021 EA	Remove And Reinstall, Power Distribution Unit .....	1,101.74	
	Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.		
26 26 00 00-0022 EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only .....	826.31	

## 26 27 Low-Voltage Distribution Equipment (26 20)

### 26 27 13 Electricity Metering (26 27)

26 27 13 00-0001	Revenue Metering <small>(26 27 13)</small>		
26 27 13 00-0002	Meter Socket Base <small>(26 27 13 00-0001)</small>		
	Note: NEMA 3R.		
26 27 13 00-0003 EA	100 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass .....	151.15	44.76
26 27 13 00-0004 EA	100 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass .....	159.93	44.76
26 27 13 00-0005 EA	200 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass .....	206.74	55.09
26 27 13 00-0006 EA	200 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass .....	209.24	55.09
26 27 13 00-0007 EA	200 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release .....	398.09	61.98
26 27 13 00-0008 EA	320 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release .....	527.45	68.86
26 27 13 00-0009 EA	400 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release .....	1,289.68	75.74
26 27 13 00-0010 EA	Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base .....	1,517.90	344.30
26 27 13 00-0011	Meter Device <small>(26 27 13 00-0001)</small>		
	Note: Direct read, with 15 minute demand.		
26 27 13 00-0012 EA	100 To 200 Amp, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter .....	146.41	13.77
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.47	
26 27 13 00-0013 EA	200 Amp, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter .....	408.74	13.79
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.62	
26 27 13 00-0014	Current Transformer Enclosure <small>(26 27 13 00-0001)</small>		
26 27 13 00-0015 EA	Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R .....	314.34	89.52
26 27 13 00-0016	120/240 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0017	800 Amp Bus, 4 Jaw Sockets, 125 Amp Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0018 EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	568.96	43.04
26 27 13 00-0019 EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	748.09	51.64
26 27 13 00-0020 EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	926.26	60.25
26 27 13 00-0021 EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	1,073.20	68.86
26 27 13 00-0022 EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	1,395.30	77.47
26 27 13 00-0023 EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	1,507.18	86.07
26 27 13 00-0024 EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max .....	1,759.40	103.29

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 27</b>	<b>Low-Voltage Distribution Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 13 00-0025</b> <b>1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max., 2 Pole</b> <small>(26 27 13 00-0016)</small>		
26 27 13 00-0026 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max .....	1,042.39	43.04
26 27 13 00-0027 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max .....	1,372.05	51.64
26 27 13 00-0028 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max .....	1,889.38	68.86
26 27 13 00-0029 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max .....	2,095.96	77.47
26 27 13 00-0030 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max .....	2,633.92	86.07
<b>26 27 13 00-0031</b> <b>800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole</b> <small>(26 27 13 00-0016)</small>		
26 27 13 00-0032 EA 3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	870.40	60.25
26 27 13 00-0033 EA 4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,141.37	68.86
26 27 13 00-0034 EA 5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,395.30	77.47
26 27 13 00-0035 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,639.74	86.07
26 27 13 00-0036 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,064.10	94.69
26 27 13 00-0037 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,166.54	103.29
26 27 13 00-0038 EA 10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,683.84	120.50
<b>26 27 13 00-0039</b> <b>1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole</b> <small>(26 27 13 00-0016)</small>		
26 27 13 00-0040 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,341.92	60.25
26 27 13 00-0041 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,756.81	68.86
26 27 13 00-0042 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,472.96	86.07
26 27 13 00-0043 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,651.14	94.69
26 27 13 00-0044 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	3,387.93	103.29
<b>26 27 13 00-0045</b> <b>120/208 Volt Meter Center And Main Breaker, Indoor Housing</b> <small>(26 27 13 00-0001)</small>		
<b>26 27 13 00-0046</b> <b>800 Amp Bus, 5 Jaw Sockets, 125 A Max., 2 Pole</b> <small>(26 27 13 00-0045)</small>		
26 27 13 00-0047 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	620.26	51.64
26 27 13 00-0048 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	809.80	60.25
26 27 13 00-0049 EA 5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	998.40	68.86
26 27 13 00-0050 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	1,158.59	77.47
26 27 13 00-0051 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	1,421.97	86.07
26 27 13 00-0052 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	1,533.87	94.69
26 27 13 00-0053 EA 10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max .....	1,890.23	111.89
<b>26 27 13 00-0054</b> <b>1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole</b> <small>(26 27 13 00-0045)</small>		
26 27 13 00-0055 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,097.47	51.64
26 27 13 00-0056 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,446.07	60.25
26 27 13 00-0057 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	2,086.49	77.47
26 27 13 00-0058 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	2,293.06	86.07
26 27 13 00-0059 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	2,774.25	94.69
<b>26 27 13 00-0060</b> <b>800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole</b> <small>(26 27 13 00-0045)</small>		
26 27 13 00-0061 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	921.71	68.86
26 27 13 00-0062 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,196.47	77.47
26 27 13 00-0063 EA 5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,478.80	86.07
26 27 13 00-0064 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,723.26	94.69
26 27 13 00-0065 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,166.56	103.29
26 27 13 00-0066 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,268.97	111.89
26 27 13 00-0067 EA 10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,824.18	129.11
<b>26 27 13 00-0068</b> <b>1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole</b> <small>(26 27 13 00-0045)</small>		
26 27 13 00-0069 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,406.49	68.86
26 27 13 00-0070 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,849.79	77.47
26 27 13 00-0071 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,651.16	94.69
26 27 13 00-0072 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,772.52	103.29
26 27 13 00-0073 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	3,518.80	111.89
<b>26 27 13 00-0074</b> <b>120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing</b> <small>(26 27 13 00-0001)</small>		
<b>26 27 13 00-0075</b> <b>800 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole</b> <small>(26 27 13 00-0074)</small>		
26 27 13 00-0076 EA 3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	568.96	43.04
26 27 13 00-0077 EA 4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	748.09	51.64
26 27 13 00-0078 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,073.20	68.86
26 27 13 00-0079 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,395.30	77.47
26 27 13 00-0080 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,724.95	86.07
<b>26 27 13 00-0081</b> <b>1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole</b> <small>(26 27 13 00-0074)</small>		
26 27 13 00-0082 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,042.38	43.04
26 27 13 00-0083 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,372.05	51.64
26 27 13 00-0084 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	1,984.05	68.86
26 27 13 00-0085 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	2,190.64	77.47



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0086 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC .....	2,633.92	86.07
<b>26 27 13 00-0087 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole (26 27 13 00-0074)</b>		
26 27 13 00-0088 EA 3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	870.40	60.25
26 27 13 00-0089 EA 4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,141.37	68.86
26 27 13 00-0090 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,639.74	86.07
26 27 13 00-0091 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,064.10	94.69
26 27 13 00-0092 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,166.54	103.29
<b>26 27 13 00-0093 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole (26 27 13 00-0074)</b>		
26 27 13 00-0094 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,341.92	60.25
26 27 13 00-0095 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	1,756.81	68.86
26 27 13 00-0096 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,472.96	86.07
26 27 13 00-0097 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	2,651.14	94.69
26 27 13 00-0098 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC .....	3,387.96	103.29
<b>26 27 13 00-0099 120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing (26 27 13 00-0001)</b>		
<b>26 27 13 00-0100 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole (26 27 13 00-0099)</b>		
26 27 13 00-0101 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	620.26	51.64
26 27 13 00-0102 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	809.80	60.25
26 27 13 00-0103 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,158.59	77.47
26 27 13 00-0104 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,516.65	86.07
26 27 13 00-0105 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,723.24	94.69
<b>26 27 13 00-0106 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole (26 27 13 00-0099)</b>		
26 27 13 00-0107 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,097.47	51.64
26 27 13 00-0108 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,446.07	60.25
26 27 13 00-0109 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	1,991.80	77.47
26 27 13 00-0110 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	2,198.37	86.07
26 27 13 00-0111 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC .....	2,774.23	94.69
<b>26 27 13 00-0112 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole (26 27 13 00-0099)</b>		
26 27 13 00-0113 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	921.70	68.86
26 27 13 00-0114 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,196.46	77.47
26 27 13 00-0115 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,723.24	94.69
26 27 13 00-0116 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,166.54	103.29
26 27 13 00-0117 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,268.97	111.89
<b>26 27 13 00-0118 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole (26 27 13 00-0099)</b>		
26 27 13 00-0119 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,406.48	68.86
26 27 13 00-0120 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	1,849.78	77.47
26 27 13 00-0121 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,651.14	94.69
26 27 13 00-0122 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	2,772.52	103.29
26 27 13 00-0123 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC .....	3,518.80	111.89
<b>26 27 13 00-0124 Watt/Hour Meters (26 27 13)</b>		
26 27 13 00-0125 EA Single Phase M-90 Meter, Socket, NEMA 3R Enclosure.....	609.05	41.31
26 27 13 00-0126 EA Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure.....	1,842.50	82.63
26 27 13 00-0127 EA Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure .....	982.18	61.98
26 27 13 00-0128 EA Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure .....	1,198.42	61.98
26 27 13 00-0129 EA Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure.....	1,013.95	61.98
26 27 13 00-0130 EA C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure .....	684.99	57.15
26 27 13 00-0131 EA P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure.....	1,171.74	103.29
<b>26 27 13 00-0132 Watt/Hour Meter Systems (26 27 13)</b>		
Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
<b>26 27 13 00-0133 Watt/Hour Meter System Without Main Breaker (26 27 13 00-0132)</b>		
26 27 13 00-0134 EA 400 Amp System; 200 Amp M-90 Meter And Enclosure.....	3,021.51	413.22
26 27 13 00-0135 EA 600-800 Amp System; 200 Amp M-90 Meter And Enclosure.....	3,531.83	413.22
<b>26 27 13 00-0136 Watt/Hour Meter System With Main Breaker (26 27 13 00-0132)</b>		
26 27 13 00-0137 EA 400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure .....	5,262.09	413.22
26 27 13 00-0138 EA 600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure .....	6,374.89	413.22
26 27 13 00-0139 EA 800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure .....	6,846.82	413.22
<b>26 27 16 Electrical Cabinets And Enclosures (26 27)</b>		
Note: Can be used as enclosure or pull/function boxes.		

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0001			<b>NEMA 1 Enclosures</b> <small>(26 27 16)</small>		
26 27 16 00-0002			<b>Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0001)</small>		
26 27 16 00-0003			<b>4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0002)</small>		
26 27 16 00-0004	EA		6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	45.67	13.77
26 27 16 00-0005	EA		6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	51.38	15.15
26 27 16 00-0006	EA		8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	57.16	16.52
26 27 16 00-0007	EA		8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	66.74	19.28
26 27 16 00-0008	EA		10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	72.89	20.66
26 27 16 00-0009	EA		10" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	79.56	22.04
26 27 16 00-0010	EA		12" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	79.30	22.04
26 27 16 00-0011	EA		12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	86.13	23.41
26 27 16 00-0012	EA		12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	93.36	24.79
26 27 16 00-0013	EA		16" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	120.55	33.05
26 27 16 00-0014	EA		16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	146.32	39.94
26 27 16 00-0015	EA		18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	138.65	38.56
26 27 16 00-0016			<b>6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0002)</small>		
26 27 16 00-0017	EA		6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	57.66	16.52
26 27 16 00-0018	EA		8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	70.46	19.28
26 27 16 00-0019	EA		10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	83.89	23.41
26 27 16 00-0020	EA		10" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	90.92	24.79
26 27 16 00-0021	EA		12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	98.11	26.17
26 27 16 00-0022	EA		12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	105.66	27.54
26 27 16 00-0023	EA		16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	133.70	35.81
26 27 16 00-0024	EA		16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	161.72	44.07
26 27 16 00-0025	EA		18" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	155.84	42.70
26 27 16 00-0026	EA		18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	203.25	55.09
26 27 16 00-0027	EA		24" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	265.05	63.35
26 27 16 00-0028	EA		24" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	304.87	68.86
26 27 16 00-0029	EA		30" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	341.48	72.99
26 27 16 00-0030	EA		36" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure.....	374.65	75.74
26 27 16 00-0031			<b>Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0001)</small>		
26 27 16 00-0032			<b>3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0033	EA		4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	33.23	9.64
26 27 16 00-0034	EA		6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	47.51	13.77
26 27 16 00-0035	EA		8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	53.27	15.15
26 27 16 00-0036			<b>4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0037	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	36.84	11.02
26 27 16 00-0038	EA		6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	45.53	13.77
26 27 16 00-0039	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	51.16	15.15
26 27 16 00-0040	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	56.92	16.52
26 27 16 00-0041	EA		8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	66.42	19.28
26 27 16 00-0042	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	72.54	20.66
26 27 16 00-0043	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	79.07	22.04
26 27 16 00-0044	EA		12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	78.76	22.04
26 27 16 00-0045	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	85.64	23.41
26 27 16 00-0046	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	92.79	24.79
26 27 16 00-0047	EA		16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	120.55	33.05
26 27 16 00-0048	EA		16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	148.91	41.31
26 27 16 00-0049	EA		18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	137.87	38.56
26 27 16 00-0050	EA		18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	179.07	49.57
26 27 16 00-0051	EA		24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	271.16	61.98
26 27 16 00-0052			<b>6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0053	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	57.36	16.52
26 27 16 00-0054	EA		8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	63.71	17.91
26 27 16 00-0055	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	73.40	20.66
26 27 16 00-0056	EA		10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	83.39	23.41
26 27 16 00-0057	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	90.40	24.79
26 27 16 00-0058	EA		12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	97.51	26.17
26 27 16 00-0059	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	104.97	27.54
26 27 16 00-0060	EA		16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	133.70	35.81
26 27 16 00-0061	EA		16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	164.17	44.07
26 27 16 00-0062	EA		18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	154.96	42.70
26 27 16 00-0063	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	202.05	55.09
26 27 16 00-0064	EA		24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	259.50	63.35
26 27 16 00-0065	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	302.32	68.86
26 27 16 00-0066	EA		30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	328.19	72.99
26 27 16 00-0067	EA		36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	364.37	75.74





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 16 00-0068</b> <b>8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0069 EA 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	83.39	23.41
26 27 16 00-0070 EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	115.91	30.30
26 27 16 00-0071 EA 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	147.29	38.56
26 27 16 00-0072 EA 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	182.37	48.20
26 27 16 00-0073 EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	173.31	46.83
26 27 16 00-0074 EA 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	214.91	57.85
26 27 16 00-0075 EA 24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	237.58	66.11
26 27 16 00-0076 EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	284.01	70.24
26 27 16 00-0077 EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	333.62	75.74
26 27 16 00-0078 EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	355.93	79.88
26 27 16 00-0079 EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	375.63	82.63
26 27 16 00-0080 EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	388.45	82.63
<b>26 27 16 00-0081</b> <b>10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0082 EA 18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	197.75	52.33
26 27 16 00-0083 EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	262.09	67.48
26 27 16 00-0084 EA 24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	260.95	71.61
26 27 16 00-0085 EA 24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	359.26	77.12
26 27 16 00-0086 EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	417.89	85.38
26 27 16 00-0087 EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	472.44	88.14
26 27 16 00-0088 EA 36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	506.29	92.27
<b>26 27 16 00-0089</b> <b>12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0031)</small>		
26 27 16 00-0090 EA 18" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	289.53	74.37
26 27 16 00-0091 EA 24" x 12" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	282.55	78.50
26 27 16 00-0092 EA 24" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	394.24	85.38
26 27 16 00-0093 EA 24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	455.56	93.65
26 27 16 00-0094 EA 30" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	520.79	97.78
26 27 16 00-0095 EA 36" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	550.90	101.91
<b>26 27 16 00-0096</b> <b>NEMA 12 Enclosures</b> <small>(26 27 16)</small>		
Note: Dust-tight enclosures.		
<b>26 27 16 00-0097</b> <b>Hinged Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0096)</small>		
<b>26 27 16 00-0098</b> <b>4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0097)</small>		
26 27 16 00-0099 EA 4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	70.05	11.02
26 27 16 00-0100 EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	90.74	15.15
26 27 16 00-0101 EA 8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	111.94	19.28
26 27 16 00-0102 EA 10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	121.32	20.66
26 27 16 00-0103 EA 12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	136.89	22.04
26 27 16 00-0104 EA 12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	147.65	23.41
<b>26 27 16 00-0105</b> <b>6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0097)</small>		
26 27 16 00-0106 EA 6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	100.92	16.52
26 27 16 00-0107 EA 8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	111.38	17.91
<b>26 27 16 00-0108</b> <b>Screw Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0096)</small>		
<b>26 27 16 00-0109</b> <b>4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0108)</small>		
26 27 16 00-0110 EA 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	75.19	11.02
26 27 16 00-0111 EA 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	92.63	15.15
26 27 16 00-0112 EA 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	103.98	16.52
26 27 16 00-0113 EA 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	119.44	19.28
26 27 16 00-0114 EA 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	123.89	20.66
26 27 16 00-0115 EA 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	143.35	22.04
26 27 16 00-0116 EA 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	153.60	23.41
26 27 16 00-0117 EA 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	172.47	24.79
<b>26 27 16 00-0118</b> <b>6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0108)</small>		
26 27 16 00-0119 EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	110.36	16.52
26 27 16 00-0120 EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	123.79	17.91
26 27 16 00-0121 EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	136.36	20.66
26 27 16 00-0122 EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	161.74	24.79
26 27 16 00-0123 EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	176.43	27.54
26 27 16 00-0124 EA 16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	241.93	35.81
26 27 16 00-0125 EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	374.40	55.09
26 27 16 00-0126 EA 24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	479.34	63.35
26 27 16 00-0127 EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	537.20	68.86
<b>26 27 16 00-0128</b> <b>8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0108)</small>		
26 27 16 00-0129 EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	505.07	70.24

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0130 EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	575.52	75.74
26 27 16 00-0131 EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	628.38	79.88
26 27 16 00-0132 EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	685.98	82.63
26 27 16 00-0133 EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	677.97	82.63
<b>26 27 16 00-0134 Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0096)</small>		
<b>26 27 16 00-0135 8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0134)</small>		
26 27 16 00-0136 EA 60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	1,947.30	111.89
<b>26 27 16 00-0137 10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0134)</small>		
26 27 16 00-0138 EA 60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	1,977.19	123.94
26 27 16 00-0139 EA 60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,258.35	132.56
26 27 16 00-0140 EA 72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,610.88	165.27
26 27 16 00-0141 EA 72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,925.76	194.87
<b>26 27 16 00-0142 12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures</b> <small>(26 27 16 00-0134)</small>		
26 27 16 00-0143 EA 60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,172.00	194.87
26 27 16 00-0144 EA 60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,410.54	206.58
26 27 16 00-0145 EA 72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,723.55	220.34
26 27 16 00-0146 EA 72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	2,982.51	220.34
<b>26 27 16 00-0147 NEMA 3 Enclosures</b> <small>(26 27 16)</small>		
Note: Can be used underground or encased in concrete.		
<b>26 27 16 00-0148 2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures</b> <small>(26 27 16 00-0147)</small>		
26 27 16 00-0149 EA 4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	193.74	48.20
<b>26 27 16 00-0150 3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures</b> <small>(26 27 16 00-0147)</small>		
26 27 16 00-0151 EA 4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	209.14	48.20
26 27 16 00-0152 EA 5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	270.91	49.92
26 27 16 00-0153 EA 6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	281.39	49.92
26 27 16 00-0154 EA 6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	356.98	51.64
<b>26 27 16 00-0155 4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures</b> <small>(26 27 16 00-0147)</small>		
26 27 16 00-0156 EA 4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	268.07	49.92
26 27 16 00-0157 EA 5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	295.48	49.92
26 27 16 00-0158 EA 6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	308.13	51.64
26 27 16 00-0159 EA 6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	392.32	51.64
26 27 16 00-0160 EA 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	431.80	55.09
26 27 16 00-0161 EA 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	465.03	58.53
26 27 16 00-0162 EA 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	485.05	58.53
26 27 16 00-0163 EA 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	579.76	60.25
26 27 16 00-0164 EA 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	630.03	61.98
26 27 16 00-0165 EA 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	867.66	68.86
<b>26 27 16 00-0166 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures</b> <small>(26 27 16 00-0147)</small>		
26 27 16 00-0167 EA 6" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	414.71	53.36
26 27 16 00-0168 EA 8" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	524.85	60.25
26 27 16 00-0169 EA 8" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	617.72	61.98
26 27 16 00-0170 EA 10" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	714.38	63.69
26 27 16 00-0171 EA 10" x 10" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	761.60	63.69
26 27 16 00-0172 EA 12" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	867.41	68.86
26 27 16 00-0173 EA 12" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,004.05	77.47
26 27 16 00-0174 EA 16" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	945.78	74.02
26 27 16 00-0175 EA 18" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,840.80	137.72
26 27 16 00-0176 EA 18" x 18" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	3,210.78	172.14
<b>26 27 16 00-0177 8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures</b> <small>(26 27 16 00-0147)</small>		
26 27 16 00-0178 EA 8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	768.42	65.42
26 27 16 00-0179 EA 12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,159.55	86.07
26 27 16 00-0180 EA 12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,178.84	86.07
26 27 16 00-0181 EA 16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	1,593.00	129.11
26 27 16 00-0182 EA 18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	2,108.71	137.72
26 27 16 00-0183 EA 24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure.....	5,386.54	241.01



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Distribution Equipment	26 27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 16 00-0184</b> 10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
26 27 16 00-0185 EA 18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	2,815.49	172.14
<b>26 27 16 00-0186</b> 12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
26 27 16 00-0187 EA 18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	4,349.24	206.58
26 27 16 00-0188 EA 24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	3,570.41	189.36
<b>26 27 16 00-0189</b> NEMA 3R Enclosures <small>(26 27 16)</small> Note: Rain-tight enclosures.		
<b>26 27 16 00-0190</b> Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0189)</small>		
<b>26 27 16 00-0191</b> 4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		
26 27 16 00-0192 EA 6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	56.38	13.77
26 27 16 00-0193 EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	62.24	15.15
26 27 16 00-0194 EA 8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	88.00	15.15
<b>26 27 16 00-0195</b> 6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		
26 27 16 00-0196 EA 8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	115.09	20.66
26 27 16 00-0197 EA 10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	128.65	23.41
26 27 16 00-0198 EA 12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	150.81	26.17
26 27 16 00-0199 EA 12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	162.94	27.54
26 27 16 00-0200 EA 16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	212.14	35.81
26 27 16 00-0201 EA 16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	253.83	44.07
26 27 16 00-0202 EA 18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	290.47	55.09
<b>26 27 16 00-0203</b> 8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		
26 27 16 00-0204 EA 24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	439.62	70.24
26 27 16 00-0205 EA 24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	487.31	75.74
26 27 16 00-0206 EA 30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	547.95	79.88
26 27 16 00-0207 EA 30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	576.18	82.63
<b>26 27 16 00-0208</b> 10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		
26 27 16 00-0209 EA 12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	544.93	85.38
26 27 16 00-0210 EA 12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	615.56	96.40
26 27 16 00-0211 EA 12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	681.49	106.73
26 27 16 00-0212 EA 12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	750.75	117.75
26 27 16 00-0213 EA 12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	817.37	128.07
26 27 16 00-0214 EA 18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	356.10	67.48
26 27 16 00-0215 EA 24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	544.93	85.38
26 27 16 00-0216 EA 30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	643.72	88.14
26 27 16 00-0217 EA 36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	813.17	96.40
<b>26 27 16 00-0218</b> 12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		
26 27 16 00-0219 EA 12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	526.87	68.17
26 27 16 00-0220 EA 12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	590.82	76.44
26 27 16 00-0221 EA 12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	654.07	84.70
26 27 16 00-0222 EA 12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	723.35	93.65
26 27 16 00-0223 EA 12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	787.30	101.91
26 27 16 00-0224 EA 18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	393.65	50.96
26 27 16 00-0225 EA 18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	526.87	68.17
26 27 16 00-0226 EA 18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	590.82	76.44
26 27 16 00-0227 EA 18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	691.72	89.52
26 27 16 00-0228 EA 18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	787.30	101.91
26 27 16 00-0229 EA 30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	748.70	100.53
26 27 16 00-0230 EA 36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	787.30	101.91
26 27 16 00-0231 EA 36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	829.01	104.66
26 27 16 00-0232 EA 36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	922.72	110.18
26 27 16 00-0233 EA 42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,000.34	115.68
<b>26 27 16 00-0234</b> Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0189)</small>		
<b>26 27 16 00-0235</b> 4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0234)</small>		
26 27 16 00-0236 EA 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	44.70	11.02
26 27 16 00-0237 EA 6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	53.75	13.77
26 27 16 00-0238 EA 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	59.38	15.15
26 27 16 00-0239 EA 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	66.02	16.52
26 27 16 00-0240 EA 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	76.61	19.28
26 27 16 00-0241 EA 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	83.73	20.66
26 27 16 00-0242 EA 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	91.56	22.04
26 27 16 00-0243 EA 12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	91.09	22.04
26 27 16 00-0244 EA 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	100.00	23.41

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0245	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	107.83	24.79
26 27 16 00-0246	EA		18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	162.17	38.56
26 27 16 00-0247	EA		18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	217.54	49.57
<b>26 27 16 00-0248</b>			<b>6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0234)		
26 27 16 00-0249	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	61.33	16.52
26 27 16 00-0250	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	85.00	20.66
26 27 16 00-0251	EA		10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	96.28	23.41
26 27 16 00-0252	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	104.76	24.79
26 27 16 00-0253	EA		12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	104.07	24.79
26 27 16 00-0254	EA		12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	113.10	26.17
26 27 16 00-0255	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	122.22	27.54
26 27 16 00-0256	EA		16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	159.61	35.81
26 27 16 00-0257	EA		18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	182.74	42.70
26 27 16 00-0258	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	245.12	55.09
26 27 16 00-0259	EA		24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	254.72	59.22
26 27 16 00-0260	EA		24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	294.11	63.35
26 27 16 00-0261	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	332.98	68.86
<b>26 27 16 00-0262</b>			<b>8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0234)		
26 27 16 00-0263	EA		12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	137.16	30.30
26 27 16 00-0264	EA		18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	196.64	46.83
26 27 16 00-0265	EA		18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	271.45	60.59
26 27 16 00-0266	EA		24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	325.34	70.24
26 27 16 00-0267	EA		24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	370.65	75.74
26 27 16 00-0268	EA		30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	414.71	79.88
<b>26 27 16 00-0269</b>			<b>10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0234)		
26 27 16 00-0270	EA		18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	299.03	67.48
26 27 16 00-0271	EA		24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	406.15	85.38
26 27 16 00-0272	EA		30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	449.37	88.14
<b>26 27 16 00-0273</b>			<b>12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0234)		
26 27 16 00-0274	EA		24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	449.14	93.65
26 27 16 00-0275	EA		30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	645.16	101.91
26 27 16 00-0276	EA		36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	667.23	104.66
26 27 16 00-0277	EA		36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	788.76	110.18
<b>26 27 16 00-0278</b>			<b>NEMA 4 Enclosures</b> (26 27 16) Note: Water-tight enclosures.		
<b>26 27 16 00-0279</b>			<b>Hinge Cover, Painted Steel NEMA 4 Enclosures</b> (26 27 16 00-0278)		
26 27 16 00-0280	EA		4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	82.36	9.64
26 27 16 00-0281	EA		6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	95.50	11.70
26 27 16 00-0282	EA		8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	119.04	15.15
26 27 16 00-0283	EA		6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	112.42	15.15
26 27 16 00-0284	EA		10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	149.78	20.66
26 27 16 00-0285	EA		12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	187.70	24.79
26 27 16 00-0286	EA		10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	172.80	23.41
26 27 16 00-0287	EA		12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	201.17	27.54
26 27 16 00-0288	EA		14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	237.54	31.68
26 27 16 00-0289	EA		16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	286.18	39.94
<b>26 27 16 00-0290</b>			<b>Clamp Cover, Painted Steel NEMA 4 Enclosures</b> (26 27 16 00-0278)		
26 27 16 00-0291	EA		4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure .....	74.67	9.64
26 27 16 00-0292	EA		6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure .....	104.75	15.15
<b>26 27 16 00-0293</b>			<b>Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures</b> (26 27 16 00-0278)		
26 27 16 00-0294	EA		6" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure .....	92.48	13.23
26 27 16 00-0295	EA		8" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure .....	97.93	14.32
26 27 16 00-0296	EA		10" x 8" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure .....	118.90	18.73
26 27 16 00-0297	EA		12" x 10" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure .....	140.12	20.66
26 27 16 00-0298	EA		14" x 12" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure .....	182.25	26.17
26 27 16 00-0299	EA		16" x 14" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure .....	212.74	30.98
26 27 16 00-0300	EA		18" x 16" x 10" Screw Cover, Fiberglass NEMA 4 Enclosure .....	292.49	49.57
<b>26 27 16 00-0301</b>			<b>NEMA 4X Enclosures</b> (26 27 16) Note: Water-tight enclosures.		
<b>26 27 16 00-0302</b>			<b>Clamp Cover, Aluminum NEMA 4X Enclosures</b> (26 27 16 00-0301)		
26 27 16 00-0303	EA		6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure .....	173.42	11.02
26 27 16 00-0304	EA		6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure .....	201.94	15.15



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Distribution Equipment	26 27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0305 EA 10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure .....	254.28	20.66
26 27 16 00-0306 EA 12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure .....	309.04	24.79
26 27 16 00-0307 EA 14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure .....	379.70	31.68
26 27 16 00-0308 EA 16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure .....	445.45	39.94
<b>26 27 16 00-0309 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures</b> <small>(26 27 16 00-0301)</small>		
26 27 16 00-0310 EA 4" x 4" x 3" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	156.41	9.64
For 316L Stainless Steel, Add	35.72	
26 27 16 00-0311 EA 6" x 4" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	203.73	13.77
For 316L Stainless Steel, Add	45.71	
26 27 16 00-0312 EA 6" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	230.74	15.15
For 316L Stainless Steel, Add	52.07	
26 27 16 00-0313 EA 8" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	263.89	16.52
For 316L Stainless Steel, Add	60.10	
26 27 16 00-0314 EA 10" x 8" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	324.19	20.66
For 316L Stainless Steel, Add	73.59	
26 27 16 00-0315 EA 12" x 10" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	455.30	26.17
For 316L Stainless Steel, Add	105.27	
26 27 16 00-0316 EA 14" x 12" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	567.36	31.68
For 316L Stainless Steel, Add	131.81	
26 27 16 00-0317 EA 16" x 14" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	684.42	39.94
For 316L Stainless Steel, Add	157.83	
<b>26 27 16 00-0318 Screw Cover, Polycarbonate NEMA 4X Enclosures</b> <small>(26 27 16 00-0301)</small>		
Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0319 EA 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	79.08	15.15
26 27 16 00-0320 EA 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	89.03	16.52
26 27 16 00-0321 EA 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	101.88	19.28
26 27 16 00-0322 EA 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	110.75	20.66
26 27 16 00-0323 EA 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	127.93	23.41
26 27 16 00-0324 EA 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	120.34	23.41
26 27 16 00-0325 EA 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	140.22	26.17
26 27 16 00-0326 EA 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	175.70	31.68
26 27 16 00-0327 EA 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	224.49	43.38
26 27 16 00-0328 EA 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	289.16	62.46
26 27 16 00-0329 EA 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	85.05	15.15
26 27 16 00-0330 EA 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	96.08	16.52
26 27 16 00-0331 EA 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	109.48	19.28
26 27 16 00-0332 EA 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	119.96	20.66
26 27 16 00-0333 EA 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	137.69	23.41
26 27 16 00-0334 EA 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	129.57	23.41
26 27 16 00-0335 EA 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	152.72	26.17
26 27 16 00-0336 EA 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	182.20	31.68
26 27 16 00-0337 EA 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	238.05	43.38
26 27 16 00-0338 EA 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	303.79	62.46
<b>26 27 16 00-0339 Hinged Cover, Polycarbonate NEMA 4X Enclosures</b> <small>(26 27 16 00-0301)</small>		
Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0340 EA 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	95.89	15.15
26 27 16 00-0341 EA 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	102.59	16.52
26 27 16 00-0342 EA 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	116.52	19.28
26 27 16 00-0343 EA 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	125.93	20.66
26 27 16 00-0344 EA 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	149.09	23.41
26 27 16 00-0345 EA 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	137.16	23.41
26 27 16 00-0346 EA 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	168.44	26.17
26 27 16 00-0347 EA 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	200.10	31.68
26 27 16 00-0348 EA 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	245.64	43.38
26 27 16 00-0349 EA 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	316.81	62.46
26 27 16 00-0350 EA 6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	100.23	15.15
26 27 16 00-0351 EA 8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	110.71	16.52
26 27 16 00-0352 EA 8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	124.11	19.28
26 27 16 00-0353 EA 10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	134.06	20.66
26 27 16 00-0354 EA 12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	159.93	23.41
26 27 16 00-0355 EA 10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	146.37	23.41
26 27 16 00-0356 EA 12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	179.83	26.17
26 27 16 00-0357 EA 14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	205.52	31.68
26 27 16 00-0358 EA 16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	263.52	43.38
26 27 16 00-0359 EA 18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	335.79	62.46
<b>26 27 16 00-0360 NEMA 7/9 Enclosures</b> <small>(26 27 16)</small>		
Note: Nominal inside dimensions.		
<b>26 27 16 00-0361 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0360)</small>		
26 27 16 00-0362 EA 6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure .....	905.84	77.47
For Mounting Pan, Add	39.75	
26 27 16 00-0363 EA 6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure .....	714.64	82.63
For Mounting Pan, Add	74.07	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0364 EA 8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,422.12 102.13	92.96
<b>26 27 16 00-0365 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0360)</small>		
26 27 16 00-0366 EA 8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,260.81 51.93	92.96
26 27 16 00-0367 EA 8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,652.14 102.13	95.54
26 27 16 00-0368 EA 8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,688.59 78.13	103.29
26 27 16 00-0369 EA 10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,733.93 91.41	103.29
26 27 16 00-0370 EA 10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,457.76 119.92	129.11
26 27 16 00-0371 EA 12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,318.88 74.88	116.20
26 27 16 00-0372 EA 12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,395.68 112.04	129.11
26 27 16 00-0373 EA 12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	3,688.53 150.73	232.40
26 27 16 00-0374 EA 14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,939.55 146.76	154.93
26 27 16 00-0375 EA 16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	3,837.62 134.74	258.22
26 27 16 00-0376 EA 18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	4,618.30 219.04	258.22
<b>26 27 16 00-0377 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0360)</small>		
26 27 16 00-0378 EA 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,972.32 78.13	116.20
26 27 16 00-0379 EA 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	1,986.42 91.41	116.20
26 27 16 00-0380 EA 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,254.78 119.92	116.20
26 27 16 00-0381 EA 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	2,498.52 74.88	129.11
26 27 16 00-0382 EA 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	3,615.84 112.04	232.40
26 27 16 00-0383 EA 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	4,399.55 150.73	284.05
26 27 16 00-0384 EA 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	6,949.77 226.69	335.68
26 27 16 00-0385 EA 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	3,951.35 146.76	284.05
26 27 16 00-0386 EA 16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	4,061.79 134.74	284.05
26 27 16 00-0387 EA 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	6,092.80 201.96	309.86
26 27 16 00-0388 EA 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	5,022.15 219.04	284.05
26 27 16 00-0389 EA 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	6,733.78 320.30	309.86
26 27 16 00-0390 EA 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	6,686.89 427.00	309.86
26 27 16 00-0391 EA 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	10,406.38 533.67	413.15
26 27 16 00-0392 EA 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	7,912.42 496.22	335.68
26 27 16 00-0393 EA 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	14,368.85 679.32	516.44
<b>26 27 16 00-0394 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0360)</small>		
26 27 16 00-0395 EA 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	7,233.87 226.69	335.68
26 27 16 00-0396 EA 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	6,658.66 201.96	309.86
26 27 16 00-0397 EA 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	7,255.01 320.30	335.68
26 27 16 00-0398 EA 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	9,187.37 533.67	361.50
26 27 16 00-0399 EA 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	8,114.35 496.22	361.50
26 27 16 00-0400 EA 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure For Mounting Pan, Add	15,670.33 679.32	516.44



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Distribution Equipment	26 27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 16 00-0401</b> 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0360)</small>		
26 27 16 00-0402 EA 12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	4,500.88 150.73	284.05
<b>26 27 16 00-0403</b> Breaker Enclosures <small>(26 27 16)</small> See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
<b>26 27 16 00-0404</b> 15 To 100 Amp, F-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0405 EA NEMA 1, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	287.84	55.09
26 27 16 00-0406 EA NEMA 3R, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	580.18	55.09
26 27 16 00-0407 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	1,456.63	75.74
26 27 16 00-0408 EA NEMA 7, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure.....	2,050.90	82.63
26 27 16 00-0409 EA NEMA 9, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure.....	1,470.92	82.63
26 27 16 00-0410 EA NEMA 12, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	466.40	75.74
<b>26 27 16 00-0411</b> 15 To 250 Amp, H Or J-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0412 EA NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	472.97	75.74
26 27 16 00-0413 EA NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	941.10	75.74
26 27 16 00-0414 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	3,393.50	96.40
26 27 16 00-0415 EA NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	739.88	96.40
<b>26 27 16 00-0416</b> 125 To 400 Amp, L-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0417 EA NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	704.35	151.49
26 27 16 00-0418 EA NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,858.73	151.49
26 27 16 00-0419 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	5,718.25	192.80
26 27 16 00-0420 EA NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,234.37	192.80
<b>26 27 16 00-0421</b> 300 To 800 Amp, M-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0422 EA NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	1,387.79	289.21
26 27 16 00-0423 EA NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	2,607.91	289.21
26 27 16 00-0424 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	10,261.11	371.84
26 27 16 00-0425 EA NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure.....	5,366.53	371.84
<b>26 27 16 00-0426</b> 250 To 1,200 Amp, P-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0427 EA NEMA 1, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	1,762.85	289.21
26 27 16 00-0428 EA NEMA 3R, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	3,201.05	289.21
26 27 16 00-0429 EA NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure.....	6,851.73	371.84
<b>26 27 16 00-0430</b> Legend Plates <small>(26 27 16)</small>		
26 27 16 00-0431 EA 3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters.....	9.25	3.44
26 27 16 00-0432 EA 3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters.....	11.26	3.44
<b>26 27 23 Indoor Service Poles</b> <small>(26 27)</small>		
<b>26 27 23 00-0001</b> Communication And Power Poles <small>(26 27 23)</small> Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
<b>26 27 23 00-0002</b> Steel Communication And Power Poles <small>(26 27 23 00-0001)</small>		
<b>26 27 23 00-0003</b> 2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>		
<b>26 27 23 00-0004</b> 2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0003)</small>		
26 27 23 00-0005 EA 2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	202.51	30.53
26 27 23 00-0006 EA 2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	220.88	30.53
26 27 23 00-0007 EA 2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	242.14	30.53
<b>26 27 23 00-0008</b> Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0003)</small> Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009 EA Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	43.83	6.30
26 27 23 00-0010 EA Add-On Cover Plate For Three Duplex Receptacles.....	35.64	6.30
26 27 23 00-0011 EA Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	40.64	6.30
26 27 23 00-0012 EA Add-On Cover Plate For Data And A/V Modular Devices.....	29.56	6.30
26 27 23 00-0013 EA Add-On Radius Control Entrance End Fitting.....	23.97	6.30
<b>26 27 23 00-0014</b> 2-3/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0002)</small>		
<b>26 27 23 00-0015</b> 2-3/4" Width, Steel Communication And Power Poles <small>(26 27 23 00-0014)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0016 EA 2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	265.52	30.53
26 27 23 00-0017 EA 2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	305.01	30.53
26 27 23 00-0018 EA 2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	326.33	30.53
<b>26 27 23 00-0019 Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles</b> (26 27 23 00-0014) Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020 EA Add-On Cover Plate For One Single Receptacle.....	27.09	6.30
26 27 23 00-0021 EA Add-On Cover Plate For One Duplex Receptacle.....	24.14	6.30
26 27 23 00-0022 EA Add-On Cover Plate For Data And A/V Modular Devices .....	26.25	6.30
<b>26 27 23 00-0023 3" Width, Steel Communication And Power Poles</b> (26 27 23 00-0002)		
<b>26 27 23 00-0024 3" Width, Steel Communication And Power Poles</b> (26 27 23 00-0023)		
26 27 23 00-0025 EA 3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	349.21	30.53
26 27 23 00-0026 EA 3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	396.74	30.53
26 27 23 00-0027 EA 3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	428.08	30.53
<b>26 27 23 00-0028 Additional Cover Plates For 3" Width, Steel Communication And Power Poles</b> (26 27 23 00-0023) Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029 EA Add-On Cover Plate For One Single Receptacle.....	27.09	6.30
26 27 23 00-0030 EA Add-On Cover Plate For One Duplex Receptacle.....	24.14	6.30
26 27 23 00-0031 EA Add-On Cover Plate For Data And A/V Modular Devices .....	26.25	6.30
<b>26 27 23 00-0032 Aluminum Communication And Power Poles</b> (26 27 23 00-0001)		
<b>26 27 23 00-0033 2-1/8" Width, Aluminum Communication And Power Poles</b> (26 27 23 00-0032)		
<b>26 27 23 00-0034 2-1/8" Width, Aluminum Communication And Power Poles</b> (26 27 23 00-0033)		
26 27 23 00-0035 EA 2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	277.89	30.53
26 27 23 00-0036 EA 2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	311.12	30.53
26 27 23 00-0037 EA 2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	348.38	30.53
<b>26 27 23 00-0038 Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles</b> (26 27 23 00-0033)		
26 27 23 00-0039 EA Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle .....	42.58	6.30
26 27 23 00-0040 EA Add-On Cover Plate For Three Duplex Receptacles .....	43.52	6.30
26 27 23 00-0041 EA Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle .....	46.64	6.30
26 27 23 00-0042 EA Add-On Cover Plate For Data And A/V Modular Devices .....	31.31	6.30
26 27 23 00-0043 EA Add-On Radius Control Entrance End Fitting .....	23.97	6.30
<b>26 27 23 00-0044 2-1/4" Width, Aluminum Communication And Power Poles</b> (26 27 23 00-0032)		
26 27 23 00-0045 EA 2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	267.51	30.53
26 27 23 00-0046 EA 2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	301.59	30.53
26 27 23 00-0047 EA 2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	341.75	30.53
<b>26 27 23 00-0048 5" Width, Aluminum Communication And Power Poles</b> (26 27 23 00-0032)		
26 27 23 00-0049 EA 5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	571.12	30.53
26 27 23 00-0050 EA 5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	654.72	30.53
26 27 23 00-0051 EA 5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	748.35	30.53
<b>26 27 23 00-0052 2" Diameter, Round Aluminum Communication And Power Pole</b> (26 27 23 00-0032)		
26 27 23 00-0053 EA 2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	305.60	30.53
26 27 23 00-0054 EA 2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	288.76	30.53
26 27 23 00-0055 EA 2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	372.84	30.53
<b>26 27 26 Wiring Devices</b> (26 27)		
Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
<b>26 27 26 00-0001 Receptacles</b> (26 27 26)		
<b>26 27 26 00-0002 General Use Receptacles</b> (26 27 26 00-0001)		
<b>26 27 26 00-0003 Receptacle Assemblies</b> (26 27 26 00-0002) Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004 EA 1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly.....	55.62	24.45
26 27 26 00-0005 EA 1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly.....	59.47	26.17
26 27 26 00-0006 EA 2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly.....	71.27	31.33
26 27 26 00-0007 EA 2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly.....	78.99	34.77
26 27 26 00-0008 EA 1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly.....	61.25	24.45





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Distribution Equipment	26 27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0009 EA 1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly .....	65.41	26.17
<b>26 27 26 00-0010 Receptacle Components</b> <small>(26 27 26 00-0002)</small>		
26 27 26 00-0011 EA 15 Amp, NEMA 5-15, Single Receptacle, 125 Volt, 1 Phase .....	15.31	6.89
26 27 26 00-0012 EA 15 Amp, NEMA 5-15, Duplex Receptacle, 125 Volt, 1 Phase .....	14.98	6.89
26 27 26 00-0013 EA 15 Amp, Single Receptacle, 120/277 Volt, 3 Wire .....	16.92	6.89
26 27 26 00-0014 EA 15 Amp, Duplex Receptacle, 120/277 Volt, 3 Wire .....	18.04	6.89
26 27 26 00-0015 EA 15 Amp, NEMA 6-15, Single Receptacle, 250 Volt, 1 Phase .....	22.91	8.60
26 27 26 00-0016 EA 15 Amp, NEMA 6-15, Duplex Receptacle, 250 Volt, 1 Phase .....	26.59	8.60
26 27 26 00-0017 EA 20 Amp, NEMA 5-20, Single Receptacle, 125 Volt, 1 Phase .....	15.74	6.89
26 27 26 00-0018 EA 20 Amp, NEMA 5-20, Duplex Receptacle, 125 Volt, 1 Phase .....	15.39	6.89
26 27 26 00-0019 EA 20 Amp, Single Receptacle, 120/277 Volt .....	20.44	6.89
26 27 26 00-0020 EA 20 Amp, Duplex Receptacle, 120/277 Volt .....	17.68	6.89
26 27 26 00-0021 EA 20 Amp, NEMA 6-20, Single Receptacle, 250 Volt, 1 Phase .....	22.91	8.60
26 27 26 00-0022 EA 20 Amp, NEMA 6-20, Duplex Receptacle, 250 Volt, 1 Phase .....	26.59	8.60
26 27 26 00-0023 EA 20 Amp, NEMA 14-20, Single Receptacle, 125/250 Volt, 1 Phase .....	38.40	8.60
26 27 26 00-0024 EA 20 Amp, NEMA 15-20, Single Receptacle, 250 Volt, 3 Phase .....	38.40	8.60
26 27 26 00-0025 EA 25 Amp, Duplex Receptacle, 120/277 Volt .....	34.26	10.33
<b>26 27 26 00-0026 Specialty Receptacles</b> <small>(26 27 26 00-0001)</small>		
<b>26 27 26 00-0027 Specialty</b> <small>(26 27 26 00-0026)</small>		
26 27 26 00-0028 EA 30 Amp, NEMA 5-30, Single Receptacle, 125 Volt, 1 Phase .....	32.45	12.05
26 27 26 00-0029 EA 30 Amp, NEMA 6-30, Single Receptacle, 250 Volt, 1 Phase .....	32.45	12.05
26 27 26 00-0030 EA 30 Amp, NEMA 10-30 Single Receptacles, 125/250 Volt .....	44.94	12.05
26 27 26 00-0031 EA 30 Amp, NEMA 14-30, Single Receptacle, 125/250 Volt, 1 Phase .....	45.28	12.05
26 27 26 00-0032 EA 30 Amp, NEMA 15-30, Single Receptacle, 250 Volt, 3 Phase .....	48.72	13.77
26 27 26 00-0033 EA 50 Amp, NEMA 5-50, Single Receptacle, 125 Volt, 1 Phase .....	45.66	13.77
26 27 26 00-0034 EA 50 Amp, NEMA 6-50, Single Receptacle, 250 Volt, 1 Phase .....	44.80	13.77
26 27 26 00-0035 EA 50 Amp, NEMA 7-50 Single Receptacles, 277 Volt .....	40.35	13.77
26 27 26 00-0036 EA 50 Amp, NEMA 10-50 Single Receptacles, 125/250 Volt .....	54.23	13.77
26 27 26 00-0037 EA 50 Amp, NEMA 14-50, Single Receptacle, 125/250 Volt, 1 Phase .....	53.42	13.77
26 27 26 00-0038 EA 50 Amp, NEMA 15-50, Single Receptacle, 250 Volt, 3 Phase .....	56.86	15.49
26 27 26 00-0039 EA 60 Amp, NEMA 14-60, Single Receptacle, 125/250 Volt, 1 Phase .....	62.67	17.22
26 27 26 00-0040 EA 60 Amp, NEMA 15-60, Single Receptacle, 250 Volt, 3 Phase .....	69.55	20.66
26 27 26 00-0041 EA 100 Amp, 3 Phase, 480 Volt Joy Receptacle With Box - Complete .....	637.87	161.82
26 27 26 00-0042 EA 400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete .....	1,436.87	197.97
26 27 26 00-0043 EA 30 Amp, Dryer Receptacle, 230 Volt .....	38.34	13.77
26 27 26 00-0044 EA 60 Amp, Range Receptacle, 230 Volt .....	56.44	20.66
26 27 26 00-0045 EA 15 Or 20 Amp, Clock Hanger Receptacle, 120/277 Volt .....	33.30	8.60
26 27 26 00-0046 EA Cable Reel With 20 Amp, 120 Volt Receptacle - Complete .....	694.69	209.82
<b>26 27 26 00-0047 Isolated Ground Receptacles</b> <small>(26 27 26 00-0026)</small>		
26 27 26 00-0048 EA 15 Amp, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex .....	48.63	6.89
Note: 2 Pole, 3 wire.		
26 27 26 00-0049 EA 20 Amp, 120 Volt Isolated Ground Receptacles, Simplex .....	29.11	8.60
26 27 26 00-0050 EA 20 Amp, 120 Volt Isolated Ground Receptacles, Duplex .....	29.02	8.60
26 27 26 00-0051 EA 30 Amp, 120 Volt Isolated Ground Receptacles, Simplex .....	41.47	13.77
26 27 26 00-0052 EA Locking 15 Amp, 250 Volt Isolated Ground Receptacles .....	31.94	8.60
26 27 26 00-0053 EA Locking 15 Amp, 277 Volt Isolated Ground Receptacles .....	29.74	8.60
26 27 26 00-0054 EA Locking 20 Amp, 120/208 Volt Isolated Ground Receptacles .....	40.07	10.33
26 27 26 00-0055 EA Locking 20 Amp, 277/480 Volt Isolated Ground Receptacles .....	33.21	10.33
26 27 26 00-0056 EA Locking 20 Amp, 347/600 Volt Isolated Ground Receptacles .....	40.89	10.33
26 27 26 00-0057 EA Locking 30 Amp, 120/208 Volt Isolated Ground Receptacles .....	48.37	10.33
26 27 26 00-0058 EA Locking 30 Amp, 277 Volt Isolated Ground Receptacles .....	49.97	13.77
<b>26 27 26 00-0059 Ground Fault Circuit Interrupter (GFCI)</b> <small>(26 27 26 00-0026)</small>		
26 27 26 00-0060 EA 15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle .....	18.89	8.60
26 27 26 00-0061 EA 20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle .....	28.22	10.33
<b>26 27 26 00-0062 Locking Receptacle</b> <small>(26 27 26 00-0026)</small>		
26 27 26 00-0063 EA Locking, 15 Amp, 250 Volt, NEMA L15-15 Power Receptacles, 2 Phase .....	38.96	8.60
26 27 26 00-0064 EA Locking, 15 Amp, 250 Volt, NEMA L16-15 Power Receptacles, 2 Phase .....	40.25	8.60
26 27 26 00-0065 EA Locking, 20 Amp, 125 Volt, NEMA L5-20 Power Receptacles .....	29.01	10.33
26 27 26 00-0066 EA Locking, 20 Amp, 250 Volt, NEMA L6-20 Power Receptacles .....	29.06	10.33
26 27 26 00-0067 EA Locking, 20 Amp, 480 Volt, NEMA L8-20 Power Receptacles .....	30.79	10.33
26 27 26 00-0068 EA Locking, 20 Amp, 600 Volt, NEMA L9-20 Power Receptacles .....	34.80	10.33
26 27 26 00-0069 EA Locking, 20 Amp, 125/250 Volt, NEMA L10-20 Power Receptacles .....	32.42	10.33
26 27 26 00-0070 EA Locking, 20 Amp, 125/250 Volt, NEMA L14-20 Power Receptacles .....	33.02	10.33
26 27 26 00-0071 EA Locking, 30 Amp, 120 Volt AC, NEMA L5-30 Power Receptacles .....	37.10	13.77
26 27 26 00-0072 EA Locking, 30 Amp, 250 Volt AC, NEMA L6-30 Power Receptacles .....	37.65	13.77
26 27 26 00-0073 EA Locking, 30 Amp, 250 Volt, NEMA L15-30 Power Receptacles, 3 Phase .....	43.48	13.77
<b>26 27 26 00-0074 Weathertight Pin And Sleeve Receptacle</b> <small>(26 27 26 00-0026)</small>		

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 27</b>	<b>Low-Voltage Distribution Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0075	EA		20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W).....	153.36	34.43
26 27 26 00-0076	EA		20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W).....	153.01	34.43
26 27 26 00-0077	EA		20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W).....	159.60	34.43
26 27 26 00-0078	EA		20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W).....	194.43	37.87
26 27 26 00-0079	EA		20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W).....	194.98	37.87
26 27 26 00-0080	EA		20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W).....	193.71	37.87
26 27 26 00-0081	EA		30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W).....	231.98	42.34
26 27 26 00-0082	EA		30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W).....	221.26	42.34
26 27 26 00-0083	EA		30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W).....	238.04	42.34
26 27 26 00-0084	EA		30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W).....	240.69	46.48
26 27 26 00-0085	EA		30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W).....	240.48	46.48
26 27 26 00-0086	EA		30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W).....	242.00	46.48
26 27 26 00-0087	EA		60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W).....	337.91	55.09
26 27 26 00-0088	EA		60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W).....	324.93	55.09
26 27 26 00-0089	EA		60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	333.38	55.09
26 27 26 00-0090	EA		60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	371.25	61.29
26 27 26 00-0091	EA		60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	371.50	61.29
26 27 26 00-0092	EA		60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	371.75	61.29
26 27 26 00-0093	EA		100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	413.26	68.86
26 27 26 00-0094	EA		100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	429.90	68.86
26 27 26 00-0095	EA		100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	462.62	75.74
26 27 26 00-0096	EA		100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	461.37	75.74
26 27 26 00-0097	EA		100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	463.72	75.74
<b>26 27 26 00-0098</b>			<b>Corrosion Resistant Receptacle (26 27 26 00-0026)</b>		
26 27 26 00-0099	EA		15/20 Amp, 125 Volt Corrosion Resistant, Power Receptacles.....	33.41	6.89
26 27 26 00-0100	EA		15/20 Amp, 250 Volt Corrosion Resistant, Power Receptacles.....	63.63	8.60
<b>26 27 26 00-0101</b>			<b>Tamper Resistant Receptacle (26 27 26 00-0026)</b>		
26 27 26 00-0102	EA		15 Amp, 125 Volt Duplex Tamper Resistant Receptacle..... Note: Pass & Seymour 3232-TR.	16.69	6.89
26 27 26 00-0103	EA		20 Amp, 125 Volt Duplex Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR20.	18.19	6.89
26 27 26 00-0104	EA		15 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5251.	22.49	6.89
26 27 26 00-0105	EA		20 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5351.	24.51	6.89
26 27 26 00-0106	EA		15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle..... Note: Pass & Seymour S1595-TR*CC8.	36.65	6.89
26 27 26 00-0107	EA		15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 1595-TRS.	39.54	6.89
26 27 26 00-0108	EA		20 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 2095-TRS.	42.30	6.89
<b>26 27 26 00-0109</b>			<b>Switches (26 27 26)</b>		
<b>26 27 26 00-0110</b>			<b>Switches (26 27 26 00-0109)</b>		
<b>26 27 26 00-0111</b>			<b>Switch Assemblies (26 27 26 00-0110)</b> Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0112	EA		1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	56.74	24.10
26 27 26 00-0113	EA		1 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	61.07	26.17
26 27 26 00-0114	EA		2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	75.24	31.50
26 27 26 00-0115	EA		2 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	82.53	34.94
26 27 26 00-0116	EA		3 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	129.33	54.06
26 27 26 00-0117	EA		3 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	140.27	59.22
26 27 26 00-0118	EA		4 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	147.82	61.11
26 27 26 00-0119	EA		4 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	162.41	67.99
<b>26 27 26 00-0120</b>			<b>Switch Components (26 27 26 00-0110)</b>		
26 27 26 00-0121	EA		15 Amp, 120/277 Volt, SPST Switch.....	16.79	6.89
26 27 26 00-0122	EA		15 Amp, 120/277 Volt, 3-Way Switch.....	21.19	8.60
26 27 26 00-0123	EA		15 Amp, 120/277 Volt, 4-Way Switch.....	39.05	13.77
26 27 26 00-0124	EA		15 Amp, 120/277 Volt, DPST Switch.....	18.55	6.89
26 27 26 00-0125	EA		15 Amp, 120/277 Volt, Thermal Switch.....	32.23	8.60
26 27 26 00-0126	EA		20 Amp, 120/277 Volt, SPST Switch.....	20.44	8.60
26 27 26 00-0127	EA		20 Amp, 120/277 Volt, 3-Way Switch.....	25.07	10.33
26 27 26 00-0128	EA		20 Amp, 120/277 Volt, 4-Way Switch.....	49.50	13.77
26 27 26 00-0129	EA		20 Amp, 120/277 Volt, DPST Switch.....	23.26	8.60
26 27 26 00-0130	EA		20 Amp, 120/277 Volt, DPDT Switch.....	24.51	8.60
26 27 26 00-0131	EA		15 Amp, 120/277 Volt, Single Pole, Momentary Contact Switch, Toggle, Three Position, Center Off.....	44.42	8.62
26 27 26 00-0132	EA		15 Amp, 120/277 Volt, Momentary Contact Switch, Key Operated, Single Pole, Three Position, Center Off.....	55.84	8.62
26 27 26 00-0133	EA		Momentary Contact Switch With Separate Neon Pilot..... Note: Neon Pilot is 125 V, 1 / 125W.	42.88	10.35
26 27 26 00-0134	EA		20 Amp, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off..... Note: Or 250 VAC 10 Amp, double throw BAT handle.	30.36	12.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0135 EA 20 Amp, 125 Volt AC, Double Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	36.65	13.77
26 27 26 00-0136 EA 20 Amp, 125 Volt AC, Three Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	49.53	13.77
26 27 26 00-0137 EA 30 Amp, 120/277 Volt, Single Pole Local Switch.....	44.97	13.79
26 27 26 00-0138 EA 30 Amp, 120/277 Volt, Double Pole Local Switch.....	55.24	13.79
26 27 26 00-0139 EA 30 Amp, 120/277 Volt, Three-Way Local Switch.....	57.95	17.25
26 27 26 00-0140 EA 30 Amp, 120/277 Volt, Four-Way Local Switch.....	80.60	18.98
26 27 26 00-0141 EA 15 Amp, 120/277 Volt, Local Switch With Neon Pilot.....	39.45	11.28
26 27 26 00-0142 EA 15 Amp, 120/277 Volt, Local Switch With Separate Neon Pilot..... Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	55.10	11.28
26 27 26 00-0143 EA 15 Amp, 120 Volt, Single Pole Lighted Toggle Switch, Clear Toggle, Lighted In On Position .....	48.36	11.28
26 27 26 00-0144 EA 15 Amp, 120 Volt, Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position .....	46.03	11.28
26 27 26 00-0145 EA Automatic Door Switch, Door Open-Light On, 6 Amp, 125 Volt.....	50.07	5.59
26 27 26 00-0146 EA Automatic Door Switch, Door Closed-Light On, 6 Amp, 125 Volt.....	53.22	5.59
26 27 26 00-0147 EA 15 Amp, 120/277 Volt, Single Pole Momentary Contact Switch, Three Position, Center Off, Toggle .....	57.33	21.53
26 27 26 00-0148 EA Momentary Contact Switch, Three Position, Center Off, Key Operated .....	68.75	21.53
Note: 15A, 120/277 V, Single Pole		
<b>26 27 26 00-0149 Specialty Switches</b> <small>(26 27 26 00-0109)</small>		
<b>26 27 26 00-0150 Dimmers With SPST Switch</b> <small>(26 27 26 00-0149)</small>		
26 27 26 00-0151 EA 600 Watt Dimmers With SPST Switch .....	37.51	15.49
26 27 26 00-0152 EA 1,000 Watt Dimmers With SPST Switch .....	57.88	15.49
26 27 26 00-0153 EA 1,500 Watt Dimmers With SPST Switch .....	102.48	24.93
26 27 26 00-0154 EA 2,000 Watt Dimmers With SPST Switch .....	128.47	24.93
26 27 26 00-0155 EA 600 Watt Fluorescent Dimmer Switch.....	74.21	18.39
26 27 26 00-0156 EA 1,000 Watt Fluorescent Dimmer Switch.....	96.57	18.39
26 27 26 00-0157 EA 1,500 Watt Fluorescent Dimmer Switch.....	171.50	27.75
26 27 26 00-0158 EA Remote Speed Switch For Paddle Fan.....	60.25	22.93
26 27 26 00-0159 EA 600 Watt Combination Remote Speed Switch/Incandescent Dimmer .....	97.23	34.22
<b>26 27 26 00-0160 Time Switches</b> <small>(26 27 26 00-0149)</small>		
26 27 26 00-0161 EA 40 Amp, SPST, 125 Volt, Standard Time Switch.....	64.84	20.66
26 27 26 00-0162 EA 40 Amp, SPST, 277 Volt, Standard Time Switch.....	66.02	20.66
26 27 26 00-0163 EA 40 Amp, DPST, 125 Volt, Standard Time Switch.....	64.84	20.66
26 27 26 00-0164 EA 40 Amp, DPST, 277 Volt, Standard Time Switch.....	66.02	20.66
26 27 26 00-0165 EA 40 Amp, SPST, 125 Volt, 7-Day Time Switch .....	72.68	20.66
26 27 26 00-0166 EA 40 Amp, SPST, 277 Volt, 7-Day Time Switch .....	72.68	20.66
26 27 26 00-0167 EA 40 Amp, DPDT, 125 Volt, 7-Day Time Switch.....	118.96	20.66
26 27 26 00-0168 EA 40 Amp, DPDT, 277 Volt, 7-Day Time Switch.....	118.96	20.66
26 27 26 00-0169 EA 20 Amp, SPST, 125 Volt, Programmable Time Switch .....	104.11	20.66
26 27 26 00-0170 EA 20 Amp, SPST, 277 Volt, Programmable Time Switch .....	113.18	20.66
26 27 26 00-0171 EA 20 Amp, SPST, 277 Volt, Programmable Time Switch - Weatherproof .....	113.18	20.66
26 27 26 00-0172 EA 40 Amp, 4PST, 125 Volt, Astro Dial Time Switch .....	134.61	20.66
26 27 26 00-0173 EA 40 Amp, 4PST, 277 Volt, Astro Dial Time Switch .....	138.22	20.66
26 27 26 00-0174 EA 40 Amp, SPST, 125 Volt, Standard Time Switch - Weatherproof .....	64.84	20.66
26 27 26 00-0175 EA 40 Amp, SPST, 277 Volt, Standard Time Switch - Weatherproof .....	66.02	20.66
26 27 26 00-0176 EA 40 Amp, DPST, 125 Volt, Standard Time Switch - Weatherproof .....	64.84	20.66
26 27 26 00-0177 EA 40 Amp, DPST, 277 Volt, Standard Time Switch - Weatherproof .....	66.02	20.66
26 27 26 00-0178 EA 40 Amp, SPST, 125 Volt, 7-Day Time Switch - Weatherproof .....	72.68	20.66
26 27 26 00-0179 EA 40 Amp, SPST, 277 Volt, 7-Day Time Switch - Weatherproof .....	72.68	20.66
26 27 26 00-0180 EA 40 Amp, DPDT, 125 Volt, 7-Day Time Switch - Weatherproof.....	118.96	20.66
26 27 26 00-0181 EA 40 Amp, DPDT, 277 Volt, 7-Day Time Switch - Weatherproof.....	118.96	20.66
26 27 26 00-0182 EA 40 Amp, 4PST, 125 Volt, Astro Dial Time Switch - Weatherproof.....	134.61	20.66
26 27 26 00-0183 EA 40 Amp, 4PST, 277 Volt, Astro Dial Time Switch - Weatherproof.....	138.22	20.66
<b>26 27 26 00-0184 Low Voltage Switching</b> <small>(26 27 26 00-0149)</small>		
26 27 26 00-0185 EA 36 Pin Male Or Female Connector .....	89.84	6.89
<b>26 27 26 00-0186 Other Switches</b> <small>(26 27 26 00-0149)</small>		
26 27 26 00-0187 EA Pull Chain Switch 120/277 Volt AC Installed In Light Fixture.....	22.12	10.33
26 27 26 00-0188 EA Locking Switch, SPST Concealed Devices.....	65.18	27.54
26 27 26 00-0189 EA Locking Switch, 3-Way Concealed Devices.....	65.84	27.54
26 27 26 00-0190 EA Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard .....	69.44	25.75
26 27 26 00-0191 EA 15 Amp Momentary Contact Switch.....	66.87	25.75
26 27 26 00-0192 EA 20 Amp Momentary Contact Switch.....	69.58	25.75
26 27 26 00-0193 EA 2-1/4" Handy Box Cover Units Fuseholder Switch.....	69.64	31.05
26 27 26 00-0194 EA 2-3/4" Handy Box Cover Units Fuseholder Switch.....	70.39	31.05
26 27 26 00-0195 EA 4" Square Box Cover Units With 2 Fuseholders And 2 Switches.....	86.45	37.95
26 27 26 00-0196 EA 4" Square Box Cover Units With 1 Fuseholder And 1 Switch .....	78.60	34.50
26 27 26 00-0197 EA 4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch .....	78.79	34.50
<b>26 27 26 00-0198 Plates And Covers</b> <small>(26 27 26)</small>		
<b>26 27 26 00-0199 Wall Plates</b> <small>(26 27 26 00-0198)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0200			<b>Nylon Wall Plates</b> (26 27 26 00-0199)		
26 27 26 00-0201	EA		1 Gang Nylon Switch Plate .....	1.06	0.34
26 27 26 00-0202	EA		2 Gang Nylon Switch Plate .....	1.78	0.52
26 27 26 00-0203	EA		3 Gang Nylon Switch Plate .....	2.53	0.69
26 27 26 00-0204	EA		4 Gang Nylon Switch Plate .....	3.63	0.86
26 27 26 00-0205	EA		1 Gang Duplex Nylon Wall Plate .....	1.07	0.34
26 27 26 00-0206	EA		2 Gang Duplex Nylon Wall Plate .....	1.82	0.52
26 27 26 00-0207			<b>Plastic Wall Plates</b> (26 27 26 00-0199)		
26 27 26 00-0208	EA		1 Gang Plastic Switch Plate .....	0.99	0.34
26 27 26 00-0209	EA		2 Gang Plastic Switch Plate .....	1.63	0.52
26 27 26 00-0210	EA		3 Gang Plastic Switch Plate .....	2.29	0.69
26 27 26 00-0211	EA		4 Gang Plastic Switch Plate .....	3.63	0.86
26 27 26 00-0212	EA		1 Gang Duplex Plastic Wall Plate .....	0.99	0.34
26 27 26 00-0213	EA		2 Gang Duplex Plastic Wall Plate .....	1.64	0.52
26 27 26 00-0214			<b>Brass Wall Plates</b> (26 27 26 00-0199)		
26 27 26 00-0215	EA		1 Gang 0.04" Brass Switch Plate .....	10.15	1.56
26 27 26 00-0216	EA		2 Gang 0.04" Brass Switch Plate .....	18.88	1.80
26 27 26 00-0217	EA		3 Gang 0.04" Brass Switch Plate .....	27.54	2.00
26 27 26 00-0218	EA		4 Gang 0.04" Brass Switch Plate .....	42.73	2.17
26 27 26 00-0219	EA		5 Gang 0.04" Brass Switch Plate .....	51.99	2.31
26 27 26 00-0220	EA		6 Gang 0.04" Brass Switch Plate .....	60.15	2.41
26 27 26 00-0221	EA		1 Gang 0.04" Brass Duplex Receptacle Wall Plate .....	10.15	1.56
26 27 26 00-0222	EA		2 Gang 0.04" Brass Duplex Receptacle Wall Plate .....	22.09	1.80
26 27 26 00-0223	EA		3 Gang 0.04" Brass Duplex Receptacle Wall Plate .....	31.77	2.00
26 27 26 00-0224			<b>Stainless Steel Wall Plates</b> (26 27 26 00-0199)		
26 27 26 00-0225	EA		1 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	5.51	1.56
26 27 26 00-0226	EA		2 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	8.76	1.80
26 27 26 00-0227	EA		3 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	12.17	2.00
26 27 26 00-0228	EA		4 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	17.77	2.17
26 27 26 00-0229	EA		5 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	20.89	2.31
26 27 26 00-0230	EA		6 Gang, 302 Stainless Steel Switch Plate With Satin Finish .....	25.22	2.41
26 27 26 00-0231	EA		1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish .....	6.02	1.56
26 27 26 00-0232	EA		2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish .....	9.96	1.80
26 27 26 00-0233	EA		3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish .....	16.14	2.00
26 27 26 00-0234	EA		4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish .....	19.49	2.17
26 27 26 00-0235			<b>Chrome Wall Plates</b> (26 27 26 00-0199)		
26 27 26 00-0236	EA		1 Gang 0.040" Chrome Switch Plate With Chromium Finish .....	20.12	1.56
26 27 26 00-0237	EA		2 Gang 0.040" Chrome Switch Plate With Chromium Finish .....	37.56	1.80
26 27 26 00-0238	EA		3 Gang 0.040" Chrome Switch Plate With Chromium Finish .....	54.97	2.00
26 27 26 00-0239	EA		1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish .....	20.10	1.56
26 27 26 00-0240			<b>Weatherproof Covers</b> (26 27 26 00-0198)		
26 27 26 00-0241			<b>Stamped Metallic Weatherproof Covers</b> (26 27 26 00-0240)		
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0242	EA		Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC) .....	8.05	0.34
26 27 26 00-0243	EA		Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC) .....	8.73	0.34
26 27 26 00-0244	EA		Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC) .....	8.73	0.34
26 27 26 00-0245	EA		Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC) .....	8.73	0.34
26 27 26 00-0246	EA		Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC) .....	10.67	0.52
26 27 26 00-0247	EA		Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC) .....	12.14	0.52
26 27 26 00-0248	EA		Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC) .....	12.29	0.52
26 27 26 00-0249	EA		Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC) .....	12.29	0.52
26 27 26 00-0250	EA		Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC) .....	16.77	0.52
26 27 26 00-0251	EA		Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB) .....	15.82	0.69
26 27 26 00-0252	EA		Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT) .....	17.32	0.69
26 27 26 00-0253			<b>Cast Metallic Weatherproof Covers</b> (26 27 26 00-0240)		
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0254	EA		Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC) .....	9.88	0.34
26 27 26 00-0255	EA		Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA) .....	31.82	0.34
26 27 26 00-0256	EA		Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR) .....	35.70	0.34
26 27 26 00-0257	EA		Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG) .....	9.81	0.34
26 27 26 00-0258	EA		Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT) .....	26.96	0.34
26 27 26 00-0259	EA		Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT) .....	44.92	0.34
26 27 26 00-0260	EA		Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST) .....	57.23	0.34
26 27 26 00-0261	EA		Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC) .....	12.29	0.52
26 27 26 00-0262	EA		Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST) .....	90.40	0.52
26 27 26 00-0263	EA		Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC) .....	20.64	0.69
26 27 26 00-0264	EA		Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST) .....	86.30	0.69



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Distribution Equipment</b>	<b>26 27</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 26 00-0265 Die Cast Aluminum Weatherproof Covers</b> <small>(26 27 26 00-0240)</small>		
<small>Note: Includes electrostatically applied powder coating and neoprene gasket.</small>		
26 27 26 00-0266 EA Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027) .....	3.38	0.34
26 27 26 00-0267 EA Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026).....	4.37	0.34
26 27 26 00-0268 EA Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032).....	5.84	0.52
26 27 26 00-0269 EA Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041).....	6.35	0.52
26 27 26 00-0270 EA Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042) .....	6.35	0.52
26 27 26 00-0271 EA Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043) .....	7.09	0.52
<b>26 27 26 00-0272 Heavy Duty Die Cast Aluminum Weatherproof Covers</b> <small>(26 27 26 00-0240)</small>		
<small>Note: Includes baked on lacquer finish and neoprene gasket.</small>		
26 27 26 00-0273 EA Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510).....	35.44	0.34
<b>26 27 26 00-0274 Polycarbonate Weatherproof Covers</b> <small>(26 27 26 00-0240)</small>		
<small>Note: Includes neoprene gasket.</small>		
26 27 26 00-0275 EA Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	7.06	0.34
26 27 26 00-0276 EA Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) .....	7.06	0.34
26 27 26 00-0277 EA Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) .....	7.06	0.34
26 27 26 00-0278 EA Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) .....	8.70	0.52
26 27 26 00-0279 EA Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) .....	8.70	0.52
<b>26 27 26 00-0280 High Impact Thermoplastic Weatherproof Covers</b> <small>(26 27 26 00-0240)</small>		
<small>Note: Includes neoprene gasket.</small>		
26 27 26 00-0281 EA Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522) .....	45.97	0.34
<b>26 27 26 00-0282 Non Metallic (PVC) Weatherproof Covers</b> <small>(26 27 26 00-0240)</small>		
<small>Note: Includes neoprene gasket.</small>		
26 27 26 00-0283 EA Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	727.27	0.34
26 27 26 00-0284 EA Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover .....	749.17	0.52
26 27 26 00-0285 EA Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	729.87	0.34
26 27 26 00-0286 EA Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	1,698.28	0.34
26 27 26 00-0287 EA Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	1,980.62	0.34
26 27 26 00-0288 EA 20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	1,591.38	0.34
26 27 26 00-0289 EA 30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	1,166.82	0.34
26 27 26 00-0290 EA 50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover .....	1,378.28	0.34
26 27 26 00-0291 EA Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover.....	1,224.40	0.34
26 27 26 00-0292 EA Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover .....	1,758.65	0.52
<b>26 27 26 00-0293 Removal And Reinstallation Of Wiring Devices</b> <small>(26 27 26)</small>		
<small>Note: Includes storage and cleaning.</small>		
26 27 26 00-0294 EA Remove And Reinstall Receptacle, Switch, Outlet Or Special System Device.....	45.30	
26 27 26 00-0295 EA Remove And Reinstall Receptacle Or Switch Outlet Cover Plate.....	5.74	
<b>26 27 26 00-0296 In Line Midget Fuseholders</b> <small>(26 27 26)</small>		
<small>See CSI section 26 28 13 00-0078 for fuses.</small>		
26 27 26 00-0297 EA Single Pole Water Resistant In Line Midget Fuseholder .....	48.16	
26 27 26 00-0298 EA Double Pole Water Resistant In Line Midget Fuseholder .....	108.47	
<b>26 27 26 00-0299 Relay Systems</b> <small>(26 27 26)</small>		
26 27 26 00-0300 EA Relay 2 Position, 10 Amp, 24 Volt Coil .....	50.72	15.49
26 27 26 00-0301 EA Industrial Control Relay 20 Amp, 120 Volt Coil Up To 4 Contacts .....	213.35	51.64
26 27 26 00-0302 EA Industrial Control Relay 20 Amp, 120 Volt Coil 12 Contacts.....	358.02	68.86
<b>26 27 26 00-0303 Limit Switches</b> <small>(26 27 26)</small>		
<b>26 27 26 00-0304 Heavy Duty Precision Oiltight</b> <small>(26 27 26 00-0303)</small>		
<b>26 27 26 00-0305 Lever Arm, Plunger, Wobble Stick Type</b> <small>(26 27 26 00-0304)</small>		
26 27 26 00-0306 EA Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated .....	251.52	43.38
<b>26 27 73 Door Chimes</b> <small>(26 27)</small>		
<b>26 27 73 00-0001 Door Bell System</b> <small>(26 27 73)</small>		
26 27 73 00-0002 EA Door Bell, Push-button And Transformer - Complete .....	350.48	143.44
26 27 73 00-0003 EA Visual Flashing Doorbell Indicator, Wire To Existing System - Complete .....	128.54	34.43

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27	73 00-0004	EA	Replacement Bell/Buzzer - Complete Note: Includes removal of existing.	54.04	17.22
<b>26 28 Low-Voltage Circuit Protective Devices (26 20)</b>					
<b>26 28 13 Fuses (26 28)</b>					
<b>26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses (26</b>					
26 28	13 00-0002	EA	1 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.19 3.31	4.95
26 28	13 00-0003	EA	2 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.86 3.31	4.95
26 28	13 00-0004	EA	3 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.40 3.31	4.95
26 28	13 00-0005	EA	5 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.34 3.31	4.95
26 28	13 00-0006	EA	6 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.76 3.31	4.95
26 28	13 00-0007	EA	8 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.94 3.31	4.95
26 28	13 00-0008	EA	10 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74 3.31	4.95
26 28	13 00-0009	EA	15 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.14 3.31	4.95
26 28	13 00-0010	EA	20 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.89 3.31	4.95
26 28	13 00-0011	EA	25 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.36 3.31	4.95
26 28	13 00-0012	EA	30 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.03 3.31	4.95
<b>26 28 13 00-0013 Class RK1, Time Delay Fuses (26 28 13)</b>					
<b>26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses (26</b>					
26 28	13 00-0015	EA	1 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.09 3.31	4.95
26 28	13 00-0016	EA	2 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.64 3.31	4.95
26 28	13 00-0017	EA	3 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.65 3.31	4.95
26 28	13 00-0018	EA	4 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.52 3.31	4.95
26 28	13 00-0019	EA	5 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.51 3.31	4.95
26 28	13 00-0020	EA	10 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.90 3.31	4.95
26 28	13 00-0021	EA	15 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.29 3.31	4.95
26 28	13 00-0022	EA	20 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.17 3.31	4.95
26 28	13 00-0023	EA	25 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.30 3.31	4.95
26 28	13 00-0024	EA	30 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.14 3.31	4.95
26 28	13 00-0025	EA	35 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.98 3.31	4.95
26 28	13 00-0026	EA	40 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.50 3.31	4.95
26 28	13 00-0027	EA	45 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.86 3.31	4.95
26 28	13 00-0028	EA	50 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.56 3.31	4.95
26 28	13 00-0029	EA	60 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.12 3.31	4.95
<b>26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses (26 28</b>					
26 28	13 00-0031	EA	70 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.05 4.13	6.20
26 28	13 00-0032	EA	80 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.81 4.13	6.20
26 28	13 00-0033	EA	90 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.73 4.13	6.20
26 28	13 00-0034	EA	100 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.43 4.13	6.20
26 28	13 00-0035	EA	110 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	126.36 4.13	6.20
26 28	13 00-0036	EA	125 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.85 4.13	6.20



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0077	EA		600 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	390.13 8.26	12.39
<b>26 28 13 00-0078</b>			<b>600 Volt AC, Class CC Midget Fuses</b> <sup>(26 28 13)</sup> Note: 250/300 Volt DC.		
26 28 13 00-0079	EA		1 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.40 3.31	4.95
26 28 13 00-0080	EA		2 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.79 3.31	4.95
26 28 13 00-0081	EA		3 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.68 3.31	4.95
26 28 13 00-0082	EA		5 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.56 3.31	4.95
26 28 13 00-0083	EA		6 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.37 3.31	4.95
26 28 13 00-0084	EA		8 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.46 3.31	4.95
26 28 13 00-0085	EA		10 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.88 3.31	4.95
26 28 13 00-0086	EA		15 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.57 3.31	4.95
26 28 13 00-0087	EA		20 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.09 3.31	4.95
26 28 13 00-0088	EA		25 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.00 3.31	4.95
26 28 13 00-0089	EA		30 Amp, 600 Volt AC, Class CC Midget Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.93 3.31	4.95
<b>26 28 13 00-0090</b>			<b>200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse</b> <sup>(26 28 13)</sup>		
26 28 13 00-0091	EA		1 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.28 2.07	3.44
26 28 13 00-0092	EA		3 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.53 2.07	3.44
26 28 13 00-0093	EA		6 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.15 2.48	4.13
26 28 13 00-0094	EA		10 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.20 3.10	5.16
26 28 13 00-0095	EA		15 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.80 3.10	5.16
26 28 13 00-0096	EA		20 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.26 3.10	5.16
26 28 13 00-0097	EA		25 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.34 4.13	6.89
26 28 13 00-0098	EA		30 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.29 4.13	6.89
26 28 13 00-0099	EA		35 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.88 4.13	6.89
26 28 13 00-0100	EA		40 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.10 4.13	6.89
26 28 13 00-0101	EA		45 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.69 4.13	6.89
26 28 13 00-0102	EA		50 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.18 5.17	8.60
26 28 13 00-0103	EA		60 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.34 5.17	8.60
26 28 13 00-0104	EA		70 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.46 6.20	10.33
26 28 13 00-0105	EA		80 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.08 6.20	10.33
26 28 13 00-0106	EA		90 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.90 6.20	10.33
26 28 13 00-0107	EA		100 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.09 7.23	12.05
26 28 13 00-0108	EA		110 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152.26 7.23	12.05
26 28 13 00-0109	EA		125 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.67 7.23	12.05
26 28 13 00-0110	EA		150 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	124.00 8.26	13.77
26 28 13 00-0111	EA		175 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.79 8.26	13.77
26 28 13 00-0112	EA		200 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.79 8.26	13.77
26 28 13 00-0113	EA		225 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.88 8.26	13.77
26 28 13 00-0114	EA		250 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	242.27 8.26	13.77
26 28 13 00-0115	EA		300 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.41 8.26	13.77
26 28 13 00-0116	EA		350 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	243.48 8.26	13.77





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0117 EA 400 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	201.65	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.30	
26 28 13 00-0118 EA 450 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	425.67	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.30	
26 28 13 00-0119 EA 500 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	361.91	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0120 EA 600 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	269.88	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
<b>26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses (26 28 13)</b>		
26 28 13 00-0122 EA 100 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	811.20	8.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 28 13 00-0123 EA 150 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	812.80	8.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 28 13 00-0124 EA 200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	814.29	8.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.17	
26 28 13 00-0125 EA 250 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	812.01	10.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.20	
26 28 13 00-0126 EA 300 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	748.00	10.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.20	
26 28 13 00-0127 EA 350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	800.56	12.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.23	
26 28 13 00-0128 EA 400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	737.02	12.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.23	
26 28 13 00-0129 EA 450 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	824.04	12.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.23	
26 28 13 00-0130 EA 500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	808.00	12.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.23	
26 28 13 00-0131 EA 600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	719.28	13.77
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 28 13 00-0132 EA 601 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	738.56	13.77
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 28 13 00-0133 EA 650 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	980.96	13.77
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 28 13 00-0134 EA 700 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	715.78	13.77
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.26	
26 28 13 00-0135 EA 750 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,097.92	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0136 EA 800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	633.80	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0137 EA 900 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	924.00	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0138 EA 1,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	623.20	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0139 EA 1,200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	641.64	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0140 EA 1,350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,422.28	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0141 EA 1,400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,402.35	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0142 EA 1,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,265.57	15.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.29	
26 28 13 00-0143 EA 1,600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	792.36	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0144 EA 1,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,675.00	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0145 EA 2,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,073.70	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0146 EA 2,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,450.12	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0147 EA 2,501 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	2,467.64	17.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.33	
26 28 13 00-0148 EA 3,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,616.52	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	
26 28 13 00-0149 EA 3,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,338.37	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	
26 28 13 00-0150 EA 3,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,872.98	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	
26 28 13 00-0151 EA 4,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	2,241.32	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	
26 28 13 00-0152 EA 5,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,534.67	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	
26 28 13 00-0153 EA 6,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	5,848.46	18.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.36	

**26 28 16 Enclosed Switches And Circuit Breakers (26 28)**

26 28 16 00-0001 Motor And Circuit Disconnects (26 28 16)  
 Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 00-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 00-0001)

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
**ARLINGTON**  
 VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0003			<b>Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small> <small>Note: Includes fuses and neutral bar.</small>		
26 28 16 00-0004			<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small>		
26 28 16 00-0005	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	262.39	68.86
26 28 16 00-0006	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	415.31	82.97
26 28 16 00-0007	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	572.79	97.09
26 28 16 00-0008	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	988.23	152.86
26 28 16 00-0009	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,111.70	237.56
26 28 16 00-0010	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,531.61	351.18
26 28 16 00-0011	EA		800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,825.42	413.15
26 28 16 00-0012	EA		1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,487.08	482.01
26 28 16 00-0013			<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small>		
26 28 16 00-0014	EA		30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	402.61	76.51
26 28 16 00-0015	EA		60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	485.77	92.20
26 28 16 00-0016	EA		100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	777.02	107.76
26 28 16 00-0017	EA		200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,147.61	170.08
26 28 16 00-0018	EA		400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,516.48	263.87
26 28 16 00-0019	EA		600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,925.38	390.01
26 28 16 00-0020	EA		800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	5,818.37	458.81
26 28 16 00-0021	EA		1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	7,959.65	535.58
26 28 16 00-0022			<b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small>		
26 28 16 00-0023	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	372.09	108.11
26 28 16 00-0024	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	550.15	143.57
26 28 16 00-0025	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	744.63	159.41
26 28 16 00-0026	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,178.20	249.61
26 28 16 00-0027	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,459.75	409.71
26 28 16 00-0028	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,011.40	573.94
26 28 16 00-0029			<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small>		
26 28 16 00-0030	EA		30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	488.68	119.47
26 28 16 00-0031	EA		60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	620.25	159.41
26 28 16 00-0032	EA		100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	920.21	179.37
26 28 16 00-0033	EA		200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,353.90	273.37
26 28 16 00-0034	EA		400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,034.36	441.39
26 28 16 00-0035	EA		600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,891.15	637.63
26 28 16 00-0036	EA		800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	7,812.15	757.45
26 28 16 00-0037	EA		1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	9,998.40	860.74
26 28 16 00-0038			<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0003)</small>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0039 EA 30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	360.12	108.11
26 28 16 00-0040 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	534.68	143.57
26 28 16 00-0041 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	716.47	159.41
26 28 16 00-0042 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,216.92	249.61
26 28 16 00-0043 EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,677.95	409.71
26 28 16 00-0044 EA 600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,339.66	573.94
26 28 16 00-0045 EA 800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	7,208.42	723.02
26 28 16 00-0046 EA 1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	8,895.50	826.31
<b>26 28 16 00-0047 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0043)</small></b>		
26 28 16 00-0048 EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	532.61	119.47
26 28 16 00-0049 EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	674.24	159.41
26 28 16 00-0050 EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	999.15	179.37
26 28 16 00-0051 EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,472.07	273.37
26 28 16 00-0052 EA 400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,286.50	441.39
26 28 16 00-0053 EA 600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	5,336.45	637.63
26 28 16 00-0054 EA 800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	8,551.46	757.45
26 28 16 00-0055 EA 1,200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	10,797.01	860.74
<b>26 28 16 00-0056 Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0052)</small></b>		
<b>26 28 16 00-0057 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small></b>		
26 28 16 00-0058 EA 30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	254.82	99.64
26 28 16 00-0059 EA 60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	397.05	138.61
26 28 16 00-0060 EA 100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	549.58	159.41
26 28 16 00-0061 EA 200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	860.59	255.06
26 28 16 00-0062 EA 400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,743.08	425.06
26 28 16 00-0063 EA 600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,858.75	579.65
26 28 16 00-0064 EA 800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,094.44	688.58
26 28 16 00-0065 EA 1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	5,414.62	803.64
<b>26 28 16 00-0066 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small></b>		
26 28 16 00-0067 EA 30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	281.47	109.97
26 28 16 00-0068 EA 60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	449.76	155.55
26 28 16 00-0069 EA 100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	621.41	177.11
26 28 16 00-0070 EA 200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	964.33	277.23
26 28 16 00-0071 EA 400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,875.50	455.43
26 28 16 00-0072 EA 600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,161.95	637.57
26 28 16 00-0073 EA 800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,546.37	688.58
26 28 16 00-0074 EA 1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,033.53	803.64
<b>26 28 16 00-0075 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small></b>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0076 EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	296.42	89.52
26 28 16 00-0077 EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	454.92	124.64
26 28 16 00-0078 EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	616.13	143.57
26 28 16 00-0079 EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	967.61	229.65
26 28 16 00-0080 EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,944.80	382.51
26 28 16 00-0081 EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,144.43	521.60
26 28 16 00-0082 EA 800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,438.25	619.73
26 28 16 00-0083 EA 1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,094.87	723.02
<b>26 28 16 00-0084 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0056)</small>		
26 28 16 00-0085 EA 30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	323.29	98.82
26 28 16 00-0086 EA 60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	500.00	140.13
26 28 16 00-0087 EA 100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	671.53	159.41
26 28 16 00-0088 EA 200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,043.85	249.61
26 28 16 00-0089 EA 400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,083.71	409.71
26 28 16 00-0090 EA 600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,398.84	573.94
26 28 16 00-0091 EA 800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,737.27	619.73
<b>26 28 16 00-0092 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0056)</small>		
26 28 16 00-0093 EA 30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	345.58	98.95
26 28 16 00-0094 EA 60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	538.02	139.99
26 28 16 00-0095 EA 100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	733.35	159.41
26 28 16 00-0096 EA 200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,139.08	249.47
26 28 16 00-0097 EA 400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,216.93	409.84
26 28 16 00-0098 EA 600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,793.10	573.80
26 28 16 00-0099 EA 800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,187.33	619.73
26 28 16 00-0100 EA 1,200 Amp, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,103.26	723.02
<b>26 28 16 00-0101 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0056)</small>		
26 28 16 00-0102 EA 30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	510.55	89.65
26 28 16 00-0103 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	615.51	124.78
26 28 16 00-0104 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	947.36	143.44
26 28 16 00-0105 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,420.62	229.51
<b>26 28 16 00-0106 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0056)</small>		
26 28 16 00-0107 EA 30 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	552.77	98.82
26 28 16 00-0108 EA 60 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	672.09	140.13
26 28 16 00-0109 EA 100 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,026.42	159.41
26 28 16 00-0110 EA 200 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,529.23	249.61



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0111		<b>600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0056)</small>		
26 28 16 00-0112	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	614.82	98.95
26 28 16 00-0113	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	740.53	139.99
26 28 16 00-0114	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,149.50	159.41
26 28 16 00-0115	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,708.52	249.47
26 28 16 00-0116		<b>General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0002)</small>		
		Note: Includes fuses and neutral bar.		
26 28 16 00-0117		<b>240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0116)</small>		
26 28 16 00-0118	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	181.14	59.91
26 28 16 00-0119	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	247.64	72.09
26 28 16 00-0120	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	383.00	84.29
26 28 16 00-0121	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	710.75	132.97
26 28 16 00-0122	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,699.02	206.24
26 28 16 00-0123	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,183.62	305.25
26 28 16 00-0124		<b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0116)</small>		
26 28 16 00-0125	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	249.44	94.13
26 28 16 00-0126	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	352.73	124.78
26 28 16 00-0127	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	491.65	138.61
26 28 16 00-0128	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	879.48	216.97
26 28 16 00-0129	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,000.99	356.41
26 28 16 00-0130	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,574.29	498.95
26 28 16 00-0131		<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0116)</small>		
26 28 16 00-0132	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	278.39	94.13
26 28 16 00-0133	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	399.41	124.78
26 28 16 00-0134	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	534.12	138.61
26 28 16 00-0135	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	986.49	216.97
26 28 16 00-0136	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,183.90	356.41
26 28 16 00-0137	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,690.23	498.95
26 28 16 00-0138		<b>General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0002)</small>		
26 28 16 00-0139		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0138)</small>		
26 28 16 00-0140	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	247.39	83.31
26 28 16 00-0141	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	330.45	95.78
26 28 16 00-0142	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	751.24	153.07
26 28 16 00-0143	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,616.90	254.78
26 28 16 00-0144	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,806.34	347.19

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0145		<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0138)</small>		
26 28 16 00-0146	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	233.77	77.95
26 28 16 00-0147	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	320.18	108.45
26 28 16 00-0148	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	490.13	124.78
26 28 16 00-0149	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	844.76	199.62
26 28 16 00-0150	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,773.32	332.73
26 28 16 00-0151	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,020.31	453.50
26 28 16 00-0152		<b>NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0001)</small>		
26 28 16 00-0153		<b>Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0152)</small>		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 00-0154		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0153)</small>		
26 28 16 00-0155	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	386.92	80.91
26 28 16 00-0156	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	617.93	97.09
26 28 16 00-0157	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	772.97	112.92
26 28 16 00-0158	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,130.92	172.14
26 28 16 00-0159	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,507.00	275.43
26 28 16 00-0160	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,402.67	367.36
26 28 16 00-0161	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,611.51	413.15
26 28 16 00-0162	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,765.95	482.01
26 28 16 00-0163		<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0153)</small>		
26 28 16 00-0164	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	668.30	107.83
26 28 16 00-0165	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	795.52	132.21
26 28 16 00-0166	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,131.88	151.83
26 28 16 00-0167	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,593.69	227.71
26 28 16 00-0168	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,477.56	372.59
26 28 16 00-0169	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,408.43	512.38
26 28 16 00-0170	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,434.56	589.98
26 28 16 00-0171	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,392.00	664.14
26 28 16 00-0172		<b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0153)</small>		
26 28 16 00-0173	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	491.71	127.39
26 28 16 00-0174	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	783.07	168.70
26 28 16 00-0175	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	945.21	185.23
26 28 16 00-0176	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,400.58	286.79
26 28 16 00-0177	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,039.81	478.23
26 28 16 00-0178	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,083.06	637.63



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 00-0179</b> 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <sup>(26 28 16 00-0153)</sup>		
26 28 16 00-0180 EA 30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	756.00	151.01
26 28 16 00-0181 EA 60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	901.63	185.09
26 28 16 00-0182 EA 100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,209.85	212.50
26 28 16 00-0183 EA 200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,756.73	318.82
26 28 16 00-0184 EA 400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,710.96	521.68
26 28 16 00-0185 EA 600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,720.56	717.30
26 28 16 00-0186 EA 800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,528.16	826.31
26 28 16 00-0187 EA 1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,410.21	929.59
<b>26 28 16 00-0188</b> 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <sup>(26 16 00-0153)</sup>		
26 28 16 00-0189 EA 30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	540.81	127.39
26 28 16 00-0190 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	784.49	168.70
26 28 16 00-0191 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,014.24	185.23
26 28 16 00-0192 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,446.62	286.79
26 28 16 00-0193 EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,082.04	478.23
26 28 16 00-0194 EA 600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,547.61	637.63
26 28 16 00-0195 EA 800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,285.92	723.02
26 28 16 00-0196 EA 1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,580.90	826.31
<b>26 28 16 00-0197</b> 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <sup>(26 16 00-0153)</sup>		
26 28 16 00-0198 EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	784.16	151.15
26 28 16 00-0199 EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	933.30	185.23
26 28 16 00-0200 EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,280.24	212.43
26 28 16 00-0201 EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,802.48	318.82
26 28 16 00-0202 EA 400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,876.36	521.60
26 28 16 00-0203 EA 600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,910.60	717.16
26 28 16 00-0204 EA 800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,126.58	826.31
26 28 16 00-0205 EA 1,200 Amp, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,199.01	929.59
<b>26 28 16 00-0206</b> Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <sup>(26 28 16 00-0152)</sup>		
<b>26 28 16 00-0207</b> 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <sup>(26 28 16 00-0206)</sup>		
26 28 16 00-0208 EA 30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	367.80	70.85
26 28 16 00-0209 EA 60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	602.02	98.12
26 28 16 00-0210 EA 100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	792.92	112.51
26 28 16 00-0211 EA 200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,052.28	182.20
26 28 16 00-0212 EA 400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,351.31	303.94
26 28 16 00-0213 EA 600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,300.30	405.23
26 28 16 00-0214 EA 800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,932.76	482.22

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0215	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	9,159.32	551.07
<b>26 28 16 00-0216</b>		<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0206)</small>		
26 28 16 00-0217	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	414.25	78.09
26 28 16 00-0218	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	682.40	109.27
26 28 16 00-0219	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	895.64	123.39
26 28 16 00-0220	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,168.79	191.29
26 28 16 00-0221	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	2,670.70	318.82
26 28 16 00-0222	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	4,643.94	425.06
26 28 16 00-0223	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	7,394.35	505.15
26 28 16 00-0224	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	9,765.82	573.80
<b>26 28 16 00-0225</b>		<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0206)</small>		
26 28 16 00-0226	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	438.64	106.25
26 28 16 00-0227	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	700.11	147.15
26 28 16 00-0228	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	905.43	168.77
26 28 16 00-0229	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,234.45	273.30
26 28 16 00-0230	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	2,690.59	455.85
26 28 16 00-0231	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	4,774.78	607.68
26 28 16 00-0232	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	7,492.29	723.02
26 28 16 00-0233	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	9,930.38	826.31
<b>26 28 16 00-0234</b>		<b>480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0206)</small>		
26 28 16 00-0235	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	476.49	117.06
26 28 16 00-0236	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	762.73	163.95
26 28 16 00-0237	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	978.66	185.09
26 28 16 00-0238	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,310.92	286.93
26 28 16 00-0239	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	2,862.22	478.16
26 28 16 00-0240	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	5,088.44	637.57
26 28 16 00-0241	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	7,992.89	757.45
26 28 16 00-0242	EA	1,200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	10,589.39	860.74
<b>26 28 16 00-0243</b>		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0206)</small>		
26 28 16 00-0244	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	252.53	117.06
26 28 16 00-0245	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	791.70	163.95
26 28 16 00-0246	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,019.05	185.09
26 28 16 00-0247	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,360.07	286.93
26 28 16 00-0248	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	2,989.49	478.16
26 28 16 00-0249	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	5,068.99	637.57
26 28 16 00-0250	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	7,981.99	757.45
26 28 16 00-0251	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	10,574.56	860.74





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0252	<b>General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0152)</small>	
	Note: With fuses, neutral bar, and hub if required.	
26 28 16 00-0253	<b>240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0252)</small>	
26 28 16 00-0254 EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	234.93 70.37
26 28 16 00-0255 EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	332.73 84.42
26 28 16 00-0256 EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	438.68 98.19
26 28 16 00-0257 EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	903.95 149.70
26 28 16 00-0258 EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,221.72 239.50
26 28 16 00-0259 EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,946.83 319.50
26 28 16 00-0260	<b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0252)</small>	
26 28 16 00-0261 EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	316.35 110.93
26 28 16 00-0262 EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	457.65 146.74
26 28 16 00-0263 EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	563.99 160.99
26 28 16 00-0264 EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,104.14 249.47
26 28 16 00-0265 EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,575.65 415.77
26 28 16 00-0266 EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,422.38 554.58
26 28 16 00-0267	<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0252)</small>	
26 28 16 00-0268 EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	356.93 110.86
26 28 16 00-0269 EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	498.34 146.74
26 28 16 00-0270 EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	695.00 160.99
26 28 16 00-0271 EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,188.75 249.47
26 28 16 00-0272 EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,630.01 415.84
26 28 16 00-0273 EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,846.70 554.58
26 28 16 00-0274 EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,939.95 628.26
26 28 16 00-0275	<b>General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0152)</small>	
26 28 16 00-0276	<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0275)</small>	
26 28 16 00-0277 EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	212.16 61.63
26 28 16 00-0278 EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	348.50 85.32
26 28 16 00-0279 EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	365.64 97.84
26 28 16 00-0280 EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	921.70 158.38
26 28 16 00-0281 EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,271.77 264.28
26 28 16 00-0282 EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,014.43 352.35
26 28 16 00-0283	<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 00-0275)</small>	
26 28 16 00-0284 EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	332.42 92.41

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0285	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	478.95	127.93
26 28 16 00-0286	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	704.69	146.74
26 28 16 00-0287	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....	1,212.54	237.63
26 28 16 00-0288		<b>NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0001)</small>		
26 28 16 00-0289		<b>Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0288)</small> Note: With fuses and neutral bar (stainless steel).		
26 28 16 00-0290		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0289)</small>		
26 28 16 00-0291	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,039.85	68.86
26 28 16 00-0292	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,249.10	82.97
26 28 16 00-0293	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,554.51	96.95
26 28 16 00-0294	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,531.56	153.00
26 28 16 00-0295	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	7,185.92	237.43
26 28 16 00-0296	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	10,328.38	351.05
26 28 16 00-0297		<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0289)</small>		
26 28 16 00-0298	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,320.52	76.51
26 28 16 00-0299	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,467.87	92.13
26 28 16 00-0300	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,761.68	107.69
26 28 16 00-0301	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,901.53	170.08
26 28 16 00-0302	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	7,461.14	264.00
26 28 16 00-0303	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	10,697.22	390.01
26 28 16 00-0304		<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0289)</small>		
26 28 16 00-0305	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,165.85	108.24
26 28 16 00-0306	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,460.60	143.44
26 28 16 00-0307	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,796.16	159.41
26 28 16 00-0308	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,972.86	249.47
26 28 16 00-0309	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	7,752.83	409.84
26 28 16 00-0310	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	11,064.86	573.80
26 28 16 00-0311		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0289)</small>		
26 28 16 00-0312	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,410.23	119.54
26 28 16 00-0313	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,606.35	159.41
26 28 16 00-0314	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,912.81	179.30
26 28 16 00-0315	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,118.92	273.24
26 28 16 00-0316	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	8,005.14	441.39
26 28 16 00-0317	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	11,390.16	637.57
26 28 16 00-0318		<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0289)</small>		
26 28 16 00-0319	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,395.40	108.24



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0320 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,747.57	143.44
26 28 16 00-0321 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,370.37	159.41
26 28 16 00-0322 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,758.07	249.47
26 28 16 00-0323 EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,298.22	409.84
26 28 16 00-0324 EA 600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	13,188.60	573.80
<b>26 28 16 00-0325 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small></b>		
26 28 16 00-0326 EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,681.48	119.54
26 28 16 00-0327 EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,913.93	159.41
26 28 16 00-0328 EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,498.93	179.30
26 28 16 00-0329 EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,910.69	273.24
26 28 16 00-0330 EA 400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,571.38	441.39
26 28 16 00-0331 EA 600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	13,542.85	637.57
<b>26 28 16 00-0332 Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0288)</small></b>		
<b>26 28 16 00-0333 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small></b>		
26 28 16 00-0334 EA 30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	997.49	68.86
26 28 16 00-0335 EA 60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,213.19	95.78
26 28 16 00-0336 EA 100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,289.22	110.18
26 28 16 00-0337 EA 200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,174.38	176.00
26 28 16 00-0338 EA 400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	5,781.29	293.06
26 28 16 00-0339 EA 600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	8,281.82	399.25
<b>26 28 16 00-0340 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small></b>		
26 28 16 00-0341 EA 30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,134.56	75.95
26 28 16 00-0342 EA 60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,382.28	107.42
26 28 16 00-0343 EA 100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,609.25	122.43
26 28 16 00-0344 EA 200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,608.16	191.29
26 28 16 00-0345 EA 400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,566.99	314.82
26 28 16 00-0346 EA 600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,433.86	440.70
<b>26 28 16 00-0347 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small></b>		
26 28 16 00-0348 EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,039.09	89.65
26 28 16 00-0349 EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,254.81	124.78
26 28 16 00-0350 EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,308.48	143.44
26 28 16 00-0351 EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,527.92	229.51
26 28 16 00-0352 EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,587.44	382.58
26 28 16 00-0353 EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	8,773.10	521.68

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0354		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0352)</small>		
26 28 16 00-0355	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,180.46	98.95
26 28 16 00-0356	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,447.41	139.99
26 28 16 00-0357	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,683.20	159.41
26 28 16 00-0358	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,724.50	249.47
26 28 16 00-0359	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	7,443.35	409.84
26 28 16 00-0360	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,981.68	573.80
26 28 16 00-0361		<b>240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0362)</small>		
26 28 16 00-0362	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,431.53	89.65
26 28 16 00-0363	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,715.11	124.78
26 28 16 00-0364	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,870.53	143.44
26 28 16 00-0365	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	5,903.61	229.51
26 28 16 00-0366		<b>600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0367)</small>		
26 28 16 00-0367	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,628.96	98.95
26 28 16 00-0368	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,954.91	139.99
26 28 16 00-0369	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,414.36	159.41
26 28 16 00-0370	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,721.32	249.47
26 28 16 00-0371		<b>Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0288)</small>		
26 28 16 00-0372		<b>600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0371)</small>		
26 28 16 00-0373	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,894.02	119.47
26 28 16 00-0374	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,157.09	159.41
26 28 16 00-0375	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,885.91	179.37
26 28 16 00-0376	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	5,054.82	273.37
26 28 16 00-0377		<b>600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0371)</small>		
26 28 16 00-0378	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,774.66	98.82
26 28 16 00-0379	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,032.33	140.13
26 28 16 00-0380	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,674.30	159.41
26 28 16 00-0381	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,991.81	249.61
26 28 16 00-0382		<b>Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0288)</small>		
26 28 16 00-0383		<b>600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0382)</small>		
26 28 16 00-0384	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,167.14	119.47
26 28 16 00-0385	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,462.70	159.41
26 28 16 00-0386	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,463.86	179.37



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 00-0387</b> 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0382)</small>		
26 28 16 00-0388 EA 30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,033.07	98.82
26 28 16 00-0389 EA 60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,321.69	140.13
26 28 16 00-0390 EA 100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,229.04	159.41
<b>26 28 16 00-0391</b> NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 00-0001)</small> Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
<b>26 28 16 00-0392</b> Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 00-0391)</small> Note: With fuses and neutral bar.		
26 28 16 00-0393 EA 30 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,710.49	137.72
26 28 16 00-0394 EA 60 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,762.96	163.95
26 28 16 00-0395 EA 100 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,140.95	185.09
26 28 16 00-0396 EA 200 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	4,551.71	286.93
<b>26 28 16 00-0397</b> Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0391)</small>		
26 28 16 00-0398 EA 60 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,323.96	163.95
26 28 16 00-0399 EA 100 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,549.96	185.09
26 28 16 00-0400 EA 200 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,853.78	286.93
<b>26 28 16 00-0401</b> NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0001)</small>		
<b>26 28 16 00-0402</b> Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0401)</small> Note: With fuses and neutral bar.		
<b>26 28 16 00-0403</b> 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0404 EA 30 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	375.98	68.86
26 28 16 00-0405 EA 60 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	491.55	82.97
26 28 16 00-0406 EA 100 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	672.06	97.09
26 28 16 00-0407 EA 200 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,134.38	152.86
26 28 16 00-0408 EA 400 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,428.11	237.56
26 28 16 00-0409 EA 600 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,390.31	351.18
<b>26 28 16 00-0410</b> 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0411 EA 30 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	592.94	76.44
26 28 16 00-0412 EA 60 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	610.27	92.27
26 28 16 00-0413 EA 100 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	881.11	107.76
26 28 16 00-0414 EA 200 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,378.40	170.08
26 28 16 00-0415 EA 400 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,016.22	263.73
26 28 16 00-0416 EA 600 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,977.52	390.08
<b>26 28 16 00-0417</b> 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0418 EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	521.49	108.11
26 28 16 00-0419 EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	722.93	143.57
26 28 16 00-0420 EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	989.88	159.41
26 28 16 00-0421 EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,470.26	249.61
26 28 16 00-0422 EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,892.62	409.71
26 28 16 00-0423 EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,650.80	573.94

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0424		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0402)</small>		
26 28 16 00-0425	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	696.61	119.47
26 28 16 00-0426	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	786.86	159.41
26 28 16 00-0427	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,164.56	179.37
26 28 16 00-0428	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,693.80	273.37
26 28 16 00-0429	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,561.01	441.39
26 28 16 00-0430	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,716.03	637.63
26 28 16 00-0431		<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0402)</small>		
26 28 16 00-0432	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	557.91	108.11
26 28 16 00-0433	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	747.95	143.57
26 28 16 00-0434	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,068.41	159.41
26 28 16 00-0435	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,568.85	249.61
26 28 16 00-0436	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,156.58	409.71
26 28 16 00-0437	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,829.12	573.94
26 28 16 00-0438		<b>600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0402)</small>		
26 28 16 00-0439	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	738.83	119.47
26 28 16 00-0440	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	899.48	159.41
26 28 16 00-0441	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,241.99	179.37
26 28 16 00-0442	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,841.61	273.37
26 28 16 00-0443	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,800.32	441.39
26 28 16 00-0444	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,913.10	637.63
26 28 16 00-0445		<b>Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0401)</small>		
26 28 16 00-0446		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0445)</small>		
26 28 16 00-0447	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	393.70	99.50
26 28 16 00-0448	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	521.68	138.75
26 28 16 00-0449	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	693.29	159.41
26 28 16 00-0450	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	987.02	255.12
26 28 16 00-0451	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,179.54	425.21
26 28 16 00-0452	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,457.45	579.79
26 28 16 00-0453		<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 00-0445)</small>		
26 28 16 00-0454	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	438.91	109.83
26 28 16 00-0455	EA	60 Amp, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase.....	579.72	155.62
26 28 16 00-0456	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	772.74	176.97
26 28 16 00-0457	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,072.41	277.16
26 28 16 00-0458	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,307.39	455.50
26 28 16 00-0459	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,820.07	637.63



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 00-0460</b> 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0461 EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	506.93	89.52
26 28 16 00-0462 EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	666.16	124.64
26 28 16 00-0463 EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	889.65	143.57
26 28 16 00-0464 EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,266.96	229.65
26 28 16 00-0465 EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,680.68	382.51
26 28 16 00-0466 EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,239.92	521.60
<b>26 28 16 00-0467</b> 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0468 EA 30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	494.91	98.82
26 28 16 00-0469 EA 60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	719.83	140.13
26 28 16 00-0470 EA 100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	952.27	159.41
26 28 16 00-0471 EA 200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,248.59	249.61
26 28 16 00-0472 EA 400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,688.51	409.71
26 28 16 00-0473 EA 600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,054.09	573.94
<b>26 28 16 00-0474</b> 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0475 EA 30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	611.11	89.52
26 28 16 00-0476 EA 60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	725.41	124.64
26 28 16 00-0477 EA 100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,132.38	143.57
26 28 16 00-0478 EA 200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,795.42	229.65
26 28 16 00-0479 EA 400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,262.00	292.65
<b>26 28 16 00-0480</b> 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0481 EA 30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	634.27	98.82
26 28 16 00-0482 EA 60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	790.22	140.13
26 28 16 00-0483 EA 100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,209.18	159.41
26 28 16 00-0484 EA 200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,843.34	249.61
26 28 16 00-0485 EA 400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,461.62	385.61
<b>26 28 16 00-0486</b> Double Throw Safety Switches <small>(26 28 16 00-0001)</small>		
<b>26 28 16 00-0487</b> NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0486)</small>		
<b>26 28 16 00-0488</b> 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0487)</small>		
26 28 16 00-0489 EA 30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	471.77	88.49
26 28 16 00-0490 EA 60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	698.23	115.68
26 28 16 00-0491 EA 100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	980.35	151.15
26 28 16 00-0492 EA 200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,307.74	196.59
26 28 16 00-0493 EA 400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,175.39	245.82
26 28 16 00-0494 EA 600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,781.66	394.21
<b>26 28 16 00-0495</b> 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0487)</small>		
26 28 16 00-0496 EA 30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	594.24	123.94
26 28 16 00-0497 EA 60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	830.45	161.82
26 28 16 00-0498 EA 100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,252.90	211.74

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0499 EA 200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,842.92	275.43
26 28 16 00-0500 EA 400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,375.18	344.30
26 28 16 00-0501 EA 600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,098.92	550.87
<b>26 28 16 00-0502 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0487)</small>		
26 28 16 00-0503 EA 30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	790.43	154.93
26 28 16 00-0504 EA 60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,152.00	202.45
26 28 16 00-0505 EA 100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,052.74	264.42
26 28 16 00-0506 EA 200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,813.52	343.61
26 28 16 00-0507 EA 400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,693.36	430.37
26 28 16 00-0508 EA 600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,190.43	689.62
<b>26 28 16 00-0509 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0487)</small>		
26 28 16 00-0510 EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	808.00	115.68
26 28 16 00-0511 EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,217.03	151.15
26 28 16 00-0512 EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,796.28	196.59
26 28 16 00-0513 EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,255.45	245.82
26 28 16 00-0514 EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,287.35	394.21
<b>26 28 16 00-0515 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0487)</small>		
26 28 16 00-0516 EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	900.16	161.82
26 28 16 00-0517 EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,337.86	211.74
26 28 16 00-0518 EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,953.31	275.43
26 28 16 00-0519 EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,452.23	343.30
26 28 16 00-0520 EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,601.64	550.87
<b>26 28 16 00-0521 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0487)</small>		
26 28 16 00-0522 EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,220.67	202.45
26 28 16 00-0523 EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,152.17	264.42
26 28 16 00-0524 EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,018.72	343.61
26 28 16 00-0525 EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,130.94	430.37
26 28 16 00-0526 EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,680.61	689.62
<b>26 28 16 00-0527 NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0486)</small>		
<b>26 28 16 00-0528 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0529 EA 100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,229.19	151.15
26 28 16 00-0530 EA 200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,835.09	196.59
26 28 16 00-0531 EA 400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	9,328.10	245.82
26 28 16 00-0532 EA 600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	16,069.06	394.21
<b>26 28 16 00-0533 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0534 EA 100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,609.73	211.40
26 28 16 00-0535 EA 200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,605.98	275.09
26 28 16 00-0536 EA 400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	9,608.14	344.30
26 28 16 00-0537 EA 600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	10,422.83	551.91
<b>26 28 16 00-0538 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0539 EA 30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,556.69	155.00
26 28 16 00-0540 EA 60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,929.27	202.30
26 28 16 00-0541 EA 100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,707.47	264.35
26 28 16 00-0542 EA 200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,919.30	343.75
26 28 16 00-0543 EA 400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,671.31	430.37
26 28 16 00-0544 EA 600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,762.55	689.69
<b>26 28 16 00-0545 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0546 EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,043.84	115.68
26 28 16 00-0547 EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,591.43	151.15
26 28 16 00-0548 EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,905.40	196.59
26 28 16 00-0549 EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,604.50	245.82
26 28 16 00-0550 EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,482.66	394.21





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 00-0551</b> <b>600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0552 EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,179.22	161.82
26 28 16 00-0553 EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,780.27	211.40
26 28 16 00-0554 EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,194.62	275.09
26 28 16 00-0555 EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,070.39	344.30
26 28 16 00-0556 EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	8,148.84	551.91
<b>26 28 16 00-0557</b> <b>600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0527)</small>		
26 28 16 00-0558 EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,945.19	202.30
26 28 16 00-0559 EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,714.77	264.35
26 28 16 00-0560 EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,020.64	343.75
26 28 16 00-0561 EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,659.34	430.37
26 28 16 00-0562 EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,828.50	689.69
<b>26 28 16 00-0563</b> <b>NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0486)</small>		
<b>26 28 16 00-0564</b> <b>240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0565 EA 30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,249.56	88.55
26 28 16 00-0566 EA 60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,413.80	115.61
26 28 16 00-0567 EA 100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,597.59	151.08
26 28 16 00-0568 EA 200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,197.43	196.45
26 28 16 00-0569 EA 400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,118.70	245.89
26 28 16 00-0570 EA 600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,036.49	394.08
<b>26 28 16 00-0571</b> <b>240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0572 EA 30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,433.56	123.94
26 28 16 00-0573 EA 60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,694.04	161.82
26 28 16 00-0574 EA 100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,008.28	211.40
26 28 16 00-0575 EA 200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,802.11	275.09
26 28 16 00-0576 EA 400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,123.98	344.30
26 28 16 00-0577 EA 600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,760.56	551.91
<b>26 28 16 00-0578</b> <b>240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0579 EA 30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,145.05	155.00
26 28 16 00-0580 EA 60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,507.49	202.30
26 28 16 00-0581 EA 100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,439.24	264.35
26 28 16 00-0582 EA 200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,673.55	343.75
26 28 16 00-0583 EA 400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,673.63	430.37
26 28 16 00-0584 EA 600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	10,760.49	689.69
<b>26 28 16 00-0585</b> <b>600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0586 EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,869.11	115.61
26 28 16 00-0587 EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,962.32	151.08
26 28 16 00-0588 EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,729.99	196.45
26 28 16 00-0589 EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,386.64	245.89
26 28 16 00-0590 EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,225.98	394.08
<b>26 28 16 00-0591</b> <b>600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0592 EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,047.78	161.82
26 28 16 00-0593 EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,170.62	211.40
26 28 16 00-0594 EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,062.48	275.09
26 28 16 00-0595 EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,840.86	344.30
26 28 16 00-0596 EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,878.37	551.91
<b>26 28 16 00-0597</b> <b>600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 00-0563)</small>		
26 28 16 00-0598 EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,533.43	202.30
26 28 16 00-0599 EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,630.58	264.35
26 28 16 00-0600 EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,786.33	343.75
26 28 16 00-0601 EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,916.38	430.37
26 28 16 00-0602 EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	11,082.25	689.69

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0603			<b>Removal And Reinstallation Of Disconnect Switches</b> (26 28 16 00-0001) Note: Includes storage and cleaning.		
26 28 16 00-0604	EA		Up To 100 Amp, Remove And Reinstall Safety Disconnect Switch .....	344.30	
26 28 16 00-0605	EA		>100 To 200 Amp, Remove And Reinstall Safety Disconnect Switch.....	447.60	
26 28 16 00-0606	EA		>200 To 300 Amp, Remove And Reinstall Safety Disconnect Switch.....	499.26	
26 28 16 00-0607	EA		>300 To 400 Amp, Remove And Reinstall Safety Disconnect Switch.....	585.34	
26 28 16 00-0608			<b>Bolted Contact Switches</b> (26 28 16) Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 00-0609			<b>Electrical Trip, Bolted Contact Switches</b> (26 28 16 00-0608)		
26 28 16 00-0610			<b>Top Feed, Electrical Trip, Bolted Contact Switches</b> (26 28 16 00-0609)		
26 28 16 00-0611	EA		800 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480) .....	5,194.97	688.58
26 28 16 00-0612	EA		1,200 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480) .....	5,634.21	826.31
26 28 16 00-0613	EA		1,600 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480) .....	6,139.59	964.02
26 28 16 00-0614	EA		2,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480) .....	6,493.78	1,101.74
26 28 16 00-0615	EA		2,500 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480) .....	7,333.07	1,239.46
26 28 16 00-0616	EA		3,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480) .....	9,174.05	1,377.17
26 28 16 00-0617	EA		4,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480) .....	12,339.41	1,652.61
26 28 16 00-0618			<b>Bottom Feed, Electrical Trip, Bolted Contact Switches</b> (26 28 16 00-0609)		
26 28 16 00-0619	EA		800 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480) .....	5,500.52	688.58
26 28 16 00-0620	EA		1,200 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480) .....	5,999.61	826.31
26 28 16 00-0621	EA		1,600 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480) .....	6,501.84	964.02
26 28 16 00-0622	EA		2,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480) .....	7,013.53	1,101.74
26 28 16 00-0623	EA		2,500 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480) .....	7,893.77	1,239.46
26 28 16 00-0624	EA		3,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480) .....	10,226.15	1,377.17
26 28 16 00-0625	EA		4,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480) .....	13,435.61	1,652.61
26 28 16 00-0626			<b>Manually Operated, Bolted Contact Switches</b> (26 28 16 00-0608)		
26 28 16 00-0627			<b>Top Feed, Manually Operated, Bolted Contact Switches</b> (26 28 16 00-0626)		
26 28 16 00-0628	EA		800 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480) .....	3,821.57	688.58
26 28 16 00-0629	EA		1,200 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480) .....	4,277.19	826.31
26 28 16 00-0630	EA		1,600 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480) .....	4,758.63	964.02
26 28 16 00-0631	EA		2,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480) .....	5,236.30	1,101.74
26 28 16 00-0632	EA		2,500 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480) .....	5,745.47	1,239.46
26 28 16 00-0633	EA		3,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480) .....	7,586.45	1,377.17
26 28 16 00-0634	EA		4,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480) .....	10,714.01	1,652.61
26 28 16 00-0635			<b>Bottom Feed, Manually Operated, Bolted Contact Switches</b> (26 28 16 00-0626)		
26 28 16 00-0636	EA		800 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480) .....	4,023.80	688.58
26 28 16 00-0637	EA		1,200 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480) .....	4,582.74	826.31
26 28 16 00-0638	EA		1,600 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480) .....	5,054.73	964.02
26 28 16 00-0639	EA		2,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480) .....	5,627.53	1,101.74
26 28 16 00-0640	EA		2,500 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480) .....	6,236.87	1,239.46
26 28 16 00-0641	EA		3,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480) .....	8,559.80	1,377.17
26 28 16 00-0642	EA		4,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480) .....	11,734.61	1,652.61
26 29			<b>Low-Voltage Controllers</b> (26 29)		
26 29 13			<b>Enclosed Controllers</b> (26 29)		
26 29 13 13			<b>Across-The-Line Motor Controllers</b> (26 29 13)		
26 29 13 13-0001			<b>Manual Motor Starters</b> (26 29 13 13)		
26 29 13 13-0002			<b>Fractional HP Manual Motor Starters</b> (26 29 13 13-0001)		
26 29 13 13-0003	EA		NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1) .....	130.27	34.50
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct .....	-1.71	
			For Oversized Enclosure, Add .....	17.10	
			For Pilot Light, Add .....	25.08	
26 29 13 13-0004	EA		NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2) .....	170.65	44.85
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct .....	-1.71	
			For Oversized Enclosure, Add .....	17.10	
			For Pilot Light, Add .....	25.08	
26 29 13 13-0005	EA		NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3) .....	147.37	34.50
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct .....	-1.71	
			For Oversized Enclosure, Add .....	17.10	
			For Pilot Light, Add .....	25.08	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Controllers	26 29	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4) .....	187.75	44.85
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-1.71	
		<i>For Oversized Enclosure, Add</i>	17.10	
		<i>For Pilot Light, Add</i>	25.08	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5) .....	137.68	34.50
		<i>For Oversized Enclosure, Add</i>	17.10	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6) .....	180.34	44.85
		<i>For Oversized Enclosure, Add</i>	17.10	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1) .....	277.46	41.39
		<i>For Pilot Light, Add</i>	65.55	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2) .....	319.53	51.74
		<i>For Pilot Light, Add</i>	65.55	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1) .....	294.56	41.39
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2) .....	334.92	51.74
<b>26 29 13 13-0013 Non Reversing Manual Motor Starters (26 29 13 13-0001)</b>				
26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) .....	105.29	34.50
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) .....	171.65	44.85
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) .....	118.79	37.95
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) .....	185.69	48.30
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) .....	121.24	34.50
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) .....	188.15	44.85
		Note: NEMA 1 or flush cover plate installation.		
		<i>For Oversize Enclosure, Add</i>	8.25	
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1) .....	255.50	41.39
		<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2) .....	315.79	51.74
		<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5) .....	269.55	44.85
		<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6) .....	328.20	55.20
		<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1) .....	270.90	41.39
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2) .....	335.59	51.74
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1) .....	76.90	24.15
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2) .....	143.24	34.50
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5) .....	90.40	27.60
		<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6) .....	156.74	37.95
		<i>For Pilot Light, Add</i>	39.60	
<b>26 29 13 13-0030 Reversing Manual Motor Starters (26 29 13 13-0001)</b>				

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0031	EA		NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11) .....	282.04	62.10
			<i>For Pilot Light, Add</i>	63.80	
26 29 13 13-0032	EA		NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22) .....	408.14	82.80
			<i>For Pilot Light, Add</i>	63.80	
<b>26 29 13 13-0033</b>			<b>Two Speed Manual Motor Starters</b> <small>(26 29 13 13-0001)</small>		
26 29 13 13-0034	EA		NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11) .....	282.04	62.10
26 29 13 13-0035	EA		NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22) .....	408.14	82.80
<b>26 29 13 13-0036</b>			<b>Non-Reversing Integral HP Manual Motor Starters</b> <small>(26 29 13 13-0001)</small>		
26 29 13 13-0037	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1) .....	257.80	41.39
26 29 13 13-0038	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1) .....	257.80	41.39
26 29 13 13-0039	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11) .....	531.51	48.30
26 29 13 13-0040	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1) .....	531.51	48.30
26 29 13 13-0041	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1) .....	693.39	48.30
26 29 13 13-0042	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1) .....	328.02	48.30
26 29 13 13-0043	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1) .....	220.00	31.05
26 29 13 13-0044	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1) .....	305.74	44.85
26 29 13 13-0045	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1) .....	305.74	44.85
26 29 13 13-0046	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11) .....	635.88	51.74
26 29 13 13-0047	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1) .....	635.88	51.74
26 29 13 13-0048	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1) .....	810.30	51.74
26 29 13 13-0049	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1) .....	375.96	51.74
26 29 13 13-0050	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1) .....	267.93	34.50
26 29 13 13-0051	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2) .....	400.98	48.30
26 29 13 13-0052	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2) .....	400.98	48.30
26 29 13 13-0053	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12) .....	755.65	55.20
26 29 13 13-0054	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2) .....	755.65	55.20
26 29 13 13-0055	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2) .....	922.66	55.20
26 29 13 13-0056	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2) .....	472.93	55.20
26 29 13 13-0057	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2) .....	364.89	37.95
26 29 13 13-0058	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2) .....	319.25	51.74
26 29 13 13-0059	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2) .....	319.25	51.74
26 29 13 13-0060	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12) .....	592.97	58.64
26 29 13 13-0061	EA		NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2) .....	592.97	58.64
26 29 13 13-0062	EA		NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2) .....	759.41	58.64
26 29 13 13-0063	EA		Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2) .....	390.05	58.64
26 29 13 13-0064	EA		Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2) .....	283.17	41.39
26 29 13 13-0065	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3) .....	367.20	55.20
26 29 13 13-0066	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3) .....	367.20	55.20
26 29 13 13-0067	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13) .....	697.34	62.10
26 29 13 13-0068	EA		NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3) .....	697.34	62.10
26 29 13 13-0069	EA		NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3) .....	875.75	62.10
26 29 13 13-0070	EA		Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3) .....	437.42	62.10



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Controllers</b>	<b>26 29</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0071 EA Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3) .....	329.40	44.85
<b>26 29 13 13-0072 Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)</b>		
26 29 13 13-0073 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1) .....	742.55	72.45
26 29 13 13-0074 EA NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1) .....	742.55	72.45
26 29 13 13-0075 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1) .....	652.70	51.74
26 29 13 13-0076 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1) .....	877.76	79.34
26 29 13 13-0077 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1) .....	787.91	58.64
<b>26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters (26 29 13 13-0001)</b>		
26 29 13 13-0079 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1) .....	742.55	72.45
26 29 13 13-0080 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1) .....	652.70	51.74
26 29 13 13-0081 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1) .....	877.76	79.34
26 29 13 13-0082 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1) .....	787.91	58.64
<b>26 29 13 13-0083 Magnetic Motor Starters (26 29 13 13)</b>		
<b>26 29 13 13-0084 Non Reversing, Magnetic Contactors (26 29 13 13-0083)</b>		
<b>26 29 13 13-0085 Open Enclosure, Non Reversing, Magnetic Contactors (26 29 13 13-0084)</b>		
26 29 13 13-0086 EA Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11) .....	301.59	68.99
<i>For Factory Installed Accessory, Deduct</i>	-138.00	
26 29 13 13-0087 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12) .....	339.32	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0088 EA Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5) .....	325.53	68.99
<i>For Factory Installed Accessory, Deduct</i>	-138.00	
26 29 13 13-0089 EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1) .....	363.83	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0090 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2) .....	401.57	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0091 EA Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3) .....	507.38	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0092 EA Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4) .....	638.26	124.19
<i>For Factory Installed Accessory, Deduct</i>	-248.38	
26 29 13 13-0093 EA Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5) .....	379.22	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0094 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1) .....	416.96	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0095 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2) .....	455.84	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0096 EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3) .....	582.92	120.74
<i>For Factory Installed Accessory, Deduct</i>	-241.49	
26 29 13 13-0097 EA Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4) .....	713.23	141.44
<i>For Factory Installed Accessory, Deduct</i>	-282.88	
26 29 13 13-0098 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1) .....	636.98	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0099 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2) .....	709.73	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0100 EA Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3) .....	925.21	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0101 EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1) .....	953.69	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0102 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2) .....	1,088.23	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0103	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3).....	1,384.09	172.49
			<i>For Factory Installed Accessory, Deduct</i>	-344.98	
26 29 13 13-0104	EA		Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4).....	1,972.93	206.99
			<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0105	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1).....	2,147.32	172.49
			<i>For Factory Installed Accessory, Deduct</i>	-344.98	
26 29 13 13-0106	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2).....	2,362.81	206.99
			<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0107	EA		Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3).....	3,194.46	241.49
			<i>For Factory Installed Accessory, Deduct</i>	-482.97	
26 29 13 13-0108	EA		Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1).....	4,319.62	206.99
			<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0109	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2).....	4,799.04	275.98
			<i>For Factory Installed Accessory, Deduct</i>	-551.97	
26 29 13 13-0110	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2).....	12,421.18	413.98
			<i>For Factory Installed Accessory, Deduct</i>	-827.95	
26 29 13 13-0111	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2).....	17,787.89	620.96
			<i>For Factory Installed Accessory, Deduct</i>	-1,241.93	
<b>26 29 13 13-0112</b>			<b>NEMA 1, Non Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
26 29 13 13-0113	EA		Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11).....	319.26	68.99
			<i>For Factory Installed Accessory, Deduct</i>	-138.00	
26 29 13 13-0114	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12).....	356.99	75.89
			<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0115	EA		Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5).....	343.20	68.99
			<i>For Factory Installed Accessory, Deduct</i>	-138.00	
26 29 13 13-0116	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1).....	382.07	75.89
			<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0117	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2).....	419.81	82.80
			<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0118	EA		Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3).....	526.76	103.49
			<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0119	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4).....	658.21	124.19
			<i>For Factory Installed Accessory, Deduct</i>	-248.38	
26 29 13 13-0120	EA		Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5).....	398.03	75.89
			<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0121	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1).....	436.91	82.80
			<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0122	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2).....	474.65	89.70
			<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0123	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3).....	602.30	120.74
			<i>For Factory Installed Accessory, Deduct</i>	-241.49	
26 29 13 13-0124	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4).....	732.04	141.44
			<i>For Factory Installed Accessory, Deduct</i>	-282.88	
26 29 13 13-0125	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1).....	721.34	82.80
			<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0126	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2).....	794.66	103.49
			<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0127	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3).....	1,009.57	138.00
			<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0128	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1).....	1,119.56	103.49
			<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0129	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2).....	1,253.53	138.00
			<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0130	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3).....	1,549.96	172.49
			<i>For Factory Installed Accessory, Deduct</i>	-344.98	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Controllers</b>	<b>26 29</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1) .....	2,491.03	172.49
		<i>For Factory Installed Accessory, Deduct</i> .....	-344.98	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2) .....	2,706.52	206.99
		<i>For Factory Installed Accessory, Deduct</i> .....	-413.98	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2) .....	5,425.47	275.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-551.97	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2) .....	15,175.99	413.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-827.95	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2) .....	20,550.68	620.96
		<i>For Factory Installed Accessory, Deduct</i> .....	-1,241.93	
<b>26 29 13 13-0136</b>		<b>NEMA 12, Non Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1) .....	479.54	75.89
		<i>For Factory Installed Accessory, Deduct</i> .....	-151.79	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2) .....	517.28	82.80
		<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2) .....	572.12	89.70
		<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1) .....	899.18	82.80
		<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2) .....	973.07	103.49
		<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1) .....	1,330.46	103.49
		<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2) .....	1,463.86	138.00
		<i>For Factory Installed Accessory, Deduct</i> .....	-275.98	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2) .....	3,404.77	206.99
		<i>For Factory Installed Accessory, Deduct</i> .....	-413.98	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2) .....	7,212.42	275.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-551.97	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2) .....	17,367.07	413.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-827.95	
<b>26 29 13 13-0147</b>		<b>NEMA 4/4X, Non Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
		Note: Brushed stainless steel enclosure.		
26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12) .....	704.24	82.80
		<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11) .....	729.32	82.80
		<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12) .....	767.06	89.70
		<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13) .....	894.71	120.74
		<i>For Factory Installed Accessory, Deduct</i> .....	-241.49	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12) .....	1,379.48	103.49
		<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12) .....	2,081.17	138.00
		<i>For Factory Installed Accessory, Deduct</i> .....	-275.98	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12) .....	4,119.55	206.99
		<i>For Factory Installed Accessory, Deduct</i> .....	-413.98	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12) .....	7,212.42	275.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-551.97	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2) .....	19,234.39	413.98
		<i>For Factory Installed Accessory, Deduct</i> .....	-827.95	
<b>26 29 13 13-0157</b>		<b>NEMA 7/9, Non Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
		Note: Bolted cast iron enclosure.		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13	13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2) ..... <i>For Factory Installed Accessory, Deduct</i>	1,400.68 -220.78	110.40
<b>26 29 13</b>	<b>13-0159</b>		<b>Non Reversing, Magnetic Starters</b> <small>(26 29 13 13-0083)</small>		
<b>26 29 13</b>	<b>13-0160</b>		<b>Open Enclosure, Non Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13	13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11) ..... <i>For Factory Installed Accessory, Deduct</i>	358.02 -138.00	68.99
26 29 13	13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12) ..... <i>For Factory Installed Accessory, Deduct</i>	371.81 -151.79	75.89
26 29 13	13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1) ..... <i>For Factory Installed Accessory, Deduct</i>	399.74 -151.79	75.89
26 29 13	13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2) ..... <i>For Factory Installed Accessory, Deduct</i>	442.04 -165.59	82.80
26 29 13	13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4) ..... <i>For Factory Installed Accessory, Deduct</i>	709.51 -248.38	124.19
26 29 13	13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1) ..... <i>For Factory Installed Accessory, Deduct</i>	454.58 -165.59	82.80
26 29 13	13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3) ..... <i>For Factory Installed Accessory, Deduct</i>	532.79 -179.39	89.70
26 29 13	13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2) ..... <i>For Factory Installed Accessory, Deduct</i>	556.73 -179.39	89.70
26 29 13	13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6) ..... <i>For Factory Installed Accessory, Deduct</i>	688.85 -165.59	82.80
26 29 13	13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1) ..... <i>For Factory Installed Accessory, Deduct</i>	783.26 -206.99	103.49
26 29 13	13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1) ..... <i>For Factory Installed Accessory, Deduct</i>	1,209.64 -275.98	138.00
26 29 13	13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1) ..... <i>For Factory Installed Accessory, Deduct</i>	2,549.77 -413.98	206.99
26 29 13	13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1) ..... <i>For Factory Installed Accessory, Deduct</i>	5,768.61 -551.97	275.98
26 29 13	13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2) ..... <i>For Factory Installed Accessory, Deduct</i>	13,228.87 -827.95	413.98
26 29 13	13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2) ..... <i>For Factory Installed Accessory, Deduct</i>	19,060.13 -1,241.93	620.96
<b>26 29 13</b>	<b>13-0176</b>		<b>NEMA 1, Non Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13	13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11) ..... <i>For Factory Installed Accessory, Deduct</i>	376.83 -138.00	68.99
26 29 13	13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12) ..... <i>For Factory Installed Accessory, Deduct</i>	390.62 -151.79	75.89
26 29 13	13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1) ..... <i>For Factory Installed Accessory, Deduct</i>	418.55 -151.79	75.89
26 29 13	13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2) ..... <i>For Factory Installed Accessory, Deduct</i>	460.85 -165.59	82.80
26 29 13	13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1) ..... <i>For Factory Installed Accessory, Deduct</i>	472.82 -165.59	82.80
26 29 13	13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3) ..... <i>For Factory Installed Accessory, Deduct</i>	515.69 -179.39	89.70
26 29 13	13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2) ..... <i>For Factory Installed Accessory, Deduct</i>	576.11 -179.39	89.70
26 29 13	13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6) ..... <i>For Factory Installed Accessory, Deduct</i>	773.78 -165.59	82.80
26 29 13	13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1) ..... <i>For Factory Installed Accessory, Deduct</i>	868.19 -206.99	103.49





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Controllers</b>	<b>26 29</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0186 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1).....	1,375.51	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0187 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1).....	2,893.48	206.99
<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0188 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1).....	6,396.75	275.98
<i>For Factory Installed Accessory, Deduct</i>	-551.97	
<b>26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters (26 29 13 13-0159)</b>		
26 29 13 13-0190 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1).....	516.02	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0191 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2).....	558.32	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0192 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1).....	570.29	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0193 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3).....	613.16	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0194 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2).....	673.58	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0195 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6).....	952.19	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0196 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1).....	1,046.03	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0197 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1).....	1,585.84	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0198 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1).....	3,591.16	206.99
<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0199 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1).....	8,181.99	275.98
<i>For Factory Installed Accessory, Deduct</i>	-551.97	
26 29 13 13-0200 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2).....	19,482.34	413.98
<i>For Factory Installed Accessory, Deduct</i>	-827.95	
<b>26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters (26 29 13 13-0159)</b>		
26 29 13 13-0202 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1).....	516.02	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0203 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2).....	558.32	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0204 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1).....	570.29	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0205 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3).....	613.16	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0206 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2).....	673.58	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0207 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6).....	952.19	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0208 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1).....	1,046.03	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0209 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1).....	1,585.84	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0210 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1).....	3,591.16	206.99
<i>For Factory Installed Accessory, Deduct</i>	-413.98	
<b>26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters (26 29 13 13-0159)</b>		
Note: Bolted cast aluminum enclosure.		
26 29 13 13-0212 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4).....	1,460.09	117.29
<i>For Factory Installed Accessory, Deduct</i>	-234.59	
26 29 13 13-0213 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1).....	1,791.83	117.29
<i>For Factory Installed Accessory, Deduct</i>	-234.59	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0214 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3).....	1,846.66	124.19
<i>For Factory Installed Accessory, Deduct</i>	-248.38	
26 29 13 13-0215 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1).....	2,856.37	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0216 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43).....	3,445.21	172.49
<i>For Factory Installed Accessory, Deduct</i>	-344.98	
26 29 13 13-0217 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41).....	5,486.43	241.49
<i>For Factory Installed Accessory, Deduct</i>	-482.97	
<b>26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters</b> (26 29 13 13-0159)		
Note: Brushed stainless steel enclosure.		
26 29 13 13-0219 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11).....	702.41	75.89
<i>For Factory Installed Accessory, Deduct</i>	-151.79	
26 29 13 13-0220 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12).....	745.28	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0221 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11).....	765.23	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0222 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13).....	808.10	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0223 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12).....	868.52	89.70
<i>For Factory Installed Accessory, Deduct</i>	-179.39	
26 29 13 13-0224 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16).....	1,357.46	82.80
<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0225 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11).....	2,202.58	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0226 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11).....	4,305.37	206.99
<i>For Factory Installed Accessory, Deduct</i>	-413.98	
26 29 13 13-0227 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11).....	9,555.12	275.98
<i>For Factory Installed Accessory, Deduct</i>	-551.97	
<b>26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters</b> (26 29 13 13-0159)		
Note: Glass polyester enclosure.		
26 29 13 13-0229 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21).....	1,453.01	103.49
<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0230 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21).....	2,684.80	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0231 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21).....	5,278.93	206.99
<i>For Factory Installed Accessory, Deduct</i>	-413.98	
<b>26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters</b> (26 29 13 13-0159)		
Note: Bolted cast iron enclosure.		
26 29 13 13-0233 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1).....	1,412.65	110.40
<i>For Factory Installed Accessory, Deduct</i>	-220.78	
26 29 13 13-0234 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2).....	1,460.09	117.29
<i>For Factory Installed Accessory, Deduct</i>	-234.59	
26 29 13 13-0235 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1).....	1,480.61	117.29
<i>For Factory Installed Accessory, Deduct</i>	-234.59	
26 29 13 13-0236 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3).....	1,525.75	124.19
<i>For Factory Installed Accessory, Deduct</i>	-248.38	
26 29 13 13-0237 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2).....	1,595.29	124.19
<i>For Factory Installed Accessory, Deduct</i>	-248.38	
26 29 13 13-0238 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1).....	2,341.09	138.00
<i>For Factory Installed Accessory, Deduct</i>	-275.98	
26 29 13 13-0239 Reversing, Magnetic Starters (26 29 13 13-0083)		
26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters (26 29 13 13-0239)		



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Controllers	26 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0241 EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13) ..... 671.30 <i>For Factory Installed Accessory, Deduct</i> ..... -179.39		89.70
26 29 13 13-0242 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16) ..... 707.21 <i>For Factory Installed Accessory, Deduct</i> ..... -179.39		89.70
26 29 13 13-0243 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1) ..... 782.56 <i>For Factory Installed Accessory, Deduct</i> ..... -193.18		96.59
26 29 13 13-0244 EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2) ..... 812.33 <i>For Factory Installed Accessory, Deduct</i> ..... -206.99		103.49
26 29 13 13-0245 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10) ..... 832.28 <i>For Factory Installed Accessory, Deduct</i> ..... -206.99		103.49
26 29 13 13-0246 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2) ..... 890.53 <i>For Factory Installed Accessory, Deduct</i> ..... -220.78		110.40
26 29 13 13-0247 EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3) ..... 928.34 <i>For Factory Installed Accessory, Deduct</i> ..... -241.49		120.74
26 29 13 13-0248 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7) ..... 948.86 <i>For Factory Installed Accessory, Deduct</i> ..... -241.49		120.74
26 29 13 13-0249 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1) ..... 1,614.91 <i>For Factory Installed Accessory, Deduct</i> ..... -275.98		138.00
26 29 13 13-0250 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1) ..... 2,638.12 <i>For Factory Installed Accessory, Deduct</i> ..... -413.98		206.99
26 29 13 13-0251 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1) ..... 6,053.06 <i>For Factory Installed Accessory, Deduct</i> ..... -620.96		310.48
26 29 13 13-0252 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1) ..... 11,264.08 <i>For Factory Installed Accessory, Deduct</i> ..... -827.95		413.98
26 29 13 13-0253 EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1) ..... 36,430.41 <i>For Factory Installed Accessory, Deduct</i> ..... -1,517.91		758.96
<b>26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		
26 29 13 13-0255 EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13) ..... 691.70 <i>For Factory Installed Accessory, Deduct</i> ..... -165.59		82.80
26 29 13 13-0256 EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15) ..... 722.60 <i>For Factory Installed Accessory, Deduct</i> ..... -179.39		89.70
26 29 13 13-0257 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16) ..... 743.12 <i>For Factory Installed Accessory, Deduct</i> ..... -179.39		89.70
26 29 13 13-0258 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1) ..... 816.76 <i>For Factory Installed Accessory, Deduct</i> ..... -193.18		96.59
26 29 13 13-0259 EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2) ..... 847.67 <i>For Factory Installed Accessory, Deduct</i> ..... -206.99		103.49
26 29 13 13-0260 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4) ..... 868.19 <i>For Factory Installed Accessory, Deduct</i> ..... -206.99		103.49
26 29 13 13-0261 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2) ..... 941.83 <i>For Factory Installed Accessory, Deduct</i> ..... -220.78		110.40
26 29 13 13-0262 EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6) ..... 979.64 <i>For Factory Installed Accessory, Deduct</i> ..... -241.49		120.74
26 29 13 13-0263 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8) ..... 1,000.16 <i>For Factory Installed Accessory, Deduct</i> ..... -241.49		120.74
26 29 13 13-0264 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2) ..... 1,748.29 <i>For Factory Installed Accessory, Deduct</i> ..... -275.98		138.00
26 29 13 13-0265 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2) ..... 2,868.97 <i>For Factory Installed Accessory, Deduct</i> ..... -413.98		206.99
26 29 13 13-0266 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3) ..... 6,477.14 <i>For Factory Installed Accessory, Deduct</i> ..... -620.96		310.48
<b>26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		
26 29 13 13-0268 EA Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2) ..... 993.59 <i>For Factory Installed Accessory, Deduct</i> ..... -206.99		103.49

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0269	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4).....	1,014.11	103.49
			<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0270	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4) .....	1,146.08	120.74
			<i>For Factory Installed Accessory, Deduct</i>	-241.49	
26 29 13 13-0271	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1).....	1,992.25	138.00
			<i>For Factory Installed Accessory, Deduct</i>	-275.98	
<b>26 29 13 13-0272</b>			<b>NEMA 4X, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		
			Note: Brushed stainless steel enclosure.		
26 29 13 13-0273	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14).....	1,240.97	103.49
			<i>For Factory Installed Accessory, Deduct</i>	-206.99	
26 29 13 13-0274	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11).....	1,461.67	110.40
			<i>For Factory Installed Accessory, Deduct</i>	-220.78	
<b>26 29 13 13-0275</b>			<b>Magnetic Contactor/Starters Accessories</b> <small>(26 29 13 13-0083)</small>		
26 29 13 13-0276	EA		NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2) .....	92.65	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0277	EA		NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3) .....	157.00	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0278	EA		NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2).....	92.65	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0279	EA		NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8).....	157.00	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0280	EA		NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R).....	157.00	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0281	EA		Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11).....	78.14	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0282	EA		External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6).....	69.69	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0283	EA		External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8) .....	92.65	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0284	EA		External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13).....	78.14	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0285	EA		External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15) .....	104.35	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0286	EA		30 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6) .....	116.49	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0287	EA		45 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11) .....	200.34	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0288	EA		60 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21) .....	212.69	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0289	EA		30 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8) .....	254.50	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0290	EA		45 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13) .....	443.65	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0291	EA		60 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23) .....	443.65	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0292	EA		Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1).....	27.32	5.17
			<i>For Factory Installed Accessory, Deduct</i>	-10.35	
26 29 13 13-0293	EA		1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3).....	55.39	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0294	EA		2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4).....	73.15	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0295	EA		Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1).....	57.55	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
26 29 13 13-0296	EA		Terminal Block, Contactor/Starter Accessory (Square D 9999T7).....	32.00	5.17
			<i>For Factory Installed Accessory, Deduct</i>	-10.35	
26 29 13 13-0297	EA		Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1) .....	19.65	5.17
			<i>For Factory Installed Accessory, Deduct</i>	-10.35	
26 29 13 13-0298	EA		1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39).....	101.54	6.90
			<i>For Factory Installed Accessory, Deduct</i>	-13.79	
26 29 13 13-0299	EA		2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40).....	175.20	8.62
			<i>For Factory Installed Accessory, Deduct</i>	-17.25	
<b>26 29 13 13-0300</b>			<b>Definite Purpose Starters</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0301</b>			<b>Open Enclosure, Definite Purpose Starter</b> <small>(26 29 13 13-0300)</small>		
26 29 13 13-0302	EA		Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13) .....	334.88	82.80
			<i>For Factory Installed Accessory, Deduct</i>	-165.59	
26 29 13 13-0303	EA		Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22) .....	334.31	82.80
			<i>For Factory Installed Accessory, Deduct</i>	-165.59	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Controllers</b>	<b>26 29</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0304 EA Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23) .....	361.79	89.70
<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0305 EA Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32) .....	355.40	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0306 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33) .....	386.30	89.70
<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0307 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42) .....	373.64	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0308 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43) .....	434.42	103.49
<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0309 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52) .....	481.73	103.49
<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0310 EA Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53) .....	605.15	120.74
<i>For Factory Installed Accessory, Deduct</i> .....	-241.49	
<b>26 29 13 13-0311 NEMA 1, Definite Purpose Starter</b> <small>(26 29 13 13-0300)</small>		
26 29 13 13-0312 EA NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12) .....	341.03	75.89
<i>For Factory Installed Accessory, Deduct</i> .....	-151.79	
26 29 13 13-0313 EA NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13) .....	368.51	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0314 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22) .....	367.37	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0315 EA NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23) .....	396.56	89.70
<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0316 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32) .....	389.03	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0317 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33) .....	420.50	89.70
<i>For Factory Installed Accessory, Deduct</i> .....	-179.39	
26 29 13 13-0318 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42) .....	408.41	82.80
<i>For Factory Installed Accessory, Deduct</i> .....	-165.59	
26 29 13 13-0319 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) .....	468.62	103.49
<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0320 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) .....	514.22	103.49
<i>For Factory Installed Accessory, Deduct</i> .....	-206.99	
26 29 13 13-0321 EA NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) .....	638.21	120.74
<i>For Factory Installed Accessory, Deduct</i> .....	-241.49	
<b>26 29 13 13-0322 Definite Purpose Starter Accessory</b> <small>(26 29 13 13-0300)</small>		
26 29 13 13-0323 EA Start-Stop Push Button Kit, Definite Purpose Starter Accessory .....	104.35	8.62
Note: Or Hand-Off-Auto Selector Switch Kit		
<i>For Factory Installed Accessory, Deduct</i> .....	-17.25	
<b>26 29 13 13-0324 Panel Mounted Miniature Contactor</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor</b> <small>(26 29 13 13-0324)</small>		
26 29 13 13-0326 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	101.48	34.50
26 29 13 13-0327 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	118.64	37.95
26 29 13 13-0328 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	118.64	37.95
26 29 13 13-0329 EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	131.82	41.39
26 29 13 13-0330 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	111.74	34.50
26 29 13 13-0331 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	117.44	34.50





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Controllers	26 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 29 13 13-0360</b> Panel Mounted Miniature Contactor Accessories <small>(26 29 13 13-0324)</small>		
26 29 13 13-0361 EA 2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02) .....	43.45	17.25
26 29 13 13-0362 EA 4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40) .....	47.85	17.25
26 29 13 13-0363 EA Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U) .....	55.82	17.25
26 29 13 13-0364 EA Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301) .....	71.67	17.25
<b>26 29 13 13-0365</b> Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole <small>(26 29 13 13)</small>		
<b>26 29 13 13-0366</b> NEMA 1 Enclosure <small>(26 29 13 13-0365)</small>		
26 29 13 13-0367 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	5,627.79 619.09	330.52
For NEMA 4, Add		
26 29 13 13-0368 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	9,929.27 1,130.81	440.70
For NEMA 4, Add		
26 29 13 13-0369 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	17,554.47 2,063.90	523.33
For NEMA 4, Add		
26 29 13 13-0370 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	43,244.72 5,246.20	640.38
For NEMA 4, Add		
26 29 13 13-0371 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	69,129.76 8,436.28	819.42
For NEMA 4, Add		
<b>26 29 13 13-0372</b> NEMA 12 Enclosure <small>(26 29 13 13-0365)</small>		
26 29 13 13-0373 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	5,586.54	337.55
26 29 13 13-0374 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	9,853.92	441.39
26 29 13 13-0375 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	17,416.94	521.68
26 29 13 13-0376 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	42,895.14	637.57
26 29 13 13-0377 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	68,567.60	819.76
<b>26 29 13 13-0378</b> Factory Modifications Pilot Devices <small>(26 29 13 13-0365)</small>		
26 29 13 13-0379 EA Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	145.86	
26 29 13 13-0380 EA H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	160.87	
26 29 13 13-0381 EA Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	273.82	
26 29 13 13-0382 EA Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	148.78	
26 29 13 13-0383 EA Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	213.93	
26 29 13 13-0384 EA Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device .....	106.96	
26 29 13 13-0385 EA Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device .....	349.12	
<b>26 29 13 13-0386</b> Factory Modifications Meters <small>(26 29 13 13-0365)</small>		
26 29 13 13-0387 EA Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	1,403.35	
26 29 13 13-0388 EA Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	1,355.45	
26 29 13 13-0389 EA Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	479.19	
26 29 13 13-0390 EA Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	397.06	
<b>26 29 13 13-0391</b> Factory Modifications Main Circuit Breakers <small>(26 29 13 13-0365)</small>		
26 29 13 13-0392 EA Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker.....	1,854.73	
26 29 13 13-0393 EA Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker.....	3,392.08	
26 29 13 13-0394 EA Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	7,215.29	
<b>26 29 13 13-0395</b> Factory Modifications Addition <small>(26 29 13 13-0365)</small>		
Note: For reversing service auto transformer type.		
26 29 13 13-0396 EA Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	311.49	
26 29 13 13-0397 EA Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	311.49	
26 29 13 13-0398 EA Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	311.49	
26 29 13 13-0399 EA Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase.....	311.49	
<b>26 29 13 13-0400</b> Combination Starters Non-Reversing <small>(26 29 13 13)</small>		
<b>26 29 13 13-0401</b> 240-600 Volts, 3-Pole <small>(26 29 13 13-0400)</small>		
<b>26 29 13 13-0402</b> NEMA 1 With Disconnect Switch <small>(26 29 13 13-0401)</small>		
26 29 13 13-0403 EA Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,007.20 130.80	158.38
For Electronic Overloads, Add		
26 29 13 13-0404 EA Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,225.20 137.98	247.89
For Electronic Overloads, Add		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0405 EA Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,723.70	289.21
<i>For Electronic Overloads, Add</i>	218.48	
26 29 13 13-0406 EA Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,631.20	358.06
<i>For Electronic Overloads, Add</i>	363.64	
26 29 13 13-0407 EA Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,839.32	571.53
<i>For Electronic Overloads, Add</i>	701.42	
26 29 13 13-0408 EA Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	9,723.17	716.13
<i>For Electronic Overloads, Add</i>	1,574.84	
<b>26 29 13 13-0409 NEMA 1 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0410 EA Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,279.53	158.38
<i>For Electronic Overloads, Add</i>	182.54	
26 29 13 13-0411 EA Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,497.54	247.89
<i>For Electronic Overloads, Add</i>	189.73	
26 29 13 13-0412 EA Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,988.47	289.21
<i>For Electronic Overloads, Add</i>	268.78	
26 29 13 13-0413 EA Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,774.94	358.06
<i>For Electronic Overloads, Add</i>	390.96	
26 29 13 13-0414 EA Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	5,663.89	571.53
<i>For Electronic Overloads, Add</i>	858.09	
26 29 13 13-0415 EA Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	11,909.43	716.13
<i>For Electronic Overloads, Add</i>	1,990.23	
<b>26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0417 EA Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	124.02	
26 29 13 13-0418 EA H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	291.29	
26 29 13 13-0419 EA Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	201.04	
<b>26 29 13 13-0420 NEMA 4 With Disconnect Switch</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0421 EA Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,839.69	206.58
<i>For Electronic Overloads, Add</i>	268.78	
26 29 13 13-0422 EA Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,026.29	289.21
<i>For Electronic Overloads, Add</i>	275.97	
26 29 13 13-0423 EA Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,907.05	316.75
<i>For Electronic Overloads, Add</i>	431.20	
26 29 13 13-0424 EA Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,630.77	385.61
<i>For Electronic Overloads, Add</i>	734.48	
26 29 13 13-0425 EA Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	7,335.74	571.53
<i>For Electronic Overloads, Add</i>	1,175.74	
26 29 13 13-0426 EA Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	16,092.83	716.13
<i>For Electronic Overloads, Add</i>	2,785.07	
<b>26 29 13 13-0427 NEMA 4 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0428 EA Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,112.03	206.58
<i>For Electronic Overloads, Add</i>	320.53	
26 29 13 13-0429 EA Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,298.63	289.21
<i>For Electronic Overloads, Add</i>	327.71	
26 29 13 13-0430 EA Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,171.83	316.75
<i>For Electronic Overloads, Add</i>	481.51	
26 29 13 13-0431 EA Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,774.50	385.61
<i>For Electronic Overloads, Add</i>	761.79	
26 29 13 13-0432 EA Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	8,160.31	571.53
<i>For Electronic Overloads, Add</i>	1,332.41	
26 29 13 13-0433 EA Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	15,237.99	716.13
<i>For Electronic Overloads, Add</i>	2,622.65	
<b>26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0435 EA Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	124.04	
26 29 13 13-0436 EA H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	291.29	
26 29 13 13-0437 EA Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	201.04	
<b>26 29 13 13-0438 NEMA 12 With Disconnect Switch</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0439 EA Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,041.62	159.41
<i>For Electronic Overloads, Add</i>	137.34	
26 29 13 13-0440 EA Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,261.51	249.47
<i>For Electronic Overloads, Add</i>	144.88	
26 29 13 13-0441 EA Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,781.19	286.93
<i>For Electronic Overloads, Add</i>	229.40	
26 29 13 13-0442 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,726.90	358.62
<i>For Electronic Overloads, Add</i>	381.83	
26 29 13 13-0443 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	5,023.90	573.87
<i>For Electronic Overloads, Add</i>	736.49	
26 29 13 13-0444 EA Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	10,137.59	717.23
<i>For Electronic Overloads, Add</i>	1,653.58	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Controllers</b>	<b>26 29</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 29 13 13-0445 NEMA 12 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0446 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,366.81	159.41
For Electronic Overloads, Add	199.12	
26 29 13 13-0447 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,588.25	249.47
For Electronic Overloads, Add	206.96	
26 29 13 13-0448 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,116.97	286.93
For Electronic Overloads, Add	293.20	
26 29 13 13-0449 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,961.85	358.62
For Electronic Overloads, Add	426.47	
26 29 13 13-0450 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	6,074.14	573.87
For Electronic Overloads, Add	936.04	
26 29 13 13-0451 EA Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	12,860.95	717.23
For Electronic Overloads, Add	2,171.02	
<b>26 29 13 13-0452 Factory Modifications For NEMA 12 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0453 EA Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	123.00	
26 29 13 13-0454 EA H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	288.87	
26 29 13 13-0455 EA Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	199.37	
<b>26 29 13 13-0456 NEMA 7 Or 9 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0457 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,406.60	330.52
26 29 13 13-0458 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,259.88	440.70
26 29 13 13-0459 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,554.70	605.95
26 29 13 13-0460 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,275.81	826.31
26 29 13 13-0461 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	7,942.35	1,156.83
<b>26 29 13 13-0462 Factory Modifications For NEMA 7 Or 9 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0463 EA Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56	
26 29 13 13-0464 EA H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56	
26 29 13 13-0465 EA Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56	
<b>26 29 13 13-0466 Combination Starters Reversing</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0467 240-600 Volt, 3 Pole</b> <small>(26 29 13 13-0466)</small>		
<b>26 29 13 13-0468 NEMA 1 With Disconnect Switch</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0469 EA Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,245.41	206.58
26 29 13 13-0470 EA Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,449.12	289.21
26 29 13 13-0471 EA Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,100.68	316.75
26 29 13 13-0472 EA Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,189.56	385.61
26 29 13 13-0473 EA Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	6,225.45	571.53
<b>26 29 13 13-0474 NEMA 1 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0475 EA Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,389.10	206.58
26 29 13 13-0476 EA Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,602.51	289.21
26 29 13 13-0477 EA Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,280.24	316.75
26 29 13 13-0478 EA Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,942.35	385.61
26 29 13 13-0479 EA Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	6,711.14	571.53
<b>26 29 13 13-0480 NEMA 12 With Disconnect Switch</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0481 EA Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,328.97	212.56
26 29 13 13-0482 EA Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,538.28	286.93
26 29 13 13-0483 EA Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,249.70	318.82
26 29 13 13-0484 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,436.50	382.58
26 29 13 13-0485 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	6,742.66	573.87
<b>26 29 13 13-0486 NEMA 12 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0487 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,487.30	212.56
26 29 13 13-0488 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,707.29	286.93
26 29 13 13-0489 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,447.55	318.82
26 29 13 13-0490 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,164.12	382.58
26 29 13 13-0491 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,277.81	573.87
<b>26 29 13 13-0492 NEMA 7 Or 9 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0493 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,920.98	440.70
26 29 13 13-0494 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,143.09	550.87
26 29 13 13-0495 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,514.70	716.13
26 29 13 13-0496 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,170.94	936.48
26 29 13 13-0497 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	13,063.42	1,267.00
<b>26 29 13 13-0498 Solid State Motor Controllers</b> <small>(26 29 13 13)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0499			<b>Adjustable Voltage Drives, DC Motors</b> (26 29 13 13-0498)		
26 29 13 13-0500	EA		0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking .....	986.35	123.94
26 29 13 13-0501	EA		0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	1,187.42	123.94
26 29 13 13-0502			<b>Removal And Reinstallation Of Motor Starters</b> (26 29 13 13)		
			Note: Includes storage and cleaning.		
26 29 13 13-0503	EA		Remove And Reinstall Motor Starter With Disconnect Up To 25 HP .....	491.84	
26 29 13 13-0504			<b>Auxiliary Devices</b> (26 29 13 13)		
26 29 13 13-0505	EA		Auxiliary Contact, Normally Open .....	294.27	68.86
26 29 13 13-0506	EA		Auxiliary Contact, Normally Closed.....	294.27	68.86
26 29 13 13-0507	EA		Pilot Light Kit.....	310.06	68.86
<b>26 29 23</b>			<b>Variable-Frequency Motor Controllers</b> (26 29)		
26 29 23 00-0001			<b>208/230 Volt Variable Frequency Drives</b> (26 29 23)		
			Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0002	EA		3/4 HP, 208/230 Volt Variable Frequency Drive .....	1,358.27	141.62
26 29 23 00-0003	EA		1 HP, 208/230 Volt Variable Frequency Drive .....	1,529.27	141.62
26 29 23 00-0004	EA		1-1/2 HP, 208/230 Volt Variable Frequency Drive .....	1,785.27	141.62
26 29 23 00-0005	EA		2 HP, 208/230 Volt Variable Frequency Drive .....	1,953.27	141.62
26 29 23 00-0006	EA		3 HP, 208/230 Volt Variable Frequency Drive .....	2,061.27	141.62
26 29 23 00-0007	EA		5 HP, 208/230 Volt Variable Frequency Drive .....	2,120.31	141.62
26 29 23 00-0008	EA		7.5 HP, 208/230 Volt Variable Frequency Drive .....	2,364.44	212.84
26 29 23 00-0009	EA		10 HP, 208/230 Volt Variable Frequency Drive .....	2,877.73	212.84
26 29 23 00-0010	EA		15 HP, 208/230 Volt Variable Frequency Drive .....	3,489.35	283.15
26 29 23 00-0011	EA		20 HP, 208/230 Volt Variable Frequency Drive .....	4,037.32	283.15
26 29 23 00-0012	EA		25 HP, 208/230 Volt Variable Frequency Drive .....	5,022.81	354.38
26 29 23 00-0013	EA		30 HP, 208/230 Volt Variable Frequency Drive .....	6,278.40	354.38
26 29 23 00-0014	EA		40 HP, 208/230 Volt Variable Frequency Drive .....	7,681.48	416.11
26 29 23 00-0015	EA		50 HP, 208/230 Volt Variable Frequency Drive .....	8,629.60	497.50
26 29 23 00-0016	EA		60 HP, 208/230 Volt Variable Frequency Drive .....	9,800.60	497.50
26 29 23 00-0017	EA		75 HP, 208/230 Volt Variable Frequency Drive .....	11,589.60	497.50
26 29 23 00-0018			<b>460/480 Volt Variable Frequency Drives</b> (26 29 23)		
			Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0019	EA		3 HP, 480 Volt Variable Frequency Drive .....	1,860.02	124.33
			Note: Wall mounted.		
26 29 23 00-0020	EA		5 HP, 480 Volt Variable Frequency Drive .....	1,994.27	141.62
			Note: Wall mounted.		
26 29 23 00-0021	EA		7.5 HP, 480 Volt Variable Frequency Drive .....	2,111.44	212.84
			Note: Wall mounted.		
26 29 23 00-0022	EA		10 HP, 480 Volt Variable Frequency Drive .....	2,335.67	212.85
			Note: Wall mounted.		
26 29 23 00-0023	EA		15 HP, 480 Volt Variable Frequency Drive .....	2,958.35	283.15
			Note: Wall mounted.		
26 29 23 00-0024	EA		20 HP, 480 Volt Variable Frequency Drive .....	3,460.53	283.16
			Note: Wall mounted.		
26 29 23 00-0025	EA		25 HP, 480 Volt Variable Frequency Drive .....	4,344.81	354.39
			Note: Wall mounted.		
26 29 23 00-0026	EA		30 HP, 480 Volt Variable Frequency Drive .....	4,964.40	354.38
			Note: Wall mounted.		
26 29 23 00-0027	EA		40 HP, 480 Volt Variable Frequency Drive .....	5,972.48	416.11
			Note: Wall mounted.		
26 29 23 00-0028	EA		50 HP, 480 Volt Variable Frequency Drive .....	7,072.60	497.50
			Note: Wall mounted.		
26 29 23 00-0029	EA		60 HP, 480 Volt Variable Frequency Drive .....	8,232.83	531.92
			Note: Wall mounted.		
26 29 23 00-0030	EA		75 HP, 480 Volt Variable Frequency Drive .....	9,332.05	566.34
			Note: Wall mounted.		
26 29 23 00-0031	EA		100 HP, 480 Volt Variable Frequency Drive .....	11,181.02	600.59
			Note: Wall mounted.		
26 29 23 00-0032	EA		125 HP, 480 Volt Variable Frequency Drive .....	13,290.06	634.33
			Note: Wall mounted.		
26 29 23 00-0033	EA		150 HP, 480 Volt Variable Frequency Drive .....	15,299.61	708.73
			Note: Floor mounted.		
26 29 23 00-0034	EA		200 HP, 480 Volt Variable Frequency Drive .....	20,634.49	777.05
			Note: Floor mounted.		
26 29 23 00-0035	EA		250 HP, 480 Volt Variable Frequency Drive .....	26,611.41	845.75
			Note: Floor mounted.		
26 29 23 00-0036	EA		300 HP, 480 Volt Variable Frequency Drive .....	31,336.84	991.12
			Note: Floor mounted.		
26 29 23 00-0037	EA		350 HP, 480 Volt Variable Frequency Drive .....	36,403.73	1,122.70
			Note: Floor mounted.		
26 29 23 00-0038	EA		400 HP, 480 Volt Variable Frequency Drive .....	42,635.12	1,268.66
			Note: Floor mounted.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Controllers	26 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted.	46,000.22	1,425.42
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## 26 30 Facility Electrical Power Generating And Storing Equipment

### 26 31 Photovoltaic Collectors (26 30)

#### 26 31 00 00-0001 Photovoltaic Collectors (26 31)

See CSI section 26 28 13 00-0078 for fuses.

#### 26 31 00 00-0002 Rigid Photovoltaic Modules (26 31)

#### 26 31 00 00-0003 Sanyo Rigid Photovoltaic Modules (26 31 00 00-0002)

26 31 00 00-0004	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	1,042.88	65.42
		<i>For &gt;50, Deduct</i>	-91.21	
26 31 00 00-0005	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	1,159.81	65.42
		<i>For &gt;50, Deduct</i>	-102.90	
26 31 00 00-0006	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	1,086.15	65.42
		<i>For &gt;50, Deduct</i>	-95.53	

#### 26 31 00 00-0007 Sharp Rigid Photovoltaic Modules (26 31 00 00-0002)

26 31 00 00-0008	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	868.66	65.42
		<i>For &gt;50, Deduct</i>	-73.78	
26 31 00 00-0009	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	986.76	65.42
		<i>For &gt;50, Deduct</i>	-85.59	
26 31 00 00-0010	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	1,005.47	65.42
		<i>For &gt;50, Deduct</i>	-87.46	
26 31 00 00-0011	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	947.00	65.42
		<i>For &gt;50, Deduct</i>	-81.62	

#### 26 31 00 00-0012 BP Solar Rigid Photovoltaic Modules (26 31 00 00-0002)

Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

26 31 00 00-0013	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J) .....	433.62	65.42
		<i>For &gt;50, Deduct</i>	-30.28	
26 31 00 00-0014	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J) .....	533.01	65.42
		<i>For &gt;50, Deduct</i>	-40.22	
26 31 00 00-0015	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J) .....	572.77	65.42
		<i>For &gt;50, Deduct</i>	-44.19	

#### 26 31 00 00-0016 Photovoltaic Inverters (26 31)

#### 26 31 00 00-0017 Fronius Photovoltaic Inverters (26 31 00 00-0016)

26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1) .....	2,914.81	68.86
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1) .....	4,673.43	68.86
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1) .....	4,813.75	68.86
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1) .....	5,854.43	68.86
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1) .....	6,452.19	68.86
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1) .....	7,498.46	68.86
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta) .....	8,482.75	137.72
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3) .....	8,599.68	137.72
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894) .....	234.55	34.43

#### 26 31 00 00-0027 SMA Photovoltaic Inverters (26 31 00 00-0016)

26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	1,938.53	68.86
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	2,324.52	68.86
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	2,684.24	68.86
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	2,958.86	68.86
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	2,866.36	68.86

#### 26 31 00 00-0033 PVPowered Photovoltaic Inverters (26 31 00 00-0016)

26 31 00 00-0034	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	2,412.16	68.86
26 31 00 00-0035	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	2,522.29	68.86
26 31 00 00-0036	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	2,785.65	68.86
26 31 00 00-0037	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	3,303.68	86.07
26 31 00 00-0038	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	4,027.63	103.29
26 31 00 00-0039	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	4,061.15	103.29
26 31 00 00-0040	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	4,284.28	103.29
26 31 00 00-0041	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	54,000.87	550.87
26 31 00 00-0042	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	48,224.53	550.87
26 31 00 00-0043	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	60,443.72	550.87
26 31 00 00-0044	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	54,411.30	550.87

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0045			<b>Solectria Photovoltaic Inverters</b> (26 31 00 00-0016)		
26 31 00 00-0046	EA		208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI) .....	8,031.34	137.72
26 31 00 00-0047	EA		208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI) .....	8,031.34	137.72
26 31 00 00-0048	EA		208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI) .....	8,265.58	137.72
26 31 00 00-0049	EA		480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI) .....	8,265.58	137.72
26 31 00 00-0050	EA		208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI) .....	25,161.14	413.15
26 31 00 00-0051	EA		480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI) .....	23,989.95	413.15
26 31 00 00-0052	EA		208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI) .....	27,503.53	413.15
26 31 00 00-0053	EA		480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI) .....	26,852.87	413.15
26 31 00 00-0054	EA		208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI) .....	29,195.26	413.15
26 31 00 00-0055	EA		480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI) .....	27,893.93	413.15
26 31 00 00-0056	EA		208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI) .....	30,772.02	550.87
26 31 00 00-0057	EA		480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI) .....	29,340.56	550.87
26 31 00 00-0058	EA		208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI) .....	31,943.21	550.87
26 31 00 00-0059	EA		480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI) .....	30,251.49	550.87
26 31 00 00-0060			<b>Xantrex Photovoltaic Inverters</b> (26 31 00 00-0016)		
26 31 00 00-0061	EA		0.6 KW Photovoltaic Inverter (Xantrex 806-1206) .....	337.57	17.22
26 31 00 00-0062	EA		1 KW Photovoltaic Inverter (Xantrex 806-1210) .....	367.68	17.22
26 31 00 00-0063	EA		2 KW Photovoltaic Inverter (Xantrex 806-1220) .....	588.96	17.22
26 31 00 00-0064			<b>Photovoltaic DC-DC Converters</b> (26 31)		
26 31 00 00-0065	EA		15 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) .....	201.31	25.82
			Note: Hazardous locations.		
26 31 00 00-0066	EA		20 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23) .....	135.83	25.82
26 31 00 00-0067	EA		60 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60) .....	369.69	25.82
26 31 00 00-0068			<b>Photovoltaic Combiner Boxes</b> (26 31)		
26 31 00 00-0069			<b>Midnight Solar Photovoltaic Combiner Boxes</b> (26 31 00 00-0068)		
26 31 00 00-0070	EA		3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3) .....	221.91	68.86
26 31 00 00-0071	EA		6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6) .....	240.62	68.86
26 31 00 00-0072	EA		12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12) .....	381.98	103.29
26 31 00 00-0073	EA		6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250) .....	392.50	103.29
26 31 00 00-0074	EA		16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16) .....	598.30	103.29
26 31 00 00-0075			<b>SMA Photovoltaic Combiner Boxes</b> (26 31 00 00-0068)		
26 31 00 00-0076	EA		6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6) .....	545.81	68.86
26 31 00 00-0077	EA		12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12) .....	704.83	68.86
26 31 00 00-0078	EA		28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28) .....	1,462.27	137.72
26 31 00 00-0079	EA		52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52) .....	2,353.28	137.72
26 31 00 00-0080	EA		4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch) .....	798.37	68.86
26 31 00 00-0081			<b>Photovoltaic Charge Controller</b> (26 31)		
26 31 00 00-0082	EA		35 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-35) .....	161.55	25.82
26 31 00 00-0083	EA		40 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-40) .....	214.17	25.82
26 31 00 00-0084	EA		60 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-60) .....	249.25	25.82
26 31 00 00-0085	EA		Remote Digital Meter For Xantrex C-35, 40 And 60 .....	191.96	25.82
26 31 00 00-0086	EA		MPPT Charge Controller (Xantrex XW SCC) .....	655.79	34.43
26 31 00 00-0087			<b>Photovoltaic Batteries</b> (26 31)		
26 31 00 00-0088			<b>Concorde Photovoltaic Batteries</b> (26 31 00 00-0087)		
26 31 00 00-0089	EA		34 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T) .....	146.86	10.33
26 31 00 00-0090	EA		45 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T) .....	185.30	13.77
26 31 00 00-0091	EA		49 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T) .....	200.54	13.77
26 31 00 00-0092	EA		56 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T) .....	230.62	20.66
26 31 00 00-0093	EA		69 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T) .....	262.17	20.66
26 31 00 00-0094	EA		89 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T) .....	311.12	24.10
26 31 00 00-0095	EA		104 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T) .....	356.71	27.54
26 31 00 00-0096	EA		108 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T) .....	352.72	27.54
26 31 00 00-0097	EA		210 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T) .....	643.86	32.71
26 31 00 00-0098	EA		255 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T) .....	744.05	34.43
26 31 00 00-0099			<b>Deka Photovoltaic Batteries</b> (26 31 00 00-0087)		
26 31 00 00-0100	EA		31 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1) .....	154.94	17.25
26 31 00 00-0101	EA		50 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G22NF) .....	212.23	17.25
26 31 00 00-0102	EA		74 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24) .....	311.62	17.25
26 31 00 00-0103	EA		86 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27) .....	356.06	17.25
26 31 00 00-0104	EA		98 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31) .....	357.23	17.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0105 EA 183 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D).....	689.31	17.25
26 31 00 00-0106 EA 225 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D).....	796.88	17.25
<b>26 31 00 00-0107 Battery Enclosures (26 31 00 00-0087)</b>		
26 31 00 00-0108 EA 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010).....	174.75	17.22
26 31 00 00-0109 EA 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC).....	844.82	17.25
26 31 00 00-0110 EA 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL).....	794.54	17.25
26 31 00 00-0111 EA 37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC).....	1,057.64	17.25
26 31 00 00-0112 EA 15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1).....	472.99	17.25
26 31 00 00-0113 EA 31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP).....	1,107.92	17.25
<b>26 31 00 00-0114 Photovoltaic System Monitoring (26 31)</b>		
26 31 00 00-0115 EA Solar Inverter Monitor (Xantrex 864-0203).....	368.43	34.43
26 31 00 00-0116 EA Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox).....	640.13	17.22
26 31 00 00-0117 EA Sun Radiation And Temperature Monitor (SMA Sunny SensorBox).....	615.57	17.22
26 31 00 00-0118 EA PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA).....	88.22	17.22
26 31 00 00-0119 EA Wind Sensor Accessory For Sunny SensorBox (SMA).....	209.18	34.43
26 31 00 00-0120 EA Sunny Boy Control with RS485 (SMA).....	851.77	17.22
26 31 00 00-0121 EA RS 485 Module (SMA).....	174.75	17.22
26 31 00 00-0122 EA RS 232 Module (SMA).....	174.75	17.22
26 31 00 00-0123 EA Wireless Monitor with Bluetooth (SMA Sunny Beam).....	404.45	
26 31 00 00-0124 EA Bluetooth Piggy-Back Computer Card (SMA).....	228.53	17.22
26 31 00 00-0125 EA RS485-N Communication Computer Card (SMA).....	159.55	17.22
26 31 00 00-0126 EA Bluetooth Repeater (SMA).....	650.65	17.22
26 31 00 00-0127 EA Sunny Boy PC Service Cable (SMA).....	224.31	5.16
26 31 00 00-0128 EA Integrated Revenue Grade Meter, Option (PVPowered).....	2,999.25	
26 31 00 00-0129 EA Data Monitoring Module (PVPowered PVM1010).....	312.72	17.22
26 31 00 00-0130 EA Wireless IG Personal Display (Fronius 4,240,108).....	378.72	
26 31 00 00-0131 EA DatCom Power Supply (Fronius 43,0001,2311).....	105.39	
26 31 00 00-0132 EA Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	187.61	17.22
26 31 00 00-0133 EA Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z).....	182.93	17.22
26 31 00 00-0134 EA Datalogger Pro Box (Fronius 4,240,102).....	802.66	17.22
26 31 00 00-0135 EA Datalogger Easy Box (Fronius 4,240,103).....	519.69	17.22
26 31 00 00-0136 EA Datalogger Interface Box (Fronius 4,240,105).....	906.73	17.22
26 31 00 00-0137 EA Datalogger Web (Fronius 4,240,122).....	1,441.10	17.22
26 31 00 00-0138 EA Interface Box (Fronius 4,240,109).....	415.62	17.22
26 31 00 00-0139 EA Interface Card (Fronius 4,240,009,Z).....	251.92	17.22
26 31 00 00-0140 EA Interface Card Easy (Fronius 4,240,013,Z).....	227.36	17.22
26 31 00 00-0141 EA Sensor Box (Fronius 4,240,104).....	802.66	17.22
26 31 00 00-0142 EA Ambient Temperature Sensor (Fronius 43,0001,1188).....	89.39	17.22
26 31 00 00-0143 EA Irradiance Sensor (Fronius 43,0001,1188).....	288.17	17.22
26 31 00 00-0144 EA Module Temperature Sensor (Fronius 43,0001,1190).....	150.19	17.22
26 31 00 00-0145 EA Wind Speed Sensor (Fronius 42,0411,0027).....	161.23	34.43
<b>26 31 00 00-0146 Photovoltaic System Accessories (26 31)</b>		
26 31 00 00-0147 EA Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	502.94	34.43
26 31 00 00-0148 EA Line Communication Filter (Enphase LCF).....	1,000.60	68.86
26 31 00 00-0149 EA 15 Meter RS 485 Communication Cable (SMA).....	126.09	5.16
26 31 00 00-0150 EA 15 Meter RS 232 Communication Cable (SMA).....	126.09	5.16
26 31 00 00-0151 EA 24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	20.36	1.70
26 31 00 00-0152 EA 36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	21.53	1.70
26 31 00 00-0153 EA 48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	22.70	1.70
26 31 00 00-0154 EA 72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	25.04	1.70
26 31 00 00-0155 EA 120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	28.55	1.70
26 31 00 00-0156 EA 240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	45.41	3.41
26 31 00 00-0157 EA 360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	61.78	3.41
26 31 00 00-0158 EA 420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	73.95	5.11
26 31 00 00-0159 EA 36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	25.62	1.70
26 31 00 00-0160 EA 120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	35.56	1.70
26 31 00 00-0161 EA 240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	52.42	3.41
26 31 00 00-0162 EA 360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	69.96	3.41
26 31 00 00-0163 EA 600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	113.62	6.82
26 31 00 00-0164 EA 1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	176.18	6.82
26 31 00 00-0165 EA Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery.....	2,017.85	185.92
Note: Tamper proof enclosure.		
<b>26 31 00 00-0166 Photovoltaic Mounting Systems (26 31)</b>		
26 31 00 00-0167 LF Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	7.25	1.72
26 31 00 00-0168 EA Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229).....	21.08	8.60
26 31 00 00-0169 EA Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216).....	26.55	8.60
26 31 00 00-0170 EA 8" x 3/8" Hanger Bolt (UNIRAC 310046).....	13.93	3.44
Note: Supports mounting rail above tile or metal roof.		
26 31 00 00-0171 EA Mounting Rail Grounding Clip (UNIRAC 980006).....	6.69	2.59
Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.		
26 31 00 00-0172 EA Mounting Rail Grounding Lugs (UNIRAC 980012).....	14.19	3.44
Note: Two grounding lugs for each rail splice and one additional lug for each rail.		

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 31 Photovoltaic Collectors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0173 EA Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002).....	3.75	1.15
Note: Four for each row of modules you plan to mount.		
26 31 00 00-0174 EA Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	3.92	1.15
Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.		
26 31 00 00-0175 EA Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	9.93	3.44
26 31 00 00-0176 EA 12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	59.31	17.22
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0177 EA 30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	65.21	17.22
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0178 EA 44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	70.44	17.22
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0179 EA 12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	87.00	25.82
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0180 EA 44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	105.33	25.82
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0181 EA 72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	122.36	25.82
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0182 EA 18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111).....	135.00	34.43
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0183 EA 64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112).....	179.52	34.43
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0184 EA 104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110).....	251.93	51.64
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0185 EA Ballasted Photovoltaic Module Frame (UNIRAC 310351).....	119.74	
Note: Excludes ballast.		
26 31 00 00-0186 EA Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355).....	222.27	
Note: Excludes ballast.		
26 31 00 00-0187 EA 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	46.65	17.22
26 31 00 00-0188 EA 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	47.20	17.22
26 31 00 00-0189 EA 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	47.74	17.22
26 31 00 00-0190 EA 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	49.05	17.22
26 31 00 00-0191 EA 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	43.22	17.22
26 31 00 00-0192 EA 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	43.87	17.22
26 31 00 00-0193 EA 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	45.23	17.22
26 31 00 00-0194 EA 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	46.00	17.22
26 31 00 00-0195 EA 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390).....	81.27	25.82
26 31 00 00-0196 EA 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391).....	81.60	25.82
26 31 00 00-0197 EA 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394).....	82.38	25.82
26 31 00 00-0198 EA Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370).....	87.65	25.82
26 31 00 00-0199 EA Photovoltaic Module Standoff Flashing (UNIRAC 990103).....	17.69	3.44
26 31 00 00-0200 EA Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161).....	11.49	3.44
26 31 00 00-0201 EA 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100).....	24.22	5.16
26 31 00 00-0202 EA 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100).....	25.53	5.16
26 31 00 00-0203 EA Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100).....	6.23	1.15
Note: Mid or end clamp.		
26 31 00 00-0204 EA Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024).....	28.12	3.44
26 31 00 00-0205 EA Photovoltaic Module Wire Clip (UNIRAC 908002S-0100).....	1.51	

**26 32 Packaged Generator Assemblies (26 30)****26 32 13 Engine Generators (26 32)**

See CSI section 23 13 23 13-0001 for fuel storage tanks.

**26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)****26 32 13 13-0001 Diesel Generator Sets (26 32 13 13)**

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0624 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002 EA 25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA).....	16,223.35	589.04
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
26 32 13 13-0003 EA 35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA).....	20,531.57	725.25
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	



<b>Electrical</b>	<b>26</b>	<b>26</b>	
<b>Facility Electrical Power Generating And Storing Equipment</b>			<b>26 30</b>
<b>Packaged Generator Assemblies</b>			<b>26 32</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0004 EA 40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB).....	21,151.56	795.20
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
26 32 13 13-0005 EA 50 KW Diesel Generator Set, 3 Phase (Cummins DSFAD).....	22,717.54	913.01
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
26 32 13 13-0006 EA 60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD).....	24,286.83	1,049.23
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
26 32 13 13-0007 EA 80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE).....	27,092.22	1,229.61
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
26 32 13 13-0008 EA 100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA).....	31,659.77	1,428.42
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0009 EA 125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB).....	32,704.52	1,693.48
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0010 EA 150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC).....	36,070.61	1,866.51
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0011 EA 175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB).....	41,841.83	2,083.71
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0012 EA 200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC).....	44,735.40	2,282.51
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0013 EA 230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD).....	50,214.06	2,411.37
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
26 32 13 13-0014 EA 250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA).....	52,480.05	2,510.77
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0015 EA 275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA).....	57,247.95	2,646.98
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0016 EA 300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB).....	58,397.14	2,764.79
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0017 EA 350 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	66,412.78	3,092.44
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0018 EA 400 KW Diesel Generator Set, 3 Phase (Cummins DFEH).....	71,831.13	3,386.96
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0019 EA 450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ).....	81,622.33	3,648.35
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0020 EA 500 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	86,162.30	3,887.64
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	36,996.23	
For Weather Resistant Steel Diesel Generator Enclosure, Add	30,503.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	55,049.57	
26 32 13 13-0021 EA 600 KW Diesel Generator Set, 3 Phase (Cummins DQCA).....	126,222.72	4,281.56
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	100,052.80	
For Weather Resistant Steel Diesel Generator Enclosure, Add	62,313.16	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	73,292.41	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	116,560.00	

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0022 EA 750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)..... <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	144,594.03 100,052.80 62,313.16 73,292.41 116,560.00	4,708.60
26 32 13 13-0023 EA 800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)..... <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	151,018.13 100,052.80 62,313.16 73,292.41 116,560.00	4,811.69
26 32 13 13-0024 EA 900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)..... <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	184,389.68 100,052.80 62,313.16 73,292.41 116,560.00	5,187.20
26 32 13 13-0025 EA 1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)..... <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	205,577.19 100,052.80 62,313.16 73,292.41 116,560.00	5,522.21

**26 32 13 19 Natural Gas-Engine-Driven Generator Sets (26 32 13)****26 32 13 19-0001 Natural Gas Or Propane Generator Sets (26 32 13 19)**

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0624 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002 EA 20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	12,884.01 5,068.02 3,054.69 2,820.39 9,729.60	493.32
26 32 13 19-0003 EA 25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	14,562.94 5,068.02 3,054.69 2,820.39 9,729.60	589.04
26 32 13 19-0004 EA 29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,581.53 5,068.02 3,054.69 2,820.39 9,729.60	655.31
26 32 13 19-0005 EA 35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	16,975.52 14,502.56 8,640.50 2,820.39 9,729.60	725.25
26 32 13 19-0006 EA 40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,463.53 14,502.56 8,640.50 2,820.39 9,729.60	795.20
26 32 13 19-0007 EA 45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,999.57 14,502.56 8,640.50 2,820.39 9,729.60	857.79
26 32 13 19-0008 EA 60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	19,519.95 14,502.56 8,640.50 2,820.39 9,729.60	1,049.23
26 32 13 19-0009 EA 70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	20,745.72 14,502.56 8,640.50 2,820.39 9,729.60	1,174.39
26 32 13 19-0010 EA 85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	24,959.66 14,502.56 10,130.24 5,140.33 14,875.73	1,255.38
26 32 13 19-0011 EA 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	27,074.73 14,502.56 10,130.24 5,140.33 14,875.73	1,413.69
26 32 13 19-0012 EA 125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGGLA)..... <i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	33,984.75 14,502.56 10,130.24 5,140.33 14,875.73	1,693.48





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Facility Electrical Power Generating And Storing Equipment</b>	<b>26 30</b>	
<b>Packaged Generator Assemblies</b>	<b>26 32</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0013 EA 150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB).....	38,770.68	1,866.51
For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	14,502.56	
For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	10,130.24	
For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	5,140.33	
For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	14,875.73	
26 32 13 19-0014 EA 175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA) .....	95,316.21	4,964.77
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	27,431.50	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	29,992.98	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	45,007.56	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	40,487.72	
26 32 13 19-0015 EA 205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB) .....	101,552.16	2,242.01
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	27,431.50	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	29,992.98	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	45,007.56	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	40,487.72	
26 32 13 19-0016 EA 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC) .....	102,701.17	2,510.77
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	27,431.50	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	29,992.98	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	45,007.56	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	40,487.72	
26 32 13 19-0017 EA 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA) .....	141,672.03	2,764.79
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	27,431.50	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	29,992.98	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	45,007.56	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	40,487.72	
26 32 13 19-0018 EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB) .....	142,938.28	3,092.44
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	27,431.50	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	29,992.98	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	45,007.56	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	40,487.72	
26 32 13 19-0019 EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA).....	201,415.27	3,648.35
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
26 32 13 19-0020 EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB).....	274,677.74	3,887.64
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
26 32 13 19-0021 EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC).....	289,044.90	4,097.48
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
26 32 13 19-0022 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFJA).....	329,561.74	4,281.56
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
26 32 13 19-0023 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLE).....	344,630.66	4,443.54
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
26 32 13 19-0024 EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLE).....	364,504.01	4,749.10
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,154.89	
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	59,897.74	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	84,854.54	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	68,033.47	
<b>26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets (26 32 13 19)</b>		
26 32 13 19-0026 EA 7.5 KW Natural Gas Or Propane Air Cooled Generator Set .....	3,100.12	319.75
Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
26 32 13 19-0027 EA 10 KW Natural Gas Or Propane Air Cooled Generator Set .....	3,921.45	355.28
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 13 19-0028 EA 14 KW Natural Gas Or Propane Air Cooled Generator Set .....	4,419.11	336.54
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
<b>26 32 13 26 AC To DC Electrical Conversion (26 32 13)</b>		
<b>26 32 13 26-0001 60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output (26 32 13 26)</b>		
26 32 13 26-0002 EA 3 KW, 24 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	4,928.73	137.72
26 32 13 26-0003 EA 5 KW, 40 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	5,999.11	137.72
26 32 13 26-0004 EA 7.5 KW, 60 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	7,940.58	137.72
26 32 13 26-0005 EA 10 KW, 80 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	8,002.88	137.72
26 32 13 26-0006 EA 15 KW, 120 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	8,886.49	172.14
26 32 13 26-0007 EA 20 KW, 160 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	9,621.94	172.14
26 32 13 26-0008 EA 25 KW, 200 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	10,074.20	172.14
26 32 13 26-0009 EA 40 KW, 320 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	12,270.61	227.23
26 32 13 26-0010 EA 50 KW, 400 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	13,634.07	227.23

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 26-0011			<b>60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output</b> <small>(26 32 13 26)</small>		
26 32 13 26-0012	EA		3 KW, 12 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	5,703.63	137.72
26 32 13 26-0013	EA		5 KW, 20 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	6,797.49	137.72
26 32 13 26-0014	EA		7.5 KW, 30 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	7,771.98	137.72
26 32 13 26-0015	EA		10 KW, 40 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	7,987.07	137.72
26 32 13 26-0016	EA		15 KW, 60 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	9,049.22	172.14
26 32 13 26-0017	EA		20 KW, 80 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	9,949.51	172.14
26 32 13 26-0018	EA		25 KW, 100 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	10,277.08	172.14
26 32 13 26-0019	EA		40 KW, 160 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	12,222.01	227.23
26 32 13 26-0020	EA		50 KW, 200 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	12,963.79	227.23
<b>26 32 29</b>			<b>Rotary Converters</b> <small>(26 32)</small>		
26 32 29 00-0001			<b>460 Volt 3 Phase AC Motor Drive 250 Volt DC</b> <small>(26 32 29)</small>		
26 32 29 00-0002	EA		33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	14,561.75	2,577.04
26 32 29 00-0003	EA		40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	16,168.72	2,577.04
26 32 29 00-0004	EA		50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	18,399.93	3,681.47
26 32 29 00-0005	EA		65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	21,445.12	3,681.47
26 32 29 00-0006	EA		85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	24,319.49	3,681.47
26 32 29 00-0007	EA		100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	28,583.07	5,522.21
26 32 29 00-0008	EA		125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	34,678.95	5,522.21
26 32 29 00-0009			<b>4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC</b> <small>(26 32 29)</small>		
26 32 29 00-0010	EA		170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	50,452.12	7,362.95
26 32 29 00-0011	EA		200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	54,984.34	7,362.95
26 32 29 00-0012	EA		240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	66,136.21	9,571.83
26 32 29 00-0013	EA		320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	75,197.59	11,633.46
26 32 29 00-0014	EA		400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	89,038.47	11,633.46
26 32 29 00-0015	EA		560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	126,226.91	17,376.56
26 32 29 00-0016	EA		640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	130,682.82	17,376.56
26 32 29 00-0017	EA		800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	150,421.46	20,248.11
26 33			<b>Battery Equipment</b> <small>(26 30)</small>		
<b>26 33 13</b>			<b>Batteries</b> <small>(26 33)</small>		
26 33 13 00-0001			<b>Standby Batteries</b> <small>(26 33 13)</small>		
26 33 13 00-0002	EA		12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery .....	603.66	17.25
26 33 13 00-0003	EA		12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket .....	651.89	17.25
26 33 13 00-0004	EA		725CCA, Group 31, 12 Volt Lead Calcium Standby Battery .....	192.64	17.25
26 33 13 00-0005	EA		810CCA, Group 24, 12 Volt Lead Calcium Standby Battery .....	175.24	17.25
26 33 13 00-0006	EA		1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery .....	299.26	17.25
26 33 13 00-0007	EA		1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery .....	347.32	17.25
<b>26 33 53</b>			<b>Static Uninterruptible Power Supply</b> <small>(26 33)</small>		
26 33 53 00-0001			<b>Single Phase, Uninterruptible Power Supply Systems (UPS)</b> <small>(26 33 53)</small>		
26 33 53 00-0002			<b>Single Phase, Uninterruptible Power Supply Systems (UPS)</b> <small>(26 33 53 00-0001)</small>		
26 33 53 00-0003			<b>120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)</b> <small>(26 33 53 00-0002)</small>		
			Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA		0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) .....	728.87	68.17
			Note: Includes 12 minutes of battery backup at full load.		
26 33 53 00-0005	EA		0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) .....	871.54	79.53
			Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0006	EA		1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) .....	1,077.64	90.89
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0007	EA		1.5 kVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) .....	1,320.62	102.26
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0008	EA		2 kVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) .....	1,703.00	113.62
			Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0009	EA		3 kVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) .....	2,833.83	159.07
			Note: Includes 4 minutes of battery backup at full load.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Facility Electrical Power Generating And Storing Equipment</b>	<b>26 30</b>	
<b>Battery Equipment</b>	<b>26 33</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011 EA 3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) ..... Note: Includes 4 minutes of battery backup at full load.	2,781.73	159.07
26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013 EA 5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) ..... Note: Includes 5 minutes of battery backup at full load.	4,198.47	181.79
26 33 53 00-0014 EA 6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) ..... Note: Includes 4 minutes of battery backup at full load.	4,588.63	204.51
26 33 53 00-0015 EA 8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) ..... Note: Includes 7 minutes of battery backup at full load.	6,887.92	249.95
26 33 53 00-0016 EA 10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) ..... Note: Includes 4-1/2 minutes of battery backup at full load.	7,924.71	272.68
26 33 53 00-0017 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018 EA 0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) ..... Note: Includes 11 minutes of battery backup at full load.	871.54	79.53
26 33 53 00-0019 EA 1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) ..... Note: Includes 6 minutes of battery backup at full load.	1,077.64	90.89
26 33 53 00-0020 EA 1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) ..... Note: Includes 4 minutes of battery backup at full load.	1,336.01	102.26
26 33 53 00-0021 EA 2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) ..... Note: Includes 4 minutes of battery backup at full load.	1,706.71	113.62
26 33 53 00-0022 EA 3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) ..... Note: Includes 4 minutes of battery backup at full load.	2,845.40	159.07
26 33 53 00-0023 EA 5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) ..... Note: Includes 9 minutes of battery backup at full load.	4,024.48	181.79
26 33 53 00-0024 EA 6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) ..... Note: Includes 6 minutes of battery backup at full load.	4,950.37	204.51
26 33 53 00-0025 EA 10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) ..... Note: Includes 3 minutes of battery backup at full load.	7,675.99	272.68
26 33 53 00-0026 Optional Accessories For Single Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0001)</small>		
26 33 53 00-0027 EA External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) ..... Note: Rack mount or tower configuration.	498.48	20.66
26 33 53 00-0028 EA External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) ..... Note: Rack mount or tower configuration.	654.99	20.66
26 33 53 00-0029 EA External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) ..... Note: Rack mount or tower configuration.	637.57	20.66
26 33 53 00-0030 EA External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) ..... Note: Rack mount or tower configuration.	431.06	20.66
26 33 53 00-0031 EA Replacement Internal Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT) ..... Note: Rack mount or tower configuration.	614.40	68.17
26 33 53 00-0032 EA Replacement Internal Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT) ..... Note: Rack mount or tower configuration.	683.25	90.89
26 33 53 00-0033 Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53)</small>		
26 33 53 00-0034 Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53 00-0033)</small>		

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 33 Battery Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0035			<b>480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS)</b> <small>(26 33 53 00-0034)</small> Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0036	EA		30 kVA, 24 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA030A0A6E) .....	20,387.49	590.81
			For 208/208 Volt AC, Add	795.73	
			For MBC 2-Breaker, Add	4,056.74	
			For 34 Minute Battery, Add	10,063.09	
26 33 53 00-0037	EA		40 kVA, 32 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA040A0A6E) .....	24,285.53	727.15
			For 208/208 Volt AC, Add	888.26	
			For MBC 2-Breaker, Add	4,551.96	
			For 23 Minute Battery, Add	10,856.65	
			For 37 Minute Battery, Add	12,390.71	
26 33 53 00-0038	EA		50 kVA, 40 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA050A0A6E) .....	26,749.30	908.94
			For 208/208 Volt AC, Add	1,003.24	
			For MBC 2-Breaker, Add	4,551.96	
			For 18 Minute Battery, Add	10,200.81	
			For 28 Minute Battery, Add	12,500.88	
			For 35 Minute Battery, Add	13,265.58	
26 33 53 00-0039	EA		65 kVA, 52 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA065A0A6E) .....	30,367.98	1,136.17
			For 208/208 Volt AC, Add	1,161.62	
			For MBC 2-Breaker, Add	5,573.39	
			For 12 Minute Battery, Add	11,230.04	
			For 19 Minute Battery, Add	12,808.99	
			For 25 Minute Battery, Add	13,565.53	
			For 30 Minute Battery, Add	18,108.39	
26 33 53 00-0040	EA		80 kVA, 64 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA080A0A6E) .....	32,286.38	1,363.40
			For 208/208 Volt AC, Add	1,161.62	
			For MBC 3-Breaker, Add	5,573.39	
			For 15 Minute Battery, Add	12,912.28	
			For 19 Minute Battery, Add	14,799.15	
			For 33 Minute Battery, Add	24,213.35	
26 33 53 00-0041	EA		100 kVA, 80 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA100A0A6E) .....	34,851.91	1,590.63
			For 208/208 Volt AC, Add	1,298.62	
			For MBC 3-Breaker, Add	6,009.58	
			For 11 Minute Battery, Add	13,683.09	
			For 17 Minute Battery, Add	20,624.37	
			For 25 Minute Battery, Add	25,035.81	
			For 35 Minute Battery, Add	28,127.68	
26 33 53 00-0042	EA		130 kVA, 104 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA130A0A6E) .....	38,000.75	1,817.87
			For 208/208 Volt AC, Add	1,366.18	
			For MBC 3-Breaker, Add	6,532.17	
			For 11 Minute Battery, Add	19,062.91	
			For 17 Minute Battery, Add	22,914.70	
			For 25 Minute Battery, Add	30,587.21	
			For 30 Minute Battery, Add	37,024.06	
26 33 53 00-0043	EA		225 kVA, 180 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA229AAAK) .....	48,287.31	2,045.10
			For Customer Alarm Interface, Add	393.61	
			For Alarm Status Contacts, Add	474.19	
			For Maintenance Bypass Interface, Add	554.77	
			For Communication Interface, Add	619.86	
			For Flush Mount Remote Status Panel, Add	781.03	
			For SNMP, Add	976.29	
			For Load Bus Sync Board, Add	1,456.68	
			For Input Filter with Disconnect, Add	1,907.94	
			For Isolation Transformer, Add	6,260.63	
			For Two Breaker Matching Maintenance Bypass Cabinet, Add	6,972.86	
			For Load Bus Sync Control Panel With Start Up, Add	7,000.13	
			For Three Breaker Matching Maintenance Bypass Cabinet, Add	7,530.73	
			For VRLA 12 Minute Battery, Add	32,758.17	
			For VRLA 14 Minute Battery, Add	35,303.34	
			For VRLA 22 Minute Battery, Add	44,308.65	
			For VRLA 37 Minute Battery, Add	66,029.17	



<b>Electrical</b>	<b>26</b>	<b>26</b>	
<b>Facility Electrical Power Generating And Storing Equipment</b>			<b>26 30</b>
<b>Battery Equipment</b>			<b>26 33</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0044 EA 300 kVA, 240 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA300AAAA).....	62,220.55	2,272.34
For Customer Alarm Interface, Add	393.61	
For Alarm Status Contacts, Add	474.19	
For Maintenance Bypass Interface, Add	554.77	
For Communication Interface, Add	619.86	
For Flush Mount Remote Status Panel, Add	781.03	
For SNMP, Add	976.29	
For Load Bus Sync Board, Add	1,456.68	
For Input Filter with Disconnect, Add	2,083.36	
For Load Bus Sync Control Panel With Start Up, Add	7,000.13	
For Isolation Transformer, Add	7,351.60	
For Two Breaker Matching Maintenance Bypass Cabinet, Add	8,410.94	
For Three Breaker Matching Maintenance Bypass Cabinet, Add	9,628.97	
For VRLA 14 Minute Battery, Add	44,349.97	
For VRLA 17 Minute Battery, Add	52,689.89	
For VRLA 26 Minute Battery, Add	66,077.37	
26 33 53 00-0045 EA 500 kVA, 400 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA500AAAA).....	98,346.44	2,726.80
For Customer Alarm Interface, Add	501.09	
For Alarm Status Contacts, Add	603.67	
For Maintenance Bypass Interface, Add	706.25	
For Communication Interface, Add	789.11	
For Flush Mount Remote Status Panel, Add	994.29	
For SNMP, Add	1,242.86	
For Load Bus Sync Board, Add	1,854.42	
For Input Filter with Disconnect, Add	5,900.12	
For Two Breaker Maintenance Bypass Switchboard, Add	8,199.69	
For Load Bus Sync Control Panel With Start Up, Add	8,965.92	
For 12 Pulse With Isolation Transformer, Add	11,178.39	
For Three Breaker Maintenance Bypass Switchboard, Add	12,468.80	
For VRLA 12 Minute Battery, Add	71,283.70	
<b>26 33 53 00-0046 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems</b> <small>(26 33 53 00-0033)</small>		
26 33 53 00-0047 EA Programmable Relay Board For Liebert® Npower™ Uninterruptible Power Supply Systems.....	439.54	34.43
26 33 53 00-0048 EA Network Interface Card For Liebert® Npower™ Uninterruptible Power Supply Systems.....	714.13	34.43
26 33 53 00-0049 EA Remote Status Panel With 100' Of Cable For Liebert® Npower™ Uninterruptible Power Supply Systems.....	1,348.06	68.86
26 33 53 00-0050 EA Slim Line Distribution Panel With Two 42 Pole Panels For Liebert® Npower™ Uninterruptible Power Supply Systems.....	4,156.43	275.43
26 33 53 00-0051 EA Replacement 12 Volt, 3 Phase, 134 Amp Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR).....	319.06	34.43
26 33 53 00-0052 EA Replacement 12 Volt, 204 Watts, 3 Phase, 55 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200).....	174.91	34.43
26 33 53 00-0053 EA Replacement 12 Volt, 257 Watts, 3 Phase, 65 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250).....	195.95	34.43
26 33 53 00-0054 EA Replacement 12 Volt, 311 Watts, 3 Phase, 75 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300).....	216.98	34.43
26 33 53 00-0055 EA Replacement 12 Volt, 374 Watts, 3 Phase, 90 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350).....	254.84	34.43
26 33 53 00-0056 EA Replacement 12 Volt, 415 Watts, 3 Phase, 100 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400).....	267.46	34.43
26 33 53 00-0057 EA Replacement 12 Volt, 493 Watts, 3 Phase, 135 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500).....	332.67	34.43
26 33 53 00-0058 EA Replacement 12 Volt, 540 Watts, 3 Phase, 150 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540).....	348.44	34.43
<b>26 33 53 00-0059 Other Uninterruptable Power Supply Equipment</b> <small>(26 33 53)</small>		
26 33 53 00-0060 EA Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In.....	3,120.67	62.95
26 33 53 00-0061 EA Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In.....	3,762.91	125.91
26 33 53 00-0062 EA GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel.....	16.84	3.78
26 33 53 00-0063 EA GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel.....	30.09	4.72
26 33 53 00-0064 EA GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel.....	55.91	4.72
26 33 53 00-0065 EA GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel.....	81.78	6.30
26 33 53 00-0066 EA GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel.....	115.86	6.30
26 33 53 00-0067 EA Uninterrupted Power Supply Remote Status Panel.....	2,139.63	62.95
26 33 53 00-0068 EA Uninterrupted Power Supply Remote Contact Board.....	714.03	47.22
<b>26 35 Power Filters And Conditioners</b> <small>(26 35)</small>		
<b>26 35 33 Power Factor Correction Equipment</b> <small>(26 35)</small>		
<b>26 35 33 00-0001 Power Factor Correction Capacitors</b> <small>(26 35 33)</small>		
26 35 33 00-0002 EA Power Factor Correction Capacitors, 2.0 KVAC.....	364.83	
26 35 33 00-0003 EA Power Factor Correction Capacitors, 3.0 KVAC.....	404.06	
26 35 33 00-0004 EA Power Factor Correction Capacitors, 4.0 KVAC.....	443.29	
26 35 33 00-0005 EA Power Factor Correction Capacitors, 5.0 KVAC.....	480.95	
26 35 33 00-0006 EA Power Factor Correction Capacitors, 7.5 KVAC.....	590.79	
26 35 33 00-0007 EA Power Factor Correction Capacitors, 10.0 KVAC.....	721.81	
26 35 33 00-0008 EA Power Factor Correction Capacitors, 15.0 KVAC.....	1,114.88	
26 35 33 00-0009 EA Power Factor Correction Capacitors, 20.0 KVAC.....	1,354.18	

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 35 Power Filters And Conditioners**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 33 00-0010	EA		Power Factor Correction Capacitors, 25.0 KVAC .....	1,749.61	
26 35 33 00-0011	EA		Power Factor Correction Capacitors, 30.0 KVAC .....	1,989.69	
26 35 33 00-0012	EA		Power Factor Correction Capacitors, 50.0 KVAC .....	3,491.37	
26 35 33 00-0013	EA		Power Factor Correction Capacitors, 75.0 KVAC .....	5,249.60	
26 35 33 00-0014	EA		Power Factor Correction Capacitors, 100.0 KVAC .....	7,000.00	
26 35 33 00-0015	EA		Power Factor Correction Capacitors, Fuse Kit.....	324.81	
<b>26 35 53 Voltage Regulators (26 35)</b>					
26 35 53 00-0001			Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase (26 35 53) Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002	EA		50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	3,872.27	1,094.85
26 35 53 00-0003	EA		75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	4,442.02	1,377.17
26 35 53 00-0004	EA		100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	4,966.65	1,638.83
<b>26 36 Transfer Switches (26 30)</b>					
<b>26 36 13 Manual Transfer Switches (26 36)</b>					
26 36 13 00-0001			Fused Manual Transfer Switches (26 36 13)		
26 36 13 00-0002	EA		30 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,003.53	120.50
26 36 13 00-0003	EA		60 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,160.55	149.70
<b>26 36 23 Automatic Transfer Switches (26 36)</b>					
26 36 23 00-0001			Automatic Transfer Switch (26 36 23)		
26 36 23 00-0002			Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001) Note: Programmable, 120/240 volt single phase, 3 wire.		
26 36 23 00-0003	EA		100 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	1,728.22	248.69
26 36 23 00-0004	EA		225 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	2,351.97	319.75
26 36 23 00-0005	EA		400 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	3,742.47	426.33
26 36 23 00-0006	EA		600 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	8,557.92	532.92
26 36 23 00-0007			Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001)		
26 36 23 00-0008	EA		40 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40).....	2,862.78	177.64
			For NEMA 4 Enclosure, Add	650.86	
			For NEMA 3R Enclosure, Add	614.71	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0009	EA		70 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70).....	3,304.44	213.17
			For NEMA 4 Enclosure, Add	650.86	
			For NEMA 3R Enclosure, Add	614.71	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0010	EA		125 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125).....	3,631.42	248.69
			For NEMA 4 Enclosure, Add	650.86	
			For NEMA 3R Enclosure, Add	614.71	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0011	EA		150 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150).....	4,321.06	284.23
			For NEMA 4 Enclosure, Add	940.13	
			For NEMA 3R Enclosure, Add	723.18	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0012	EA		225 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225).....	4,934.46	319.75
			For NEMA 4 Enclosure, Add	940.13	
			For NEMA 3R Enclosure, Add	723.18	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0013	EA		260 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260).....	5,445.10	355.28
			For NEMA 4 Enclosure, Add	940.13	
			For NEMA 3R Enclosure, Add	723.18	
			For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0014	EA		300 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300).....	5,687.87	390.80
			For NEMA 12 Enclosure, Add	723.18	
			For NEMA 3R Enclosure, Add	853.35	
			For NEMA 4 Enclosure, Add	1,012.45	
26 36 23 00-0015	EA		400 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400).....	6,433.87	426.33
			For NEMA 12 Enclosure, Add	723.18	
			For NEMA 3R Enclosure, Add	853.35	
			For NEMA 4 Enclosure, Add	1,012.45	
26 36 23 00-0016	EA		600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600).....	8,821.69	532.92
			For NEMA 12 Enclosure, Add	723.18	
			For NEMA 3R Enclosure, Add	853.35	
			For NEMA 4 Enclosure, Add	1,012.45	
26 36 23 00-0017	EA		800 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800).....	9,889.48	639.50
			For NEMA 4 Enclosure, Add	1,157.09	
			For NEMA 12 Enclosure, Add	1,012.45	
			For NEMA 3R Enclosure, Add	1,048.60	
26 36 23 00-0018	EA		1,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000).....	12,792.15	852.67
			For NEMA 4 Enclosure, Add	1,157.09	
			For NEMA 12 Enclosure, Add	1,012.45	
			For NEMA 3R Enclosure, Add	1,048.60	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Facility Electrical Power Generating And Storing Equipment</b>	<b>26 30</b>	
<b>Transfer Switches</b>	<b>26 36</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0019 EA 1,200 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i>	16,641.70 1,084.77 2,314.17 1,301.72	923.72
26 36 23 00-0020 EA 1,600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	17,724.87 3,760.52 4,628.33 3,760.52	1,065.83
26 36 23 00-0021 EA 2,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	20,268.49 3,760.52 4,628.33 3,760.52	1,207.95
26 36 23 00-0022 EA 3,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000) ..... <i>For NEMA 3R Enclosure, Add</i>	24,472.03 3,760.52	1,492.16
26 36 23 00-0023 EA 4,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000) ..... <i>For NEMA 3R Enclosure, Add</i>	42,651.91 17,674.42	1,776.39
<b>26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b> <small>(26 36 23 00-0001)</small>		
26 36 23 00-0025 EA 150 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	14,193.89 1,301.72 687.03 1,265.57	1,350.06
26 36 23 00-0026 EA 225 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	14,814.83 1,301.72 687.03 1,265.57	1,421.11
26 36 23 00-0027 EA 260 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	15,529.82 1,301.72 687.03 1,265.57	1,492.16
26 36 23 00-0028 EA 300 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	17,357.02 1,301.72 687.03 1,265.57	1,527.70
26 36 23 00-0029 EA 400 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	20,067.58 1,301.72 687.03 1,265.57	1,563.23
26 36 23 00-0030 EA 600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	24,137.85 1,301.72 1,265.57 723.18	1,634.28
26 36 23 00-0031 EA 800 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	26,626.67 1,301.72 1,301.72 795.50	1,705.34
26 36 23 00-0032 EA 1,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	33,483.41 1,301.72 1,301.72 795.50	1,989.56
26 36 23 00-0033 EA 1,200 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200) ..... <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	43,761.69 7,231.76 5,785.41 5,785.41	2,131.67
26 36 23 00-0034 EA 1,600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600) ..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	57,235.05 12,293.99 12,293.99 11,455.11	2,273.78
26 36 23 00-0035 EA 2,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000) ..... <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	65,014.78 12,293.99 12,293.99 11,455.11	2,486.95
26 36 23 00-0036 EA 3,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000) ..... <i>For NEMA 3R Enclosure, Add</i>	104,298.05 15,186.69	2,842.23
26 36 23 00-0037 EA 4,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000) ..... <i>For NEMA 3R Enclosure, Add</i>	112,542.42 15,186.69	3,197.50
<b>26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b> <small>(26 36 23 00-0001)</small>		
26 36 23 00-0039 EA 40 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	4,687.37 650.86 361.59	177.64
26 36 23 00-0040 EA 70 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	5,066.06 650.86 361.59	213.17
26 36 23 00-0041 EA 125 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125) ..... <i>For NEMA 12 Enclosure, Add</i> <i>For NEMA 3R Enclosure, Add</i>	5,444.09 650.86 361.59	248.69

**26 Electrical****26 30 Facility Electrical Power Generating And Storing Equipment****26 36 Transfer Switches**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0042	EA		150 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	6,540.15	284.23
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
26 36 23 00-0043	EA		225 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	8,523.32	319.75
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
26 36 23 00-0044	EA		250 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	9,072.41	355.28
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
26 36 23 00-0045	EA		300 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	9,431.87	390.80
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
26 36 23 00-0046	EA		400 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	10,675.79	426.33
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
26 36 23 00-0047	EA		600 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	12,951.57	532.92
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
26 36 23 00-0048	EA		800 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	13,480.32	639.50
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
			<i>For NEMA 3R Enclosure, Add</i>	1,619.92	
			<i>For Four Pole Circuit Breaker, Add</i>	3,507.41	
26 36 23 00-0049	EA		1,000 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	15,895.02	852.67
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
			<i>For NEMA 3R Enclosure, Add</i>	1,619.92	
			<i>For Four Pole Circuit Breaker, Add</i>	3,507.41	
26 36 23 00-0050			<b>Accessories</b> <small>(26 36 23)</small>		
26 36 23 00-0051	EA		Auxiliary Contacts For Automatic Transfer Switch.....	167.78	
26 36 23 00-0052	EA		Battery Charger For Automatic Transfer Switch.....	1,374.04	
26 36 23 00-0053	EA		Elevator Relay Signal For Automatic Transfer Switch.....	499.00	
26 36 33			<b>Non-Automatic Transfer Switches</b> <small>(26 36)</small>		
26 36 33 00-0001			<b>Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b> <small>(26 36 33)</small>		
26 36 33 00-0002	EA		40 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	1,917.33	177.64
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0003	EA		70 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	2,123.63	213.17
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0004	EA		125 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	2,410.17	248.69
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0005	EA		150 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	2,244.32	284.23
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0006	EA		225 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	3,706.57	319.75
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0007	EA		260 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	4,167.48	355.28
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0008	EA		300 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	4,635.67	390.80
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
26 36 33 00-0009	EA		400 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	5,444.00	426.33
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
26 36 33 00-0010	EA		600 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	7,201.30	532.92
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
26 36 33 00-0011	EA		800 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	8,100.02	639.50
			<i>For NEMA 3R Enclosure, Add</i>	1,048.60	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
26 36 33 00-0012	EA		1,000 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	10,700.37	852.67
			<i>For NEMA 3R Enclosure, Add</i>	1,048.60	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Facility Electrical Power Generating And Storing Equipment</b>	<b>26 30</b>	
<b>Transfer Switches</b>	<b>26 36</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**26 40 Electrical And Cathodic Protection (26)**

**26 41 Facility Lightning Protection (26 40)**

**26 41 13 Lightning Protection For Structures (26 41)**

26 41 13 00-0001 Lightning Protection (26 41 13)

26 41 13 00-0002 Air Terminals For Lightning Protection (26 41 13 00-0001)

26 41 13 00-0003 Copper Lightning Protection Air Terminals (26 41 13 00-0002)

26 41 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal .....	49.51	6.89
26 41 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal .....	61.22	6.89
26 41 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal .....	80.67	6.89
26 41 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal .....	89.57	6.89
26 41 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal .....	175.89	13.77

26 41 13 00-0009 Aluminum Lightning Protection Air Terminals (26 41 13 00-0002)

26 41 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal .....	27.58	6.89
26 41 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal .....	35.46	6.89
26 41 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal .....	43.89	6.89
26 41 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal .....	48.96	6.89
26 41 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal .....	92.32	13.77

26 41 13 00-0015 Terminal Bases For Lightning Protection (26 41 13 00-0001)

26 41 13 00-0016 Copper Lightning Protection Terminal Bases (26 41 13 00-0015)

26 41 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal .....	59.86	20.66
26 41 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal .....	75.68	27.54
26 41 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal .....	103.98	34.43
26 41 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal .....	75.68	27.54
26 41 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal .....	82.05	27.54
26 41 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal .....	143.55	55.09
26 41 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal .....	102.31	34.43
26 41 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal .....	59.86	20.66

26 41 13 00-0025 Aluminum Lightning Protection Terminal Bases (26 41 13 00-0015)

26 41 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal .....	45.80	20.66
26 41 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal .....	66.40	27.54
26 41 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal .....	86.90	34.43
26 41 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal .....	66.53	27.54
26 41 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal .....	68.39	27.54
26 41 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal .....	125.77	55.09
26 41 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal .....	99.80	34.43
26 41 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal .....	45.80	20.66

26 41 13 00-0034 Connectors (26 41 13 00-0001)

26 41 13 00-0035 Copper Cable Connectors (26 41 13 00-0034)

26 41 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System .....	120.85	34.43
26 41 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System .....	160.77	55.09
26 41 13 00-0038	EA	Beam Connector For Copper Lightning Protection System .....	105.14	34.43
26 41 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System .....	26.25	6.89
26 41 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System .....	27.44	6.89
26 41 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal .....	82.52	20.66

26 41 13 00-0042 Aluminum Cable Connectors (26 41 13 00-0034)

26 41 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System .....	92.60	34.43
26 41 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System .....	133.39	55.09
26 41 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System .....	88.62	34.43
26 41 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System .....	19.82	6.89
26 41 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal .....	58.86	20.66

26 41 13 00-0048 Bonding Plates (26 41 13 00-0001)

26 41 13 00-0049 Copper Bonding Plates (26 41 13 00-0048)

26 41 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System .....	89.96	34.43
26 41 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System .....	93.85	34.43
26 41 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System .....	137.32	55.09

26 41 13 00-0053 Aluminum Bonding Plates (26 41 13 00-0048)

26 41 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System .....	80.00	34.43
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<b>26</b>	<b>Electrical</b>
<b>26 40</b>	<b>Electrical And Cathodic Protection</b>
<b>26 41</b>	<b>Facility Lightning Protection</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 13 00-0055 EA 8" Square Purlin Bonding Plate For Aluminum Lightning Protection System.....	82.12	34.43
26 41 13 00-0056 EA 16" Square Bonding Plate For Aluminum Lightning Protection System.....	120.34	55.09
<b>26 41 13 00-0057 Cable Supports (26 41 13 00-0001)</b>		
<b>26 41 13 00-0058 Copper Cable Supports (26 41 13 00-0057)</b>		
26 41 13 00-0059 EA Cable Supports For Copper Lightning Protection System.....	15.20	6.89
26 41 13 00-0060 EA Adhesive Cable Supports For Copper Lightning Protection System.....	16.43	6.89
<b>26 41 13 00-0061 Aluminum Cable Supports (26 41 13 00-0057)</b>		
26 41 13 00-0062 EA Cable Supports For Aluminum Lightning Protection System.....	14.91	6.89
26 41 13 00-0063 EA Adhesive Cable Supports For Aluminum Lightning Protection System.....	15.31	6.89
<b>26 41 13 00-0064 Bonding Straps (26 41 13 00-0001)</b>		
<b>26 41 13 00-0065 Copper Bonding Straps (26 41 13 00-0064)</b>		
26 41 13 00-0066 EA 3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System.....	48.16	20.66
<b>26 41 13 00-0067 Aluminum Bonding Straps (26 41 13 00-0064)</b>		
26 41 13 00-0068 EA 3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System.....	41.29	20.66
<b>26 41 13 00-0069 Accessories For Lightning Protection (26 41 13 00-0001)</b> See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
<b>26 41 13 00-0070 Copper Adapters (26 41 13 00-0069)</b>		
26 41 13 00-0071 EA Swivel Adapters For Copper Lightning Protection System.....	21.17	3.44
<b>26 41 13 00-0072 Aluminum Adapters (26 41 13 00-0069)</b>		
26 41 13 00-0073 EA Swivel Adapters For Aluminum Lightning Protection System.....	14.56	3.44
26 41 13 00-0074 EA Floor Ground Receptacle For Aluminum Lightning Protection System.....	122.47	34.43
<b>26 41 23 Lightning Protection Surge Arresters And Suppressors (26 41)</b>		
<b>26 41 23 00-0001 Surge And Lightning Arrestors (26 41 23)</b>		
<b>26 41 23 00-0002 Metal Top Intermediate Type IMX (26 41 23 00-0001)</b> Note: For outdoor construction, single phase.		
26 41 23 00-0003 EA 3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	829.34	153.97
26 41 23 00-0004 EA 4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	910.44	153.97
26 41 23 00-0005 EA 6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	910.44	153.97
26 41 23 00-0006 EA 7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,061.07	153.97
26 41 23 00-0007 EA 9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,061.07	153.97
26 41 23 00-0008 EA 10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,186.20	153.97
26 41 23 00-0009 EA 12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,186.20	153.97
26 41 23 00-0010 EA 15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,633.96	192.47
26 41 23 00-0011 EA 18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,698.84	192.47
26 41 23 00-0012 EA 21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,849.71	230.96
26 41 23 00-0013 EA 24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	2,016.56	230.96
26 41 23 00-0014 EA 27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	2,435.99	230.96
<b>26 41 23 00-0015 Porcelain Top Intermediate Type IMX (26 41 23 00-0001)</b> Note: For cubicle mounting, single phase.		
26 41 23 00-0016 EA 3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	829.34	153.97
26 41 23 00-0017 EA 4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	910.44	153.97
26 41 23 00-0018 EA 6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	910.44	153.97
26 41 23 00-0019 EA 7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,061.07	153.97
26 41 23 00-0020 EA 9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,061.07	153.97
26 41 23 00-0021 EA 10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,186.20	153.97
26 41 23 00-0022 EA 12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,186.20	153.97
26 41 23 00-0023 EA 15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,633.96	192.47
26 41 23 00-0024 EA 18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,698.84	192.47
26 41 23 00-0025 EA 21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,849.71	230.96
26 41 23 00-0026 EA 24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,016.56	230.96
26 41 23 00-0027 EA 27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,435.99	230.96
<b>26 41 23 00-0028 IMX Accessories (26 41 23 00-0001)</b>		
26 41 23 00-0029 EA 1 Crossarm Bracket Reversible 3-27 KV IMX.....	662.49	153.97
26 41 23 00-0030 EA Single Unit Horizontal Pole Mounted Bracket (IMX).....	653.23	153.97
26 41 23 00-0031 EA 3 Unit Horizontal Pole Mounted Bracket (IMX).....	583.80	153.97
<b>26 41 23 00-0032 Lightning Arrestor And Cutouts (26 41 23 00-0001)</b>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Electrical And Cathodic Protection</b>	<b>26 40</b>	
<b>Facility Lightning Protection</b>	<b>26 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 23 00-0033 EA 3 KV La Distribution Class, Lightning Arrestor.....	402.96	153.97
26 41 23 00-0034 EA 3 KV La Interior Class, Lightning Arrestor.....	891.07	153.97
26 41 23 00-0035 EA 3 KV La Station Class, Lightning Arrestor.....	829.34	153.97
26 41 23 00-0036 EA 9 KV La Distribution Class, Lightning Arrestor.....	453.94	153.97
26 41 23 00-0037 EA 9 KV La Interior Class, Lightning Arrestor.....	1,026.22	153.97
26 41 23 00-0038 EA 9 KV La Station Class, Lightning Arrestor.....	1,061.07	153.97
26 41 23 00-0039 EA 5 KV Enclosed Fused Cutout.....	533.19	153.97
26 41 23 00-0040 EA 15 KV Open Fused Cutout.....	554.10	192.47
26 41 23 00-0041 EA 18 KV La Distribution Class, Lightning Arrestor.....	427.12	153.97
26 41 23 00-0042 EA 18 KV La Interior Class, Lightning Arrestor.....	1,098.45	153.97

**26 43 Surge Protective Devices (26 40)**

**26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits (26 43)**

**26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert LPL

26 43 13 00-0002 EA 120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	186.81	17.22
26 43 13 00-0003 EA 208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	202.27	17.22
26 43 13 00-0004 EA 240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	209.15	20.66
26 43 13 00-0005 EA 277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	175.50	13.77
26 43 13 00-0006 EA 480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	209.15	20.66

**26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert LPL

26 43 13 00-0008 EA 120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	263.00	17.22
26 43 13 00-0009 EA 208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	278.71	20.66
26 43 13 00-0010 EA 208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	271.83	17.22
26 43 13 00-0011 EA 480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	278.71	20.66

**26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert LPL

26 43 13 00-0013 EA 120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	320.42	17.22
26 43 13 00-0014 EA 208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	336.13	20.66
26 43 13 00-0015 EA 277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	300.28	13.77
26 43 13 00-0016 EA 480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	336.13	20.66

**26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert LPM

26 43 13 00-0018 EA 120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	380.04	17.22
26 43 13 00-0019 EA 208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	427.78	20.66
26 43 13 00-0020 EA 277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	361.01	13.77

**26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert LPM

26 43 13 00-0022 EA 208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	676.23	20.66
26 43 13 00-0023 EA 208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	669.35	17.22
26 43 13 00-0024 EA 480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	676.23	20.66

**26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression (26 43 13)**

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026 EA LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	3,964.83	34.43
26 43 13 00-0027 EA Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	4,848.19	34.43

**26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression (26 43 13)**

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

**26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0029)**

Note: Square D. EMA series.

26 43 13 00-0030 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,164.41	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0031 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,487.44	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0032 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,113.56	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0033 EA 320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,816.46	137.72
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0034 EA 480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,095.26	189.36
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	

<b>26</b>	<b>Electrical</b>
<b>26 40</b>	<b>Electrical And Cathodic Protection</b>
<b>26 43</b>	<b>Surge Protective Devices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0035 EA 120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,304.28	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0036 EA 160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,641.09	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0037 EA 240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,350.94	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0038 EA 320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,124.75	137.72
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0039 EA 480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,570.99	189.36
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0040 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,304.28	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0041 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,641.09	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0042 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,350.91	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0043 EA 320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,124.75	137.72
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0044 EA 480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,570.99	189.36
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0045 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,444.16	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0046 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,796.72	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0047 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,590.27	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0048 EA 320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,435.06	137.72
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0049 EA 480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	11,048.66	189.36
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0050 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,606.67	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0051 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,958.27	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0052 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,840.45	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0053 EA 320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,760.09	137.72
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0054 EA 480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,872.81	189.36
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
<b>26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor</b> <sup>(26</sup>		
<sup>43 13 00-0028)</sup>		
Note: Square D EBA series.		
26 43 13 00-0056 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,455.27	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0057 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,969.38	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0058 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,370.91	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0059 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,535.05	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0060 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,087.58	103.29
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0061 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,525.55	120.50
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	
26 43 13 00-0062 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,535.05	89.52
For Surge Counter, Add	335.40	
For Integral Disconnect, Add	438.87	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Electrical And Cathodic Protection</b>	<b>26 40</b>	
<b>Surge Protective Devices</b>	<b>26 43</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0063 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,087.58 335.40 438.87	103.29
26 43 13 00-0064 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,525.55 335.40 438.87	120.50
26 43 13 00-0065 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	2,636.50 335.40 438.87	89.52
26 43 13 00-0066 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,214.64 335.40 438.87	103.29
26 43 13 00-0067 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,723.52 335.40 438.87	120.50
26 43 13 00-0068 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	2,742.88 335.40 438.87	89.52
26 43 13 00-0069 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,349.57 335.40 438.87	103.29
26 43 13 00-0070 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,931.34 335.40 438.87	120.50
<b>26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor</b> (26 43 13 00-0028) Note: Square D EMA series. Stainless steel.		
26 43 13 00-0072 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,095.18 335.40 438.87	89.52
26 43 13 00-0073 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,418.22 335.40 438.87	103.29
26 43 13 00-0074 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	6,044.33 335.40 438.87	120.50
26 43 13 00-0075 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,235.05 335.40 438.87	89.52
26 43 13 00-0076 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,571.87 335.40 438.87	103.29
26 43 13 00-0077 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	6,281.71 335.40 438.87	120.50
26 43 13 00-0078 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,235.05 335.40 438.87	89.52
26 43 13 00-0079 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,571.87 335.40 438.87	103.29
26 43 13 00-0080 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	6,281.68 335.40 438.87	120.50
26 43 13 00-0081 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,374.93 335.40 438.87	89.52
26 43 13 00-0082 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,727.49 335.40 438.87	103.29
26 43 13 00-0083 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	6,521.05 335.40 438.87	120.50
26 43 13 00-0084 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,537.45 335.40 438.87	89.52
26 43 13 00-0085 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,889.05 335.40 438.87	103.29
26 43 13 00-0086 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	6,771.22 335.40 438.87	120.50
<b>26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor</b> (26 43 13 00-0028) Note: Square D EBA series. Stainless steel.		
26 43 13 00-0088 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,386.04 335.40 438.87	89.52
26 43 13 00-0089 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,900.16 335.40 438.87	103.29

**26 Electrical****26 40 Electrical And Cathodic Protection****26 43 Surge Protective Devices**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0090 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	5,301.69 335.40 438.87	120.50
26 43 13 00-0091 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,465.82 335.40 438.87	89.52
26 43 13 00-0092 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,018.35 335.40 438.87	103.29
26 43 13 00-0093 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	5,456.32 335.40 438.87	120.50
26 43 13 00-0094 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,465.82 335.40 438.87	89.52
26 43 13 00-0095 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,018.35 335.40 438.87	103.29
26 43 13 00-0096 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	5,456.32 335.40 438.87	120.50
26 43 13 00-0097 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,567.28 335.40 438.87	89.52
26 43 13 00-0098 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,145.41 335.40 438.87	103.29
26 43 13 00-0099 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	5,654.29 335.40 438.87	120.50
26 43 13 00-0100 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	3,673.65 335.40 438.87	89.52
26 43 13 00-0101 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	4,280.35 335.40 438.87	103.29
26 43 13 00-0102 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Surge Counter, Add</i> <i>For Integral Disconnect, Add</i>	5,862.11 335.40 438.87	120.50

**26 50 Lighting** <sup>(26)</sup>

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

**26 51 Interior Lighting** <sup>(26 50)</sup>**26 51 13 Interior Lighting Fixtures, Lamps, And Ballasts** <sup>(26 51)</sup>**26 51 13 00-0001 Lighting Accessories** <sup>(26 51 13)</sup>**26 51 13 00-0002 Modular Flexible Wiring Systems** <sup>(26 51 13 00-0001)</sup>

26 51 13 00-0003 EA 10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10) .....	52.85	3.72
26 51 13 00-0004 EA 15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15) .....	62.04	3.72
26 51 13 00-0005 EA 20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20) .....	74.88	3.72
26 51 13 00-0006 EA 15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15) .....	62.04	3.72
26 51 13 00-0007 EA 3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E) .....	52.75	3.72
26 51 13 00-0008 EA 13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13) .....	78.60	3.72
26 51 13 00-0009 EA 3' Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M) .....	43.07	3.72
26 51 13 00-0010 EA 3' Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E) .....	48.79	3.72
26 51 13 00-0011 EA 7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07) .....	62.95	3.72
26 51 13 00-0012 EA 7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07) .....	62.95	3.72
26 51 13 00-0013 EA 7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07) .....	64.03	3.72
26 51 13 00-0014 EA 7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07) .....	63.63	3.72
26 51 13 00-0015 EA 7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07) .....	63.63	3.72
26 51 13 00-0016 EA 15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15) .....	73.25	3.72
26 51 13 00-0017 EA 3' Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D) .....	33.22	3.72
26 51 13 00-0018 EA 3' Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E) .....	30.97	3.72
26 51 13 00-0019 EA 3' Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E) .....	31.75	3.72
26 51 13 00-0020 EA 3' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E) .....	40.08	3.72
26 51 13 00-0021 EA 15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15) .....	52.85	3.72
26 51 13 00-0022 EA 15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15) .....	54.20	3.72
26 51 13 00-0023 EA Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E) .....	42.15	3.72
26 51 13 00-0024 EA 3' Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E) .....	30.97	3.72
26 51 13 00-0025 EA Remove And Reinstall Of Modular Wiring Complete Including Storage And Cleaning .....	30.98	

**26 51 13 00-0026 Removal And Reinstallation Of Light Fixtures** <sup>(26 51 13)</sup>

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 13 00-0027 EA Remove And Reinstall Lay-In Fluorescent Light Fixture .....	73.34	
26 51 13 00-0028 EA Remove And Reinstall Surface Mounted Or Pendant Light Fixture .....	83.82	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0029 Fluorescent Fixtures <small>(26 51 13)</small>		
26 51 13 00-0030 Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
26 51 13 00-0031 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0030)</small>		
26 51 13 00-0032 EA 1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture .....	92.69	19.70
26 51 13 00-0033 EA 2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	103.83	19.70
26 51 13 00-0034 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0030)</small>		
26 51 13 00-0035 EA 1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	105.78	20.52
26 51 13 00-0036 EA 2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	119.44	20.52
26 51 13 00-0037 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0030)</small>		
26 51 13 00-0038 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	127.34	23.04
26 51 13 00-0039 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	151.25	23.04
26 51 13 00-0040 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	177.38	23.04
26 51 13 00-0041 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0030)</small>		
26 51 13 00-0042 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture .....	102.81	25.18
26 51 13 00-0043 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture .....	118.20	25.18
26 51 13 00-0044 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0030)</small>		
26 51 13 00-0045 EA 2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	161.93	29.34
26 51 13 00-0046 EA 3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	175.29	29.34
26 51 13 00-0047 EA 4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture .....	199.16	29.34
26 51 13 00-0048 Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
Note: Includes prismatic lens.		
26 51 13 00-0049 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0048)</small>		
26 51 13 00-0050 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	126.67	22.85
26 51 13 00-0051 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	202.42	22.85
26 51 13 00-0052 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	231.20	22.85
26 51 13 00-0053 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0048)</small>		
26 51 13 00-0054 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	190.81	25.18
26 51 13 00-0055 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	208.12	25.18
26 51 13 00-0056 EA 4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	220.67	25.18
26 51 13 00-0057 2' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0048)</small>		
26 51 13 00-0058 EA 2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	197.35	29.34
26 51 13 00-0059 EA 3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	217.27	29.34
26 51 13 00-0060 EA 4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	229.02	29.34
26 51 13 00-0061 EA 6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	247.73	29.34
26 51 13 00-0062 4' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0048)</small>		
26 51 13 00-0063 EA 4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	387.17	37.77
26 51 13 00-0064 EA 6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	396.75	37.77
26 51 13 00-0065 EA 8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	492.89	37.77
26 51 13 00-0066 Recessed Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
26 51 13 00-0067 Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0066)</small>		
26 51 13 00-0068 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0067)</small>		
26 51 13 00-0069 EA 2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	118.27	19.70
For Drywall Or Plaster Ceilings, Add	13.32	
26 51 13 00-0070 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0067)</small>		
26 51 13 00-0071 EA 2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	155.35	22.85
For Drywall Or Plaster Ceilings, Add	15.58	
26 51 13 00-0072 EA 2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	269.30	22.85
For Drywall Or Plaster Ceilings, Add	15.58	
26 51 13 00-0073 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0067)</small>		
26 51 13 00-0074 EA 2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	155.10	25.18
For Drywall Or Plaster Ceilings, Add	17.00	
26 51 13 00-0075 EA 3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	176.13	25.18
For Drywall Or Plaster Ceilings, Add	17.00	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 51</b>	<b>Interior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0076	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	178.99 17.00	25.18
26 51	13 00-0077	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	193.04 17.00	25.18
<b>26 51</b>	<b>13 00-0078</b>		<b>2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture</b> (26 51 13 00-0067)		
26 51	13 00-0079	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	156.05 19.83	29.34
26 51	13 00-0080	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	211.35 19.83	29.34
26 51	13 00-0081	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	216.14 19.83	29.34
26 51	13 00-0082	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	243.20 19.83	29.34
26 51	13 00-0083	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	203.05 19.83	29.34
26 51	13 00-0084	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	272.54 19.83	29.34
26 51	13 00-0085	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	280.47 19.83	29.34
<b>26 51</b>	<b>13 00-0086</b>		<b>Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0066)		
<b>26 51</b>	<b>13 00-0087</b>		<b>1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0086)		
26 51	13 00-0088	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	134.85 13.32	19.70
26 51	13 00-0089	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	137.70 13.32	19.70
26 51	13 00-0090	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	159.98 13.32	19.70
<b>26 51</b>	<b>13 00-0091</b>		<b>1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0086)		
26 51	13 00-0092	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	155.01 15.58	22.85
26 51	13 00-0093	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	159.79 15.58	22.85
26 51	13 00-0094	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	180.54 15.58	22.85
<b>26 51</b>	<b>13 00-0095</b>		<b>2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0086)		
26 51	13 00-0096	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	159.32 17.00	25.18
26 51	13 00-0097	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	162.18 17.00	25.18
26 51	13 00-0098	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	184.14 17.00	25.18
<b>26 51</b>	<b>13 00-0099</b>		<b>2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0086)		
26 51	13 00-0100	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	156.05 19.83	29.34
26 51	13 00-0101	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	181.32 19.83	29.34
26 51	13 00-0102	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	205.45 19.83	29.34
26 51	13 00-0103	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	234.46 19.83	29.34
<b>26 51</b>	<b>13 00-0104</b>		<b>Direct-Indirect, Recessed Fluorescent Fixtures</b> (26 51 13 00-0066)		
<b>26 51</b>	<b>13 00-0105</b>		<b>1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures</b> (26 51 13 00-0104)		
26 51	13 00-0106	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	276.84 15.58	22.85
26 51	13 00-0107	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	281.63 15.58	22.85
26 51	13 00-0108	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	325.93 15.58	22.85
26 51	13 00-0109	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	333.86 15.58	22.85
<b>26 51</b>	<b>13 00-0110</b>		<b>2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures</b> (26 51 13 00-0104)		
26 51	13 00-0111	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	223.59 17.00	25.18
26 51	13 00-0112	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	248.52 17.00	25.18





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0113	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	304.28 17.00	25.18
<b>26 51</b>	<b>13 00-0114</b>		<b>2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures</b> (26 51 13 00-0104)		
26 51	13 00-0115	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	254.16 19.83	29.34
26 51	13 00-0116	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	311.40 19.83	29.34
26 51	13 00-0117	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	324.40 19.83	29.34
26 51	13 00-0118	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	357.44 19.83	29.34
<b>26 51</b>	<b>13 00-0119</b>		<b>Volumetric, Recessed Fluorescent Fixtures</b> (26 51 13 00-0066)		
<b>26 51</b>	<b>13 00-0120</b>		<b>1' x 4', Volumetric, Recessed Fluorescent Fixtures</b> (26 51 13 00-0119)		
26 51	13 00-0121	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	217.01 15.58	22.85
26 51	13 00-0122	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	283.01 15.58	22.85
<b>26 51</b>	<b>13 00-0123</b>		<b>2' x 2', Volumetric, Recessed Fluorescent Fixtures</b> (26 51 13 00-0119)		
26 51	13 00-0124	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	217.52 17.00	25.18
26 51	13 00-0125	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	247.03 17.00	25.18
<b>26 51</b>	<b>13 00-0126</b>		<b>2' x 4', Volumetric, Recessed Fluorescent Fixtures</b> (26 51 13 00-0119)		
26 51	13 00-0127	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	242.05 19.83	29.34
26 51	13 00-0128	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	242.54 19.83	29.34
<b>26 51</b>	<b>13 00-0129</b>		<b>Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0066)		
<b>26 51</b>	<b>13 00-0130</b>		<b>1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0129)		
26 51	13 00-0131	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	208.31 15.58	22.85
<b>26 51</b>	<b>13 00-0132</b>		<b>2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0129)		
26 51	13 00-0133	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	198.29 17.00	25.18
<b>26 51</b>	<b>13 00-0134</b>		<b>2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0129)		
26 51	13 00-0135	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	241.68 19.83	29.34
26 51	13 00-0136	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	313.74 19.83	29.34
26 51	13 00-0137	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	279.34 19.83	29.34
<b>26 51</b>	<b>13 00-0138</b>		<b>Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0066)		
<b>26 51</b>	<b>13 00-0139</b>		<b>1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0138)		
26 51	13 00-0140	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	199.35 15.58	22.85
<b>26 51</b>	<b>13 00-0141</b>		<b>2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0138)		
26 51	13 00-0142	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	198.07 17.00	25.18
<b>26 51</b>	<b>13 00-0143</b>		<b>2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> (26 51 13 00-0138)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0144	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	246.71 19.83	29.34
26 51	13 00-0145	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	253.25 19.83	29.34
26 51	13 00-0146	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	261.74 19.83	29.34
<b>26 51</b>	<b>13 00-0147</b>		<b>Striplight Fluorescent Fixtures</b> <small>(26 51 13 00-0029)</small>		
<b>26 51</b>	<b>13 00-0148</b>		<b>1 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 13 00-0147)</small>		
26 51	13 00-0149	EA	1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture.....	89.53	18.89
26 51	13 00-0150	EA	1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture.....	107.36	18.89
26 51	13 00-0151	EA	1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture.....	107.17	20.96
26 51	13 00-0152	EA	1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture.....	111.71	23.04
26 51	13 00-0153	EA	1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture.....	134.39	24.93
<b>26 51</b>	<b>13 00-0154</b>		<b>2 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 13 00-0147)</small>		
26 51	13 00-0155	EA	2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture.....	109.48	20.96
26 51	13 00-0156	EA	2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture.....	113.71	23.04
26 51	13 00-0157	EA	2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture.....	119.64	25.18
<b>26 51</b>	<b>13 00-0158</b>		<b>3 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 13 00-0147)</small>		
26 51	13 00-0159	EA	3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture.....	154.10	20.96
26 51	13 00-0160	EA	3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture.....	151.11	23.04
26 51	13 00-0161	EA	3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture.....	158.44	25.18
<b>26 51</b>	<b>13 00-0162</b>		<b>Industrial Fluorescent Fixtures</b> <small>(26 51 13 00-0029)</small>		
<b>26 51</b>	<b>13 00-0163</b>		<b>1 Lamp Cross Section, Industrial Fluorescent Fixtures</b> <small>(26 51 13 00-0162)</small>		
26 51	13 00-0164	EA	1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture.....	123.88	18.89
26 51	13 00-0165	EA	1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture.....	134.01	23.04
26 51	13 00-0166	EA	1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture.....	237.65	29.34
<b>26 51</b>	<b>13 00-0167</b>		<b>2 Lamp Cross Section, Industrial Fluorescent Fixtures</b> <small>(26 51 13 00-0162)</small>		
26 51	13 00-0168	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture.....	129.88	20.96
26 51	13 00-0169	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture.....	141.94	25.18
26 51	13 00-0170	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture.....	247.22	29.34
<b>26 51</b>	<b>13 00-0171</b>		<b>3 Lamp Cross Section, Industrial Fluorescent Fixtures</b> <small>(26 51 13 00-0162)</small>		
26 51	13 00-0172	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture.....	135.64	20.96
26 51	13 00-0173	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture.....	148.92	25.18
26 51	13 00-0174	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture.....	223.77	29.34
<b>26 51</b>	<b>13 00-0175</b>		<b>4 Lamp Cross Section, Industrial Fluorescent Fixtures</b> <small>(26 51 13 00-0162)</small>		
26 51	13 00-0176	EA	4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture.....	198.29	25.18
26 51	13 00-0177	EA	4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture.....	291.63	29.34
<b>26 51</b>	<b>13 00-0178</b>		<b>Undercabinet Fluorescent Fixtures</b> <small>(26 51 13 00-0029)</small>		
26 51	13 00-0179	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	68.74	16.99
26 51	13 00-0180	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture.....	80.63	20.77
26 51	13 00-0181	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	79.53	20.77
26 51	13 00-0182	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	94.61	22.66
26 51	13 00-0183	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture.....	110.05	26.44
<b>26 51</b>	<b>13 00-0184</b>		<b>Corner Mounted, Fluorescent Fixtures</b> <small>(26 51 13 00-0029)</small> Note: Includes acrylic drop dish diffuser.		
<b>26 51</b>	<b>13 00-0185</b>		<b>2' Length, Corner Mounted, Fluorescent Fixtures</b> <small>(26 51 13 00-0184)</small>		
26 51	13 00-0186	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture.....	122.67	18.89
26 51	13 00-0187	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture.....	136.51	18.89
<b>26 51</b>	<b>13 00-0188</b>		<b>3' Length, Corner Mounted, Fluorescent Fixtures</b> <small>(26 51 13 00-0184)</small>		
26 51	13 00-0189	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture.....	139.58	19.83
26 51	13 00-0190	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture.....	152.86	19.83
<b>26 51</b>	<b>13 00-0191</b>		<b>4' Length, Corner Mounted, Fluorescent Fixtures</b> <small>(26 51 13 00-0184)</small>		
26 51	13 00-0192	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture.....	139.32	20.77
26 51	13 00-0193	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture.....	154.50	20.77



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0194 Wall Bracket, Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
26 51 13 00-0195 Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 13 00-0194)</small> Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0196 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 13 00-0195)</small>		
26 51 13 00-0197 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	205.89	31.68
26 51 13 00-0198 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	208.32	31.68
26 51 13 00-0199 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 13 00-0195)</small>		
26 51 13 00-0200 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	287.84	31.68
26 51 13 00-0201 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	291.23	31.68
26 51 13 00-0202 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 13 00-0195)</small>		
26 51 13 00-0203 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	301.89	31.68
26 51 13 00-0204 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W).....	304.32	31.68
26 51 13 00-0205 Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 13 00-0194)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0206 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 13 00-0205)</small>		
26 51 13 00-0207 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	324.92	31.68
26 51 13 00-0208 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	327.35	31.68
26 51 13 00-0209 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 13 00-0205)</small>		
26 51 13 00-0210 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	276.28	31.68
26 51 13 00-0211 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	279.67	31.68
26 51 13 00-0212 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 13 00-0205)</small>		
26 51 13 00-0213 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	293.40	31.68
26 51 13 00-0214 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	295.83	31.68
26 51 13 00-0215 Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0194)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0216 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0215)</small>		
26 51 13 00-0217 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	193.97	31.68
26 51 13 00-0218 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	196.39	31.68
26 51 13 00-0219 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0215)</small>		
26 51 13 00-0220 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	194.93	31.68
26 51 13 00-0221 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	198.32	31.68
26 51 13 00-0222 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0215)</small>		
26 51 13 00-0223 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	184.83	31.68
26 51 13 00-0224 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	187.26	31.68
26 51 13 00-0225 Low Occupancy, Industrial Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
26 51 13 00-0226 EA 1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	283.09	23.04
26 51 13 00-0227 EA 2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	286.23	25.18
26 51 13 00-0228 Accessories And Modifiers For Fluorescent Fixtures <small>(26 51 13 00-0029)</small>		
26 51 13 00-0229 Lens Modifications <small>(26 51 13 00-0228)</small>		
26 51 13 00-0230 EA For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	18.77	
26 51 13 00-0231 EA For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	23.19	
26 51 13 00-0232 EA For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	24.29	
26 51 13 00-0233 EA For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	26.50	
26 51 13 00-0234 EA For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	32.02	
26 51 13 00-0235 EA For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	7.73	
26 51 13 00-0236 EA For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	11.04	
26 51 13 00-0237 EA For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	12.15	
26 51 13 00-0238 EA For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	14.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0239			<b>Pendant Mounting Modifications</b> <small>(26 51 13 00-0228)</small> Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 13 00-0240	EA		For Pendant Mounting Up to 1'-6" Long Section.....	8.39	
			Note: Per pendant.		
26 51 13 00-0241	EA		For Pendant Mounting 2' Long Section.....	9.72	
			Note: Per pendant.		
26 51 13 00-0242	EA		For Pendant Mounting 3' Long Section.....	12.43	
			Note: Per pendant.		
26 51 13 00-0243	EA		For Pendant Mounting 4' Long Section.....	14.69	
			Note: Per pendant.		
26 51 13 00-0244	EA		For Pendant Mounting 6' Long Section.....	18.55	
			Note: Per pendant.		
26 51 13 00-0245	EA		For Pendant Mounting 8' Long Section.....	25.18	
			Note: Per pendant.		
26 51 13 00-0246			<b>LED Fixtures</b> <small>(26 51 13)</small>		
26 51 13 00-0247			<b>Undercabinet LED Fixtures</b> <small>(26 51 13 00-0246)</small>		
26 51 13 00-0248	EA		12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6) .....	107.55	16.99
26 51 13 00-0249	EA		18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6) .....	137.48	20.77
26 51 13 00-0250	EA		24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6) .....	155.47	20.77
26 51 13 00-0251			<b>Striplight LED Fixtures</b> <small>(26 51 13 00-0246)</small>		
26 51 13 00-0252			<b>Striplight LED Fixtures</b> <small>(26 51 13 00-0251)</small>		
26 51 13 00-0253	EA		2' Length, 3,000 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1) .....	223.02	18.89
26 51 13 00-0254	EA		4' Length, 2,800 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1) .....	229.32	23.04
26 51 13 00-0255	EA		2' Length, 1,400 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2) .....	219.63	18.89
26 51 13 00-0256	EA		4' Length, 2,300 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2) .....	225.93	23.04
26 51 13 00-0257	EA		4' Length, 4,600 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2) .....	293.56	23.04
26 51 13 00-0258			<b>Lay-In/Troffer LED Fixtures</b> <small>(26 51 13 00-0246)</small>		
26 51 13 00-0259			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures</b> <small>(26 51 13 00-0258)</small>		
26 51 13 00-0260			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia)</b> <small>(26 51 13 00-0259)</small>		
26 51 13 00-0261	EA		4,300 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4) .....	391.00	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0262	EA		3,300 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2) .....	309.61	25.18
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	17.00	
26 51 13 00-0263	EA		4,600 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4) .....	375.54	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0264			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera)</b> <small>(26 51 13 00-0259)</small>		
26 51 13 00-0265	EA		3,200 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4) .....	438.37	29.34
26 51 13 00-0266	EA		3,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5) .....	302.26	25.18
26 51 13 00-0267	EA		4,175 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4) .....	393.97	29.34
26 51 13 00-0268			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED)</b> <small>(26 51 13 00-0259)</small>		
26 51 13 00-0269	EA		2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E) .....	182.67	25.18
26 51 13 00-0270	EA		3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E) .....	203.67	25.18
26 51 13 00-0271	EA		3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40) .....	191.07	25.18
26 51 13 00-0272	EA		4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45) .....	198.77	25.18
26 51 13 00-0273	EA		4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50) .....	202.62	25.18
26 51 13 00-0274			<b>Volumetric, Lay-In/Troffer LED Fixtures</b> <small>(26 51 13 00-0258)</small>		
26 51 13 00-0275			<b>Volumetric, Lay-In/Troffer LED Fixtures (Lithonia)</b> <small>(26 51 13 00-0274)</small>		
26 51 13 00-0276	EA		2,500 Lumens, 1' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4) .....	384.73	22.85
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	15.58	
26 51 13 00-0277	EA		2,400 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) .....	332.20	25.18
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	17.00	
26 51 13 00-0278	EA		3,300 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) .....	339.30	25.18
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	17.00	
26 51 13 00-0279	EA		4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) .....	369.89	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0280	EA		4,800 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) .....	394.17	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0281	EA		2,400 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4) .....	311.67	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0282	EA		4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4) .....	311.67	29.34
			<i>For Drywall Or Plaster Ceilings, Add</i> .....	19.83	
26 51 13 00-0283			<b>Architectural, Lay-In/Troffer LED Fixtures</b> <small>(26 51 13 00-0258)</small>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 13 00-0284 Architectural, Lay-In/Troffer LED Fixtures (Lithonia)</b> <small>(26 51 13 00-0283)</small> Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0285 EA 2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	350.97	29.34
For Drywall Or Plaster Ceilings, Add	19.83	
26 51 13 00-0286 EA 4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	419.99	29.34
For Drywall Or Plaster Ceilings, Add	19.83	
26 51 13 00-0287 EA 6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	482.11	29.34
For Drywall Or Plaster Ceilings, Add	19.83	
<b>26 51 13 00-0288 Architectural, Lay-In/Troffer LED Fixtures (CREE®)</b> <small>(26 51 13 00-0283)</small> Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0289 EA 2,200 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	343.49	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	88.76	
For Surface Mount, Add	166.39	
26 51 13 00-0290 EA 3,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	350.55	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	88.76	
For Surface Mount, Add	166.39	
26 51 13 00-0291 EA 4,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	350.55	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	88.76	
For Surface Mount, Add	166.39	
26 51 13 00-0292 EA 5,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	394.06	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	88.76	
For Surface Mount, Add	166.39	
26 51 13 00-0293 EA 2,000 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™) .....	283.10	25.18
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	77.75	
For Surface Mount, Add	156.90	
26 51 13 00-0294 EA 3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™) .....	300.74	25.18
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	77.75	
For Surface Mount, Add	156.90	
26 51 13 00-0295 EA 3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (CREE® AR22™) .....	272.51	25.18
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	77.75	
For Surface Mount, Add	156.90	
26 51 13 00-0296 EA 3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR22™).....	300.74	25.18
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	77.75	
For Surface Mount, Add	156.90	
26 51 13 00-0297 EA 2,200 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	343.49	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0298 EA 3,100 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	350.55	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0299 EA 4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	350.55	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0300 EA 4,000 Lumens, High Efficiency, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® CR24™).....	437.21	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0301 EA 5,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	394.06	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0302 EA 4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® AR24™) .....	316.45	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
26 51 13 00-0303 EA 4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR24™).....	343.49	29.34
For Expanded Size Junction Box For Through Wiring, Add	3.29	
For Drywall Or Plaster Ceilings, Add	91.11	
For Surface Mount, Add	181.68	
<b>26 51 13 00-0304 Architectural, Lay-In/Troffer LED Fixtures (Metalux®)</b> <small>(26 51 13 00-0283)</small> Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0305 EA 2,500 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	258.89	25.18
26 51 13 00-0306 EA 4,700 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	348.63	29.34
<b>26 51 13 00-0307 Shadow Box Style, Lay-In/Troffer LED Fixtures</b> <small>(26 51 13 00-0258)</small>		
<b>26 51 13 00-0308 Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL)</b> <small>(26 51 13 00-0307)</small>		

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 51</b>	<b>Interior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0309	EA	3,300 Lumens, 2' x 2', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)..... <i>For Drywall Or Plaster Ceilings, Add</i>	316.70 17.00	25.18
26 51	13 00-0310	EA	4,600 Lumens, 2' x 4', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)..... <i>For Drywall Or Plaster Ceilings, Add</i>	432.20 19.83	29.34
26 51	13 00-0311		<b>Panel Type, Lay-In/Troffer LED Fixtures</b> (26 51 13 00-0258)		
26 51	13 00-0312		<b>Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy)</b> (26 51 13 00-0311)		
26 51	13 00-0313	EA	3,100 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34) .....	219.42	29.34
26 51	13 00-0314	EA	3,100 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34) .....	221.52	25.18
26 51	13 00-0315	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40) .....	283.47	29.34
26 51	13 00-0316	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52) .....	283.47	29.34
26 51	13 00-0317		<b>Surface Mount LED Fixtures</b> (26 51 13 00-0246)		
26 51	13 00-0318		<b>Surface Mount, Volumetric LED Fixtures</b> (26 51 13 00-0317)		
26 51	13 00-0319	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2) .....	314.53	18.89
26 51	13 00-0320	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4) .....	358.37	23.04
26 51	13 00-0321		<b>Surface Mount, Wraparound LED Fixtures</b> (26 51 13 00-0317)		
26 51	13 00-0322	EA	2' Length, 3,500 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2).....	177.27	23.04
26 51	13 00-0323	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4).....	180.59	23.04
26 51	13 00-0324		<b>Surface Mount, Shadow Box Style LED Fixtures</b> (26 51 13 00-0317)		
26 51	13 00-0325		<b>Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX)</b> (26 51 13 00-0324)		
26 51	13 00-0326	EA	3,300 Lumens, 2' x 2', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2).....	405.95	25.18
26 51	13 00-0327	EA	4,600 Lumens, 2' x 4', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4).....	521.45	29.34
26 51	13 00-0328		<b>Recessed LED Downlights</b> (26 51 13 00-0246)		
26 51	13 00-0329		<b>Recessed LED Downlights</b> (26 51 13 00-0328)		
26 51	13 00-0330		<b>Recessed LED Downlights (Lithonia)</b> (26 51 13 00-0329) Note: Includes housing and trim.		
26 51	13 00-0331	EA	1,200 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)..... <i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	349.58 80.45	30.30
26 51	13 00-0332	EA	1,500 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)..... <i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	384.09 80.45	30.30
26 51	13 00-0333		<b>Recessed LED Downlights (Portfolio®)</b> (26 51 13 00-0329) Note: Includes housing and trim.		
26 51	13 00-0334	EA	1,300 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Portfolio® LD413) .....	202.81	30.30
26 51	13 00-0335		<b>Recessed LED Downlights (Gotham® EVO®)</b> (26 51 13 00-0329) Note: Includes housing and trim.		
26 51	13 00-0336	EA	1,800 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED).....	307.55	30.30
26 51	13 00-0337	EA	1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	319.66	30.30
26 51	13 00-0338	EA	1,800 Lumens, 6" Diameter, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED) .....	369.33	30.30
26 51	13 00-0339	EA	1,800 Lumens, 6" Diameter, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....	374.18	30.30
26 51	13 00-0340	EA	1,800 Lumens, 6" Diameter, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED) .....	416.58	30.30
26 51	13 00-0341		<b>Recessed LED Downlights (Lightolier)</b> (26 51 13 00-0329) Note: Includes housing and trim.		
26 51	13 00-0342	EA	500 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L05DL) .....	304.72	30.30
26 51	13 00-0343	EA	1,000 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L10DL) .....	357.14	30.30
26 51	13 00-0344	EA	1,500 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL) .....	383.30	30.30
26 51	13 00-0345	EA	2,000 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL) .....	383.30	30.30
26 51	13 00-0346	EA	1,500 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL) .....	396.43	30.30
26 51	13 00-0347	EA	2,000 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL) .....	409.58	30.30
26 51	13 00-0348		<b>Recessed LED Downlight Retrofits And Trim (CREE®)</b> (26 51 13 00-0328)		
26 51	13 00-0349		<b>Recessed LED Downlight Retrofits (CREE®)</b> (26 51 13 00-0348) Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51	13 00-0350	EA	575 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (Cree® CR4-575L) .....	69.30	
26 51	13 00-0351	EA	625 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-625L) .....	59.89	
26 51	13 00-0352	EA	800 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-800L) .....	74.00	
26 51	13 00-0353	EA	650 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6C-277) .....	135.89	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0354 EA 1,000 Lumens, Deep Recess, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6C-DR100-277) .....	102.48	
26 51 13 00-0355 EA 500 Lumens, 6" Diameter, Adjustable Recessed LED Downlight Retrofit (Cree® LE6C-GU24) .....	104.86	
26 51 13 00-0356 EA 1,000 Lumens, Deep Recess, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR).....	110.82	
<b>26 51 13 00-0357 Recessed LED Downlight Retrofits Trim (CREE®) (26 51 13 00-0348)</b>		
Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 13 00-0358 EA 6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX) .....	26.79	4.82
26 51 13 00-0359 EA 6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP).....	27.04	4.82
26 51 13 00-0360 EA 6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB) .....	27.97	4.82
<b>26 51 13 00-0361 Recessed LED Downlight Fixture Housings (CREE®) (26 51 13 00-0348)</b>		
Note: Excludes lamp and trim.		
26 51 13 00-0362 EA 6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6) .....	59.61	20.66
26 51 13 00-0363 EA 6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6).....	42.91	20.66
<b>26 51 13 00-0364 Can Retrofit Or Surface Mount, LED Downlights (26 51 13 00-0328)</b>		
26 51 13 00-0365 EA 15 Watt, 6" Diameter, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6) .....	80.22	18.89
26 51 13 00-0366 EA 7 Watt, 4" Diameter, Can Retrofit, LED Downlight (Green Creative 01-811-D) .....	60.06	18.89
26 51 13 00-0367 EA 9.5 Watt, 6" Diameter, Can Retrofit, LED Downlight (Green Creative 01-808-D) .....	60.06	18.89
26 51 13 00-0368 EA 8.9 Watt, 6" Diameter, Can Retrofit, LED Downlight (Lithonia 6BP) .....	71.94	18.89
For Recessed IC/Non-IC Rated Housing For New Construction, Add		26.63
<b>26 51 13 00-0369 Wall Mount LED Cylinder Downlight (26 51 13 00-0246)</b>		
26 51 13 00-0370 EA 2,200 Lumens, 9" Diameter, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9).....	429.75	29.34
<b>26 51 13 00-0371 Concealed Continuous LED Fixtures (26 51 13 00-0246)</b>		
<b>26 51 13 00-0372 Concealed Continuous LED Fixtures (Fraqtir™ S301) (26 51 13 00-0371)</b>		
26 51 13 00-0373 LF Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301) .....	358.19	3.15
26 51 13 00-0374 LF Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301).....	408.34	3.15
<b>26 51 13 00-0375 LED Low Bay Fixtures (26 51 13 00-0246)</b>		
<b>26 51 13 00-0376 LED Linear Low Bay Fixtures (PlanLED) (26 51 13 00-0375)</b>		
26 51 13 00-0377 EA 4' Length, 23 System Watts, LED Linear Low Bay Fixture (PlanLED A1W4) .....	175.30	37.77
26 51 13 00-0378 EA 4' Length, 42 System Watts, LED Linear Low Bay Fixture (PlanLED A2W4A) .....	233.05	37.77
26 51 13 00-0379 EA 8' Length, 84 System Watts, LED Linear Low Bay Fixture (PlanLED A2W5A) .....	382.14	47.22
<b>26 51 13 00-0380 LED Linear Low Bay Fixtures (CREE® CS) (26 51 13 00-0375)</b>		
Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 13 00-0381 EA 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™).....	490.56	37.77
26 51 13 00-0382 EA 7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™).....	609.79	47.22
26 51 13 00-0383 EA 8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™).....	785.01	47.22
<b>26 51 13 00-0384 LED Linear Low Bay Fixtures (Lithonia MSL) (26 51 13 00-0375)</b>		
Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0385 EA 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL).....	491.58	37.77
<b>26 51 13 00-0386 Wet/Hazardous Location, LED Fixtures (26 51 13 00-0246)</b>		
<b>26 51 13 00-0387 Wet Location, LED Fixtures (26 51 13 00-0386)</b>		
<b>26 51 13 00-0388 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) (26 51 13 00-0387)</b>		
Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0389 EA 47 System Watts, 3,240 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L).....	1,075.06	52.88
For Ceiling Mount, Add		162.28
For Quick Clip Mounting Option, Add		19.39
For Frosted Lens, Add		41.69
For Warm White Color Rendering, Add		55.84
For Stanchion Mount, Add		214.42
For Wall Mount, Add		220.96
For Polycarbonate Lens, Add		80.40
For Teflon Coated Lens, Add		88.49
For 347 Or 480 Volt AC, Add		121.77

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0390	EA		63 System Watts, 3,778 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L).....	1,125.68	56.66
			<i>For Ceiling Mount, Add</i>	162.28	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	41.69	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Stanchion Mount, Add</i>	214.42	
			<i>For Wall Mount, Add</i>	220.96	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For Teflon Coated Lens, Add</i>	88.49	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0391	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L).....	1,266.71	60.44
			<i>For Ceiling Mount, Add</i>	162.28	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	41.69	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Stanchion Mount, Add</i>	214.42	
			<i>For Wall Mount, Add</i>	220.96	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For Teflon Coated Lens, Add</i>	88.49	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0392	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L).....	1,567.24	64.21
			<i>For Ceiling Mount, Add</i>	162.28	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	41.69	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Stanchion Mount, Add</i>	214.42	
			<i>For Wall Mount, Add</i>	220.96	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For Teflon Coated Lens, Add</i>	88.49	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0393	EA		137 System Watts, 9,720 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	1,831.52	67.99
			<i>For Ceiling Mount, Add</i>	162.28	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	41.69	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Stanchion Mount, Add</i>	214.42	
			<i>For Wall Mount, Add</i>	220.96	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For Teflon Coated Lens, Add</i>	88.49	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0394			<b>Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM)</b> <small>(26 51 13 00-0387)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0395	EA		64 System Watts, 3,160 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM5L).....	1,164.30	56.66
			<i>For Bolt-On Visor, Add</i>	30.49	
			<i>For Bolt-On Wire Guard, Add</i>	55.84	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0396	EA		94 System Watts, 4,740 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM7L).....	1,447.25	60.44
			<i>For Bolt-On Visor, Add</i>	30.49	
			<i>For Bolt-On Wire Guard, Add</i>	55.84	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0397	EA		126 System Watts, 6,320 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM9L).....	1,594.86	64.21
			<i>For Bolt-On Visor, Add</i>	30.49	
			<i>For Bolt-On Wire Guard, Add</i>	55.84	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0398	EA		188 System Watts, 9,481 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM11L).....	1,829.06	67.99
			<i>For Bolt-On Visor, Add</i>	30.49	
			<i>For Bolt-On Wire Guard, Add</i>	55.84	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0399			<b>Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L)</b> <small>(26 51 13 00-0387)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0400	EA		25 System Watts, 1,400 Lumens, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	685.32	52.88
			<i>For 12/24 Volt DC Driver, Add</i>	23.56	
			<i>For Frosted Lens, Add</i>	26.53	
			<i>For 55 Degree Ambient Suitability (AC Only), Add</i>	32.06	
			<i>For Warm White Color Rendering, Add</i>	37.54	
			<i>For Ceiling Mount, Add</i>	143.83	
			<i>For Wall Mount, Add</i>	167.09	
			<i>For Teflon Coated Lens, Add</i>	101.76	
			<i>For Wall Mount With Junction Box, Add</i>	201.04	
26 51 13 00-0401			<b>Class I Division 2, Hazardous Location, LED Fixtures</b> <small>(26 51 13 00-0386)</small>		
26 51 13 00-0402			<b>Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV)</b> <small>(26 51 13 00-0401)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0403	EA		64 System Watts, 3,160 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV5L).....	1,336.12	56.66
			<i>For Bolt-On Visor, Add</i>	35.06	
			<i>For Bolt-On Wire Guard, Add</i>	64.21	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0404	EA		94 System Watts, 4,740 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV7L).....	1,635.63	60.44
			<i>For Bolt-On Visor, Add</i>	35.06	
			<i>For Bolt-On Wire Guard, Add</i>	64.21	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0405	EA		126 System Watts, 6,320 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV9L).....	1,847.19	64.21
			<i>For Bolt-On Visor, Add</i>	35.06	
			<i>For Bolt-On Wire Guard, Add</i>	64.21	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0406	EA		188 System Watts, 9,481 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV11L).....	2,064.60	67.99
			<i>For Bolt-On Visor, Add</i>	35.06	
			<i>For Bolt-On Wire Guard, Add</i>	64.21	
			<i>For Factory Installed Fuse, Add</i>	78.54	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
			<i>For Warm White Color Rendering, Add</i>	124.42	
26 51 13 00-0407			<b>Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)</b> <small>(26 51 13 00-0401)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0408	EA		25 System Watts, 1,600 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC).....	813.09	52.88
			<i>For 12/24 Volt DC Driver, Add</i>	20.49	
			<i>For Frosted Lens, Add</i>	23.07	
			<i>For Warm White Color Temperature LEDs, Add</i>	27.88	
			<i>For 55 Degree Ambient Suitability (AC Only) Option, Add</i>	32.64	
			<i>For Stanchion Mount, Add</i>	149.33	
			<i>For Ceiling Mount, Add</i>	166.47	
			<i>For Wall Mount, Add</i>	190.89	
			<i>For Teflon Coated Lens, Add</i>	88.49	
			<i>For Wall Mount With Junction Box, Add</i>	226.54	
26 51 13 00-0409			<b>Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV)</b> <small>(26 51 13 00-0401)</small>		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0410	EA		47 System Watts, 3,240 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L).....	1,222.18	52.88
			<i>For Ceiling Mount, Add</i>	186.98	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	47.95	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0411	EA		63 System Watts, 3,778 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L).....	1,353.53	56.66
			<i>For Ceiling Mount, Add</i>	186.98	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	47.95	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0412	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L).....	1,621.90	60.44
			<i>For Ceiling Mount, Add</i>	186.98	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	47.95	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0413	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L).....	1,973.32	64.21
			<i>For Ceiling Mount, Add</i>	186.98	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	47.95	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0414	EA		137 System Watts, 9,720 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L).....	2,223.46	67.99
			<i>For Ceiling Mount, Add</i>	186.98	
			<i>For Quick Clip Mounting Option, Add</i>	19.39	
			<i>For Frosted Lens, Add</i>	47.95	
			<i>For Warm White Color Rendering, Add</i>	55.84	
			<i>For Polycarbonate Lens, Add</i>	80.40	
			<i>For 347 Or 480 Volt AC, Add</i>	121.77	
26 51 13 00-0415			<b>Class I Division 1, Explosion Proof, LED Fixtures</b> <small>(26 51 13 00-0386)</small>		
26 51 13 00-0416			<b>Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL)</b> <small>(26 51 13 00-0415)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0417	EA		80 System Watts, 5,625 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L).....	1,773.97	56.66
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51 13 00-0418	EA		100 System Watts, 6,750 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L).....	2,155.45	60.44
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51 13 00-0419	EA		130 System Watts, 9,000 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L).....	2,502.88	64.21
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51 13 00-0420	EA		151 System Watts, 10,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L).....	2,856.67	67.99
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51 13 00-0421	EA		175 System Watts, 13,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	3,308.67	65.47
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51 13 00-0422			<b>Refrigeration/Display LED Fixtures</b> <small>(26 51 13 00-0246)</small>		
26 51 13 00-0423			<b>Refrigeration/Display LED Fixtures (Lithonia)</b> <small>(26 51 13 00-0422)</small>		
			Note: Fixtures exclude driver.		
26 51 13 00-0424	EA		5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM DLC).....	251.87	29.34
26 51 13 00-0425	EA		5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC).....	315.20	51.94
26 51 13 00-0426	EA		Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL).....	312.52	41.55
26 51 13 00-0427			<b>Recessed Fixtures</b> <small>(26 51 13)</small>		
			Note: Housing and trim priced separately.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 13 00-0428</b> <b>Recessed Fixture Housings</b> <small>(26 51 13 00-0427)</small>		
Note: Lamps included in all prices. The housing insulation must be 3" from housing. ICT may be covered with insulation. Remodel housing may be installed from below ceiling. ICAT housing is air tight. Demo cost of housing includes demo of any fixture trim.		
<b>26 51 13 00-0429</b> <b>Compact Fluorescent, Recessed Fixture Housings</b> <small>(26 51 13 00-0428)</small>		
26 51 13 00-0430    EA    4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	77.66	19.69
For ICAT Housing, Add	6.20	
26 51 13 00-0431    EA    5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	79.75	19.69
For ICAT Housing, Add	6.47	
26 51 13 00-0432    EA    6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	82.80	20.66
For ICAT Housing, Add	6.68	
26 51 13 00-0433    EA    7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	85.32	21.55
For ICAT Housing, Add	6.83	
26 51 13 00-0434    EA    8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	88.16	22.45
For ICAT Housing, Add	7.02	
26 51 13 00-0435    EA    10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	91.04	23.82
For ICAT Housing, Add	7.12	
<b>26 51 13 00-0436</b> <b>Fluorescent, Recessed Fixture Housings</b> <small>(26 51 13 00-0428)</small>		
26 51 13 00-0437    EA    4" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	68.54	19.69
For ICAT Housing, Add	5.02	
26 51 13 00-0438    EA    5" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	70.66	19.69
For ICAT Housing, Add	5.30	
26 51 13 00-0439    EA    6" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	73.64	20.59
For ICAT Housing, Add	5.50	
26 51 13 00-0440    EA    7" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	77.36	21.35
For ICAT Housing, Add	5.80	
26 51 13 00-0441    EA    8" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	80.63	22.45
For ICAT Housing, Add	6.05	
26 51 13 00-0442    EA    10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing .....	83.67	23.82
For ICAT Housing, Add	6.17	
<b>26 51 13 00-0443</b> <b>High Pressure Sodium, Recessed Fixture Housings</b> <small>(26 51 13 00-0428)</small>		
26 51 13 00-0444    EA    4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	80.67	19.83
For ICAT Housing, Add	6.59	
26 51 13 00-0445    EA    5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	84.08	19.83
For ICAT Housing, Add	7.03	
26 51 13 00-0446    EA    6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	88.29	20.66
For ICAT Housing, Add	7.39	
26 51 13 00-0447    EA    7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	91.54	21.55
For ICAT Housing, Add	7.63	
26 51 13 00-0448    EA    8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	94.74	22.45
For ICAT Housing, Add	7.87	
26 51 13 00-0449    EA    10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	97.72	23.82
For ICAT Housing, Add	7.99	
<b>26 51 13 00-0450</b> <b>Incandescent, Recessed Fixture Housings</b> <small>(26 51 13 00-0428)</small>		
26 51 13 00-0451    EA    4" Round, Incandescent, T Or ICT Recessed Fixture Housing .....	44.65	19.69
For ICAT Housing, Add	1.94	
26 51 13 00-0452    EA    5" Round, Incandescent, T Or ICT Recessed Fixture Housing .....	44.65	19.69
For ICAT Housing, Add	1.94	
26 51 13 00-0453    EA    6" Round, Incandescent, T Or ICT Recessed Fixture Housing .....	47.33	20.66
For ICAT Housing, Add	2.11	
26 51 13 00-0454    EA    7" Round, Incandescent, T Or ICT Recessed Fixture Housing .....	50.09	21.55
For ICAT Housing, Add	2.29	
26 51 13 00-0455    EA    8" Round, Incandescent, T Or ICT Recessed Fixture Housing .....	52.85	22.45
For ICAT Housing, Add	2.47	
26 51 13 00-0456    EA    10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing .....	54.12	23.82
For ICAT Housing, Add	2.36	
<b>26 51 13 00-0457</b> <b>Recessed Fixture Trim</b> <small>(26 51 13 00-0427)</small>		
26 51 13 00-0458    EA    Circular, Recessed Fixture Trim .....	33.07	9.64
26 51 13 00-0459    EA    Circular Clear Lens, Recessed Fixture Trim .....	36.48	9.64
26 51 13 00-0460    EA    Open/Baffle, Recessed Fixture Trim .....	42.39	9.64
26 51 13 00-0461    EA    Specular Reflector, Recessed Fixture Trim .....	45.52	9.64
26 51 13 00-0462    EA    Eyeball, Recessed Fixture Trim .....	36.53	9.64
26 51 13 00-0463    EA    10" To 12" Square, Clear Lens, Recessed Fixture Trim .....	34.70	9.64
26 51 13 00-0464    EA    10" To 12" Square, Drop Dish, Recessed Fixture Trim .....	36.80	9.64
<b>26 51 13 00-0465</b> <b>Ceiling Mounted Fixtures</b> <small>(26 51 13)</small>		
<b>26 51 13 00-0466</b> <b>Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures</b> <small>(26 51 13 00-0465)</small>		
<b>26 51 13 00-0467</b> <b>Glass Globe, Compact Fluorescent/Incandescent Fixtures</b> <small>(26 51 13 00-0466)</small>		
26 51 13 00-0468    EA    6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture .....	77.52	27.54
26 51 13 00-0469    EA    9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture .....	89.91	27.54

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 51</b>	<b>Interior Lighting</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 51 13 00-0470		Ceiling Mounted, Circline Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0471		Exposed Lamps, Circline Fluorescent Fixtures (26 51 13 00-0470)		
26 51 13 00-0472	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture .....	68.10	27.54
26 51 13 00-0473	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture .....	74.15	27.54
26 51 13 00-0474		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures (26 51 13 00-0470)		
26 51 13 00-0475	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	93.94	27.54
26 51 13 00-0476	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	128.03	27.54
26 51 13 00-0477	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	151.66	27.54
26 51 13 00-0478	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	104.98	27.54
26 51 13 00-0479	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	128.73	27.54
26 51 13 00-0480	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture .....	151.66	27.54
26 51 13 00-0481		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0482		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures (26 51 13 00-0481)		
26 51 13 00-0483	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	96.58	27.54
26 51 13 00-0484	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	119.92	27.54
26 51 13 00-0485	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	141.15	27.54
26 51 13 00-0486	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	79.09	27.54
26 51 13 00-0487	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	92.09	27.54
26 51 13 00-0488	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture .....	116.74	27.54
26 51 13 00-0489		Pendant Mounted, Compact Fluorescent/Incandescent Downlights (26 51 13 00-0465)		
26 51 13 00-0490		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights (26 51 13 00-0489)		
26 51 13 00-0491	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight .....	139.99	22.63
26 51 13 00-0492		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle (26 51 13 00-0489)		
26 51 13 00-0493	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle .....	158.84	22.63
26 51 13 00-0494	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle .....	219.67	22.63
26 51 13 00-0495		Track Lighting (26 51 13)		
26 51 13 00-0496		Track Lighting Tracks (26 51 13 00-0495)		
26 51 13 00-0497	LF	1 Circuit Track Lighting Track .....	21.20	4.54
26 51 13 00-0498	LF	2 Circuit Track Lighting Track .....	28.46	4.54
26 51 13 00-0499	LF	3 Circuit Track Lighting Track .....	34.58	4.54
26 51 13 00-0500	LF	4 Circuit Track Lighting Track .....	40.71	5.50
26 51 13 00-0501		Track Lighting Fixtures (26 51 13 00-0495)		
26 51 13 00-0502		Compact Fluorescent Track Lighting Fixtures (26 51 13 00-0501)		
26 51 13 00-0503	EA	Compact Fluorescent Track Lighting Fixture .....	49.40	11.50
26 51 13 00-0504		Fluorescent Track Lighting Fixtures (26 51 13 00-0501)		
26 51 13 00-0505	EA	2L 18W BX Track Fixture, Electronic Ballast .....	255.02	11.50
		Note: White or Black Finish, 120V.		
26 51 13 00-0506	EA	2L 39W BX Track Fixture, Electronic Ballast .....	267.01	11.50
		Note: White or Black Finish, 120V.		
26 51 13 00-0507	EA	2L 40W BX Track Fixture, Electronic Ballast .....	274.51	11.50
		Note: White or Black Finish, 120V.		
26 51 13 00-0508	EA	2L 50W BX Track Fixture, Electronic Ballast .....	242.10	11.50
		Note: White or Black Finish, 120V.		
26 51 13 00-0509	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast .....	311.06	11.50
		Note: White or Black Finish, 120V.		
26 51 13 00-0510		Metal Halide Track Lighting Fixtures (26 51 13 00-0501)		
26 51 13 00-0511	EA	Metal Halide Track Lighting Fixture .....	52.17	11.50
26 51 13 00-0512		Incandescent Track Lighting Fixtures (26 51 13 00-0501)		
26 51 13 00-0513	EA	Incandescent Track Lighting Fixture .....	42.52	11.50
26 51 13 00-0514	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt .....	56.38	11.50
26 51 13 00-0515	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt .....	86.62	11.50
26 51 13 00-0516	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt .....	89.62	11.50



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0517 EA PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	70.07	11.50
26 51 13 00-0518 EA PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	56.38	11.50
26 51 13 00-0519 EA PAR 30, Baffled Cylinder Track Fixture, White or Black Finish.....	68.63	11.50
Note: 120V.		
26 51 13 00-0520 EA PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	92.61	11.50
<b>26 51 13 00-0521 LED Track Lighting Fixtures (26 51 13 00-0501)</b>		
26 51 13 00-0522 EA 19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cyindra™).....	203.21	11.50
26 51 13 00-0523 EA 18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED).....	365.19	11.50
26 51 13 00-0524 EA 24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33).....	209.37	11.50
<b>26 51 13 00-0525 Track Lighting Accessories (26 51 13 00-0495)</b>		
<b>26 51 13 00-0526 Pendant Mounting (26 51 13 00-0525)</b>		
26 51 13 00-0527 EA Track Lighting Pendant Mounting, Up to 12".....	17.43	
26 51 13 00-0528 EA Track Lighting Pendant Mounting, >12" To 24".....	22.83	
26 51 13 00-0529 EA Track Lighting Pendant Mounting, >24" To 36".....	27.98	
<b>26 51 13 00-0530 Wet Location, Dust Resistant, Vapor Tight Fixtures (26 51 13)</b>		
<b>26 51 13 00-0531 Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0530)</b>		
<b>26 51 13 00-0532 Incandescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0531)</b>		
26 51 13 00-0533 EA 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	88.81	27.54
For Wall Mounted, Add	5.10	
26 51 13 00-0534 EA 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	103.81	27.54
For Wall Mounted, Add	5.10	
<b>26 51 13 00-0535 Compact Fluorescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0531)</b>		
26 51 13 00-0536 EA 13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	96.55	27.54
For Wall Mounted, Add	6.02	
26 51 13 00-0537 EA 22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	99.50	27.54
For Wall Mounted, Add	6.02	
26 51 13 00-0538 EA 28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	106.79	27.54
For Wall Mounted, Add	6.02	
<b>26 51 13 00-0539 Metal Halide, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0531)</b>		
26 51 13 00-0540 EA 75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	122.20	27.54
For Wall Mounted, Add	6.30	
26 51 13 00-0541 EA 100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	126.34	27.54
For Wall Mounted, Add	6.30	
26 51 13 00-0542 EA 150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	134.75	27.54
For Wall Mounted, Add	6.30	
26 51 13 00-0543 EA 175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	147.38	27.54
For Wall Mounted, Add	6.30	
<b>26 51 13 00-0544 High Pressure Sodium, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0531)</b>		
26 51 13 00-0545 EA 70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	112.36	27.54
For Wall Mounted, Add	6.67	
26 51 13 00-0546 EA 100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	117.50	27.54
For Wall Mounted, Add	6.67	
26 51 13 00-0547 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	137.37	27.54
For Wall Mounted, Add	6.67	
<b>26 51 13 00-0548 Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 13 00-0530)</b>		
<b>26 51 13 00-0549 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 13 00-0548)</b>		
<b>26 51 13 00-0550 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) (26 51 13 00-0549)</b>		
Note: Includes high impact acrylic molded lens.		
26 51 13 00-0551 EA 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	152.68	29.34
For T5 Fixture Instead Of T8, Add	12.44	
26 51 13 00-0552 EA 2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	160.97	29.34
For T5 Fixture Instead Of T8, Add	13.39	
26 51 13 00-0553 EA 3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	248.95	29.34
For T5 Fixture Instead Of T8, Add	23.46	
26 51 13 00-0554 EA 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	213.13	29.34

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 51</b>	<b>Interior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0555 EA 2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	340.17	29.34
<b>26 51 13 00-0556 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) (26 51 13 00-0549)</b>		
Note: Includes high impact acrylic molded lens.		
26 51 13 00-0557 EA 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	186.61	29.34
26 51 13 00-0558 EA 2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	189.98	29.34
26 51 13 00-0559 EA 3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	276.42	29.34
26 51 13 00-0560 EA 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	226.14	29.34
26 51 13 00-0561 EA 2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	236.35	29.34
<b>26 51 13 00-0562 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (26 51 13 00-0548)</b>		
Note: Includes high impact acrylic molded lens.		
<b>26 51 13 00-0563 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) (26 51 13 00-0562)</b>		
Note: Includes high impact acrylic molded lens.		
26 51 13 00-0564 EA 2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	285.85	39.85
For T5 Fixture Instead Of T8, Add	25.88	
26 51 13 00-0565 EA 4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	299.44	39.85
For T5 Fixture Instead Of T8, Add	27.44	
<b>26 51 13 00-0566 Large Interior Area Fixtures (26 51 13)</b>		
<b>26 51 13 00-0567 Recessed Mounted, Large Interior Area Fixtures (26 51 13 00-0566)</b>		
Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
<b>26 51 13 00-0568 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures (26 51 13 00-0567)</b>		
26 51 13 00-0569 EA 150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	242.19	73.41
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0570 EA 250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	251.07	77.95
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0571 EA 400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	268.03	88.97
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
<b>26 51 13 00-0572 Metal Halide, Recessed Mounted, Large Interior Area Fixtures (26 51 13 00-0567)</b>		
26 51 13 00-0573 EA 150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture.....	246.73	73.41
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0574 EA 250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture.....	251.97	77.95
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0575 EA 400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture.....	267.83	88.97
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
<b>26 51 13 00-0576 Low Bay Fixtures, Large Interior Area Fixtures (26 51 13 00-0566)</b>		
Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
<b>26 51 13 00-0577 High Pressure Sodium, Low Bay Fixtures (26 51 13 00-0576)</b>		
26 51 13 00-0578 EA 150 Watt High Pressure Sodium, Low Bay Fixture.....	301.83	67.11
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0579 EA 250 Watt High Pressure Sodium, Low Bay Fixture.....	307.99	71.26
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0580 EA 400 Watt High Pressure Sodium, Low Bay Fixture.....	328.23	81.33
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
<b>26 51 13 00-0581 Metal Halide, Low Bay Fixtures (26 51 13 00-0576)</b>		
26 51 13 00-0582 EA 175 Watt Metal Halide, Low Bay Fixture.....	300.12	67.11
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0583 EA 250 Watt Metal Halide, Low Bay Fixture.....	305.51	71.26
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
26 51 13 00-0584 EA 400 Watt Metal Halide, Low Bay Fixture.....	325.04	81.33
For Glass Or Acrylic Reflector, Add	90.00	
For Enclosed And Gasketed, Add	75.47	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
<b>26 51 13 00-0585 High Bay Fixtures, Large Interior Area Fixtures</b> (26 51 13 00-0586)		
Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
<b>26 51 13 00-0586 High Pressure Sodium, High Bay Fixtures</b> (26 51 13 00-0585)		
Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0587 EA 250 Watt High Pressure Sodium, High Bay Fixture.....	272.09	71.26
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
26 51 13 00-0588 EA 400 Watt High Pressure Sodium, High Bay Fixture.....	296.11	81.33
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
26 51 13 00-0589 EA 1,000 Watt High Pressure Sodium, High Bay Fixture.....	440.20	85.55
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
<b>26 51 13 00-0590 Metal Halide, High Bay Fixtures</b> (26 51 13 00-0585)		
Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0591 EA 250 Watt Metal Halide, High Bay Fixture.....	252.75	71.26
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
26 51 13 00-0592 EA 400 Watt Metal Halide, High Bay Fixture.....	272.13	81.33
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
26 51 13 00-0593 EA 1,000 Watt Metal Halide, High Bay Fixture.....	371.62	85.55
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Ballast Safety Chain, Add	12.13	
For Instant Quartz Restrike, Add	60.00	
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
<b>26 51 13 00-0594 (T8) Fluorescent, High Bay Fixtures</b> (26 51 13 00-0585)		
<b>26 51 13 00-0595 (T8) Fluorescent, High Bay Fixtures (Lithonia)</b> (26 51 13 00-0594)		
Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 13 00-0596 EA 2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	266.07	64.21
For Wire Guard, Add	40.50	
For Polycarbonate Lens, Add	47.75	
For Acrylic Lens, Add	54.00	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0597	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	280.59	71.14
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0598	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	319.26	81.21
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0599	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	383.73	85.55
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0600	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	419.47	89.52
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0601	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	338.78	81.21
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0602	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	354.66	85.55
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0603	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	419.27	89.52
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0604		(T5HO) Fluorescent, High Bay Fixtures <small>(26 51 13 00-0585)</small>		
26 51	13 00-0605		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) <small>(26 51 13 00-0604)</small>		
			Note: For 8' fixture, use two (2) 4' fixtures.		
26 51	13 00-0606	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	270.93	64.21
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0607	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	286.50	71.14
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0608	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	328.10	81.21
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0609	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	399.52	85.55
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0610	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	369.90	81.21
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0611	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	414.90	85.55
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0612	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	502.59	89.52
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Acrylic Lens, Add</i>	54.00	
26 51	13 00-0613		Induction, High Bay Fixtures <small>(26 51 13 00-0585)</small>		
26 51	13 00-0614		Induction, High Bay Fixtures (Everlast®) <small>(26 51 13 00-0613)</small>		
			Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51	13 00-0615	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC).....	425.90	62.32
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0616	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC).....	461.07	64.40
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0617	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC).....	468.64	66.48
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0618	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC).....	517.06	68.55
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0619	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC).....	530.15	70.63
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0620	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC).....	464.55	62.32
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0621	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC).....	499.72	64.40
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0622	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC).....	507.29	66.48
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	13 00-0623	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC).....	555.71	68.55
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0624 EA 250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) ..... <i>For Impact Resistant Silicon Lens, Add</i>	568.80 20.00	70.63
<b>26 51 13 00-0625 LED, High Bay Fixtures (26 51 13 00-0585)</b>		
<b>26 51 13 00-0626 LED High Bay Fixtures (Lithonia IBL) (26 51 13 00-0625)</b> Note: Includes aluminum alloy chassis.		
26 51 13 00-0627 EA 7,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L) .....	530.71	69.24
26 51 13 00-0628 EA 12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L) .....	585.92	69.24
26 51 13 00-0629 EA 18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L) .....	735.00	69.24
26 51 13 00-0630 EA 24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L) .....	794.63	69.24
<b>26 51 13 00-0631 LED High Bay Fixtures (PlanLED) (26 51 13 00-0625)</b>		
<b>26 51 13 00-0632 LED High Bay Fixtures (PlanLED LUNA) (26 51 13 00-0631)</b> Note: Includes aluminum alloy chassis.		
26 51 13 00-0633 EA 7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70) .....	487.10	69.24
26 51 13 00-0634 EA 9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98) .....	574.25	69.24
26 51 13 00-0635 EA 13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130) .....	618.35	69.24
26 51 13 00-0636 EA 16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160) .....	668.75	69.24
<b>26 51 13 00-0637 LED High Bay Fixtures (PlanLED IBL) (26 51 13 00-0631)</b> Note: Includes aluminum alloy chassis.		
26 51 13 00-0638 EA 13,650 Lumens, 130 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)..... <i>For 347-480 Volt, Add</i>	481.85 42.00	69.24
26 51 13 00-0639 EA 21,000 Lumens, 200 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)..... <i>For 347-480 Volt, Add</i>	653.00 51.45	69.24
26 51 13 00-0640 EA 42,000 Lumens, 400 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)..... <i>For 347-480 Volt, Add</i>	1,160.15 57.75	69.24
<b>26 51 13 00-0641 LED High Bay Fixtures (PlanLED SEGA) (26 51 13 00-0631)</b> Note: Includes aluminum alloy chassis.		
26 51 13 00-0642 EA 10,400 Lumens, 80 System Watts, LED High Bay Fixture (PlanLED SEGA SE080)..... <i>For 0 To 10 Volt Dimming, Add</i>	413.60 29.40	69.24
26 51 13 00-0643 EA 13,000 Lumens, 100 System Watts, LED High Bay Fixture (PlanLED SEGA SE100)..... <i>For 0 To 10 Volt Dimming, Add</i>	418.85 29.40	69.24
26 51 13 00-0644 EA 16,900 Lumens, 130 System Watts, LED High Bay Fixture (PlanLED SEGA SE130)..... <i>For 0 To 10 Volt Dimming, Add</i>	492.35 29.40	69.24
26 51 13 00-0645 EA 20,800 Lumens, 160 System Watts, LED High Bay Fixture (PlanLED SEGA SE160)..... <i>For 0 To 10 Volt Dimming, Add</i>	564.80 29.40	69.24
26 51 13 00-0646 EA 50,000 Lumens, 400 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE400) .....	1,253.60	69.24
26 51 13 00-0647 EA 57,040 Lumens, 500 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE500) .....	1,253.60	69.24
26 51 13 00-0648 EA 80,000 Lumens, 640 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE640) .....	1,871.00	69.24
<b>26 51 13 00-0649 Ceiling Mounted, Large Interior Area Fixtures (26 51 13 00-0566)</b> Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
<b>26 51 13 00-0650 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures (26 51 13 00-0649)</b>		
26 51 13 00-0651 EA 100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	238.30	47.72
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
26 51 13 00-0652 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	347.66	47.72
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
26 51 13 00-0653 EA 250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	397.16	47.72
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
26 51 13 00-0654 EA 400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	532.79	47.72
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
<b>26 51 13 00-0655 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures (26 51 13 00-0649)</b>		
26 51 13 00-0656 EA 100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	207.56	47.72
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
26 51 13 00-0657 EA 175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	221.88	52.95
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	
26 51 13 00-0658 EA 250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	234.38	57.35
<i>For Instant Quartz Restrike, Add</i>	60.00	
<i>For Wire Guard, Add</i>	40.50	
<i>For Polycarbonate Lens, Add</i>	47.75	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0659	EA		400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	256.30	68.30
			<i>For Instant Quartz Restrike, Add</i> .....	60.00	
			<i>For Wire Guard, Add</i> .....	40.50	
			<i>For Polycarbonate Lens, Add</i> .....	47.75	
<b>26 51 13 00-0660</b>			<b>Interior Lighting Accessories</b> (26 51 13)		
26 51 13 00-0661	LF		For Each Additional LF Of Interior Lighting Wire Whip, Add .....	0.92	
			Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		
<b>26 52</b>			<b>Emergency Lighting</b> (26 50)		
<b>26 52 00 00-0001</b>			<b>Commercial Emergency Lights</b> (26 52)		
<b>26 52 00 00-0002</b>			<b>Polycarbonate Housing, Commercial Emergency Lights</b> (26 52 00 00-0001)		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0003	EA		3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED) .....	127.04	17.22
26 52 00 00-0004	EA		10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2) .....	88.12	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
26 52 00 00-0005	EA		18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618) .....	139.05	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
26 52 00 00-0006	EA		27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627) .....	162.11	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
26 52 00 00-0007	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654) .....	241.36	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
26 52 00 00-0008	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254) .....	273.53	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
26 52 00 00-0009	EA		72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272) .....	398.86	17.22
			<i>For Halogen Lamps, Add</i> .....	27.55	
			<i>For Self-Diagnostics, Add</i> .....	87.50	
<b>26 52 00 00-0010</b>			<b>Remote Heads For Commercial Emergency Lights</b> (26 52 00 00-0001)		
			Note: For use with fixtures that have remote capability.		
26 52 00 00-0011	EA		6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606) .....	85.91	10.33
26 52 00 00-0012	EA		6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606) .....	86.49	10.33
26 52 00 00-0013	EA		8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806) .....	88.43	10.33
26 52 00 00-0014	EA		12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212) .....	88.12	10.33
26 52 00 00-0015	EA		12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212) .....	76.17	10.33
26 52 00 00-0016	EA		12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206) .....	52.45	10.33
<b>26 52 00 00-0017</b>			<b>Industrial Emergency Lights</b> (26 52)		
<b>26 52 00 00-0018</b>			<b>Painted Steel Housing, Industrial Emergency Lights</b> (26 52 00 00-0017)		
<b>26 52 00 00-0019</b>			<b>Painted Steel Housing, Industrial Emergency Lights</b> (26 52 00 00-0018)		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0020	EA		16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16) .....	223.86	17.22
			<i>For Wireguard, Add</i> .....	113.97	
26 52 00 00-0021	EA		24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24) .....	187.87	17.22
			<i>For Wireguard, Add</i> .....	113.97	
26 52 00 00-0022	EA		36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36) .....	293.05	17.22
			<i>For Wireguard, Add</i> .....	113.97	
26 52 00 00-0023	EA		50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50) .....	311.20	17.22
			<i>For Wireguard, Add</i> .....	113.97	
26 52 00 00-0024	EA		125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125) .....	444.33	17.22
			<i>For Wireguard, Add</i> .....	121.39	
26 52 00 00-0025	EA		275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275) .....	699.00	17.22
			<i>For Wireguard, Add</i> .....	121.39	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Emergency Lighting	26 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 52 00 00-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights</b> <small>(26 52 00 00-0018)</small> Note: For use with fixtures that have remote capability.		
26 52 00 00-0027 EA 8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806).....	66.12	10.33
For Wireguard, Add	91.98	
26 52 00 00-0028 EA 12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206).....	68.38	10.33
For Wireguard, Add	91.98	
26 52 00 00-0029 EA 8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812) .....	66.44	10.33
For Wireguard, Add	91.98	
26 52 00 00-0030 EA 12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212).....	66.81	10.33
For Wireguard, Add	91.98	
26 52 00 00-0031 EA 12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	68.38	10.33
For Wireguard, Add	91.98	
26 52 00 00-0032 EA 12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	79.86	10.33
For Wireguard, Add	91.98	
<b>26 52 00 00-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> <small>(26 52 00 00-0017)</small>		
<b>26 52 00 00-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> <small>(26 52 00 00-0033)</small> Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0035 EA 18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618) .....	220.96	17.22
For Self-Diagnostics, Add	105.50	
For Wireguard, Add	110.81	
26 52 00 00-0036 EA 36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	240.17	17.22
For Self-Diagnostics, Add	105.50	
For Wireguard, Add	110.81	
26 52 00 00-0037 EA 54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	234.91	17.22
For Self-Diagnostics, Add	105.50	
For Wireguard, Add	110.81	
26 52 00 00-0038 EA 54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	248.32	17.22
For Self-Diagnostics, Add	105.50	
For Wireguard, Add	110.81	
26 52 00 00-0039 EA 100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	418.28	17.22
For Self-Diagnostics, Add	105.50	
For Wireguard, Add	110.81	
26 52 00 00-0040 EA 18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618) .....	328.57	17.22
For Self-Diagnostics, Add	61.50	
For Wireguard, Add	110.81	
26 52 00 00-0041 EA 36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	368.03	17.22
For Self-Diagnostics, Add	61.50	
For Wireguard, Add	110.81	
26 52 00 00-0042 EA 54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	388.03	17.22
For Self-Diagnostics, Add	61.50	
For Wireguard, Add	110.81	
<b>26 52 00 00-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> <small>(26 52 00 00-0033)</small> Note: For use with fixtures that have remote capability.		
26 52 00 00-0044 EA 9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906) .....	57.44	10.33
26 52 00 00-0045 EA 12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206) .....	62.02	10.33
26 52 00 00-0046 EA 9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912) .....	57.49	10.33
26 52 00 00-0047 EA 12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212) .....	60.86	10.33
26 52 00 00-0048 EA 12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012) .....	52.21	10.33
<b>26 52 00 00-0049 Outdoor Emergency Lights</b> <small>(26 52)</small>		
<b>26 52 00 00-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights</b> <small>(26 52 00 00-0049)</small> Note: Includes nickel-cadmium batteries.		

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 52</b>	<b>Emergency Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0051	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	347.77	17.22
26 52 00 00-0052	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	414.86	17.22
<b>26 52 00 00-0053</b>			<b>Recessed Emergency Lights (26 52)</b>		
26 52 00 00-0054	EA		10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG) .....	378.83	17.22
			<i>For Wire Guard, Add</i> .....	60.00	
26 52 00 00-0055	EA		16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	300.50	34.43
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i> .....	121.39	
26 52 00 00-0056	EA		50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	430.52	34.43
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i> .....	121.39	
<b>26 52 00 00-0057</b>			<b>Square Wraparound Emergency Lights (26 52)</b>		
26 52 00 00-0058	EA		10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ) .....	173.76	17.22
<b>26 53</b>			<b>Exit Signs (26 53)</b>		
			Note: Excludes pendants.		
<b>26 53 00 00-0001</b>			<b>LED Exit Signs (26 53)</b>		
			Note: Includes red LED lamps.		
26 53 00 00-0002	EA		Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM).....	103.26	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0003	EA		Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM) .....	103.26	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0004	EA		Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN).....	161.05	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
26 53 00 00-0005	EA		Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN) .....	161.05	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
26 53 00 00-0006	EA		Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC).....	183.75	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0007	EA		Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC) .....	203.77	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0008	EA		Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN).....	197.10	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
26 53 00 00-0009	EA		Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN) .....	217.11	25.17
			<i>For Green LED Lamps, Add</i> .....	15.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
26 53 00 00-0010	EA		Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM) .....	189.90	25.17
			Note: Includes two circular side mounted krypton emergency lights.		
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0011	EA		Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED) .....	278.25	25.17
			Note: Includes two circular side mounted LED emergency lights.		
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0012	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH).....	235.93	25.17
			Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
			<i>For Green LED Lamps, Add</i> .....	15.00	
26 53 00 00-0013	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM).....	246.81	25.17
			Note: Includes two circular side mounted PAR 36 emergency lights.		
			<i>For Green LED Lamps, Add</i> .....	15.00	
<b>26 53 00 00-0014</b>			<b>Edge-Lit LED Exit Signs (26 53)</b>		
			Note: Includes red LED lamps.		
26 53 00 00-0015	EA		Single Face, Edge-Lit LED Exit Sign.....	218.63	25.17
			<i>For Green LED Lamps, Add</i> .....	40.00	
26 53 00 00-0016	EA		Double Face, Edge-Lit LED Exit Sign .....	234.46	25.17
			<i>For Green LED Lamps, Add</i> .....	40.00	
26 53 00 00-0017	EA		Single Face, Edge-Lit LED Exit Sign With Battery Back-Up .....	267.51	25.17
			<i>For Green LED Lamps, Add</i> .....	40.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
26 53 00 00-0018	EA		Double Face, Edge-Lit LED Exit Sign With Battery Back-Up .....	279.17	25.17
			<i>For Green LED Lamps, Add</i> .....	40.00	
			<i>For Self-Diagnostics, Add</i> .....	50.00	
<b>26 53 00 00-0019</b>			<b>Self-Luminous Tritium Exit Signs (26 53)</b>		
			Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 53 00 00-0020	EA		10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign .....	296.59	25.17



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exit Signs	26 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 53 00 00-0021 EA 10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	542.59	25.17
26 53 00 00-0022 EA 20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	352.63	25.17
26 53 00 00-0023 EA 20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign.....	587.57	25.17
26 53 00 00-0024 EA 10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	324.48	25.17
26 53 00 00-0025 EA 10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	587.57	25.17
26 53 00 00-0026 EA 20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	397.36	25.17
26 53 00 00-0027 EA 20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	728.59	25.17
<b>26 53 00 00-0028 Vandal-Resistant LED Exit Signs (26 53)</b>		
Note: Includes red LED lamps.		
26 53 00 00-0029 EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign.....	280.02	25.17
26 53 00 00-0030 EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup .....	432.35	25.17
26 53 00 00-0031 EA Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup.....	525.75	25.17
<b>26 53 00 00-0032 Remove And Reinstall Exit Light Fixture (26 53)</b>		
26 53 00 00-0033 EA Removal And Reinstall Of Exit Light Fixtures .....	51.65	
Note: Includes storage and cleaning.		
<b>26 53 00 00-0034 Exit Sign Accessories (26 53)</b>		
26 53 00 00-0035 EA Polycarbonate Vandal Shield For Exit Signs.....	66.40	6.90
26 53 00 00-0036 EA Wire Guard For Exit Signs Or Emergency Lights.....	38.99	6.90
26 53 00 00-0037 EA Replacement Battery For Exit Signs.....	66.65	8.62
<b>26 55 Special Purpose Lighting (26 50)</b>		
<b>26 55 61 Theatrical Lighting (26 55)</b>		
<b>26 55 61 00-0001 Stage Lighting (26 55 61)</b>		
26 55 61 00-0002 EA Ellipsoidal Spotlight, Two 6" x 9" Lenses .....	353.14	83.73
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0003 EA Ellipsoidal Spotlight, Two 6" x 12" Lenses .....	353.14	83.73
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0004 EA Ellipsoidal Spotlight, Two 6" x 16" Lenses .....	353.14	83.73
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0005 EA 14" Scoop Floodlight Altman #SC14.....	346.77	83.73
26 55 61 00-0006 EA 6" Diameter Fresnel Spotlight, Spherical Specular Alzak .....	244.83	83.73
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007 EA 8" Diameter Fresnel Spotlight, Spherical Specular Alzak .....	401.98	83.73
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008 EA Follow Spotlight With Steel Chassis And Lightweight.....	1,145.25	83.73
Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0009 EA Follow Spotlight With Steel Chassis And Lightweight.....	1,506.26	83.73
Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0010 EA PAR 64 Can Lighting With 20 Gauge Sheet Steel .....	226.82	83.73
Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
26 55 61 00-0011 EA 6' Long Borderlight Sections .....	674.95	83.73
Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
<b>26 56 Exterior Lighting (26 50)</b>		
<b>26 56 13 Lighting Poles And Standards (26 56)</b>		
26 56 13 00-0001 Poles And Standards (26 56 13)		
26 56 13 00-0002 Roadway Light Poles (26 56 13 00-0001)		
26 56 13 00-0003 Steel Roadway Light Poles (26 56 13 00-0002)		
Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles (26 56 13 00-0003)		
26 56 13 00-0005 Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms (26 56 13 00-0004)		
26 56 13 00-0006 Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm (26 56 13 00-0005)		

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,716.58	230.96
			<i>For Galvanized Finish, Add</i>	67.64	
			<i>For &gt;10 To 20, Deduct</i>	-67.91	
			<i>For &gt;20 To 40, Deduct</i>	-135.83	
			<i>For &gt;40, Deduct</i>	-215.29	
26 56	13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,722.14	230.96
			<i>For Galvanized Finish, Add</i>	67.81	
			<i>For &gt;10 To 20, Deduct</i>	-68.05	
			<i>For &gt;20 To 40, Deduct</i>	-136.11	
			<i>For &gt;40, Deduct</i>	-215.71	
26 56	13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,909.15	307.95
			<i>For Galvanized Finish, Add</i>	68.80	
			<i>For &gt;10 To 20, Deduct</i>	-72.73	
			<i>For &gt;20 To 40, Deduct</i>	-145.46	
			<i>For &gt;40, Deduct</i>	-233.58	
26 56	13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,976.16	307.95
			<i>For Galvanized Finish, Add</i>	70.81	
			<i>For &gt;10 To 20, Deduct</i>	-74.40	
			<i>For &gt;20 To 40, Deduct</i>	-148.81	
			<i>For &gt;40, Deduct</i>	-238.61	
26 56	13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,043.16	307.95
			<i>For Galvanized Finish, Add</i>	72.82	
			<i>For &gt;10 To 20, Deduct</i>	-76.08	
			<i>For &gt;20 To 40, Deduct</i>	-152.16	
			<i>For &gt;40, Deduct</i>	-243.63	
26 56	13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,134.27	346.44
			<i>For Galvanized Finish, Add</i>	73.24	
			<i>For &gt;10 To 20, Deduct</i>	-78.36	
			<i>For &gt;20 To 40, Deduct</i>	-156.71	
			<i>For &gt;40, Deduct</i>	-252.39	
26 56	13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,166.04	346.44
			<i>For Galvanized Finish, Add</i>	74.19	
			<i>For &gt;10 To 20, Deduct</i>	-79.15	
			<i>For &gt;20 To 40, Deduct</i>	-158.30	
			<i>For &gt;40, Deduct</i>	-254.78	
26 56	13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,172.09	346.44
			<i>For Galvanized Finish, Add</i>	74.38	
			<i>For &gt;10 To 20, Deduct</i>	-79.30	
			<i>For &gt;20 To 40, Deduct</i>	-158.60	
			<i>For &gt;40, Deduct</i>	-255.23	
26 56	13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,323.38	365.69
			<i>For Galvanized Finish, Add</i>	77.76	
			<i>For &gt;10 To 20, Deduct</i>	-83.08	
			<i>For &gt;20 To 40, Deduct</i>	-166.17	
			<i>For &gt;40, Deduct</i>	-267.54	
26 56	13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,347.38	365.69
			<i>For Galvanized Finish, Add</i>	78.48	
			<i>For &gt;10 To 20, Deduct</i>	-83.68	
			<i>For &gt;20 To 40, Deduct</i>	-167.37	
			<i>For &gt;40, Deduct</i>	-269.34	
26 56	13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,373.59	365.69
			<i>For Galvanized Finish, Add</i>	79.27	
			<i>For &gt;10 To 20, Deduct</i>	-84.34	
			<i>For &gt;20 To 40, Deduct</i>	-168.68	
			<i>For &gt;40, Deduct</i>	-271.30	
26 56	13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,881.52	384.94
			<i>For Galvanized Finish, Add</i>	93.35	
			<i>For &gt;10 To 20, Deduct</i>	-97.04	
			<i>For &gt;20 To 40, Deduct</i>	-194.08	
			<i>For &gt;40, Deduct</i>	-310.36	
26 56	13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,890.06	384.94
			<i>For Galvanized Finish, Add</i>	93.61	
			<i>For &gt;10 To 20, Deduct</i>	-97.25	
			<i>For &gt;20 To 40, Deduct</i>	-194.50	
			<i>For &gt;40, Deduct</i>	-311.00	
26 56	13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,898.51	384.94
			<i>For Galvanized Finish, Add</i>	93.86	
			<i>For &gt;10 To 20, Deduct</i>	-97.46	
			<i>For &gt;20 To 40, Deduct</i>	-194.93	
			<i>For &gt;40, Deduct</i>	-311.64	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms</b> <i>(26 56 13 00-0005)</i>		
26 56 13 00-0022 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,401.73	269.46
For Galvanized Finish, Add	85.88	
For >10 To 20, Deduct	-85.04	
For >20 To 40, Deduct	-170.09	
For >40, Deduct	-268.60	
26 56 13 00-0023 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,456.78	279.08
For Galvanized Finish, Add	86.96	
For >10 To 20, Deduct	-86.42	
For >20 To 40, Deduct	-172.84	
For >40, Deduct	-273.21	
26 56 13 00-0024 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,503.01	288.70
For Galvanized Finish, Add	87.77	
For >10 To 20, Deduct	-87.58	
For >20 To 40, Deduct	-175.15	
For >40, Deduct	-277.16	
26 56 13 00-0025 EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,323.58	346.44
For Galvanized Finish, Add	78.92	
For >10 To 20, Deduct	-83.09	
For >20 To 40, Deduct	-166.18	
For >40, Deduct	-266.59	
26 56 13 00-0026 EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,357.03	356.07
For Galvanized Finish, Add	79.35	
For >10 To 20, Deduct	-83.93	
For >20 To 40, Deduct	-167.85	
For >40, Deduct	-269.58	
26 56 13 00-0027 EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,382.04	365.69
For Galvanized Finish, Add	79.52	
For >10 To 20, Deduct	-84.55	
For >20 To 40, Deduct	-169.10	
For >40, Deduct	-271.94	
26 56 13 00-0028 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,576.05	384.94
For Galvanized Finish, Add	84.19	
For >10 To 20, Deduct	-89.40	
For >20 To 40, Deduct	-178.80	
For >40, Deduct	-287.45	
26 56 13 00-0029 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,603.94	394.57
For Galvanized Finish, Add	84.44	
For >10 To 20, Deduct	-90.10	
For >20 To 40, Deduct	-180.20	
For >40, Deduct	-290.02	
26 56 13 00-0030 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,628.66	404.18
For Galvanized Finish, Add	84.61	
For >10 To 20, Deduct	-90.72	
For >20 To 40, Deduct	-181.43	
For >40, Deduct	-292.36	
26 56 13 00-0031 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,798.39	404.18
For Galvanized Finish, Add	89.70	
For >10 To 20, Deduct	-94.96	
For >20 To 40, Deduct	-189.92	
For >40, Deduct	-305.09	
26 56 13 00-0032 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,854.78	413.81
For Galvanized Finish, Add	90.82	
For >10 To 20, Deduct	-96.37	
For >20 To 40, Deduct	-192.74	
For >40, Deduct	-309.80	
26 56 13 00-0033 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,909.26	423.43
For Galvanized Finish, Add	91.87	
For >10 To 20, Deduct	-97.73	
For >20 To 40, Deduct	-195.46	
For >40, Deduct	-314.37	
26 56 13 00-0034 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,323.50	423.43
For Galvanized Finish, Add	104.30	
For >10 To 20, Deduct	-108.09	
For >20 To 40, Deduct	-216.18	
For >40, Deduct	-345.43	
26 56 13 00-0035 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,348.32	433.06
For Galvanized Finish, Add	104.47	
For >10 To 20, Deduct	-108.71	
For >20 To 40, Deduct	-217.42	
For >40, Deduct	-347.78	

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	.....	4,373.32	442.68
		<i>For Galvanized Finish, Add</i>		104.64	
		<i>For &gt;10 To 20, Deduct</i>		-109.33	
		<i>For &gt;20 To 40, Deduct</i>		-218.67	
		<i>For &gt;40, Deduct</i>		-350.13	
<b>26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms</b> <small>(26 56 13 00-0005)</small>					
26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	3,926.83	384.94
		<i>For Galvanized Finish, Add</i>		94.71	
		<i>For &gt;10 To 20, Deduct</i>		-98.17	
		<i>For &gt;20 To 40, Deduct</i>		-196.34	
		<i>For &gt;40, Deduct</i>		-313.76	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	3,970.99	404.18
		<i>For Galvanized Finish, Add</i>		94.88	
		<i>For &gt;10 To 20, Deduct</i>		-99.27	
		<i>For &gt;20 To 40, Deduct</i>		-198.55	
		<i>For &gt;40, Deduct</i>		-318.03	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	.....	4,023.60	423.43
		<i>For Galvanized Finish, Add</i>		95.30	
		<i>For &gt;10 To 20, Deduct</i>		-100.59	
		<i>For &gt;20 To 40, Deduct</i>		-201.18	
		<i>For &gt;40, Deduct</i>		-322.94	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	4,145.32	423.43
		<i>For Galvanized Finish, Add</i>		98.95	
		<i>For &gt;10 To 20, Deduct</i>		-103.63	
		<i>For &gt;20 To 40, Deduct</i>		-207.27	
		<i>For &gt;40, Deduct</i>		-332.07	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	4,192.17	442.68
		<i>For Galvanized Finish, Add</i>		99.20	
		<i>For &gt;10 To 20, Deduct</i>		-104.80	
		<i>For &gt;20 To 40, Deduct</i>		-209.61	
		<i>For &gt;40, Deduct</i>		-336.55	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	.....	4,236.33	461.92
		<i>For Galvanized Finish, Add</i>		99.37	
		<i>For &gt;10 To 20, Deduct</i>		-105.91	
		<i>For &gt;20 To 40, Deduct</i>		-211.82	
		<i>For &gt;40, Deduct</i>		-340.82	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	4,415.56	442.68
		<i>For Galvanized Finish, Add</i>		105.91	
		<i>For &gt;10 To 20, Deduct</i>		-110.39	
		<i>For &gt;20 To 40, Deduct</i>		-220.78	
		<i>For &gt;40, Deduct</i>		-353.30	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	4,459.72	461.92
		<i>For Galvanized Finish, Add</i>		106.08	
		<i>For &gt;10 To 20, Deduct</i>		-111.49	
		<i>For &gt;20 To 40, Deduct</i>		-222.99	
		<i>For &gt;40, Deduct</i>		-357.58	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	.....	4,503.88	481.17
		<i>For Galvanized Finish, Add</i>		106.25	
		<i>For &gt;10 To 20, Deduct</i>		-112.60	
		<i>For &gt;20 To 40, Deduct</i>		-225.19	
		<i>For &gt;40, Deduct</i>		-361.85	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	4,765.48	461.92
		<i>For Galvanized Finish, Add</i>		115.25	
		<i>For &gt;10 To 20, Deduct</i>		-119.14	
		<i>For &gt;20 To 40, Deduct</i>		-238.27	
		<i>For &gt;40, Deduct</i>		-380.51	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	4,809.35	481.17
		<i>For Galvanized Finish, Add</i>		115.41	
		<i>For &gt;10 To 20, Deduct</i>		-120.23	
		<i>For &gt;20 To 40, Deduct</i>		-240.47	
		<i>For &gt;40, Deduct</i>		-384.76	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	.....	4,859.18	500.42
		<i>For Galvanized Finish, Add</i>		115.75	
		<i>For &gt;10 To 20, Deduct</i>		-121.48	
		<i>For &gt;20 To 40, Deduct</i>		-242.96	
		<i>For &gt;40, Deduct</i>		-389.46	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms</b> <small>(26 56 13 00-0005)</small>		
26 56 13 00-0051 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,371.60	423.43
For Galvanized Finish, Add	105.74	
For >10 To 20, Deduct	-109.29	
For >20 To 40, Deduct	-218.58	
For >40, Deduct	-349.04	
26 56 13 00-0052 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,437.78	452.31
For Galvanized Finish, Add	106.00	
For >10 To 20, Deduct	-110.94	
For >20 To 40, Deduct	-221.89	
For >40, Deduct	-355.45	
26 56 13 00-0053 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	4,501.09	481.17
For Galvanized Finish, Add	106.16	
For >10 To 20, Deduct	-112.53	
For >20 To 40, Deduct	-225.05	
For >40, Deduct	-361.64	
26 56 13 00-0054 EA 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,624.75	461.92
For Galvanized Finish, Add	111.03	
For >10 To 20, Deduct	-115.62	
For >20 To 40, Deduct	-231.24	
For >40, Deduct	-369.95	
26 56 13 00-0055 EA 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,688.44	490.80
For Galvanized Finish, Add	111.21	
For >10 To 20, Deduct	-117.21	
For >20 To 40, Deduct	-234.42	
For >40, Deduct	-376.17	
26 56 13 00-0056 EA 30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	4,719.49	519.66
For Galvanized Finish, Add	110.40	
For >10 To 20, Deduct	-117.99	
For >20 To 40, Deduct	-235.97	
For >40, Deduct	-379.95	
26 56 13 00-0057 EA 35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,984.74	481.17
For Galvanized Finish, Add	120.67	
For >10 To 20, Deduct	-124.62	
For >20 To 40, Deduct	-249.24	
For >40, Deduct	-397.91	
26 56 13 00-0058 EA 35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,086.64	510.05
For Galvanized Finish, Add	122.00	
For >10 To 20, Deduct	-127.17	
For >20 To 40, Deduct	-254.33	
For >40, Deduct	-407.00	
26 56 13 00-0059 EA 35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,114.52	538.91
For Galvanized Finish, Add	121.10	
For >10 To 20, Deduct	-127.86	
For >20 To 40, Deduct	-255.73	
For >40, Deduct	-410.53	
26 56 13 00-0060 EA 40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,207.18	500.42
For Galvanized Finish, Add	126.19	
For >10 To 20, Deduct	-130.18	
For >20 To 40, Deduct	-260.36	
For >40, Deduct	-415.56	
26 56 13 00-0061 EA 40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,270.48	529.29
For Galvanized Finish, Add	126.36	
For >10 To 20, Deduct	-131.76	
For >20 To 40, Deduct	-263.52	
For >40, Deduct	-421.75	
26 56 13 00-0062 EA 40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,336.67	558.16
For Galvanized Finish, Add	126.61	
For >10 To 20, Deduct	-133.42	
For >20 To 40, Deduct	-266.83	
For >40, Deduct	-428.16	
<b>26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm</b> <small>(26 56 13 00-0004)</small>		
<b>26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm</b> <small>(26 56 13 00-0063)</small>		
26 56 13 00-0065 EA 25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	3,116.51	307.95
For Galvanized Finish, Add	75.02	
For >10 To 20, Deduct	-77.91	
For >20 To 40, Deduct	-155.83	
For >40, Deduct	-249.14	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0066	EA		30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,528.63	346.44
			<i>For Galvanized Finish, Add</i>	85.07	
			<i>For &gt;10 To 20, Deduct</i>	-88.22	
			<i>For &gt;20 To 40, Deduct</i>	-176.43	
			<i>For &gt;40, Deduct</i>	-281.97	
26 56 13 00-0067	EA		35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,613.78	365.69
			<i>For Galvanized Finish, Add</i>	86.47	
			<i>For &gt;10 To 20, Deduct</i>	-90.34	
			<i>For &gt;20 To 40, Deduct</i>	-180.69	
			<i>For &gt;40, Deduct</i>	-289.32	
26 56 13 00-0068	EA		40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,368.05	384.94
			<i>For Galvanized Finish, Add</i>	107.95	
			<i>For &gt;10 To 20, Deduct</i>	-109.20	
			<i>For &gt;20 To 40, Deduct</i>	-218.40	
			<i>For &gt;40, Deduct</i>	-346.85	
26 56 13 00-0069			Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070			Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,117.50	307.95
			<i>For Galvanized Finish, Add</i>	105.05	
			<i>For &gt;10 To 20, Deduct</i>	-102.94	
			<i>For &gt;20 To 40, Deduct</i>	-205.88	
			<i>For &gt;40, Deduct</i>	-324.21	
26 56 13 00-0072	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,160.41	307.95
			<i>For Galvanized Finish, Add</i>	106.34	
			<i>For &gt;10 To 20, Deduct</i>	-104.01	
			<i>For &gt;20 To 40, Deduct</i>	-208.02	
			<i>For &gt;40, Deduct</i>	-327.43	
26 56 13 00-0073	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,180.00	307.95
			<i>For Galvanized Finish, Add</i>	106.92	
			<i>For &gt;10 To 20, Deduct</i>	-104.50	
			<i>For &gt;20 To 40, Deduct</i>	-209.00	
			<i>For &gt;40, Deduct</i>	-328.90	
26 56 13 00-0074	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,237.40	346.44
			<i>For Galvanized Finish, Add</i>	106.34	
			<i>For &gt;10 To 20, Deduct</i>	-105.94	
			<i>For &gt;20 To 40, Deduct</i>	-211.87	
			<i>For &gt;40, Deduct</i>	-335.13	
26 56 13 00-0075	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,244.89	346.44
			<i>For Galvanized Finish, Add</i>	106.56	
			<i>For &gt;10 To 20, Deduct</i>	-106.12	
			<i>For &gt;20 To 40, Deduct</i>	-212.24	
			<i>For &gt;40, Deduct</i>	-335.69	
26 56 13 00-0076	EA		30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,322.27	346.44
			<i>For Galvanized Finish, Add</i>	108.88	
			<i>For &gt;10 To 20, Deduct</i>	-108.06	
			<i>For &gt;20 To 40, Deduct</i>	-216.11	
			<i>For &gt;40, Deduct</i>	-341.49	
26 56 13 00-0077	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,301.33	365.69
			<i>For Galvanized Finish, Add</i>	107.10	
			<i>For &gt;10 To 20, Deduct</i>	-107.53	
			<i>For &gt;20 To 40, Deduct</i>	-215.07	
			<i>For &gt;40, Deduct</i>	-340.88	
26 56 13 00-0078	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,346.64	365.69
			<i>For Galvanized Finish, Add</i>	108.46	
			<i>For &gt;10 To 20, Deduct</i>	-108.67	
			<i>For &gt;20 To 40, Deduct</i>	-217.33	
			<i>For &gt;40, Deduct</i>	-344.28	
26 56 13 00-0079	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,584.24	365.69
			<i>For Galvanized Finish, Add</i>	115.59	
			<i>For &gt;10 To 20, Deduct</i>	-114.61	
			<i>For &gt;20 To 40, Deduct</i>	-229.21	
			<i>For &gt;40, Deduct</i>	-362.10	
26 56 13 00-0080			Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0081	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,413.10	384.94
			<i>For Galvanized Finish, Add</i>	139.30	
			<i>For &gt;10 To 20, Deduct</i>	-135.33	
			<i>For &gt;20 To 40, Deduct</i>	-270.66	
			<i>For &gt;40, Deduct</i>	-425.23	
26 56 13 00-0082	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,492.69	404.18
			<i>For Galvanized Finish, Add</i>	140.53	
			<i>For &gt;10 To 20, Deduct</i>	-137.32	
			<i>For &gt;20 To 40, Deduct</i>	-274.63	
			<i>For &gt;40, Deduct</i>	-432.16	
26 56 13 00-0083	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,692.46	423.43
			<i>For Galvanized Finish, Add</i>	145.37	
			<i>For &gt;10 To 20, Deduct</i>	-142.31	
			<i>For &gt;20 To 40, Deduct</i>	-284.62	
			<i>For &gt;40, Deduct</i>	-448.11	
26 56 13 00-0084	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,466.28	423.43
			<i>For Galvanized Finish, Add</i>	138.58	
			<i>For &gt;10 To 20, Deduct</i>	-136.66	
			<i>For &gt;20 To 40, Deduct</i>	-273.31	
			<i>For &gt;40, Deduct</i>	-431.14	
26 56 13 00-0085	EA		30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,717.03	442.68
			<i>For Galvanized Finish, Add</i>	144.95	
			<i>For &gt;10 To 20, Deduct</i>	-142.93	
			<i>For &gt;20 To 40, Deduct</i>	-285.85	
			<i>For &gt;40, Deduct</i>	-450.91	
26 56 13 00-0086	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,859.98	461.92
			<i>For Galvanized Finish, Add</i>	148.08	
			<i>For &gt;10 To 20, Deduct</i>	-146.50	
			<i>For &gt;20 To 40, Deduct</i>	-293.00	
			<i>For &gt;40, Deduct</i>	-462.59	
26 56 13 00-0087	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,623.33	442.68
			<i>For Galvanized Finish, Add</i>	142.14	
			<i>For &gt;10 To 20, Deduct</i>	-140.58	
			<i>For &gt;20 To 40, Deduct</i>	-281.17	
			<i>For &gt;40, Deduct</i>	-443.88	
26 56 13 00-0088	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,964.62	461.92
			<i>For Galvanized Finish, Add</i>	151.22	
			<i>For &gt;10 To 20, Deduct</i>	-149.12	
			<i>For &gt;20 To 40, Deduct</i>	-298.23	
			<i>For &gt;40, Deduct</i>	-470.44	
26 56 13 00-0089	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,158.63	481.17
			<i>For Galvanized Finish, Add</i>	155.89	
			<i>For &gt;10 To 20, Deduct</i>	-153.97	
			<i>For &gt;20 To 40, Deduct</i>	-307.93	
			<i>For &gt;40, Deduct</i>	-485.96	
26 56 13 00-0090			<b>Aluminum Roadway Light Poles</b> <small>(26 56 13 00-0002)</small> Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0091			<b>Round Tapered, Aluminum Roadway Light Poles</b> <small>(26 56 13 00-0090)</small>		
26 56 13 00-0092			<b>Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms</b> <small>(26 56 13 00-0091)</small>		
26 56 13 00-0093			<b>Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm</b> <small>(26 56 13 00-0092)</small>		
26 56 13 00-0094	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,396.90	230.96
			<i>For &gt;10 To 20, Deduct</i>	-59.92	
			<i>For &gt;20 To 40, Deduct</i>	-119.85	
			<i>For &gt;40, Deduct</i>	-191.32	
26 56 13 00-0095	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,420.32	230.96
			<i>For &gt;10 To 20, Deduct</i>	-60.51	
			<i>For &gt;20 To 40, Deduct</i>	-121.02	
			<i>For &gt;40, Deduct</i>	-193.07	
26 56 13 00-0096	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,904.44	307.95
			<i>For &gt;10 To 20, Deduct</i>	-72.61	
			<i>For &gt;20 To 40, Deduct</i>	-145.22	
			<i>For &gt;40, Deduct</i>	-233.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,948.70	307.95
			<i>For &gt;10 To 20, Deduct</i>	-73.72	
			<i>For &gt;20 To 40, Deduct</i>	-147.44	
			<i>For &gt;40, Deduct</i>	-236.55	
26 56	13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	2,989.40	307.95
			<i>For &gt;10 To 20, Deduct</i>	-74.74	
			<i>For &gt;20 To 40, Deduct</i>	-149.47	
			<i>For &gt;40, Deduct</i>	-239.60	
26 56	13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,343.55	346.44
			<i>For &gt;10 To 20, Deduct</i>	-83.59	
			<i>For &gt;20 To 40, Deduct</i>	-167.18	
			<i>For &gt;40, Deduct</i>	-268.09	
26 56	13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,380.89	346.44
			<i>For &gt;10 To 20, Deduct</i>	-84.52	
			<i>For &gt;20 To 40, Deduct</i>	-169.04	
			<i>For &gt;40, Deduct</i>	-270.89	
26 56	13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,422.65	346.44
			<i>For &gt;10 To 20, Deduct</i>	-85.57	
			<i>For &gt;20 To 40, Deduct</i>	-171.13	
			<i>For &gt;40, Deduct</i>	-274.02	
26 56	13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,972.82	365.69
			<i>For &gt;10 To 20, Deduct</i>	-99.32	
			<i>For &gt;20 To 40, Deduct</i>	-198.64	
			<i>For &gt;40, Deduct</i>	-316.25	
26 56	13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,010.07	365.69
			<i>For &gt;10 To 20, Deduct</i>	-100.25	
			<i>For &gt;20 To 40, Deduct</i>	-200.50	
			<i>For &gt;40, Deduct</i>	-319.04	
26 56	13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,041.27	365.69
			<i>For &gt;10 To 20, Deduct</i>	-101.03	
			<i>For &gt;20 To 40, Deduct</i>	-202.06	
			<i>For &gt;40, Deduct</i>	-321.38	
<b>26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms</b> <small>(26 56 13 00-0092)</small>					
26 56	13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	2,739.81	269.46
			<i>For &gt;10 To 20, Deduct</i>	-68.50	
			<i>For &gt;20 To 40, Deduct</i>	-136.99	
			<i>For &gt;40, Deduct</i>	-218.96	
26 56	13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	2,969.34	269.46
			<i>For &gt;10 To 20, Deduct</i>	-74.23	
			<i>For &gt;20 To 40, Deduct</i>	-148.47	
			<i>For &gt;40, Deduct</i>	-236.17	
26 56	13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,052.58	288.70
			<i>For &gt;10 To 20, Deduct</i>	-76.31	
			<i>For &gt;20 To 40, Deduct</i>	-152.63	
			<i>For &gt;40, Deduct</i>	-243.38	
26 56	13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,234.78	346.44
			<i>For &gt;10 To 20, Deduct</i>	-80.87	
			<i>For &gt;20 To 40, Deduct</i>	-161.74	
			<i>For &gt;40, Deduct</i>	-259.93	
26 56	13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,400.13	356.07
			<i>For &gt;10 To 20, Deduct</i>	-85.00	
			<i>For &gt;20 To 40, Deduct</i>	-170.01	
			<i>For &gt;40, Deduct</i>	-272.81	
26 56	13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,644.50	365.69
			<i>For &gt;10 To 20, Deduct</i>	-91.11	
			<i>For &gt;20 To 40, Deduct</i>	-182.23	
			<i>For &gt;40, Deduct</i>	-291.62	
26 56	13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,754.32	384.94
			<i>For &gt;10 To 20, Deduct</i>	-93.86	
			<i>For &gt;20 To 40, Deduct</i>	-187.72	
			<i>For &gt;40, Deduct</i>	-300.82	
26 56	13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,909.12	394.57
			<i>For &gt;10 To 20, Deduct</i>	-97.73	
			<i>For &gt;20 To 40, Deduct</i>	-195.46	
			<i>For &gt;40, Deduct</i>	-312.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0114 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,100.98	404.18
<i>For &gt;10 To 20, Deduct</i>	-102.52	
<i>For &gt;20 To 40, Deduct</i>	-205.05	
<i>For &gt;40, Deduct</i>	-327.78	
26 56 13 00-0115 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,304.02	404.18
<i>For &gt;10 To 20, Deduct</i>	-107.60	
<i>For &gt;20 To 40, Deduct</i>	-215.20	
<i>For &gt;40, Deduct</i>	-343.01	
26 56 13 00-0116 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,745.85	413.81
<i>For &gt;10 To 20, Deduct</i>	-118.65	
<i>For &gt;20 To 40, Deduct</i>	-237.29	
<i>For &gt;40, Deduct</i>	-376.63	
26 56 13 00-0117 EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,261.90	423.43
<i>For &gt;10 To 20, Deduct</i>	-131.55	
<i>For &gt;20 To 40, Deduct</i>	-263.10	
<i>For &gt;40, Deduct</i>	-415.81	
<b>26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms</b> <small>(26 56 13 00-0092)</small>		
26 56 13 00-0119 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,186.30	307.95
<i>For &gt;10 To 20, Deduct</i>	-79.66	
<i>For &gt;20 To 40, Deduct</i>	-159.32	
<i>For &gt;40, Deduct</i>	-254.37	
26 56 13 00-0120 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,410.45	327.20
<i>For &gt;10 To 20, Deduct</i>	-85.26	
<i>For &gt;20 To 40, Deduct</i>	-170.52	
<i>For &gt;40, Deduct</i>	-272.14	
26 56 13 00-0121 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,860.01	384.94
<i>For &gt;10 To 20, Deduct</i>	-96.50	
<i>For &gt;20 To 40, Deduct</i>	-193.00	
<i>For &gt;40, Deduct</i>	-308.75	
26 56 13 00-0122 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,021.30	404.18
<i>For &gt;10 To 20, Deduct</i>	-100.53	
<i>For &gt;20 To 40, Deduct</i>	-201.07	
<i>For &gt;40, Deduct</i>	-321.81	
26 56 13 00-0123 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,211.18	423.43
<i>For &gt;10 To 20, Deduct</i>	-105.28	
<i>For &gt;20 To 40, Deduct</i>	-210.56	
<i>For &gt;40, Deduct</i>	-337.01	
26 56 13 00-0124 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,355.37	442.68
<i>For &gt;10 To 20, Deduct</i>	-108.88	
<i>For &gt;20 To 40, Deduct</i>	-217.77	
<i>For &gt;40, Deduct</i>	-348.79	
26 56 13 00-0125 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,575.21	442.68
<i>For &gt;10 To 20, Deduct</i>	-114.38	
<i>For &gt;20 To 40, Deduct</i>	-228.76	
<i>For &gt;40, Deduct</i>	-365.27	
26 56 13 00-0126 EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,003.85	461.92
<i>For &gt;10 To 20, Deduct</i>	-125.10	
<i>For &gt;20 To 40, Deduct</i>	-250.19	
<i>For &gt;40, Deduct</i>	-398.39	
26 56 13 00-0127 EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,799.61	481.17
<i>For &gt;10 To 20, Deduct</i>	-144.99	
<i>For &gt;20 To 40, Deduct</i>	-289.98	
<i>For &gt;40, Deduct</i>	-459.03	
<b>26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms</b> <small>(26 56 13 00-0092)</small>		
26 56 13 00-0129 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	3,262.71	346.44
<i>For &gt;10 To 20, Deduct</i>	-81.57	
<i>For &gt;20 To 40, Deduct</i>	-163.14	
<i>For &gt;40, Deduct</i>	-262.03	
26 56 13 00-0130 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	3,403.26	346.44
<i>For &gt;10 To 20, Deduct</i>	-85.08	
<i>For &gt;20 To 40, Deduct</i>	-170.16	
<i>For &gt;40, Deduct</i>	-272.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,219.92	423.43
			<i>For &gt;10 To 20, Deduct</i>	-105.50	
			<i>For &gt;20 To 40, Deduct</i>	-211.00	
			<i>For &gt;40, Deduct</i>	-337.67	
26 56	13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,577.27	452.31
			<i>For &gt;10 To 20, Deduct</i>	-114.43	
			<i>For &gt;20 To 40, Deduct</i>	-228.86	
			<i>For &gt;40, Deduct</i>	-365.91	
26 56	13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,787.95	461.92
			<i>For &gt;10 To 20, Deduct</i>	-119.70	
			<i>For &gt;20 To 40, Deduct</i>	-239.40	
			<i>For &gt;40, Deduct</i>	-382.19	
26 56	13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,114.20	490.80
			<i>For &gt;10 To 20, Deduct</i>	-127.86	
			<i>For &gt;20 To 40, Deduct</i>	-255.71	
			<i>For &gt;40, Deduct</i>	-408.10	
26 56	13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,049.25	481.17
			<i>For &gt;10 To 20, Deduct</i>	-126.23	
			<i>For &gt;20 To 40, Deduct</i>	-252.46	
			<i>For &gt;40, Deduct</i>	-402.75	
26 56	13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,795.02	510.05
			<i>For &gt;10 To 20, Deduct</i>	-144.88	
			<i>For &gt;20 To 40, Deduct</i>	-289.75	
			<i>For &gt;40, Deduct</i>	-460.13	
26 56	13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,449.69	538.91
			<i>For &gt;10 To 20, Deduct</i>	-161.24	
			<i>For &gt;20 To 40, Deduct</i>	-322.48	
			<i>For &gt;40, Deduct</i>	-510.67	
26 56	13 00-0138		Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0091)</small>		
26 56	13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0138)</small>		
26 56	13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,554.75	307.95
			<i>For &gt;10 To 20, Deduct</i>	-88.87	
			<i>For &gt;20 To 40, Deduct</i>	-177.74	
			<i>For &gt;40, Deduct</i>	-282.00	
26 56	13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,586.04	307.95
			<i>For &gt;10 To 20, Deduct</i>	-89.65	
			<i>For &gt;20 To 40, Deduct</i>	-179.30	
			<i>For &gt;40, Deduct</i>	-284.35	
26 56	13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,666.01	307.95
			<i>For &gt;10 To 20, Deduct</i>	-91.65	
			<i>For &gt;20 To 40, Deduct</i>	-183.30	
			<i>For &gt;40, Deduct</i>	-290.35	
26 56	13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,786.01	307.95
			<i>For &gt;10 To 20, Deduct</i>	-94.65	
			<i>For &gt;20 To 40, Deduct</i>	-189.30	
			<i>For &gt;40, Deduct</i>	-299.35	
26 56	13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,002.78	346.44
			<i>For &gt;10 To 20, Deduct</i>	-100.07	
			<i>For &gt;20 To 40, Deduct</i>	-200.14	
			<i>For &gt;40, Deduct</i>	-317.53	
26 56	13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,073.34	346.44
			<i>For &gt;10 To 20, Deduct</i>	-101.83	
			<i>For &gt;20 To 40, Deduct</i>	-203.67	
			<i>For &gt;40, Deduct</i>	-322.82	
26 56	13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,148.60	346.44
			<i>For &gt;10 To 20, Deduct</i>	-103.72	
			<i>For &gt;20 To 40, Deduct</i>	-207.43	
			<i>For &gt;40, Deduct</i>	-328.47	
26 56	13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,602.59	346.44
			<i>For &gt;10 To 20, Deduct</i>	-115.06	
			<i>For &gt;20 To 40, Deduct</i>	-230.13	
			<i>For &gt;40, Deduct</i>	-362.52	
26 56	13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,364.12	365.69
			<i>For &gt;10 To 20, Deduct</i>	-109.10	
			<i>For &gt;20 To 40, Deduct</i>	-218.21	
			<i>For &gt;40, Deduct</i>	-345.59	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0149	EA		35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,946.64	365.69
			<i>For &gt;10 To 20, Deduct</i>	-123.67	
			<i>For &gt;20 To 40, Deduct</i>	-247.33	
			<i>For &gt;40, Deduct</i>	-389.28	
26 56 13 00-0150	EA		35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,003.38	365.69
			<i>For &gt;10 To 20, Deduct</i>	-125.08	
			<i>For &gt;20 To 40, Deduct</i>	-250.17	
			<i>For &gt;40, Deduct</i>	-393.54	
26 56 13 00-0151	EA		35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,363.57	365.69
			<i>For &gt;10 To 20, Deduct</i>	-134.09	
			<i>For &gt;20 To 40, Deduct</i>	-268.18	
			<i>For &gt;40, Deduct</i>	-420.55	
26 56 13 00-0152	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,692.08	365.69
			<i>For &gt;10 To 20, Deduct</i>	-142.30	
			<i>For &gt;20 To 40, Deduct</i>	-284.60	
			<i>For &gt;40, Deduct</i>	-445.19	
<b>26 56 13 00-0153</b>			<b>Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms</b>		
			<small>(26 56 13 00-0138)</small>		
26 56 13 00-0154	EA		25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,633.97	384.94
			<i>For &gt;10 To 20, Deduct</i>	-115.85	
			<i>For &gt;20 To 40, Deduct</i>	-231.70	
			<i>For &gt;40, Deduct</i>	-366.79	
26 56 13 00-0155	EA		25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	4,752.43	404.18
			<i>For &gt;10 To 20, Deduct</i>	-118.81	
			<i>For &gt;20 To 40, Deduct</i>	-237.62	
			<i>For &gt;40, Deduct</i>	-376.64	
26 56 13 00-0156	EA		25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	4,842.38	423.43
			<i>For &gt;10 To 20, Deduct</i>	-121.06	
			<i>For &gt;20 To 40, Deduct</i>	-242.12	
			<i>For &gt;40, Deduct</i>	-384.35	
26 56 13 00-0157	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,979.47	423.43
			<i>For &gt;10 To 20, Deduct</i>	-124.49	
			<i>For &gt;20 To 40, Deduct</i>	-248.97	
			<i>For &gt;40, Deduct</i>	-394.63	
26 56 13 00-0158	EA		30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,434.79	442.68
			<i>For &gt;10 To 20, Deduct</i>	-135.87	
			<i>For &gt;20 To 40, Deduct</i>	-271.74	
			<i>For &gt;40, Deduct</i>	-429.74	
26 56 13 00-0159	EA		30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,295.72	461.92
			<i>For &gt;10 To 20, Deduct</i>	-157.39	
			<i>For &gt;20 To 40, Deduct</i>	-314.79	
			<i>For &gt;40, Deduct</i>	-495.28	
26 56 13 00-0160	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,094.41	442.68
			<i>For &gt;10 To 20, Deduct</i>	-152.36	
			<i>For &gt;20 To 40, Deduct</i>	-304.72	
			<i>For &gt;40, Deduct</i>	-479.21	
26 56 13 00-0161	EA		35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,199.91	461.92
			<i>For &gt;10 To 20, Deduct</i>	-155.00	
			<i>For &gt;20 To 40, Deduct</i>	-310.00	
			<i>For &gt;40, Deduct</i>	-488.09	
26 56 13 00-0162	EA		35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,644.80	481.17
			<i>For &gt;10 To 20, Deduct</i>	-191.12	
			<i>For &gt;20 To 40, Deduct</i>	-382.24	
			<i>For &gt;40, Deduct</i>	-597.42	
<b>26 56 13 00-0163</b>			<b>Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm</b>		
			<small>(26 56 13 00-0091)</small>		
<b>26 56 13 00-0164</b>			<b>Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm</b>		
			<small>(26 56 13 00-0163)</small>		
26 56 13 00-0165	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	2,943.90	230.96
			<i>For &gt;10 To 20, Deduct</i>	-73.60	
			<i>For &gt;20 To 40, Deduct</i>	-147.20	
			<i>For &gt;40, Deduct</i>	-232.34	
26 56 13 00-0166	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,032.32	230.96
			<i>For &gt;10 To 20, Deduct</i>	-75.81	
			<i>For &gt;20 To 40, Deduct</i>	-151.62	
			<i>For &gt;40, Deduct</i>	-238.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	3,120.93	230.96
			<i>For &gt;10 To 20, Deduct</i>	-78.02	
			<i>For &gt;20 To 40, Deduct</i>	-156.05	
			<i>For &gt;40, Deduct</i>	-245.62	
26 56	13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base .....	3,459.42	307.95
			<i>For &gt;10 To 20, Deduct</i>	-86.49	
			<i>For &gt;20 To 40, Deduct</i>	-172.97	
			<i>For &gt;40, Deduct</i>	-274.85	
26 56	13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base .....	3,526.81	307.95
			<i>For &gt;10 To 20, Deduct</i>	-88.17	
			<i>For &gt;20 To 40, Deduct</i>	-176.34	
			<i>For &gt;40, Deduct</i>	-279.91	
26 56	13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	3,600.44	307.95
			<i>For &gt;10 To 20, Deduct</i>	-90.01	
			<i>For &gt;20 To 40, Deduct</i>	-180.02	
			<i>For &gt;40, Deduct</i>	-285.43	
26 56	13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base .....	3,905.82	346.44
			<i>For &gt;10 To 20, Deduct</i>	-97.65	
			<i>For &gt;20 To 40, Deduct</i>	-195.29	
			<i>For &gt;40, Deduct</i>	-310.26	
26 56	13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base .....	3,997.31	346.44
			<i>For &gt;10 To 20, Deduct</i>	-99.93	
			<i>For &gt;20 To 40, Deduct</i>	-199.87	
			<i>For &gt;40, Deduct</i>	-317.12	
26 56	13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	4,011.03	346.44
			<i>For &gt;10 To 20, Deduct</i>	-100.28	
			<i>For &gt;20 To 40, Deduct</i>	-200.55	
			<i>For &gt;40, Deduct</i>	-318.15	
26 56	13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base .....	4,269.84	365.69
			<i>For &gt;10 To 20, Deduct</i>	-106.75	
			<i>For &gt;20 To 40, Deduct</i>	-213.49	
			<i>For &gt;40, Deduct</i>	-338.52	
26 56	13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base .....	4,309.97	365.69
			<i>For &gt;10 To 20, Deduct</i>	-107.75	
			<i>For &gt;20 To 40, Deduct</i>	-215.50	
			<i>For &gt;40, Deduct</i>	-341.53	
26 56	13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	4,404.05	365.69
			<i>For &gt;10 To 20, Deduct</i>	-110.10	
			<i>For &gt;20 To 40, Deduct</i>	-220.20	
			<i>For &gt;40, Deduct</i>	-348.59	
26 56	13 00-0177		Area Light Poles <small>(26 56 13 00-0001)</small>		
26 56	13 00-0178		Steel Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56	13 00-0179		Round Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0180		Round Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0179)</small>		
26 56	13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	666.56	134.73
			<i>For Galvanized Finish, Add</i>	11.91	
			<i>For &gt;10 To 20, Deduct</i>	-22.62	
			<i>For &gt;20 To 40, Deduct</i>	-41.27	
			<i>For &gt;40, Deduct</i>	-86.51	
26 56	13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	727.05	153.97
			<i>For Galvanized Finish, Add</i>	12.57	
			<i>For &gt;10 To 20, Deduct</i>	-24.46	
			<i>For &gt;20 To 40, Deduct</i>	-44.73	
			<i>For &gt;40, Deduct</i>	-93.66	
26 56	13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	812.84	173.22
			<i>For Galvanized Finish, Add</i>	13.99	
			<i>For &gt;10 To 20, Deduct</i>	-27.32	
			<i>For &gt;20 To 40, Deduct</i>	-49.97	
			<i>For &gt;40, Deduct</i>	-104.60	
26 56	13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	900.84	192.47
			<i>For Galvanized Finish, Add</i>	15.48	
			<i>For &gt;10 To 20, Deduct</i>	-30.26	
			<i>For &gt;20 To 40, Deduct</i>	-55.36	
			<i>For &gt;40, Deduct</i>	-115.88	
26 56	13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	961.33	211.72
			<i>For Galvanized Finish, Add</i>	16.14	
			<i>For &gt;10 To 20, Deduct</i>	-32.10	
			<i>For &gt;20 To 40, Deduct</i>	-58.82	
			<i>For &gt;40, Deduct</i>	-123.03	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0186 EA 20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,016.32 16.63 -33.72 -61.90 -129.35	230.96
26 56 13 00-0187 EA 10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	695.16 12.77 -23.76 -43.27 -90.80	134.73
26 56 13 00-0188 EA 12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	756.75 13.46 -25.65 -46.81 -98.12	153.97
26 56 13 00-0189 EA 14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	872.24 15.77 -29.69 -54.13 -113.51	173.22
26 56 13 00-0190 EA 16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	939.34 16.63 -31.80 -58.06 -121.65	192.47
26 56 13 00-0191 EA 18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,003.13 17.39 -33.77 -61.75 -129.30	211.72
26 56 13 00-0192 EA 20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,055.92 17.82 -35.31 -64.68 -135.29	230.96
26 56 13 00-0193 EA 25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,250.60 19.04 -40.79 -75.22 -156.80	307.95
26 56 13 00-0194 EA 10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	695.16 12.77 -23.76 -43.27 -90.80	134.73
26 56 13 00-0195 EA 12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	760.05 13.56 -25.78 -47.04 -98.61	153.97
26 56 13 00-0196 EA 14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	889.84 16.30 -30.40 -55.36 -116.15	173.22
26 56 13 00-0197 EA 16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	942.64 16.73 -31.93 -58.29 -122.15	192.47
26 56 13 00-0198 EA 18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,003.13 17.39 -33.77 -61.75 -129.30	211.72
26 56 13 00-0199 EA 20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,055.92 17.82 -35.31 -64.68 -135.29	230.96
26 56 13 00-0200 EA 25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,281.40 19.97 -42.02 -77.38 -161.42	307.95
26 56 13 00-0201 EA 30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,415.59 21.68 -46.23 -85.23 -177.69	346.44
26 56 13 00-0202 EA 20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,126.32 19.93 -38.12 -69.60 -145.85	230.96

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0203	EA		25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,295.70	307.95
			<i>For Galvanized Finish, Add</i>	20.39	
			<i>For &gt;10 To 20, Deduct</i>	-42.59	
			<i>For &gt;20 To 40, Deduct</i>	-78.38	
			<i>For &gt;40, Deduct</i>	-163.56	
26 56 13 00-0204	EA		30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,443.09	346.44
			<i>For Galvanized Finish, Add</i>	22.51	
			<i>For &gt;10 To 20, Deduct</i>	-47.33	
			<i>For &gt;20 To 40, Deduct</i>	-87.16	
			<i>For &gt;40, Deduct</i>	-181.82	
<b>26 56 13 00-0205 Round Tapered, Steel Area Light Poles (26 56 13 00-0178)</b>					
<b>26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base (26 56 13 00-0205)</b>					
26 56 13 00-0207	EA		20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,374.92	230.96
			<i>For Galvanized Finish, Add</i>	27.39	
			<i>For &gt;10 To 20, Deduct</i>	-48.07	
			<i>For &gt;20 To 40, Deduct</i>	-87.01	
			<i>For &gt;40, Deduct</i>	-183.14	
26 56 13 00-0208	EA		20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,409.02	230.96
			<i>For Galvanized Finish, Add</i>	28.41	
			<i>For &gt;10 To 20, Deduct</i>	-49.43	
			<i>For &gt;20 To 40, Deduct</i>	-89.39	
			<i>For &gt;40, Deduct</i>	-188.26	
26 56 13 00-0209	EA		25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,637.80	307.95
			<i>For Galvanized Finish, Add</i>	30.66	
			<i>For &gt;10 To 20, Deduct</i>	-56.27	
			<i>For &gt;20 To 40, Deduct</i>	-102.33	
			<i>For &gt;40, Deduct</i>	-214.88	
26 56 13 00-0210	EA		25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,708.20	307.95
			<i>For Galvanized Finish, Add</i>	32.77	
			<i>For &gt;10 To 20, Deduct</i>	-59.09	
			<i>For &gt;20 To 40, Deduct</i>	-107.26	
			<i>For &gt;40, Deduct</i>	-225.44	
26 56 13 00-0211	EA		30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,824.79	346.44
			<i>For Galvanized Finish, Add</i>	33.96	
			<i>For &gt;10 To 20, Deduct</i>	-62.60	
			<i>For &gt;20 To 40, Deduct</i>	-113.88	
			<i>For &gt;40, Deduct</i>	-239.07	
26 56 13 00-0212	EA		30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	1,942.49	346.44
			<i>For Galvanized Finish, Add</i>	37.49	
			<i>For &gt;10 To 20, Deduct</i>	-67.31	
			<i>For &gt;20 To 40, Deduct</i>	-122.12	
			<i>For &gt;40, Deduct</i>	-256.73	
26 56 13 00-0213	EA		35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,005.18	365.69
			<i>For Galvanized Finish, Add</i>	38.21	
			<i>For &gt;10 To 20, Deduct</i>	-69.24	
			<i>For &gt;20 To 40, Deduct</i>	-125.74	
			<i>For &gt;40, Deduct</i>	-264.21	
26 56 13 00-0214	EA		35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,077.78	365.69
			<i>For Galvanized Finish, Add</i>	40.39	
			<i>For &gt;10 To 20, Deduct</i>	-72.14	
			<i>For &gt;20 To 40, Deduct</i>	-130.82	
			<i>For &gt;40, Deduct</i>	-275.10	
26 56 13 00-0215	EA		35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,251.58	365.69
			<i>For Galvanized Finish, Add</i>	45.61	
			<i>For &gt;10 To 20, Deduct</i>	-79.09	
			<i>For &gt;20 To 40, Deduct</i>	-142.98	
			<i>For &gt;40, Deduct</i>	-301.17	
26 56 13 00-0216	EA		39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,276.87	384.94
			<i>For Galvanized Finish, Add</i>	45.21	
			<i>For &gt;10 To 20, Deduct</i>	-79.53	
			<i>For &gt;20 To 40, Deduct</i>	-143.98	
			<i>For &gt;40, Deduct</i>	-303.04	
26 56 13 00-0217	EA		39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,307.67	384.94
			<i>For Galvanized Finish, Add</i>	46.13	
			<i>For &gt;10 To 20, Deduct</i>	-80.76	
			<i>For &gt;20 To 40, Deduct</i>	-146.14	
			<i>For &gt;40, Deduct</i>	-307.66	
26 56 13 00-0218	EA		45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,131.54	500.42
			<i>For Galvanized Finish, Add</i>	63.92	
			<i>For &gt;10 To 20, Deduct</i>	-110.25	
			<i>For &gt;20 To 40, Deduct</i>	-199.19	
			<i>For &gt;40, Deduct</i>	-419.69	
26 56 13 00-0219	EA		50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,278.91	577.41
			<i>For Galvanized Finish, Add</i>	63.72	
			<i>For &gt;10 To 20, Deduct</i>	-113.83	
			<i>For &gt;20 To 40, Deduct</i>	-206.43	
			<i>For &gt;40, Deduct</i>	-434.10	
26 56 13 00-0220	EA		25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,185.60	307.95
			<i>For Galvanized Finish, Add</i>	47.09	
			<i>For &gt;10 To 20, Deduct</i>	-78.19	
			<i>For &gt;20 To 40, Deduct</i>	-140.67	
			<i>For &gt;40, Deduct</i>	-297.05	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0221	EA		30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,480.39 53.63 -88.82 -159.77 -337.41	346.44
26 56 13 00-0222	EA		39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,869.77 63.00 -103.24 -185.49 -391.97	384.94
26 56 13 00-0223	EA		45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,474.74 74.22 -123.98 -223.22 -471.17	500.42
26 56 13 00-0224	EA		50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,053.31 86.96 -144.81 -260.64 -550.26	577.41
26 56 13 00-0225	EA		50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,501.01 100.39 -162.72 -291.97 -617.41	577.41
26 56 13 00-0226	EA		50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,997.01 145.27 -222.56 -396.69 -841.81	577.41
26 56 13 00-0227	EA		50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	6,723.01 167.05 -251.60 -447.51 -950.71	577.41
26 56 13 00-0228			<b>Square Straight, Steel Area Light Poles</b> <small>(26 56 13 00-0178)</small>		
26 56 13 00-0229			<b>Square Straight, Steel Area Light Poles, Anchor Base</b> <small>(26 56 13 00-0228)</small>		
26 56 13 00-0230	EA		10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	657.76 11.65 -22.27 -40.65 -85.19	134.73
26 56 13 00-0231	EA		12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	696.25 11.65 -23.23 -42.58 -89.04	153.97
26 56 13 00-0232	EA		14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	753.44 12.21 -24.94 -45.81 -95.69	173.22
26 56 13 00-0233	EA		15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	799.09 13.00 -26.48 -48.62 -101.58	182.85
26 56 13 00-0234	EA		16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	818.34 13.00 -26.96 -49.59 -103.50	192.47
26 56 13 00-0235	EA		18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	868.93 13.37 -28.41 -52.36 -109.17	211.72
26 56 13 00-0236	EA		20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	917.32 13.66 -29.76 -54.97 -114.50	230.96
26 56 13 00-0237	EA		25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,137.30 15.64 -36.25 -67.29 -139.80	307.95
26 56 13 00-0238	EA		20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,065.82 18.12 -35.70 -65.37 -136.78	230.96

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,341.90	307.95
			<i>For Galvanized Finish, Add</i>	21.78	
			<i>For &gt;10 To 20, Deduct</i>	-44.44	
			<i>For &gt;20 To 40, Deduct</i>	-81.62	
			<i>For &gt;40, Deduct</i>	-170.49	
26 56	13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,538.79	346.44
			<i>For Galvanized Finish, Add</i>	25.38	
			<i>For &gt;10 To 20, Deduct</i>	-51.16	
			<i>For &gt;20 To 40, Deduct</i>	-93.86	
			<i>For &gt;40, Deduct</i>	-196.17	
26 56	13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,025.12	230.96
			<i>For Galvanized Finish, Add</i>	16.90	
			<i>For &gt;10 To 20, Deduct</i>	-34.08	
			<i>For &gt;20 To 40, Deduct</i>	-62.52	
			<i>For &gt;40, Deduct</i>	-130.67	
26 56	13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,262.70	307.95
			<i>For Galvanized Finish, Add</i>	19.40	
			<i>For &gt;10 To 20, Deduct</i>	-41.27	
			<i>For &gt;20 To 40, Deduct</i>	-76.07	
			<i>For &gt;40, Deduct</i>	-158.61	
26 56	13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,470.59	346.44
			<i>For Galvanized Finish, Add</i>	23.33	
			<i>For &gt;10 To 20, Deduct</i>	-48.43	
			<i>For &gt;20 To 40, Deduct</i>	-89.08	
			<i>For &gt;40, Deduct</i>	-185.94	
26 56	13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,164.82	230.96
			<i>For Galvanized Finish, Add</i>	21.09	
			<i>For &gt;10 To 20, Deduct</i>	-39.66	
			<i>For &gt;20 To 40, Deduct</i>	-72.30	
			<i>For &gt;40, Deduct</i>	-151.63	
26 56	13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,440.90	307.95
			<i>For Galvanized Finish, Add</i>	24.75	
			<i>For &gt;10 To 20, Deduct</i>	-48.40	
			<i>For &gt;20 To 40, Deduct</i>	-88.55	
			<i>For &gt;40, Deduct</i>	-185.34	
26 56	13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,632.29	346.44
			<i>For Galvanized Finish, Add</i>	28.18	
			<i>For &gt;10 To 20, Deduct</i>	-54.90	
			<i>For &gt;20 To 40, Deduct</i>	-100.40	
			<i>For &gt;40, Deduct</i>	-210.20	
26 56	13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,807.18	365.69
			<i>For Galvanized Finish, Add</i>	32.27	
			<i>For &gt;10 To 20, Deduct</i>	-61.32	
			<i>For &gt;20 To 40, Deduct</i>	-111.88	
			<i>For &gt;40, Deduct</i>	-234.51	
26 56	13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,848.99	346.44
			<i>For Galvanized Finish, Add</i>	34.68	
			<i>For &gt;10 To 20, Deduct</i>	-63.57	
			<i>For &gt;20 To 40, Deduct</i>	-115.57	
			<i>For &gt;40, Deduct</i>	-242.70	
26 56	13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,024.98	365.69
			<i>For Galvanized Finish, Add</i>	38.81	
			<i>For &gt;10 To 20, Deduct</i>	-70.03	
			<i>For &gt;20 To 40, Deduct</i>	-127.12	
			<i>For &gt;40, Deduct</i>	-267.18	
26 56	13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,141.57	384.94
			<i>For Galvanized Finish, Add</i>	41.15	
			<i>For &gt;10 To 20, Deduct</i>	-74.11	
			<i>For &gt;20 To 40, Deduct</i>	-134.51	
			<i>For &gt;40, Deduct</i>	-282.74	
26 56	13 00-0251		Hinged, Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0252		Hinged, Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0251)</small>		
26 56	13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	2,285.95	230.96
			<i>For Galvanized Finish, Add</i>	54.72	
			<i>For &gt;10 To 20, Deduct</i>	-84.51	
			<i>For &gt;20 To 40, Deduct</i>	-150.78	
			<i>For &gt;40, Deduct</i>	-319.80	
26 56	13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	2,563.95	307.95
			<i>For Galvanized Finish, Add</i>	58.44	
			<i>For &gt;10 To 20, Deduct</i>	-93.32	
			<i>For &gt;20 To 40, Deduct</i>	-167.16	
			<i>For &gt;40, Deduct</i>	-353.80	
26 56	13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	3,567.58	346.44
			<i>For Galvanized Finish, Add</i>	86.24	
			<i>For &gt;10 To 20, Deduct</i>	-132.31	
			<i>For &gt;20 To 40, Deduct</i>	-235.87	
			<i>For &gt;40, Deduct</i>	-500.49	
26 56	13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	2,330.41	230.96
			<i>For Galvanized Finish, Add</i>	56.05	
			<i>For &gt;10 To 20, Deduct</i>	-86.29	
			<i>For &gt;20 To 40, Deduct</i>	-153.89	
			<i>For &gt;40, Deduct</i>	-326.47	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0257	EA		25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,822.52 66.20 -103.66 -185.26 -392.58	307.95
26 56 13 00-0258	EA		30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,952.51 97.79 -147.71 -262.82 -558.23	346.44
26 56 13 00-0259	EA		35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,528.03 113.90 -170.15 -302.33 -642.64	365.69
26 56 13 00-0260	EA		39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,311.81 136.26 -200.92 -356.43 -758.28	384.94
26 56 13 00-0261	EA		20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,215.75 52.61 -81.70 -145.86 -309.27	230.96
26 56 13 00-0262	EA		25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,451.63 55.07 -88.83 -159.30 -336.95	307.95
26 56 13 00-0263	EA		30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,369.85 80.31 -124.40 -222.03 -470.83	346.44
26 56 13 00-0264	EA		20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,296.48 55.04 -84.93 -151.52 -321.38	230.96
26 56 13 00-0265	EA		25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,717.22 63.04 -99.45 -177.89 -376.79	307.95
26 56 13 00-0266	EA		30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,806.26 93.40 -141.86 -252.58 -536.29	346.44
26 56 13 00-0267	EA		20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,420.50 58.76 -89.89 -160.20 -339.98	230.96
26 56 13 00-0268	EA		25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,940.69 69.74 -108.39 -193.53 -410.31	307.95
26 56 13 00-0269	EA		30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,069.51 101.30 -152.39 -271.01 -575.78	346.44
26 56 13 00-0270	EA		35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,670.77 118.18 -175.86 -312.33 -664.05	365.69
26 56 13 00-0271	EA		39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,387.86 138.54 -203.97 -361.75 -769.69	384.94
26 56 13 00-0272			Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0273			Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
26 56 13 00-0274	EA		20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base ..... <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,745.62 38.51 -62.90 -112.96 -238.75	230.96

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,126.20	307.95
			<i>For Galvanized Finish, Add</i>	45.31	
			<i>For &gt;10 To 20, Deduct</i>	-75.81	
			<i>For &gt;20 To 40, Deduct</i>	-136.52	
			<i>For &gt;40, Deduct</i>	-288.14	
26 56	13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,367.09	346.44
			<i>For Galvanized Finish, Add</i>	50.23	
			<i>For &gt;10 To 20, Deduct</i>	-84.29	
			<i>For &gt;20 To 40, Deduct</i>	-151.84	
			<i>For &gt;40, Deduct</i>	-320.42	
26 56	13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,622.28	365.69
			<i>For Galvanized Finish, Add</i>	56.73	
			<i>For &gt;10 To 20, Deduct</i>	-93.92	
			<i>For &gt;20 To 40, Deduct</i>	-168.93	
			<i>For &gt;40, Deduct</i>	-356.77	
26 56	13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,764.17	384.94
			<i>For Galvanized Finish, Add</i>	59.83	
			<i>For &gt;10 To 20, Deduct</i>	-99.02	
			<i>For &gt;20 To 40, Deduct</i>	-178.09	
			<i>For &gt;40, Deduct</i>	-376.13	
26 56	13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,239.52	230.96
			<i>For Galvanized Finish, Add</i>	53.33	
			<i>For &gt;10 To 20, Deduct</i>	-82.65	
			<i>For &gt;20 To 40, Deduct</i>	-147.53	
			<i>For &gt;40, Deduct</i>	-312.83	
26 56	13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,513.40	307.95
			<i>For Galvanized Finish, Add</i>	56.93	
			<i>For &gt;10 To 20, Deduct</i>	-91.30	
			<i>For &gt;20 To 40, Deduct</i>	-163.62	
			<i>For &gt;40, Deduct</i>	-346.22	
26 56	13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,683.89	346.44
			<i>For Galvanized Finish, Add</i>	59.73	
			<i>For &gt;10 To 20, Deduct</i>	-96.96	
			<i>For &gt;20 To 40, Deduct</i>	-174.01	
			<i>For &gt;40, Deduct</i>	-367.94	
26 56	13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	2,974.29	346.44
			<i>For Galvanized Finish, Add</i>	68.44	
			<i>For &gt;10 To 20, Deduct</i>	-108.58	
			<i>For &gt;20 To 40, Deduct</i>	-194.34	
			<i>For &gt;40, Deduct</i>	-411.50	
26 56	13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,221.78	365.69
			<i>For Galvanized Finish, Add</i>	74.71	
			<i>For &gt;10 To 20, Deduct</i>	-117.90	
			<i>For &gt;20 To 40, Deduct</i>	-210.90	
			<i>For &gt;40, Deduct</i>	-446.70	
26 56	13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,581.48	365.69
			<i>For Galvanized Finish, Add</i>	85.50	
			<i>For &gt;10 To 20, Deduct</i>	-132.29	
			<i>For &gt;20 To 40, Deduct</i>	-236.08	
			<i>For &gt;40, Deduct</i>	-500.65	
26 56	13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,276.77	384.94
			<i>For Galvanized Finish, Add</i>	75.21	
			<i>For &gt;10 To 20, Deduct</i>	-119.52	
			<i>For &gt;20 To 40, Deduct</i>	-213.98	
			<i>For &gt;40, Deduct</i>	-453.02	
26 56	13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	4,162.27	384.94
			<i>For Galvanized Finish, Add</i>	101.77	
			<i>For &gt;10 To 20, Deduct</i>	-154.94	
			<i>For &gt;20 To 40, Deduct</i>	-275.96	
			<i>For &gt;40, Deduct</i>	-585.85	
26 56	13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	3,880.64	500.42
			<i>For Galvanized Finish, Add</i>	86.39	
			<i>For &gt;10 To 20, Deduct</i>	-140.21	
			<i>For &gt;20 To 40, Deduct</i>	-251.63	
			<i>For &gt;40, Deduct</i>	-532.05	
26 56	13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	4,484.54	500.42
			<i>For Galvanized Finish, Add</i>	104.51	
			<i>For &gt;10 To 20, Deduct</i>	-164.37	
			<i>For &gt;20 To 40, Deduct</i>	-293.90	
			<i>For &gt;40, Deduct</i>	-622.64	
26 56	13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	4,669.31	577.41
			<i>For Galvanized Finish, Add</i>	105.44	
			<i>For &gt;10 To 20, Deduct</i>	-169.45	
			<i>For &gt;20 To 40, Deduct</i>	-303.76	
			<i>For &gt;40, Deduct</i>	-642.66	
26 56	13 00-0290		<b>Factory Accessories For Steel Area Light Poles</b> <small>(26 56 13 00-0178)</small>		
	26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles.....	39.00	
	26 56 13 00-0292	EA	Festoon Outlet Provision For Steel Area Light Poles.....	54.00	
			Note: Excludes electrical outlet.		
	26 56 13 00-0293	EA	Extra Handhole For Steel Area Light Poles .....	58.00	
	26 56 13 00-0294	EA	Vibration Dampener For Steel Area Light Poles .....	59.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0295 Aluminum Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0296 Round Straight, Aluminum Area Light Poles <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297 Round Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0296)</small>		
26 56 13 00-0298 EA 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 659.96	659.96	115.48
For Bronze Or Satin Anodized Finish, Add	42.90	
For Black Anodized Finish, Add	85.80	
For >10 To 20, Deduct	-22.93	
For >20 To 40, Deduct	-41.58	
For >40, Deduct	-87.45	
26 56 13 00-0299 EA 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 720.46	720.46	134.73
For Bronze Or Satin Anodized Finish, Add	45.10	
For Black Anodized Finish, Add	90.20	
For >10 To 20, Deduct	-24.78	
For >20 To 40, Deduct	-45.04	
For >40, Deduct	-94.60	
26 56 13 00-0300 EA 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 786.45	786.45	153.97
For Bronze Or Satin Anodized Finish, Add	47.85	
For Black Anodized Finish, Add	95.70	
For >10 To 20, Deduct	-26.84	
For >20 To 40, Deduct	-48.89	
For >40, Deduct	-102.57	
26 56 13 00-0301 EA 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 853.54	853.54	173.22
For Bronze Or Satin Anodized Finish, Add	50.71	
For Black Anodized Finish, Add	101.42	
For >10 To 20, Deduct	-28.95	
For >20 To 40, Deduct	-52.82	
For >40, Deduct	-110.71	
26 56 13 00-0302 EA 15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 891.49	891.49	182.85
For Bronze Or Satin Anodized Finish, Add	52.58	
For Black Anodized Finish, Add	105.16	
For >10 To 20, Deduct	-30.17	
For >20 To 40, Deduct	-55.09	
For >40, Deduct	-115.44	
26 56 13 00-0303 EA 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 928.34	928.34	192.47
For Bronze Or Satin Anodized Finish, Add	54.34	
For Black Anodized Finish, Add	108.68	
For >10 To 20, Deduct	-31.36	
For >20 To 40, Deduct	-57.29	
For >40, Deduct	-120.00	
26 56 13 00-0304 EA 16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 994.34	994.34	192.47
For Bronze Or Satin Anodized Finish, Add	60.94	
For Black Anodized Finish, Add	121.88	
For >10 To 20, Deduct	-34.00	
For >20 To 40, Deduct	-61.91	
For >40, Deduct	-129.90	
26 56 13 00-0305 EA 18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,074.63	1,074.63	211.72
For Bronze Or Satin Anodized Finish, Add	65.12	
For Black Anodized Finish, Add	130.24	
For >10 To 20, Deduct	-36.63	
For >20 To 40, Deduct	-66.76	
For >40, Deduct	-140.02	
26 56 13 00-0306 EA 20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,148.32	1,148.32	230.96
For Bronze Or Satin Anodized Finish, Add	68.64	
For Black Anodized Finish, Add	137.28	
For >10 To 20, Deduct	-39.00	
For >20 To 40, Deduct	-71.14	
For >40, Deduct	-149.15	
26 56 13 00-0307 EA 15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,134.59	1,134.59	182.85
For Bronze Or Satin Anodized Finish, Add	76.89	
For Black Anodized Finish, Add	153.78	
For >10 To 20, Deduct	-39.90	
For >20 To 40, Deduct	-72.11	
For >40, Deduct	-151.90	
26 56 13 00-0308 EA 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,391.42	1,391.42	230.96
For Bronze Or Satin Anodized Finish, Add	92.95	
For Black Anodized Finish, Add	185.90	
For >10 To 20, Deduct	-48.73	
For >20 To 40, Deduct	-88.16	
For >40, Deduct	-185.62	
26 56 13 00-0309 EA 20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,514.62	1,514.62	230.96
For Bronze Or Satin Anodized Finish, Add	105.27	
For Black Anodized Finish, Add	210.54	
For >10 To 20, Deduct	-53.66	
For >20 To 40, Deduct	-96.79	
For >40, Deduct	-204.10	
26 56 13 00-0310 EA 25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... 1,784.10	1,784.10	307.95
For Bronze Or Satin Anodized Finish, Add	116.82	
For Black Anodized Finish, Add	233.64	
For >10 To 20, Deduct	-62.13	
For >20 To 40, Deduct	-112.57	
For >40, Deduct	-236.82	

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0311	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,079.99 138.71 277.42 -72.81 -131.74 -277.35	346.44
26 56 13 00-0312	EA		20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,224.22 76.23 152.46 -42.04 -76.46 -160.54	230.96
26 56 13 00-0313	EA		20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,504.72 104.28 208.56 -53.26 -96.09 -202.61	230.96
26 56 13 00-0314	EA		25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,766.50 115.06 230.12 -61.42 -111.34 -234.18	307.95
26 56 13 00-0315	EA		25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,926.00 131.01 262.02 -67.80 -122.50 -258.11	307.95
26 56 13 00-0316	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,260.39 156.75 313.50 -80.02 -144.37 -304.41	346.44
<b>26 56 13 00-0317 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0296)</b>					
26 56 13 00-0318	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	772.16 81.18 -27.42 -49.43 -104.28	115.48
26 56 13 00-0319	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	854.66 87.78 -30.14 -54.44 -114.73	134.73
26 56 13 00-0320	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	932.75 93.72 -32.69 -59.13 -124.52	153.97
26 56 13 00-0321	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	989.94 96.53 -34.40 -62.37 -131.17	173.22
26 56 13 00-0322	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,060.34 101.31 -36.64 -66.53 -139.80	192.47
26 56 13 00-0323	EA		10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	877.76 91.25 -31.07 -56.05 -118.19	134.73
26 56 13 00-0324	EA		12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	953.65 96.86 -33.53 -60.60 -127.65	153.97
26 56 13 00-0325	EA		14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,032.84 102.96 -36.12 -65.37 -137.60	173.22
26 56 13 00-0326	EA		16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,110.94 108.90 -38.66 -70.07 -147.39	192.47





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0327	EA		18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,194.53	211.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	115.67	
			<i>For &gt;10 To 20, Deduct</i>	-41.43	
			<i>For &gt;20 To 40, Deduct</i>	-75.15	
			<i>For &gt;40, Deduct</i>	-158.01	
26 56 13 00-0328	EA		20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,271.52	230.96
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	121.44	
			<i>For &gt;10 To 20, Deduct</i>	-43.93	
			<i>For &gt;20 To 40, Deduct</i>	-79.77	
			<i>For &gt;40, Deduct</i>	-167.63	
26 56 13 00-0329	EA		12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	996.55	153.97
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	103.29	
			<i>For &gt;10 To 20, Deduct</i>	-35.24	
			<i>For &gt;20 To 40, Deduct</i>	-63.60	
			<i>For &gt;40, Deduct</i>	-134.09	
26 56 13 00-0330	EA		14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,083.44	173.22
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	110.55	
			<i>For &gt;10 To 20, Deduct</i>	-38.14	
			<i>For &gt;20 To 40, Deduct</i>	-68.91	
			<i>For &gt;40, Deduct</i>	-145.19	
26 56 13 00-0331	EA		16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,169.24	192.47
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	117.65	
			<i>For &gt;10 To 20, Deduct</i>	-41.00	
			<i>For &gt;20 To 40, Deduct</i>	-74.15	
			<i>For &gt;40, Deduct</i>	-156.14	
26 56 13 00-0332	EA		18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,257.23	211.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	125.07	
			<i>For &gt;10 To 20, Deduct</i>	-43.94	
			<i>For &gt;20 To 40, Deduct</i>	-79.54	
			<i>For &gt;40, Deduct</i>	-167.41	
26 56 13 00-0333	EA		16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,230.84	192.47
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	126.89	
			<i>For &gt;10 To 20, Deduct</i>	-43.46	
			<i>For &gt;20 To 40, Deduct</i>	-78.46	
			<i>For &gt;40, Deduct</i>	-165.38	
26 56 13 00-0334	EA		20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,415.62	230.96
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	143.06	
			<i>For &gt;10 To 20, Deduct</i>	-49.70	
			<i>For &gt;20 To 40, Deduct</i>	-89.86	
			<i>For &gt;40, Deduct</i>	-189.25	
26 56 13 00-0335	EA		12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,037.25	153.97
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	109.40	
			<i>For &gt;10 To 20, Deduct</i>	-36.87	
			<i>For &gt;20 To 40, Deduct</i>	-66.45	
			<i>For &gt;40, Deduct</i>	-140.19	
26 56 13 00-0336	EA		14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,136.24	173.22
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	118.47	
			<i>For &gt;10 To 20, Deduct</i>	-40.25	
			<i>For &gt;20 To 40, Deduct</i>	-72.61	
			<i>For &gt;40, Deduct</i>	-153.11	
26 56 13 00-0337	EA		16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,224.24	192.47
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	125.90	
			<i>For &gt;10 To 20, Deduct</i>	-43.20	
			<i>For &gt;20 To 40, Deduct</i>	-78.00	
			<i>For &gt;40, Deduct</i>	-164.39	
26 56 13 00-0338	EA		18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,318.83	211.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	134.31	
			<i>For &gt;10 To 20, Deduct</i>	-46.40	
			<i>For &gt;20 To 40, Deduct</i>	-83.85	
			<i>For &gt;40, Deduct</i>	-176.65	
26 56 13 00-0339	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,410.12	230.96
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	142.23	
			<i>For &gt;10 To 20, Deduct</i>	-49.48	
			<i>For &gt;20 To 40, Deduct</i>	-89.47	
			<i>For &gt;40, Deduct</i>	-188.42	
26 56 13 00-0340	EA		16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,304.54	192.47
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	137.94	
			<i>For &gt;10 To 20, Deduct</i>	-46.41	
			<i>For &gt;20 To 40, Deduct</i>	-83.62	
			<i>For &gt;40, Deduct</i>	-176.43	
26 56 13 00-0341	EA		18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,409.03	211.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	147.84	
			<i>For &gt;10 To 20, Deduct</i>	-50.01	
			<i>For &gt;20 To 40, Deduct</i>	-90.16	
			<i>For &gt;40, Deduct</i>	-190.18	
26 56 13 00-0342	EA		20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base.....	1,444.22	230.96
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	147.35	
			<i>For &gt;10 To 20, Deduct</i>	-50.84	
			<i>For &gt;20 To 40, Deduct</i>	-91.86	
			<i>For &gt;40, Deduct</i>	-193.54	

26 56 13 00-0343 Round Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0296)  
 Note: Includes rubberized undercoating on embedded portion.

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0344	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	597.27	96.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	40.48	
			<i>For Black Anodized Finish, Add</i>	80.96	
			<i>For &gt;10 To 20, Deduct</i>	-21.00	
			<i>For &gt;20 To 40, Deduct</i>	-37.96	
			<i>For &gt;40, Deduct</i>	-79.97	
26 56	13 00-0345	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	637.42	105.86
			<i>For Bronze Or Satin Anodized Finish, Add</i>	42.57	
			<i>For Black Anodized Finish, Add</i>	85.14	
			<i>For &gt;10 To 20, Deduct</i>	-22.32	
			<i>For &gt;20 To 40, Deduct</i>	-40.39	
			<i>For &gt;40, Deduct</i>	-85.03	
26 56	13 00-0346	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	706.16	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	47.52	
			<i>For Black Anodized Finish, Add</i>	95.04	
			<i>For &gt;10 To 20, Deduct</i>	-24.78	
			<i>For &gt;20 To 40, Deduct</i>	-44.81	
			<i>For &gt;40, Deduct</i>	-94.38	
26 56	13 00-0347	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	731.46	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	50.05	
			<i>For Black Anodized Finish, Add</i>	100.10	
			<i>For &gt;10 To 20, Deduct</i>	-25.79	
			<i>For &gt;20 To 40, Deduct</i>	-46.58	
			<i>For &gt;40, Deduct</i>	-98.17	
26 56	13 00-0348	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	763.36	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	53.24	
			<i>For Black Anodized Finish, Add</i>	106.48	
			<i>For &gt;10 To 20, Deduct</i>	-27.07	
			<i>For &gt;20 To 40, Deduct</i>	-48.82	
			<i>For &gt;40, Deduct</i>	-102.96	
26 56	13 00-0349	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	879.41	125.11
			<i>For Bronze Or Satin Anodized Finish, Add</i>	62.92	
			<i>For Black Anodized Finish, Add</i>	125.84	
			<i>For &gt;10 To 20, Deduct</i>	-31.42	
			<i>For &gt;20 To 40, Deduct</i>	-56.55	
			<i>For &gt;40, Deduct</i>	-119.40	
26 56	13 00-0350	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	939.36	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	66.99	
			<i>For Black Anodized Finish, Add</i>	133.98	
			<i>For &gt;10 To 20, Deduct</i>	-33.53	
			<i>For &gt;20 To 40, Deduct</i>	-60.37	
			<i>For &gt;40, Deduct</i>	-127.43	
26 56	13 00-0351	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,109.86	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	84.04	
			<i>For Black Anodized Finish, Add</i>	168.08	
			<i>For &gt;10 To 20, Deduct</i>	-40.35	
			<i>For &gt;20 To 40, Deduct</i>	-72.30	
			<i>For &gt;40, Deduct</i>	-153.01	
26 56	13 00-0352	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,367.25	153.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	105.93	
			<i>For Black Anodized Finish, Add</i>	211.86	
			<i>For &gt;10 To 20, Deduct</i>	-50.07	
			<i>For &gt;20 To 40, Deduct</i>	-89.55	
			<i>For &gt;40, Deduct</i>	-189.69	
26 56	13 00-0353	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,553.14	173.22
			<i>For Bronze Or Satin Anodized Finish, Add</i>	120.67	
			<i>For Black Anodized Finish, Add</i>	241.34	
			<i>For &gt;10 To 20, Deduct</i>	-56.93	
			<i>For &gt;20 To 40, Deduct</i>	-101.79	
			<i>For &gt;40, Deduct</i>	-215.65	
26 56	13 00-0354	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,754.44	173.22
			<i>For Bronze Or Satin Anodized Finish, Add</i>	140.80	
			<i>For Black Anodized Finish, Add</i>	281.60	
			<i>For &gt;10 To 20, Deduct</i>	-64.98	
			<i>For &gt;20 To 40, Deduct</i>	-115.88	
			<i>For &gt;40, Deduct</i>	-245.84	
26 56	13 00-0355		Round Tapered, Aluminum Area Light Poles <small>(26 56 13 00-0295)</small>		
26 56	13 00-0356		Round Tapered, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0355)</small>		
26 56	13 00-0357	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	542.26	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	31.13	
			<i>For Black Anodized Finish, Add</i>	62.26	
			<i>For &gt;10 To 20, Deduct</i>	-18.23	
			<i>For &gt;20 To 40, Deduct</i>	-33.34	
			<i>For &gt;40, Deduct</i>	-69.79	
26 56	13 00-0358	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	606.06	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	33.66	
			<i>For Black Anodized Finish, Add</i>	67.32	
			<i>For &gt;10 To 20, Deduct</i>	-20.20	
			<i>For &gt;20 To 40, Deduct</i>	-37.04	
			<i>For &gt;40, Deduct</i>	-77.44	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0359	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	669.85 36.19 72.38 -22.17 -40.73 -85.08	153.97
26 56	13 00-0360	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	743.54 39.71 79.42 -24.55 -45.12 -94.21	173.22
26 56	13 00-0361	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	816.14 43.12 86.24 -26.87 -49.43 -103.17	192.47
26 56	13 00-0362	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	634.66 36.52 73.04 -21.34 -39.04 -81.73	134.73
26 56	13 00-0363	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	714.95 40.70 81.40 -23.98 -43.89 -91.85	153.97
26 56	13 00-0364	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	791.94 44.55 89.10 -26.48 -48.51 -101.47	173.22
26 56	13 00-0365	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	938.23 51.48 102.96 -31.18 -57.21 -119.56	211.72
26 56	13 00-0366	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,004.22 54.23 108.46 -33.24 -61.06 -127.54	230.96
26 56	13 00-0367	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	755.65 44.77 89.54 -25.61 -46.74 -97.95	153.97
26 56	13 00-0368	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	839.24 49.28 98.56 -28.37 -51.82 -108.56	173.22
26 56	13 00-0369	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	930.54 54.56 109.12 -31.45 -57.44 -120.33	192.47
26 56	13 00-0370	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,002.03 57.86 115.72 -33.73 -61.67 -129.13	211.72
26 56	13 00-0371	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,088.92 62.70 125.40 -36.63 -66.99 -140.24	230.96
26 56	13 00-0372	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,038.34 65.34 130.68 -35.76 -64.99 -136.50	192.47

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0373	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,139.53	211.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	71.61	
			<i>For Black Anodized Finish, Add</i>	143.22	
			<i>For &gt;10 To 20, Deduct</i>	-39.23	
			<i>For &gt;20 To 40, Deduct</i>	-71.30	
			<i>For &gt;40, Deduct</i>	-149.76	
26 56	13 00-0374	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,195.62	230.96
			<i>For Bronze Or Satin Anodized Finish, Add</i>	73.37	
			<i>For Black Anodized Finish, Add</i>	146.74	
			<i>For &gt;10 To 20, Deduct</i>	-40.90	
			<i>For &gt;20 To 40, Deduct</i>	-74.46	
			<i>For &gt;40, Deduct</i>	-156.25	
26 56	13 00-0375	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,370.51	269.46
			<i>For Bronze Or Satin Anodized Finish, Add</i>	83.16	
			<i>For Black Anodized Finish, Add</i>	166.32	
			<i>For &gt;10 To 20, Deduct</i>	-46.74	
			<i>For &gt;20 To 40, Deduct</i>	-85.16	
			<i>For &gt;40, Deduct</i>	-178.63	
26 56	13 00-0376	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,552.00	307.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	93.61	
			<i>For Black Anodized Finish, Add</i>	187.22	
			<i>For &gt;10 To 20, Deduct</i>	-52.84	
			<i>For &gt;20 To 40, Deduct</i>	-96.32	
			<i>For &gt;40, Deduct</i>	-202.01	
26 56	13 00-0377	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,247.33	211.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	82.39	
			<i>For Black Anodized Finish, Add</i>	164.78	
			<i>For &gt;10 To 20, Deduct</i>	-43.54	
			<i>For &gt;20 To 40, Deduct</i>	-78.84	
			<i>For &gt;40, Deduct</i>	-165.93	
26 56	13 00-0378	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,326.52	230.96
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.46	
			<i>For Black Anodized Finish, Add</i>	172.92	
			<i>For &gt;10 To 20, Deduct</i>	-46.13	
			<i>For &gt;20 To 40, Deduct</i>	-83.62	
			<i>For &gt;40, Deduct</i>	-175.88	
26 56	13 00-0379	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,473.91	269.46
			<i>For Bronze Or Satin Anodized Finish, Add</i>	93.50	
			<i>For Black Anodized Finish, Add</i>	187.00	
			<i>For &gt;10 To 20, Deduct</i>	-50.87	
			<i>For &gt;20 To 40, Deduct</i>	-92.40	
			<i>For &gt;40, Deduct</i>	-194.14	
26 56	13 00-0380	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,631.20	307.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	101.53	
			<i>For Black Anodized Finish, Add</i>	203.06	
			<i>For &gt;10 To 20, Deduct</i>	-56.01	
			<i>For &gt;20 To 40, Deduct</i>	-101.87	
			<i>For &gt;40, Deduct</i>	-213.89	
26 56	13 00-0381	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,758.79	327.20
			<i>For Bronze Or Satin Anodized Finish, Add</i>	110.44	
			<i>For Black Anodized Finish, Add</i>	220.88	
			<i>For &gt;10 To 20, Deduct</i>	-60.54	
			<i>For &gt;20 To 40, Deduct</i>	-110.03	
			<i>For &gt;40, Deduct</i>	-231.10	
26 56	13 00-0382	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,888.59	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	119.57	
			<i>For Black Anodized Finish, Add</i>	239.14	
			<i>For &gt;10 To 20, Deduct</i>	-65.15	
			<i>For &gt;20 To 40, Deduct</i>	-118.34	
			<i>For &gt;40, Deduct</i>	-248.64	
26 56	13 00-0383	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,576.21	269.46
			<i>For Bronze Or Satin Anodized Finish, Add</i>	103.73	
			<i>For Black Anodized Finish, Add</i>	207.46	
			<i>For &gt;10 To 20, Deduct</i>	-54.96	
			<i>For &gt;20 To 40, Deduct</i>	-99.56	
			<i>For &gt;40, Deduct</i>	-209.49	
26 56	13 00-0384	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,699.40	307.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	108.35	
			<i>For Black Anodized Finish, Add</i>	216.70	
			<i>For &gt;10 To 20, Deduct</i>	-58.74	
			<i>For &gt;20 To 40, Deduct</i>	-106.64	
			<i>For &gt;40, Deduct</i>	-224.12	
26 56	13 00-0385	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,832.49	327.20
			<i>For Bronze Or Satin Anodized Finish, Add</i>	117.81	
			<i>For Black Anodized Finish, Add</i>	235.62	
			<i>For &gt;10 To 20, Deduct</i>	-63.48	
			<i>For &gt;20 To 40, Deduct</i>	-115.19	
			<i>For &gt;40, Deduct</i>	-242.15	
26 56	13 00-0386	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,002.99	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	131.01	
			<i>For Black Anodized Finish, Add</i>	262.02	
			<i>For &gt;10 To 20, Deduct</i>	-69.73	
			<i>For &gt;20 To 40, Deduct</i>	-126.35	
			<i>For &gt;40, Deduct</i>	-265.80	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0387	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,071.73 135.96 271.92 -72.19 -130.78 -275.15	356.07
26 56	13 00-0388	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,224.08 149.27 298.54 -77.99 -141.06 -297.04	365.69
26 56	13 00-0389	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	800.75 49.28 98.56 -27.41 -49.89 -104.72	153.97
26 56	13 00-0390	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	892.04 54.56 109.12 -30.49 -55.51 -116.48	173.22
26 56	13 00-0391	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	987.74 60.28 120.56 -33.74 -61.44 -128.91	192.47
26 56	13 00-0392	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,071.33 64.79 129.58 -36.50 -66.52 -139.53	211.72
26 56	13 00-0393	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,153.82 69.19 138.38 -39.22 -71.53 -149.98	230.96
26 56	13 00-0394	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,107.64 72.27 144.54 -38.53 -69.84 -146.90	192.47
26 56	13 00-0395	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,212.13 78.87 157.74 -42.13 -76.38 -160.65	211.72
26 56	13 00-0396	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,282.52 82.06 164.12 -44.37 -80.54 -169.28	230.96
26 56	13 00-0397	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,451.91 91.30 182.60 -49.99 -90.86 -190.84	269.46
26 56	13 00-0398	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,627.90 101.20 202.40 -55.88 -101.64 -213.39	307.95
26 56	13 00-0399	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,700.51 116.16 232.32 -59.94 -108.26 -228.13	269.46
26 56	13 00-0400	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,864.40 124.85 249.70 -65.34 -118.19 -248.87	307.95

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0401	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,010.69	327.20
			<i>For Bronze Or Satin Anodized Finish, Add</i>	135.63	
			<i>For Black Anodized Finish, Add</i>	271.26	
			<i>For &gt;10 To 20, Deduct</i>	-70.61	
			<i>For &gt;20 To 40, Deduct</i>	-127.66	
			<i>For &gt;40, Deduct</i>	-268.88	
26 56	13 00-0402	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,138.29	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	144.54	
			<i>For Black Anodized Finish, Add</i>	289.08	
			<i>For &gt;10 To 20, Deduct</i>	-75.14	
			<i>For &gt;20 To 40, Deduct</i>	-135.82	
			<i>For &gt;40, Deduct</i>	-286.10	
26 56	13 00-0403	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,264.23	356.07
			<i>For Bronze Or Satin Anodized Finish, Add</i>	155.21	
			<i>For Black Anodized Finish, Add</i>	310.42	
			<i>For &gt;10 To 20, Deduct</i>	-79.89	
			<i>For &gt;20 To 40, Deduct</i>	-144.25	
			<i>For &gt;40, Deduct</i>	-304.03	
26 56	13 00-0404	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,372.58	365.69
			<i>For Bronze Or Satin Anodized Finish, Add</i>	164.12	
			<i>For Black Anodized Finish, Add</i>	328.24	
			<i>For &gt;10 To 20, Deduct</i>	-83.93	
			<i>For &gt;20 To 40, Deduct</i>	-151.45	
			<i>For &gt;40, Deduct</i>	-319.32	
26 56	13 00-0405	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,463.33	375.32
			<i>For Bronze Or Satin Anodized Finish, Add</i>	171.27	
			<i>For Black Anodized Finish, Add</i>	342.54	
			<i>For &gt;10 To 20, Deduct</i>	-87.27	
			<i>For &gt;20 To 40, Deduct</i>	-157.42	
			<i>For &gt;40, Deduct</i>	-331.97	
26 56	13 00-0406	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,636.57	384.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	186.67	
			<i>For Black Anodized Finish, Add</i>	373.34	
			<i>For &gt;10 To 20, Deduct</i>	-93.91	
			<i>For &gt;20 To 40, Deduct</i>	-169.16	
			<i>For &gt;40, Deduct</i>	-356.99	
26 56	13 00-0407	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,485.89	327.20
			<i>For Bronze Or Satin Anodized Finish, Add</i>	183.15	
			<i>For Black Anodized Finish, Add</i>	366.30	
			<i>For &gt;10 To 20, Deduct</i>	-89.62	
			<i>For &gt;20 To 40, Deduct</i>	-160.92	
			<i>For &gt;40, Deduct</i>	-340.16	
26 56	13 00-0408	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,688.29	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	199.54	
			<i>For Black Anodized Finish, Add</i>	399.08	
			<i>For &gt;10 To 20, Deduct</i>	-97.14	
			<i>For &gt;20 To 40, Deduct</i>	-174.32	
			<i>For &gt;40, Deduct</i>	-368.60	
26 56	13 00-0409	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,836.23	356.07
			<i>For Bronze Or Satin Anodized Finish, Add</i>	212.41	
			<i>For Black Anodized Finish, Add</i>	424.82	
			<i>For &gt;10 To 20, Deduct</i>	-102.77	
			<i>For &gt;20 To 40, Deduct</i>	-184.29	
			<i>For &gt;40, Deduct</i>	-389.83	
26 56	13 00-0410	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,945.68	365.69
			<i>For Bronze Or Satin Anodized Finish, Add</i>	221.43	
			<i>For Black Anodized Finish, Add</i>	442.86	
			<i>For &gt;10 To 20, Deduct</i>	-106.86	
			<i>For &gt;20 To 40, Deduct</i>	-191.57	
			<i>For &gt;40, Deduct</i>	-405.28	
26 56	13 00-0411	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,001.23	375.32
			<i>For Bronze Or Satin Anodized Finish, Add</i>	225.06	
			<i>For Black Anodized Finish, Add</i>	450.12	
			<i>For &gt;10 To 20, Deduct</i>	-108.79	
			<i>For &gt;20 To 40, Deduct</i>	-195.07	
			<i>For &gt;40, Deduct</i>	-412.65	
26 56	13 00-0412	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,193.17	384.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	242.33	
			<i>For Black Anodized Finish, Add</i>	484.66	
			<i>For &gt;10 To 20, Deduct</i>	-116.18	
			<i>For &gt;20 To 40, Deduct</i>	-208.12	
			<i>For &gt;40, Deduct</i>	-440.48	
26 56	13 00-0413	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,335.19	327.20
			<i>For Bronze Or Satin Anodized Finish, Add</i>	168.08	
			<i>For Black Anodized Finish, Add</i>	336.16	
			<i>For &gt;10 To 20, Deduct</i>	-83.59	
			<i>For &gt;20 To 40, Deduct</i>	-150.38	
			<i>For &gt;40, Deduct</i>	-317.56	
26 56	13 00-0414	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,517.79	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	182.49	
			<i>For Black Anodized Finish, Add</i>	364.98	
			<i>For &gt;10 To 20, Deduct</i>	-90.32	
			<i>For &gt;20 To 40, Deduct</i>	-162.39	
			<i>For &gt;40, Deduct</i>	-343.02	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0415	EA		33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,586.53 187.44 374.88 -92.78 -166.81 -352.37	356.07
26 56 13 00-0416	EA		35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,781.78 205.04 410.08 -100.30 -180.10 -380.70	365.69
26 56 13 00-0417	EA		37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,871.43 212.08 424.16 -103.60 -185.99 -393.18	375.32
26 56 13 00-0418	EA		39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,064.47 229.46 458.92 -111.03 -199.12 -421.18	384.94
26 56 13 00-0419	EA		28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,023.79 236.94 473.88 -111.14 -198.58 -420.85	327.20
26 56 13 00-0420	EA		30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,196.49 250.36 500.72 -117.47 -209.90 -444.83	346.44
26 56 13 00-0421	EA		33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,346.63 263.45 526.90 -123.18 -220.02 -466.39	356.07
26 56 13 00-0422	EA		35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,585.88 285.45 570.90 -132.46 -236.38 -501.31	365.69
26 56 13 00-0423	EA		37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,629.33 287.87 575.74 -133.91 -239.04 -506.87	375.32
26 56 13 00-0424	EA		39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,867.47 309.76 619.52 -143.15 -255.33 -541.63	384.94
26 56 13 00-0425	EA		48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,761.71 360.69 721.38 -173.15 -310.22 -656.52	577.41
26 56 13 00-0426	EA		50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,898.11 374.33 748.66 -178.60 -319.77 -676.98	577.41
<b>26 56 13 00-0427</b>			<b>Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0355)</b>		
26 56 13 00-0428	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	778.76 82.17 -27.69 -49.89 -105.27	115.48
26 56 13 00-0429	EA		10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	840.36 85.64 -29.57 -53.44 -112.58	134.73

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0430 EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	903.05	153.97
For Bronze, Satin Or Black Anodized Finish, Add	89.27	
For >10 To 20, Deduct	-31.50	
For >20 To 40, Deduct	-57.05	
For >40, Deduct	-120.06	
26 56 13 00-0431 EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	967.94	173.22
For Bronze, Satin Or Black Anodized Finish, Add	93.23	
For >10 To 20, Deduct	-33.52	
For >20 To 40, Deduct	-60.83	
For >40, Deduct	-127.87	
26 56 13 00-0432 EA 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,031.74	192.47
For Bronze, Satin Or Black Anodized Finish, Add	97.02	
For >10 To 20, Deduct	-35.50	
For >20 To 40, Deduct	-64.52	
For >40, Deduct	-135.51	
26 56 13 00-0433 EA 10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	853.56	134.73
For Bronze, Satin Or Black Anodized Finish, Add	87.62	
For >10 To 20, Deduct	-30.10	
For >20 To 40, Deduct	-54.36	
For >40, Deduct	-114.56	
26 56 13 00-0434 EA 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	918.45	153.97
For Bronze, Satin Or Black Anodized Finish, Add	91.58	
For >10 To 20, Deduct	-32.12	
For >20 To 40, Deduct	-58.13	
For >40, Deduct	-122.37	
26 56 13 00-0435 EA 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	985.54	173.22
For Bronze, Satin Or Black Anodized Finish, Add	95.87	
For >10 To 20, Deduct	-34.23	
For >20 To 40, Deduct	-62.06	
For >40, Deduct	-130.51	
26 56 13 00-0436 EA 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,051.54	192.47
For Bronze, Satin Or Black Anodized Finish, Add	99.99	
For >10 To 20, Deduct	-36.29	
For >20 To 40, Deduct	-65.91	
For >40, Deduct	-138.48	
26 56 13 00-0437 EA 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,131.83	211.72
For Bronze, Satin Or Black Anodized Finish, Add	106.26	
For >10 To 20, Deduct	-38.92	
For >20 To 40, Deduct	-70.76	
For >40, Deduct	-148.60	
26 56 13 00-0438 EA 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,202.22	230.96
For Bronze, Satin Or Black Anodized Finish, Add	111.05	
For >10 To 20, Deduct	-41.16	
For >20 To 40, Deduct	-74.92	
For >40, Deduct	-157.24	
26 56 13 00-0439 EA 12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	961.35	153.97
For Bronze, Satin Or Black Anodized Finish, Add	98.01	
For >10 To 20, Deduct	-33.83	
For >20 To 40, Deduct	-61.14	
For >40, Deduct	-128.81	
26 56 13 00-0440 EA 14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,033.94	173.22
For Bronze, Satin Or Black Anodized Finish, Add	103.13	
For >10 To 20, Deduct	-36.16	
For >20 To 40, Deduct	-65.45	
For >40, Deduct	-137.77	
26 56 13 00-0441 EA 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,119.74	192.47
For Bronze, Satin Or Black Anodized Finish, Add	110.22	
For >10 To 20, Deduct	-39.02	
For >20 To 40, Deduct	-70.68	
For >40, Deduct	-148.71	
26 56 13 00-0442 EA 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,194.53	211.72
For Bronze, Satin Or Black Anodized Finish, Add	115.67	
For >10 To 20, Deduct	-41.43	
For >20 To 40, Deduct	-75.15	
For >40, Deduct	-158.01	
26 56 13 00-0443 EA 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,283.62	230.96
For Bronze, Satin Or Black Anodized Finish, Add	123.26	
For >10 To 20, Deduct	-44.42	
For >20 To 40, Deduct	-80.62	
For >40, Deduct	-169.45	
26 56 13 00-0444 EA 16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,182.44	192.47
For Bronze, Satin Or Black Anodized Finish, Add	119.63	
For >10 To 20, Deduct	-41.52	
For >20 To 40, Deduct	-75.07	
For >40, Deduct	-158.12	
26 56 13 00-0445 EA 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,279.23	211.72
For Bronze, Satin Or Black Anodized Finish, Add	128.37	
For >10 To 20, Deduct	-44.82	
For >20 To 40, Deduct	-81.08	
For >40, Deduct	-170.71	
26 56 13 00-0446 EA 20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,351.82	230.96
For Bronze, Satin Or Black Anodized Finish, Add	133.49	
For >10 To 20, Deduct	-47.14	
For >20 To 40, Deduct	-85.39	
For >40, Deduct	-179.68	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0447	EA		12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	995.45 103.13 -35.20 -63.52 -133.92	153.97
26 56 13 00-0448	EA		14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,085.64 110.88 -38.23 -69.07 -145.52	173.22
26 56 13 00-0449	EA		16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,182.44 119.63 -41.52 -75.07 -158.12	192.47
26 56 13 00-0450	EA		18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,266.03 126.39 -44.29 -80.15 -168.73	211.72
26 56 13 00-0451	EA		20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,357.32 134.31 -47.36 -85.77 -180.50	230.96
26 56 13 00-0452	EA		16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,253.94 130.35 -44.38 -80.08 -168.84	192.47
26 56 13 00-0453	EA		18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,359.53 140.42 -48.03 -86.70 -182.76	211.72
26 56 13 00-0454	EA		20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,437.62 146.36 -50.58 -91.40 -192.55	230.96
<b>26 56 13 00-0455</b>			<b>Round Tapered, Aluminum Area Light Poles, Direct Burial</b> (26 56 13 00-0355) Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0456	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	518.07 32.56 65.12 -17.84 -32.42 -68.09	96.23
26 56 13 00-0457	EA		10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	548.87 35.64 71.28 -19.07 -34.57 -72.71	96.23
26 56 13 00-0458	EA		12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	593.42 38.17 76.34 -20.56 -37.31 -78.43	105.86
26 56 13 00-0459	EA		14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	630.26 39.93 79.86 -21.75 -39.50 -82.99	115.48
26 56 13 00-0460	EA		16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	669.86 43.89 87.78 -23.33 -42.27 -88.93	115.48
26 56 13 00-0461	EA		12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	623.12 41.14 82.28 -21.75 -39.38 -82.88	105.86
26 56 13 00-0462	EA		14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	673.16 44.22 88.44 -23.46 -42.50 -89.43	115.48

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0463	EA		16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	695.16	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.42	
			<i>For Black Anodized Finish, Add</i>	92.84	
			<i>For &gt;10 To 20, Deduct</i>	-24.34	
			<i>For &gt;20 To 40, Deduct</i>	-44.04	
			<i>For &gt;40, Deduct</i>	-92.73	
26 56 13 00-0464	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	749.61	125.11
			<i>For Bronze Or Satin Anodized Finish, Add</i>	49.94	
			<i>For Black Anodized Finish, Add</i>	99.88	
			<i>For &gt;10 To 20, Deduct</i>	-26.23	
			<i>For &gt;20 To 40, Deduct</i>	-47.47	
			<i>For &gt;40, Deduct</i>	-99.93	
26 56 13 00-0465	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	799.66	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	53.02	
			<i>For Black Anodized Finish, Add</i>	106.04	
			<i>For &gt;10 To 20, Deduct</i>	-27.94	
			<i>For &gt;20 To 40, Deduct</i>	-50.59	
			<i>For &gt;40, Deduct</i>	-106.48	
26 56 13 00-0466	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	758.96	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	52.80	
			<i>For Black Anodized Finish, Add</i>	105.60	
			<i>For &gt;10 To 20, Deduct</i>	-26.89	
			<i>For &gt;20 To 40, Deduct</i>	-48.51	
			<i>For &gt;40, Deduct</i>	-102.30	
26 56 13 00-0467	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	820.01	125.11
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.98	
			<i>For Black Anodized Finish, Add</i>	113.96	
			<i>For &gt;10 To 20, Deduct</i>	-29.05	
			<i>For &gt;20 To 40, Deduct</i>	-52.40	
			<i>For &gt;40, Deduct</i>	-110.49	
26 56 13 00-0468	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	875.56	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	60.61	
			<i>For Black Anodized Finish, Add</i>	121.22	
			<i>For &gt;10 To 20, Deduct</i>	-30.98	
			<i>For &gt;20 To 40, Deduct</i>	-55.90	
			<i>For &gt;40, Deduct</i>	-117.86	
26 56 13 00-0469	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	910.21	125.11
			<i>For Bronze Or Satin Anodized Finish, Add</i>	66.00	
			<i>For Black Anodized Finish, Add</i>	132.00	
			<i>For &gt;10 To 20, Deduct</i>	-32.66	
			<i>For &gt;20 To 40, Deduct</i>	-58.71	
			<i>For &gt;40, Deduct</i>	-124.02	
26 56 13 00-0470	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,173.65	153.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.57	
			<i>For Black Anodized Finish, Add</i>	173.14	
			<i>For &gt;10 To 20, Deduct</i>	-42.33	
			<i>For &gt;20 To 40, Deduct</i>	-76.00	
			<i>For &gt;40, Deduct</i>	-160.65	
26 56 13 00-0471	EA		25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,297.95	153.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	99.00	
			<i>For Black Anodized Finish, Add</i>	198.00	
			<i>For &gt;10 To 20, Deduct</i>	-47.30	
			<i>For &gt;20 To 40, Deduct</i>	-84.70	
			<i>For &gt;40, Deduct</i>	-179.30	
26 56 13 00-0472	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,443.14	173.22
			<i>For Bronze Or Satin Anodized Finish, Add</i>	109.67	
			<i>For Black Anodized Finish, Add</i>	219.34	
			<i>For &gt;10 To 20, Deduct</i>	-52.53	
			<i>For &gt;20 To 40, Deduct</i>	-94.09	
			<i>For &gt;40, Deduct</i>	-199.15	
26 56 13 00-0473	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,578.44	173.22
			<i>For Bronze Or Satin Anodized Finish, Add</i>	123.20	
			<i>For Black Anodized Finish, Add</i>	246.40	
			<i>For &gt;10 To 20, Deduct</i>	-57.94	
			<i>For &gt;20 To 40, Deduct</i>	-103.56	
			<i>For &gt;40, Deduct</i>	-219.44	
26 56 13 00-0474			Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0295)</small>		
26 56 13 00-0475			Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0474)</small>		
26 56 13 00-0476	EA		8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	685.26	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	45.43	
			<i>For Black Anodized Finish, Add</i>	90.86	
			<i>For &gt;10 To 20, Deduct</i>	-23.95	
			<i>For &gt;20 To 40, Deduct</i>	-43.35	
			<i>For &gt;40, Deduct</i>	-91.24	
26 56 13 00-0477	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	746.86	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	47.74	
			<i>For Black Anodized Finish, Add</i>	95.48	
			<i>For &gt;10 To 20, Deduct</i>	-25.83	
			<i>For &gt;20 To 40, Deduct</i>	-46.89	
			<i>For &gt;40, Deduct</i>	-98.56	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0478	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	817.25 50.93 101.86 -28.07 -51.05 -107.19	153.97
26 56	13 00-0479	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	886.54 54.01 108.02 -30.27 -55.13 -115.66	173.22
26 56	13 00-0480	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	925.59 55.99 111.98 -31.54 -57.48 -120.55	182.85
26 56	13 00-0481	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	964.64 57.97 115.94 -32.81 -59.83 -125.45	192.47
26 56	13 00-0482	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,040.53 61.71 123.42 -35.27 -64.37 -134.91	211.72
26 56	13 00-0483	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,126.32 66.44 132.88 -38.12 -69.60 -145.85	230.96
26 56	13 00-0484	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,040.54 65.56 131.12 -35.85 -65.14 -136.83	192.47
26 56	13 00-0485	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,118.63 69.52 139.04 -38.39 -69.84 -146.62	211.72
26 56	13 00-0486	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,211.02 74.91 149.82 -41.51 -75.53 -158.56	230.96
26 56	13 00-0487	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,255.59 88.99 177.98 -44.74 -80.58 -170.05	182.85
26 56	13 00-0488	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,526.72 106.48 212.96 -54.14 -97.63 -205.91	230.96
26 56	13 00-0489	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,818.20 120.23 240.46 -63.49 -114.96 -241.94	307.95
26 56	13 00-0490	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,279.22 81.73 163.46 -44.24 -80.31 -168.79	230.96
26 56	13 00-0491	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,659.82 119.79 239.58 -59.46 -106.95 -225.88	230.96

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0492	EA		25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,939.20	307.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	132.33	
			<i>For Black Anodized Finish, Add</i>	264.66	
			<i>For &gt;10 To 20, Deduct</i>	-68.33	
			<i>For &gt;20 To 40, Deduct</i>	-123.43	
			<i>For &gt;40, Deduct</i>	-260.09	
26 56 13 00-0493	EA		20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,868.82	230.96
			<i>For Bronze Or Satin Anodized Finish, Add</i>	140.69	
			<i>For Black Anodized Finish, Add</i>	281.38	
			<i>For &gt;10 To 20, Deduct</i>	-67.82	
			<i>For &gt;20 To 40, Deduct</i>	-121.58	
			<i>For &gt;40, Deduct</i>	-257.23	
26 56 13 00-0494	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	2,212.00	307.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	159.61	
			<i>For Black Anodized Finish, Add</i>	319.22	
			<i>For &gt;10 To 20, Deduct</i>	-79.24	
			<i>For &gt;20 To 40, Deduct</i>	-142.52	
			<i>For &gt;40, Deduct</i>	-301.01	
26 56 13 00-0495	EA		30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	2,572.79	346.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	187.99	
			<i>For Black Anodized Finish, Add</i>	375.98	
			<i>For &gt;10 To 20, Deduct</i>	-92.52	
			<i>For &gt;20 To 40, Deduct</i>	-166.24	
			<i>For &gt;40, Deduct</i>	-351.27	
26 56 13 00-0496			<b>Square Straight, Aluminum Area Light Poles, Direct Burial</b> <small>(26 56 13 00-0474)</small>		
			Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0497	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial .....	625.87	96.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	43.34	
			<i>For Black Anodized Finish, Add</i>	86.68	
			<i>For &gt;10 To 20, Deduct</i>	-22.15	
			<i>For &gt;20 To 40, Deduct</i>	-39.96	
			<i>For &gt;40, Deduct</i>	-84.26	
26 56 13 00-0498	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial .....	701.22	105.86
			<i>For Bronze Or Satin Anodized Finish, Add</i>	48.95	
			<i>For Black Anodized Finish, Add</i>	97.90	
			<i>For &gt;10 To 20, Deduct</i>	-24.87	
			<i>For &gt;20 To 40, Deduct</i>	-44.85	
			<i>For &gt;40, Deduct</i>	-94.60	
26 56 13 00-0499	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial .....	743.56	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	51.26	
			<i>For Black Anodized Finish, Add</i>	102.52	
			<i>For &gt;10 To 20, Deduct</i>	-26.28	
			<i>For &gt;20 To 40, Deduct</i>	-47.43	
			<i>For &gt;40, Deduct</i>	-99.99	
26 56 13 00-0500	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial .....	771.06	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	54.01	
			<i>For Black Anodized Finish, Add</i>	108.02	
			<i>For &gt;10 To 20, Deduct</i>	-27.38	
			<i>For &gt;20 To 40, Deduct</i>	-49.36	
			<i>For &gt;40, Deduct</i>	-104.11	
26 56 13 00-0501	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial .....	805.16	115.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	57.42	
			<i>For Black Anodized Finish, Add</i>	114.84	
			<i>For &gt;10 To 20, Deduct</i>	-28.74	
			<i>For &gt;20 To 40, Deduct</i>	-51.74	
			<i>For &gt;40, Deduct</i>	-109.23	
26 56 13 00-0502	EA		18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial .....	941.01	125.11
			<i>For Bronze Or Satin Anodized Finish, Add</i>	69.08	
			<i>For Black Anodized Finish, Add</i>	138.16	
			<i>For &gt;10 To 20, Deduct</i>	-33.89	
			<i>For &gt;20 To 40, Deduct</i>	-60.87	
			<i>For &gt;40, Deduct</i>	-128.64	
26 56 13 00-0503	EA		20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial .....	1,007.56	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	73.81	
			<i>For Black Anodized Finish, Add</i>	147.62	
			<i>For &gt;10 To 20, Deduct</i>	-36.26	
			<i>For &gt;20 To 40, Deduct</i>	-65.14	
			<i>For &gt;40, Deduct</i>	-137.66	
26 56 13 00-0504	EA		20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial .....	1,180.26	134.73
			<i>For Bronze Or Satin Anodized Finish, Add</i>	91.08	
			<i>For Black Anodized Finish, Add</i>	182.16	
			<i>For &gt;10 To 20, Deduct</i>	-43.17	
			<i>For &gt;20 To 40, Deduct</i>	-77.23	
			<i>For &gt;40, Deduct</i>	-163.57	
26 56 13 00-0505	EA		25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial .....	1,357.35	153.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	104.94	
			<i>For Black Anodized Finish, Add</i>	209.88	
			<i>For &gt;10 To 20, Deduct</i>	-49.67	
			<i>For &gt;20 To 40, Deduct</i>	-88.86	
			<i>For &gt;40, Deduct</i>	-188.21	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0506 EA 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial .....	1,743.45	153.97
For Bronze Or Satin Anodized Finish, Add	143.55	
For Black Anodized Finish, Add	287.10	
For >10 To 20, Deduct	-65.12	
For >20 To 40, Deduct	-115.88	
For >40, Deduct	-246.12	
<b>26 56 13 00-0507 Factory Accessories For Aluminum Area Light Poles (26 56 13 00-0295)</b>		
26 56 13 00-0508 EA 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles .....	39.00	
26 56 13 00-0509 EA Extra Handhole For Aluminum Area Light Poles.....	41.00	
26 56 13 00-0510 EA Festoon Outlet Provision For Aluminum Area Light Poles.....	42.00	
Note: Excludes electrical outlet.		
26 56 13 00-0511 EA Vibration Dampener For Aluminum Area Light Poles .....	59.00	
<b>26 56 13 00-0512 Fiberglass Area Light Poles (26 56 13 00-0177)</b>		
Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
<b>26 56 13 00-0513 Round Tapered, Fiberglass Area Light Poles (26 56 13 00-0512)</b>		
<b>26 56 13 00-0514 Round Tapered, Fiberglass Area Light Poles, Anchor Base (26 56 13 00-0513)</b>		
26 56 13 00-0515 EA 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	916.26	134.73
For >10 To 20, Deduct	-32.61	
For >20 To 40, Deduct	-58.75	
For >40, Deduct	-123.97	
26 56 13 00-0516 EA 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	993.25	153.97
For >10 To 20, Deduct	-35.11	
For >20 To 40, Deduct	-63.37	
For >40, Deduct	-133.59	
26 56 13 00-0517 EA 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,071.34	173.22
For >10 To 20, Deduct	-37.66	
For >20 To 40, Deduct	-68.07	
For >40, Deduct	-143.38	
26 56 13 00-0518 EA 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,148.34	192.47
For >10 To 20, Deduct	-40.16	
For >20 To 40, Deduct	-72.69	
For >40, Deduct	-153.00	
26 56 13 00-0519 EA 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,245.13	211.72
For >10 To 20, Deduct	-43.45	
For >20 To 40, Deduct	-78.69	
For >40, Deduct	-165.60	
26 56 13 00-0520 EA 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,324.32	230.96
For >10 To 20, Deduct	-46.04	
For >20 To 40, Deduct	-83.46	
For >40, Deduct	-175.55	
26 56 13 00-0521 EA 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,440.91	269.46
For >10 To 20, Deduct	-49.55	
For >20 To 40, Deduct	-90.09	
For >40, Deduct	-189.19	
26 56 13 00-0522 EA 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,556.40	307.95
For >10 To 20, Deduct	-53.02	
For >20 To 40, Deduct	-96.63	
For >40, Deduct	-202.67	
26 56 13 00-0523 EA 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,645.50	307.95
For >10 To 20, Deduct	-56.58	
For >20 To 40, Deduct	-102.87	
For >40, Deduct	-216.03	
26 56 13 00-0524 EA 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,762.09	327.20
For >10 To 20, Deduct	-60.67	
For >20 To 40, Deduct	-110.26	
For >40, Deduct	-231.59	
26 56 13 00-0525 EA 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,878.69	346.44
For >10 To 20, Deduct	-64.75	
For >20 To 40, Deduct	-117.65	
For >40, Deduct	-247.16	
26 56 13 00-0526 EA 10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,017.46	134.73
For >10 To 20, Deduct	-36.66	
For >20 To 40, Deduct	-65.83	
For >40, Deduct	-139.15	
26 56 13 00-0527 EA 12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,074.65	153.97
For >10 To 20, Deduct	-38.37	
For >20 To 40, Deduct	-69.07	
For >40, Deduct	-145.80	
26 56 13 00-0528 EA 14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,132.94	173.22
For >10 To 20, Deduct	-40.12	
For >20 To 40, Deduct	-72.38	
For >40, Deduct	-152.62	
26 56 13 00-0529 EA 16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,193.44	192.47
For >10 To 20, Deduct	-41.96	
For >20 To 40, Deduct	-75.84	
For >40, Deduct	-159.77	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0530	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,259.43	211.72
			<i>For &gt;10 To 20, Deduct</i>	-44.03	
			<i>For &gt;20 To 40, Deduct</i>	-79.69	
			<i>For &gt;40, Deduct</i>	-167.74	
26 56	13 00-0531	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,324.32	230.96
			<i>For &gt;10 To 20, Deduct</i>	-46.04	
			<i>For &gt;20 To 40, Deduct</i>	-83.46	
			<i>For &gt;40, Deduct</i>	-175.55	
26 56	13 00-0532	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,427.71	269.46
			<i>For &gt;10 To 20, Deduct</i>	-49.02	
			<i>For &gt;20 To 40, Deduct</i>	-89.16	
			<i>For &gt;40, Deduct</i>	-187.21	
26 56	13 00-0533	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,556.40	307.95
			<i>For &gt;10 To 20, Deduct</i>	-53.02	
			<i>For &gt;20 To 40, Deduct</i>	-96.63	
			<i>For &gt;40, Deduct</i>	-202.67	
26 56	13 00-0534	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,593.80	307.95
			<i>For &gt;10 To 20, Deduct</i>	-54.51	
			<i>For &gt;20 To 40, Deduct</i>	-99.25	
			<i>For &gt;40, Deduct</i>	-208.28	
26 56	13 00-0535	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,670.79	327.20
			<i>For &gt;10 To 20, Deduct</i>	-57.02	
			<i>For &gt;20 To 40, Deduct</i>	-103.87	
			<i>For &gt;40, Deduct</i>	-217.90	
26 56	13 00-0536	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,747.79	346.44
			<i>For &gt;10 To 20, Deduct</i>	-59.52	
			<i>For &gt;20 To 40, Deduct</i>	-108.49	
			<i>For &gt;40, Deduct</i>	-227.52	
26 56	13 00-0537	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,165.96	134.73
			<i>For &gt;10 To 20, Deduct</i>	-42.60	
			<i>For &gt;20 To 40, Deduct</i>	-76.23	
			<i>For &gt;40, Deduct</i>	-161.42	
26 56	13 00-0538	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,238.55	153.97
			<i>For &gt;10 To 20, Deduct</i>	-44.92	
			<i>For &gt;20 To 40, Deduct</i>	-80.54	
			<i>For &gt;40, Deduct</i>	-170.39	
26 56	13 00-0539	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,311.14	173.22
			<i>For &gt;10 To 20, Deduct</i>	-47.25	
			<i>For &gt;20 To 40, Deduct</i>	-84.85	
			<i>For &gt;40, Deduct</i>	-179.35	
26 56	13 00-0540	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,384.84	192.47
			<i>For &gt;10 To 20, Deduct</i>	-49.62	
			<i>For &gt;20 To 40, Deduct</i>	-89.24	
			<i>For &gt;40, Deduct</i>	-188.48	
26 56	13 00-0541	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,462.93	211.72
			<i>For &gt;10 To 20, Deduct</i>	-52.17	
			<i>For &gt;20 To 40, Deduct</i>	-93.94	
			<i>For &gt;40, Deduct</i>	-198.27	
26 56	13 00-0542	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,547.62	230.96
			<i>For &gt;10 To 20, Deduct</i>	-54.98	
			<i>For &gt;20 To 40, Deduct</i>	-99.10	
			<i>For &gt;40, Deduct</i>	-209.05	
26 56	13 00-0543	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,680.71	269.46
			<i>For &gt;10 To 20, Deduct</i>	-59.14	
			<i>For &gt;20 To 40, Deduct</i>	-106.87	
			<i>For &gt;40, Deduct</i>	-225.16	
26 56	13 00-0544	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,814.90	307.95
			<i>For &gt;10 To 20, Deduct</i>	-63.36	
			<i>For &gt;20 To 40, Deduct</i>	-114.73	
			<i>For &gt;40, Deduct</i>	-241.44	
26 56	13 00-0545	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,872.10	307.95
			<i>For &gt;10 To 20, Deduct</i>	-65.65	
			<i>For &gt;20 To 40, Deduct</i>	-118.73	
			<i>For &gt;40, Deduct</i>	-250.02	
26 56	13 00-0546	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,000.79	327.20
			<i>For &gt;10 To 20, Deduct</i>	-70.22	
			<i>For &gt;20 To 40, Deduct</i>	-126.97	
			<i>For &gt;40, Deduct</i>	-267.40	
26 56	13 00-0547	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,104.19	346.44
			<i>For &gt;10 To 20, Deduct</i>	-73.77	
			<i>For &gt;20 To 40, Deduct</i>	-133.44	
			<i>For &gt;40, Deduct</i>	-280.98	
26 56	13 00-0548	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,188.33	356.07
			<i>For &gt;10 To 20, Deduct</i>	-76.85	
			<i>For &gt;20 To 40, Deduct</i>	-138.94	
			<i>For &gt;40, Deduct</i>	-292.64	
26 56	13 00-0549	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,272.48	365.69
			<i>For &gt;10 To 20, Deduct</i>	-79.93	
			<i>For &gt;20 To 40, Deduct</i>	-144.45	
			<i>For &gt;40, Deduct</i>	-304.30	

26 56 13 00-0550 Round Tapered, Fiberglass Area Light Poles, Direct Burial (26 56 13 00-0513)



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0551 EA 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	562.07	96.23
For >10 To 20, Deduct	-19.60	
For >20 To 40, Deduct	-35.50	
For >40, Deduct	-74.69	
26 56 13 00-0552 EA 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	602.22	105.86
For >10 To 20, Deduct	-20.91	
For >20 To 40, Deduct	-37.92	
For >40, Deduct	-79.75	
26 56 13 00-0553 EA 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	641.26	115.48
For >10 To 20, Deduct	-22.19	
For >20 To 40, Deduct	-40.27	
For >40, Deduct	-84.64	
26 56 13 00-0554 EA 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	659.96	115.48
For >10 To 20, Deduct	-22.93	
For >20 To 40, Deduct	-41.58	
For >40, Deduct	-87.45	
26 56 13 00-0555 EA 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	710.01	125.11
For >10 To 20, Deduct	-24.65	
For >20 To 40, Deduct	-44.70	
For >40, Deduct	-93.99	
26 56 13 00-0556 EA 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	751.26	134.73
For >10 To 20, Deduct	-26.01	
For >20 To 40, Deduct	-47.20	
For >40, Deduct	-99.22	
26 56 13 00-0557 EA 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	795.80	144.36
For >10 To 20, Deduct	-27.50	
For >20 To 40, Deduct	-49.93	
For >40, Deduct	-104.94	
26 56 13 00-0558 EA 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	845.85	153.97
For >10 To 20, Deduct	-29.21	
For >20 To 40, Deduct	-53.05	
For >40, Deduct	-111.48	
26 56 13 00-0559 EA 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	951.45	153.97
For >10 To 20, Deduct	-33.44	
For >20 To 40, Deduct	-60.44	
For >40, Deduct	-127.32	
26 56 13 00-0560 EA 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,076.30	163.60
For >10 To 20, Deduct	-38.14	
For >20 To 40, Deduct	-68.80	
For >40, Deduct	-145.09	
26 56 13 00-0561 EA 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,201.14	173.22
For >10 To 20, Deduct	-42.85	
For >20 To 40, Deduct	-77.15	
For >40, Deduct	-162.85	
26 56 13 00-0562 EA 10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	663.27	96.23
For >10 To 20, Deduct	-23.64	
For >20 To 40, Deduct	-42.58	
For >40, Deduct	-89.87	
26 56 13 00-0563 EA 12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	708.92	105.86
For >10 To 20, Deduct	-25.18	
For >20 To 40, Deduct	-45.39	
For >40, Deduct	-95.75	
26 56 13 00-0564 EA 14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	754.56	115.48
For >10 To 20, Deduct	-26.72	
For >20 To 40, Deduct	-48.20	
For >40, Deduct	-101.64	
26 56 13 00-0565 EA 16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	782.06	115.48
For >10 To 20, Deduct	-27.82	
For >20 To 40, Deduct	-50.13	
For >40, Deduct	-105.76	
26 56 13 00-0566 EA 18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	827.71	125.11
For >10 To 20, Deduct	-29.36	
For >20 To 40, Deduct	-52.94	
For >40, Deduct	-111.65	
26 56 13 00-0567 EA 20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	873.36	134.73
For >10 To 20, Deduct	-30.89	
For >20 To 40, Deduct	-55.75	
For >40, Deduct	-117.53	
26 56 13 00-0568 EA 22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	919.00	144.36
For >10 To 20, Deduct	-32.43	
For >20 To 40, Deduct	-58.56	
For >40, Deduct	-123.42	
26 56 13 00-0569 EA 24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	989.95	153.97
For >10 To 20, Deduct	-34.98	
For >20 To 40, Deduct	-63.14	
For >40, Deduct	-133.10	
26 56 13 00-0570 EA 26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,092.25	153.97
For >10 To 20, Deduct	-39.07	
For >20 To 40, Deduct	-70.30	
For >40, Deduct	-148.44	
26 56 13 00-0571 EA 28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,214.90	163.60
For >10 To 20, Deduct	-43.69	
For >20 To 40, Deduct	-78.50	
For >40, Deduct	-165.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0572	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,336.44	173.22
			<i>For &gt;10 To 20, Deduct</i>	-48.26	
			<i>For &gt;20 To 40, Deduct</i>	-86.62	
			<i>For &gt;40, Deduct</i>	-183.14	
26 56	13 00-0573	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	752.37	96.23
			<i>For &gt;10 To 20, Deduct</i>	-27.21	
			<i>For &gt;20 To 40, Deduct</i>	-48.82	
			<i>For &gt;40, Deduct</i>	-103.23	
26 56	13 00-0574	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	791.42	105.86
			<i>For &gt;10 To 20, Deduct</i>	-28.48	
			<i>For &gt;20 To 40, Deduct</i>	-51.17	
			<i>For &gt;40, Deduct</i>	-108.13	
26 56	13 00-0575	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	829.36	115.48
			<i>For &gt;10 To 20, Deduct</i>	-29.71	
			<i>For &gt;20 To 40, Deduct</i>	-53.44	
			<i>For &gt;40, Deduct</i>	-112.86	
26 56	13 00-0576	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	848.06	115.48
			<i>For &gt;10 To 20, Deduct</i>	-30.46	
			<i>For &gt;20 To 40, Deduct</i>	-54.75	
			<i>For &gt;40, Deduct</i>	-115.66	
26 56	13 00-0577	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	886.01	125.11
			<i>For &gt;10 To 20, Deduct</i>	-31.69	
			<i>For &gt;20 To 40, Deduct</i>	-57.02	
			<i>For &gt;40, Deduct</i>	-120.39	
26 56	13 00-0578	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	925.06	134.73
			<i>For &gt;10 To 20, Deduct</i>	-32.96	
			<i>For &gt;20 To 40, Deduct</i>	-59.37	
			<i>For &gt;40, Deduct</i>	-125.29	
26 56	13 00-0579	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,001.50	144.36
			<i>For &gt;10 To 20, Deduct</i>	-35.73	
			<i>For &gt;20 To 40, Deduct</i>	-64.33	
			<i>For &gt;40, Deduct</i>	-135.79	
26 56	13 00-0580	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,091.15	153.97
			<i>For &gt;10 To 20, Deduct</i>	-39.03	
			<i>For &gt;20 To 40, Deduct</i>	-70.22	
			<i>For &gt;40, Deduct</i>	-148.28	
26 56	13 00-0581	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,154.95	153.97
			<i>For &gt;10 To 20, Deduct</i>	-41.58	
			<i>For &gt;20 To 40, Deduct</i>	-74.69	
			<i>For &gt;40, Deduct</i>	-157.85	
26 56	13 00-0582	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,239.10	163.60
			<i>For &gt;10 To 20, Deduct</i>	-44.66	
			<i>For &gt;20 To 40, Deduct</i>	-80.19	
			<i>For &gt;40, Deduct</i>	-169.51	
26 56	13 00-0583	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,323.24	173.22
			<i>For &gt;10 To 20, Deduct</i>	-47.73	
			<i>For &gt;20 To 40, Deduct</i>	-85.70	
			<i>For &gt;40, Deduct</i>	-181.16	
26 56	13 00-0584		<b>Factory Accessories For Fiberglass Area Light Poles</b> (26 56 13 00-0512)		
	26 56 13 00-0585	EA	Open Or Capped Top For Fiberglass Area Light Poles.....	39.00	
	26 56 13 00-0586	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles.....	39.00	
	26 56 13 00-0587	EA	Smooth Shaft Finish For Fiberglass Area Light Poles.....	74.00	
	26 56 13 00-0588	EA	Festoon Outlet Provision For Fiberglass Area Light Poles.....	78.00	
			Note: Excludes electrical outlet.		
	26 56 13 00-0589	EA	Vibration Dampener For Fiberglass Area Light Poles.....	98.00	
26 56	13 00-0590		<b>Concrete Area Light Poles</b> (26 56 13 00-0177)		
26 56	13 00-0591		<b>Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base</b> (26 56 13 00-0590)		
	26 56 13 00-0592	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	1,337.63	327.20
	26 56 13 00-0593	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	1,410.29	346.44
	26 56 13 00-0594	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	1,462.90	356.07
	26 56 13 00-0595	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	1,818.84	365.69
	26 56 13 00-0596	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	2,020.44	384.94
	26 56 13 00-0597	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	2,500.80	500.42
	26 56 13 00-0598	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	2,995.97	615.90
	26 56 13 00-0599	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	2,903.85	327.20
			Note: Polished brown with acrylic coating finish.		
	26 56 13 00-0600	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base.....	3,351.34	346.44
			Note: Polished brown with acrylic coating finish.		
	26 56 13 00-0601	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'.....	369.10	115.48
	26 56 13 00-0602	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design.....	1,740.48	230.89
	26 56 13 00-0603	EA	Pole Base Cover For All Octagon Poles.....	143.22	47.12
	26 56 13 00-0604	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze.....	293.49	94.23
26 56	13 00-0605		<b>Tapered, Spun Concrete Area Light Poles, Direct Burial</b> (26 56 13 00-0590)		
			Note: Round or square.		
	26 56 13 00-0606	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	1,436.58	153.97
	26 56 13 00-0607	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	1,623.33	192.47
	26 56 13 00-0608	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	1,792.55	230.96





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0609 EA 30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,497.74	346.44
26 56 13 00-0610 EA 35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,880.21	365.69
26 56 13 00-0611 EA 40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,293.77	384.94
26 56 13 00-0612 EA 45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,818.35	500.42
<b>26 56 13 00-0613 Round Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0590)</b>		
26 56 13 00-0614 EA 60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22).....	9,449.15	866.11
26 56 13 00-0615 EA 70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24).....	11,232.58	1,049.23
26 56 13 00-0616 EA 80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26).....	13,337.02	1,417.36
<b>26 56 13 00-0617 Cast Iron Decorative Light Posts (26 56 13 00-0177)</b>		
<b>26 56 13 00-0618 Round Tapered, Cast Iron Decorative Light Post, Anchor Base (26 56 13 00-0617)</b>		
Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0619 EA 10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	729.49	96.23
26 56 13 00-0620 EA 12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	773.00	110.86
26 56 13 00-0621 EA 14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	836.38	115.48
26 56 13 00-0622 EA 16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	1,024.80	134.73
26 56 13 00-0623 EA 18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	1,192.56	146.28
26 56 13 00-0624 EA 20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base.....	1,368.21	157.82
<b>26 56 13 00-0625 Landscape Light Poles (26 56 13 00-0001)</b>		
<b>26 56 13 00-0626 Aluminum Landscape Light Poles (26 56 13 00-0625)</b>		
Note: Includes painted finish.		
<b>26 56 13 00-0627 Round Straight, Aluminum Landscape Light Poles (26 56 13 00-0626)</b>		
<b>26 56 13 00-0628 Round Straight, Aluminum Landscape Light Poles, Anchor Base (26 56 13 00-0627)</b>		
26 56 13 00-0629 EA 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	328.85	115.48
26 56 13 00-0630 EA 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	617.75	153.97
<b>26 56 13 00-0631 Round Straight, Aluminum Landscape Light Poles, Direct Burial (26 56 13 00-0627)</b>		
26 56 13 00-0632 EA 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	282.78	115.48
26 56 13 00-0633 EA 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	571.69	153.97
<b>26 56 13 00-0634 Steel Landscape Light Poles (26 56 13 00-0625)</b>		
Note: Includes painted finish.		
<b>26 56 13 00-0635 Round Straight, Steel Landscape Light Poles (26 56 13 00-0634)</b>		
<b>26 56 13 00-0636 Round Straight, Steel Landscape Light Poles, Anchor Base (26 56 13 00-0635)</b>		
26 56 13 00-0637 EA 6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base.....	297.54	115.48
<b>26 56 13 00-0638 Round Straight, Steel Landscape Light Poles, Direct Burial (26 56 13 00-0635)</b>		
26 56 13 00-0639 EA 6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial.....	282.63	115.48
<b>26 56 13 00-0640 Light Pole Brackets And Arms (26 56 13 00-0001)</b>		
<b>26 56 13 00-0641 Light Pole Brackets (26 56 13 00-0640)</b>		
<b>26 56 13 00-0642 Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641)</b>		
<b>26 56 13 00-0643 Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0642)</b>		
<b>26 56 13 00-0644 Steel, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0643)</b>		
Note: Includes powdercoat finish.		
26 56 13 00-0645 EA Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	313.20	23.10
For Galvanized Finish, Add		26.70
26 56 13 00-0646 EA Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	393.76	23.10
For Galvanized Finish, Add		34.76
26 56 13 00-0647 EA Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	418.36	23.10
For Galvanized Finish, Add		37.22
26 56 13 00-0648 EA Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	570.15	23.10
For Galvanized Finish, Add		52.40
26 56 13 00-0649 EA Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	593.79	23.10
For Galvanized Finish, Add		54.76
<b>26 56 13 00-0650 Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0643)</b>		
Note: Includes satin brushed or painted finish.		
26 56 13 00-0651 EA Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	225.49	23.10
For Bronze Or Satin Anodized Finish, Add		17.93
For Black Anodized Finish, Add		35.86
26 56 13 00-0652 EA Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	282.69	23.10
For Bronze Or Satin Anodized Finish, Add		23.65
For Black Anodized Finish, Add		47.30

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0653 EA Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	298.09	23.10
For Bronze Or Satin Anodized Finish, Add	25.19	
For Black Anodized Finish, Add	50.38	
26 56 13 00-0654 EA Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	351.99	23.10
For Bronze Or Satin Anodized Finish, Add	30.58	
For Black Anodized Finish, Add	61.16	
26 56 13 00-0655 EA Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	362.99	23.10
For Bronze Or Satin Anodized Finish, Add	31.68	
For Black Anodized Finish, Add	63.36	
<b>26 56 13 00-0656 Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0642)</b>		
<b>26 56 13 00-0657 Steel, Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0656)</b>		
Note: Includes powdercoat finish.		
26 56 13 00-0658 EA Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	336.21	23.10
For Galvanized Finish, Add	29.00	
26 56 13 00-0659 EA Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....	413.37	23.10
For Galvanized Finish, Add	36.72	
26 56 13 00-0660 EA Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....	504.00	23.10
For Galvanized Finish, Add	45.78	
26 56 13 00-0661 EA Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....	595.06	23.10
For Galvanized Finish, Add	54.89	
<b>26 56 13 00-0662 Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0641)</b>		
<b>26 56 13 00-0663 Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0662)</b>		
Note: Includes powdercoat finish.		
26 56 13 00-0664 EA One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	323.97	38.49
26 56 13 00-0665 EA Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....	481.91	38.49
26 56 13 00-0666 EA Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....	668.79	38.49
26 56 13 00-0667 EA Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....	730.27	38.49
<b>26 56 13 00-0668 Light Pole Arms (26 56 13 00-0640)</b>		
<b>26 56 13 00-0669 Wood Pole Streetlight Arms (26 56 13 00-0668)</b>		
<b>26 56 13 00-0670 Steel, Wood Pole Streetlight Arms (26 56 13 00-0669)</b>		
26 56 13 00-0671 EA 1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	192.46	34.64
26 56 13 00-0672 EA 1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	204.30	38.49
26 56 13 00-0673 EA 1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	238.06	48.12
26 56 13 00-0674 EA 2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	279.98	38.49
26 56 13 00-0675 EA 2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	313.53	48.12
26 56 13 00-0676 EA 2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount .....	380.37	57.74
<b>26 56 13 00-0677 Aluminum, Wood Pole Streetlight Arms (26 56 13 00-0669)</b>		
26 56 13 00-0678 EA 1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount .....	200.16	38.49
26 56 13 00-0679 EA 2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount .....	263.34	38.49
26 56 13 00-0680 EA 2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount .....	357.63	48.12
26 56 13 00-0681 EA 2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount .....	478.11	57.74
<b>26 56 13 00-0682 Area Light Arms (26 56 13 00-0668)</b>		
<b>26 56 13 00-0683 Steel Area Light Arms (26 56 13 00-0682)</b>		
26 56 13 00-0684 EA Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount .....	358.59	38.49
26 56 13 00-0685 EA Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	556.59	42.34
26 56 13 00-0686 EA Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount .....	618.18	46.19
26 56 13 00-0687 EA Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount .....	732.58	50.04
26 56 13 00-0688 EA Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount .....	428.43	48.12
26 56 13 00-0689 EA Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	606.63	51.97
<b>26 56 13 00-0690 Aluminum Area Light Arms (26 56 13 00-0682)</b>		
26 56 13 00-0691 EA Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount .....	256.29	38.49
26 56 13 00-0692 EA Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount .....	315.13	48.12
26 56 13 00-0693 EA Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount .....	376.18	57.74
26 56 13 00-0694 EA Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount .....	254.09	38.49
26 56 13 00-0695 EA Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount .....	380.59	42.34
26 56 13 00-0696 EA Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount .....	310.73	48.12
26 56 13 00-0697 EA Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount .....	463.63	51.97
26 56 13 00-0698 EA Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount .....	378.38	57.74
26 56 13 00-0699 EA Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount .....	565.38	61.59
<b>26 56 13 00-0700 Removal And Reinstallation Of Lighting Pole (26 56 13 00-0001)</b>		
26 56 13 00-0701 EA Remove And Relocate Lighting Pole And Standards With One Or Two Arms, Up To 45' .....	1,270.29	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 13 00-0702 High Mast Lighting</b> <small>(26 56 13 00-0001)</small>		
<b>26 56 13 00-0703 High Mast Lighting Assemblies</b> <small>(26 56 13 00-0702)</small>		
Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0704 EA 60'-100' High Mast Lighting Assembly .....	20,304.88	1,969.59
26 56 13 00-0705 EA 110' High Mast Lighting Assembly .....	21,902.19	2,162.87
26 56 13 00-0706 EA 120' High Mast Lighting Assembly .....	23,102.30	2,365.35
26 56 13 00-0707 EA 130' High Mast Lighting Assembly .....	24,200.69	2,558.62
26 56 13 00-0708 EA 140' High Mast Lighting Assembly .....	25,400.82	2,761.10
26 56 13 00-0709 EA 150' High Mast Lighting Assembly .....	26,787.89	2,959.03
<b>26 56 13 00-0710 High Mast Light Poles</b> <small>(26 56 13 00-0702)</small>		
26 56 13 00-0711 EA 60'-100' High Mast Light Poles .....	13,741.40	1,575.67
26 56 13 00-0712 EA 110' High Mast Light Poles .....	15,044.33	1,730.29
26 56 13 00-0713 EA 120' High Mast Light Poles .....	16,042.12	1,892.28
26 56 13 00-0714 EA 130' High Mast Light Poles .....	16,938.19	2,046.90
26 56 13 00-0715 EA 140' High Mast Light Poles .....	17,936.00	2,208.89
26 56 13 00-0716 EA 150' High Mast Light Poles .....	19,035.51	2,367.19
<b>26 56 13 00-0717 High Mast Lighting Accessories</b> <small>(26 56 13 00-0702)</small>		
26 56 13 00-0718 EA Bottom Latching System For High Mast Lighting .....	313.73	
26 56 13 00-0719 EA Top Latching System For High Mast Lighting .....	852.69	
26 56 13 00-0720 EA Centering Springs For High Mast Lighting .....	645.15	
26 56 13 00-0721 EA Electric Power Cord For High Mast Lighting .....	280.17	
26 56 13 00-0722 EA Aircraft Warning Lights For High Mast Lighting .....	656.28	
26 56 13 00-0723 EA Internal Motorized Hoist For High Mast Lighting .....	5,194.73	
26 56 13 00-0724 EA Portable Hoist Motor With Step Down Transformer For High Mast Lighting .....	5,250.02	
<b>26 56 13 00-0725 Concrete Bases</b> <small>(26 56 13 00-0001)</small>		
<b>26 56 13 00-0726 Concrete Bases, Cast In Place</b> <small>(26 56 13 00-0725)</small>		
Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0727 VLF 2' Diameter Concrete Base For Poles .....	61.38	
26 56 13 00-0728 VLF 2-1/2' Diameter Concrete Base For Poles .....	77.15	
26 56 13 00-0729 VLF 3' Diameter Concrete Base For Poles .....	93.34	
26 56 13 00-0730 VLF 3-1/2' Diameter Concrete Base For Poles .....	115.07	
26 56 13 00-0731 VLF 4' Diameter Concrete Base For Poles .....	137.35	
26 56 13 00-0732 VLF 5' Diameter Concrete Base For Poles .....	187.45	
26 56 13 00-0733 VLF 6' Diameter Concrete Base For Poles .....	247.15	
<b>26 56 19 Roadway Lighting</b> <small>(26 56)</small>		
<b>26 56 19 00-0001 Metal Halide, Pole Mounted</b> <small>(26 56 19)</small>		
26 56 19 00-0002 EA 175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	449.19	155.60
26 56 19 00-0003 EA 250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	506.82	168.91
26 56 19 00-0004 EA 400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	593.40	181.70
26 56 19 00-0005 EA 1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	747.88	212.95
<b>26 56 19 00-0006 High Pressure Sodium, Pole Mounted</b> <small>(26 56 19)</small>		
26 56 19 00-0007 EA 100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	372.61	181.70
26 56 19 00-0008 EA 150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	382.66	181.70
26 56 19 00-0009 EA 175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	399.34	181.70
26 56 19 00-0010 EA 250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	437.50	181.70
26 56 19 00-0011 EA 400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	508.24	181.70
26 56 19 00-0012 EA 1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	711.54	181.70
<b>26 56 19 00-0013 Low Pressure Sodium, Pole Mounted</b> <small>(26 56 19)</small>		
26 56 19 00-0014 EA 135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed .....	443.34	98.84
26 56 19 00-0015 EA 135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed .....	458.98	145.35
26 56 19 00-0016 EA 180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed .....	546.26	145.35
<b>26 56 19 00-0017 Street Light Accessories</b> <small>(26 56 19)</small>		
<b>26 56 19 00-0018 Photo Controls</b> <small>(26 56 19 00-0017)</small>		
26 56 19 00-0019 EA Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014 .....	56.56	
26 56 19 00-0020 EA Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016 .....	64.87	
<b>26 56 19 00-0021 High Mast Fixtures</b> <small>(26 56 19)</small>		
<b>26 56 19 00-0022 Metal Halide</b> <small>(26 56 19 00-0021)</small>		

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			26 56 19 00-0023 EA 400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	739.69	95.42
			26 56 19 00-0024 EA 400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	787.06	95.42
			26 56 19 00-0025 EA 750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	793.22	109.02
			26 56 19 00-0026 EA 750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	821.64	109.02
			26 56 19 00-0027 EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	843.78	136.27
			26 56 19 00-0028 EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	872.20	136.27
<b>26 56 19 00-0029</b>			<b>High Pressure Sodium</b> (26 56 19 00-0021)		
			26 56 19 00-0030 EA 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	766.79	95.42
			26 56 19 00-0031 EA 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux.....	795.20	95.42
			26 56 19 00-0032 EA 600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	928.57	100.88
			26 56 19 00-0033 EA 750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	953.67	109.02
			26 56 19 00-0034 EA 1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	1,018.43	136.27
<b>26 56 19 00-0035</b>			<b>LED Roadway Lighting</b> (26 56 19)		
<b>26 56 19 00-0036</b>			<b>LED Roadway Lighting (Philips Lumec)</b> (26 56 19 00-0035)		
<b>26 56 19 00-0037</b>			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series)</b> (26 56 19 00-0036)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
			26 56 19 00-0038 EA 49 LEDs, 102 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series) .....	824.56	92.66
			26 56 19 00-0039 EA 98 LEDs, 204 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series) .....	1,281.03	95.15
<b>26 56 19 00-0040</b>			<b>LED Roadway Lighting (Lithonia)</b> (26 56 19 00-0035)		
<b>26 56 19 00-0041</b>			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series)</b> (26 56 19 00-0040)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
			26 56 19 00-0042 EA 30 LEDs, 74 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series) .....	1,192.18	87.65
			26 56 19 00-0043 EA 60 LEDs, 146 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series) .....	1,964.31	90.15
<b>26 56 19 00-0044</b>			<b>LED Roadway Lighting (CREE® BetaLED®)</b> (26 56 19 00-0035)		
<b>26 56 19 00-0045</b>			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY)</b> (26 56 19 00-0044)		
			Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
			26 56 19 00-0046 EA 20 LEDs, 25 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	516.31	85.14
			26 56 19 00-0047 EA 30 LEDs, 35 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	580.96	87.65
			26 56 19 00-0048 EA 40 LEDs, 45 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	657.57	90.15
			26 56 19 00-0049 EA 50 LEDs, 55 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	722.23	92.66
			26 56 19 00-0050 EA 60 LEDs, 65 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	786.90	95.15
			26 56 19 00-0051 EA 70 LEDs, 75 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	941.06	97.66
			26 56 19 00-0052 EA 80 LEDs, 86 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	1,005.73	100.16
			26 56 19 00-0053 EA 90 LEDs, 96 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	1,070.39	102.66
			26 56 19 00-0054 EA 100 LEDs, 111 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	1,194.73	105.17
			26 56 19 00-0055 EA 110 LEDs, 122 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	1,259.40	107.67
			26 56 19 00-0056 EA 120 LEDs, 133 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY) .....	1,324.06	110.18
<b>26 56 19 00-0057</b>			<b>Horizontal Tenon Mount, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLM™)</b> (26 56 19 00-0044)		
			Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
			26 56 19 00-0058 EA 20 LEDs, 38 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™) .....	593.64	85.14
			26 56 19 00-0059 EA 30 LEDs, 55 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™) .....	676.26	87.65
			26 56 19 00-0060 EA 40 LEDs, 70 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™) .....	776.52	90.15
			26 56 19 00-0061 EA 50 LEDs, 88 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™) .....	860.32	92.66



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0062	EA		60 LEDs, 106 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP™).....	942.95	95.15
<b>26 56 19 00-0063</b>			<b>Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLMIP66™)</b> <small>(26 56 19 00-0044)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0064	EA		20 LEDs, 38 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™).....	633.62	85.14
26 56 19 00-0065	EA		30 LEDs, 55 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™).....	716.24	87.65
26 56 19 00-0066	EA		40 LEDs, 70 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™).....	815.33	90.15
26 56 19 00-0067	EA		50 LEDs, 88 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™).....	899.13	92.66
26 56 19 00-0068	EA		60 LEDs, 106 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™).....	982.93	95.15
<b>26 56 19 00-0069</b>			<b>Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG)</b> <small>(26 56 19 00-0044)</small> Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0070	EA		40 LEDs, 47 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	1,293.96 164.64	90.15
26 56 19 00-0071	EA		60 LEDs, 68 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	1,500.37 164.64	95.15
26 56 19 00-0072	EA		80 LEDs, 90 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	1,705.61 164.64	100.16
26 56 19 00-0073	EA		100 LEDs, 111 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	1,912.02 164.64	105.17
26 56 19 00-0074	EA		120 LEDs, 132 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	2,533.55 164.64	110.18
26 56 19 00-0075	EA		140 LEDs, 157 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	2,739.95 164.64	115.19
26 56 19 00-0076	EA		160 LEDs, 179 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	2,945.19 164.64	120.20
26 56 19 00-0077	EA		200 LEDs, 234 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	3,670.83 164.64	130.21
26 56 19 00-0078	EA		240 LEDs, 269 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)..... <i>For Multi-Level Drive Currents, Add</i>	4,073.63 164.64	135.22
<b>26 56 19 00-0079</b>			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP)</b> <small>(26 56 19 00-0044)</small> Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0080	EA		4,806 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For Backlight Control Shield, Add</i> <i>For Field Adjustable Output, Add</i> <i>For Bird Spikes, Add</i> <i>For Field Adjustable Output And Utility Label, Add</i> <i>For Fuse, Add</i> <i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For 480 Volt, Add</i> <i>For Multi-Level, Add</i>	439.05 12.38 20.72 18.58 32.41 24.77 37.15 37.15 55.73 80.49	90.15
26 56 19 00-0081	EA		5,340 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For Backlight Control Shield, Add</i> <i>For Field Adjustable Output, Add</i> <i>For Bird Spikes, Add</i> <i>For Field Adjustable Output And Utility Label, Add</i> <i>For Fuse, Add</i> <i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For 480 Volt, Add</i> <i>For Multi-Level, Add</i>	439.05 12.38 20.72 18.58 32.41 24.77 37.15 37.15 55.73 80.49	90.15
26 56 19 00-0082	EA		8,407 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For Backlight Control Shield, Add</i> <i>For Field Adjustable Output, Add</i> <i>For Bird Spikes, Add</i> <i>For Field Adjustable Output And Utility Label, Add</i> <i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For 480 Volt, Add</i>	485.86 12.38 20.72 18.58 32.41 24.77 37.15 55.73	90.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	19 00-0083	EA	8,820 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	485.86	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Backlight Control Shield, Add</i>	20.72	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Bird Spikes, Add</i>	32.41	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For 480 Volt, Add</i>	55.73	
26 56	19 00-0084	EA	9,612 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	569.07	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56	19 00-0085	EA	10,680 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	569.07	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56	19 00-0086	EA	11,700 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2L™ BXSP-B-HT-XXX-D).....	699.12	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56	19 00-0087	EA	12,187 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2L™ BXSP-B-HT-XXX-D).....	699.12	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56	19 00-0088	EA	13,732 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	647.10	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
26 56	19 00-0089	EA	14,408 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	647.10	90.15
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	29.81	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	53.23	
			<i>For 480 Volt, Add</i>	55.73	
26 56	19 00-0090	EA	2,529 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	355.83	90.15
			<i>For Utility Label, Add</i>	6.19	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	18.58	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
26 56	19 00-0091	EA	2,722 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	355.83	90.15
			<i>For Utility Label, Add</i>	6.19	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	18.58	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0092	EA		3,819 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C).....	375.34	90.15
			For Utility Label, Add	6.19	
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	18.58	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0093	EA		4,109 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C).....	375.34	90.15
			For Utility Label, Add	6.19	
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	18.58	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0094	EA		4,548 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	381.84	90.15
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Field Adjustable Output, Add	18.58	
			For Field Adjustable Output And Utility Label, Add	24.77	
			For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0095	EA		4,627 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	381.84	90.15
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Field Adjustable Output, Add	18.58	
			For Field Adjustable Output And Utility Label, Add	24.77	
			For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0096			<b>LED Roadway Lighting (Cooper Lighting)</b> (26 56 19 00-0035)		
26 56 19 00-0097			<b>Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™)</b> (26 56 19 00-0096)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0098	EA	1	LED Light Square, 51 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	529.98	90.15
26 56 19 00-0099	EA	2	LED Light Squares, 103 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	715.59	100.16
26 56 19 00-0100	EA	3	LED Light Squares, 154 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	768.54	115.19
26 56 19 00-0101	EA	4	LED Light Squares, 206 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,137.73	125.20
26 56 19 00-0102	EA	6	LED Light Squares, 309 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,489.48	142.54
26 56 19 00-0103			<b>LED Roadway Lighting (PlanLED)</b> (26 56 19 00-0035)		
26 56 19 00-0104			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA)</b> (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA		8,500 Lumens, 85 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W).....	655.13	87.65
26 56 19 00-0106	EA		11,000 Lumens, 110 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W).....	679.11	88.61
26 56 19 00-0107	EA		15,000 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W).....	714.74	90.15
26 56 19 00-0108			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA)</b> (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0109	EA		7,200 Lumens, 60 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060).....	433.55	85.52
26 56 19 00-0110	EA		10,000 Lumens, 80 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080).....	460.78	87.07
26 56 19 00-0111	EA		12,500 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100).....	498.51	88.61
26 56 19 00-0112			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META)</b> (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0113	EA		13,000 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100).....	544.71	88.61
			For 0 To 10 Volt Dimming, Add	29.40	
			For 347-480 Volt, Add	29.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	19 00-0114	EA	16,900 Lumens, 130 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130).....	570.41	89.38
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
			<i>For 347-480 Volt, Add</i>	28.35	
26 56	19 00-0115	EA	19,500 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150).....	595.04	90.15
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
			<i>For 347-480 Volt, Add</i>	29.40	
<b>26 56</b>	<b>19 00-0116</b>		<b>LED Roadway Lighting (General Electric) <small>(26 56 19 00-0035)</small></b>		
<b>26 56</b>	<b>19 00-0117</b>		<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0116)</small></b>		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56	19 00-0118	EA	2,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 23).....	386.14	85.14
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0119	EA	4,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 B1).....	413.86	87.65
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0120	EA	5,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 C1).....	431.28	88.61
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0121	EA	9,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 G1).....	479.65	92.66
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0122	EA	2,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 23).....	406.79	85.14
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0123	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 B2).....	453.10	87.65
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0124	EA	5,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 C2).....	463.30	88.61
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0125	EA	10,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 G2).....	502.37	92.66
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0126	EA	11,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 E3).....	590.00	95.15
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
26 56	19 00-0127	EA	19,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 G3).....	665.09	100.16
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
<b>26 56</b>	<b>19 00-0128</b>		<b>LED Roadway Lighting (Acuity AEL Autobahn) <small>(26 56 19 00-0035)</small></b>		
<b>26 56</b>	<b>19 00-0129</b>		<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) <small>(26 56 19 00-0128)</small></b>		
			Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56	19 00-0130	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	615.34	87.65
26 56	19 00-0131	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	761.46	90.15
26 56	19 00-0132	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	1,057.13	92.66
26 56	19 00-0133	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	1,355.03	96.32
26 56	19 00-0134	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	1,646.05	99.01
<b>26 56</b>	<b>19 00-0135</b>		<b>LED Roadway Lighting (Leotek) <small>(26 56 19 00-0035)</small></b>		
<b>26 56</b>	<b>19 00-0136</b>		<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) <small>(26 56 19 00-0135)</small></b>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56	19 00-0137	EA	2,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-4M-MV-NW-X-GY-WL-XXX).....	290.65	85.14
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	28.92	
26 56	19 00-0138	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-6M-MV-NW-X-GY-WL-XXX).....	333.61	87.65
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	28.92	
26 56	19 00-0139	EA	6,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC3-10M-MV-NW-X-GY-WL-XXX).....	385.25	90.15
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	30.98	
26 56	19 00-0140	EA	9,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC4-14M-MV-NW-X-GY-WL-XXX).....	435.81	92.66
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	34.08	
26 56	19 00-0141	EA	11,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-18M-MV-NW-X-GY-WL-XXX).....	531.91	95.15
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	37.18	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0142 EA 15,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-24M-MV-NW-X-GY-WL-XXX) .....	613.91	97.66
For Utility Wattage Label, Add	1.24	
For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
For House Or Cul-De-Sac Side Shield, Add	37.18	
26 56 19 00-0143 EA 19,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC9-30M-MV-NW-X-GY-WL-XXX) .....	682.91	100.16
For Utility Wattage Label, Add	1.24	
For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
For House Or Cul-De-Sac Side Shield, Add	37.18	
<b>26 56 19 00-0144 Induction Roadway Lighting (26 56 19)</b>		
<b>26 56 19 00-0145 Induction Roadway Lighting (Crystal Lighting) (26 56 19 00-0144)</b>		
Note: Includes gray powder coat finish heavy duty die cast aluminum body and borosilicate drop glass lens.		
26 56 19 00-0146 EA 40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29) .....	449.80	115.58
For Black Powder Coat Finish, Add	20.00	
26 56 19 00-0147 EA 65 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29) .....	482.91	119.42
For Black Powder Coat Finish, Add	20.00	
26 56 19 00-0148 EA 80 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29) .....	504.95	123.28
For Black Powder Coat Finish, Add	20.00	
For Dimming, Add	80.00	
26 56 19 00-0149 EA 100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29) .....	532.54	127.13
For Black Powder Coat Finish, Add	20.00	
26 56 19 00-0150 EA 120 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36) .....	681.59	130.99
For Black Powder Coat Finish, Add	20.00	
26 56 19 00-0151 EA 150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36) .....	695.92	134.83
For Black Powder Coat Finish, Add	20.00	
For Dimming, Add	80.00	
26 56 19 00-0152 EA 200 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36) .....	725.71	138.69
For Black Powder Coat Finish, Add	20.00	
For Dimming, Add	80.00	
<b>26 56 19 00-0153 Induction Roadway Lighting (US Lighting Tech) (26 56 19 00-0144)</b>		
Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 19 00-0154 EA 40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	512.74	115.58
26 56 19 00-0155 EA 70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	575.67	119.42
26 56 19 00-0156 EA 100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	591.07	127.13
26 56 19 00-0157 EA 150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	606.48	134.83
26 56 19 00-0158 EA 200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	741.17	138.69
26 56 19 00-0159 EA 250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511) .....	753.30	142.54
26 56 19 00-0160 EA 40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) .....	466.36	115.58
26 56 19 00-0161 EA 70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) .....	535.91	119.42
26 56 19 00-0162 EA 100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) .....	551.31	127.13
26 56 19 00-0163 EA 150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512) .....	566.72	134.83
<b>26 56 23 Area Lighting (26 56)</b>		
<b>26 56 23 00-0001 Exterior Globe (26 56 23)</b>		
<b>26 56 23 00-0002 Incandescent (26 56 23 00-0001)</b>		
26 56 23 00-0003 EA 100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture .....	37.62	12.59
26 56 23 00-0004 EA 150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture .....	61.36	12.59
26 56 23 00-0005 EA 100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture .....	45.55	12.59
26 56 23 00-0006 EA 150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture .....	64.41	12.59
<b>26 56 23 00-0007 Surface Mounted, Rectangular Exterior Area Fixture (26 56 23)</b>		
<b>26 56 23 00-0008 Metal Halide (26 56 23 00-0007)</b>		
26 56 23 00-0009 EA 175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	418.52	145.35
26 56 23 00-0010 EA 250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	478.89	163.53
26 56 23 00-0011 EA 400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	577.74	181.70
26 56 23 00-0012 EA 1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	733.32	212.95
<b>26 56 23 00-0013 High Pressure Sodium (26 56 23 00-0007)</b>		
26 56 23 00-0014 EA 70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) .....	408.49	124.28
26 56 23 00-0015 EA 100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) .....	444.93	132.28
26 56 23 00-0016 EA 150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro) .....	482.53	139.54
26 56 23 00-0017 EA 175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	498.24	145.35
26 56 23 00-0018 EA 250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	553.60	163.53
26 56 23 00-0019 EA 400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	601.18	181.70
26 56 23 00-0020 EA 1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	815.42	212.95


 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 56 23 00-0021	Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <sup>(26 56 23 00-0021)</sup>		
26 56 23 00-0022	High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <sup>(26 56 23 00-0021)</sup>		
	Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0023	EA 35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	390.50	98.12
26 56 23 00-0024	EA 50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	406.88	109.02
26 56 23 00-0025	EA 70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	450.27	124.28
26 56 23 00-0026	EA 100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	449.61	132.28
26 56 23 00-0027	EA 150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	464.55	139.54
26 56 23 00-0028	EA 175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	486.29	145.35
26 56 23 00-0029	EA 250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	530.47	163.53
26 56 23 00-0030	EA 400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	640.86	181.70
26 56 23 00-0031	Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <sup>(26 56 23 00-0021)</sup>		
	Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0032	EA 50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	440.83	109.02
26 56 23 00-0033	EA 70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	472.32	124.28
26 56 23 00-0034	EA 100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	486.72	132.28
26 56 23 00-0035	EA 150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	510.11	139.54
26 56 23 00-0036	EA 175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	520.93	145.35
26 56 23 00-0037	EA 250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	567.29	163.53
26 56 23 00-0038	EA 400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	713.26	181.70
26 56 23 00-0039	Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures <sup>(26 56 23 00-0021)</sup>		
	Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0040	EA 7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	140.23	50.37
26 56 23 00-0041	EA 9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	146.55	53.51
26 56 23 00-0042	EA 13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	160.53	56.66
26 56 23 00-0043	EA 75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	163.58	62.95
26 56 23 00-0044	EA 100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	183.43	72.39
26 56 23 00-0045	Wall Packs <sup>(26 56 23)</sup>		
26 56 23 00-0046	Non Cutoff, Polycarbonate Lens, Mini Wall Packs <sup>(26 56 23 00-0045)</sup>		
	Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 23 00-0047	EA 13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	194.75	34.43
26 56 23 00-0048	EA 50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	208.19	34.43
26 56 23 00-0049	EA 35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	208.19	34.43
26 56 23 00-0050	EA 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	273.34	34.43
26 56 23 00-0051	Semi Cutoff, Polycarbonate Lens, Mini Wall Packs <sup>(26 56 23 00-0045)</sup>		
	Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 23 00-0052	EA 42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	378.50	34.43
26 56 23 00-0053	EA 50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	383.33	34.43
26 56 23 00-0054	EA 70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	387.51	34.43
26 56 23 00-0055	EA 100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	379.89	34.43
26 56 23 00-0056	EA 70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	348.54	34.43
26 56 23 00-0057	EA 100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	331.32	34.43
26 56 23 00-0058	Cutoff, Polycarbonate Lens, Mini Wall Packs <sup>(26 56 23 00-0045)</sup>		
	Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 23 00-0059	EA 50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	398.34	34.43
26 56 23 00-0060	EA 70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	402.74	34.43
26 56 23 00-0061	EA 100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	395.13	34.43
26 56 23 00-0062	EA 70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	401.26	34.43
26 56 23 00-0063	EA 100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	401.26	34.43
26 56 23 00-0064	Non Cutoff, Borosilicate Glass Lens, Small Wall Packs <sup>(26 56 23 00-0045)</sup>		
	Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 23 00-0065	EA 70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	382.11	45.86
26 56 23 00-0066	EA 100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	382.11	45.86
26 56 23 00-0067	EA 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	358.51	45.86
26 56 23 00-0068	EA 70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	367.56	45.86
26 56 23 00-0069	EA 100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	367.56	45.86
26 56 23 00-0070	EA 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	341.39	45.86
26 56 23 00-0071	Cutoff, Borosilicate Glass Lens, Small Wall Packs <sup>(26 56 23 00-0045)</sup>		
	Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 23 00-0072	EA 70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	396.09	45.86
26 56 23 00-0073	EA 100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	396.09	45.86



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0074 EA 175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	396.09	45.86
26 56 23 00-0075 EA 70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	382.21	45.86
26 56 23 00-0076 EA 100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	382.21	45.86
26 56 23 00-0077 EA 150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	382.21	45.86
<b>26 56 23 00-0078 Full Cutoff, Tempered Glass Lens, Small Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<i>Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.</i>		
26 56 23 00-0079 EA 175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack .....	509.03	45.86
<b>26 56 23 00-0080 Cutoff, Borosilicate Glass Lens, Medium Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<i>Note: Aluminum body and reflector. Lithonia TWR2.</i>		
26 56 23 00-0081 EA 250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	481.45	56.81
<i>Note: 9-1/4" x 17-7/8" x 9-3/8".</i>		
26 56 23 00-0082 EA 400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	513.44	56.81
<i>Note: 9-1/4" x 17-7/8" x 12-1/2".</i>		
26 56 23 00-0083 EA 250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	551.58	56.81
<i>Note: 9-1/4" x 17-7/8" x 9-3/8".</i>		
26 56 23 00-0084 EA 400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	562.08	56.81
<i>Note: 9-1/4" x 17-7/8" x 12-1/2".</i>		
<b>26 56 23 00-0085 Cutoff, Tempered Glass Lens, Medium Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<i>Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.</i>		
26 56 23 00-0086 EA 250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack .....	522.60	56.81
26 56 23 00-0087 EA 400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack .....	558.54	56.81
<b>26 56 23 00-0088 Non Cutoff, Polycarbonate Lens, Large Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<i>Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.</i>		
26 56 23 00-0089 EA 100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	485.73	68.86
26 56 23 00-0090 EA 175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	447.66	68.86
26 56 23 00-0091 EA 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack .....	476.92	68.86
26 56 23 00-0092 EA 100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	479.83	68.86
26 56 23 00-0093 EA 150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	482.88	68.86
<b>26 56 23 00-0094 Non Cutoff, Borosilicate Glass Lens, Large Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<i>Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.</i>		
26 56 23 00-0095 EA 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	485.74	68.86
26 56 23 00-0096 EA 250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	498.44	68.86
26 56 23 00-0097 EA 400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	536.51	68.86
26 56 23 00-0098 EA 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	511.13	68.86
26 56 23 00-0099 EA 250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	523.83	68.86
26 56 23 00-0100 EA 400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack .....	549.19	68.86
<b>26 56 23 00-0101 Full Cutoff, LED Wall Packs</b> <small>(26 56 23 00-0045)</small>		
<b>26 56 23 00-0102 Full Cutoff, LED Wall Packs (Lithonia)</b> <small>(26 56 23 00-0101)</small>		
26 56 23 00-0103 EA 30 LEDs, 57 System Watts, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	948.69	67.42
26 56 23 00-0104 EA 30 LEDs, 35 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,037.03	67.42
<b>26 56 23 00-0105 Full Cutoff, LED Wall Packs (CREE® BetaLED®)</b> <small>(26 56 23 00-0101)</small>		
<b>26 56 23 00-0106 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG)</b> <small>(26 56 23 00-0105)</small>		
<i>Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.</i>		
26 56 23 00-0107 EA 20 LEDs, 26 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	579.59	65.49
<i>Note: Includes 350mA or 525mA driver.</i>		
<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
<i>For Bird Spikes, Add</i>	29.95	
<i>For Fuse, Add</i>	37.15	
<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
<i>For 480 Volt, Add</i>	55.73	
<i>For Multi-Level, Add</i>	80.49	
26 56 23 00-0108 EA 40 LEDs, 47 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	749.83	69.34
<i>Note: Includes 350mA or 525mA driver.</i>		
<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
<i>For Bird Spikes, Add</i>	30.33	
<i>For Fuse, Add</i>	37.15	
<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
<i>For 480 Volt, Add</i>	55.73	
<i>For Multi-Level, Add</i>	80.49	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0109	EA	60 LEDs, 68 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	920.08	73.20
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For Bird Spikes, Add	30.72	
		For Fuse, Add	37.15	
		For 0 To 10 Volt Dimming, Add	37.15	
		For 480 Volt, Add	55.73	
		For Multi-Level, Add	80.49	
26 56 23 00-0110	EA	80 LEDs, 90 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,090.31	77.05
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For Bird Spikes, Add	31.10	
		For Fuse, Add	37.15	
		For 0 To 10 Volt Dimming, Add	37.15	
		For 480 Volt, Add	55.73	
		For Multi-Level, Add	80.49	
26 56 23 00-0111	EA	100 LEDs, 111 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,260.56	80.90
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For Bird Spikes, Add	31.49	
		For Fuse, Add	37.15	
		For 0 To 10 Volt Dimming, Add	37.15	
		For 480 Volt, Add	55.73	
		For Multi-Level, Add	80.49	
26 56 23 00-0112	EA	120 LEDs, 132 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,430.80	84.75
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For Bird Spikes, Add	31.88	
		For Fuse, Add	37.15	
		For 0 To 10 Volt Dimming, Add	37.15	
		For 480 Volt, Add	55.73	
		For Multi-Level, Add	80.49	
26 56 23 00-0113		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) (26 56		
		23 00-0105)		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0114	EA	25 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™).....	338.23	65.49
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For 0 To 10 Volt Dimming, Add	37.15	
		For Multi-Level, Add	37.15	
26 56 23 00-0115	EA	42 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™).....	394.28	69.34
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
		For 0 To 10 Volt Dimming, Add	37.15	
		For Multi-Level, Add	37.15	
26 56 23 00-0116		Semi Cutoff, Induction Wall Packs (26 56 23 00-0045)		
26 56 23 00-0117		Semi Cutoff, Induction Wall Packs (Everlast®) (26 56 23 00-0116)		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0118	EA	70 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	617.63	65.49
26 56 23 00-0119	EA	80 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	630.75	69.34
26 56 23 00-0120	EA	100 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	643.89	73.20
26 56 23 00-0121	EA	120 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	716.64	77.05
26 56 23 00-0122		Wall Pack Accessories (26 56 23 00-0045)		
26 56 23 00-0123	EA	Photocell For Wall Pack.....	73.35	17.22
26 56 23 00-0124	EA	Wire Guard For Mini And Small Wall Pack.....	81.48	17.22
26 56 23 00-0125	EA	Wire Guard For Medium And Large Wall Pack.....	115.50	17.22
26 56 23 00-0126	EA	Clear Polycarbonate Vandal Guard For Wall Packs.....	164.60	17.22
26 56 23 00-0127	EA	Full Cutoff Visor For Wall Pack.....	79.26	17.22
26 56 23 00-0128		LED Area Fixtures (26 56 23)		
26 56 23 00-0129		Pole Mount, LED Area Fixtures (26 56 23 00-0128)		
26 56 23 00-0130		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) (26		
		56 23 00-0129)		
		Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0131	EA	20 LEDs, 45 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	1,856.44	65.49
26 56 23 00-0132	EA	40 LEDs, 91 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,002.17	69.34
26 56 23 00-0133	EA	80 LEDs, 188 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,155.61	77.05
26 56 23 00-0134	EA	100 LEDs, 218 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,163.32	80.90
26 56 23 00-0135		Pole Mount, Rectangular, LED Architectural Area Fixtures (CREE®		
		Aeroblades™ BXABP) (26 56 23 00-0129)		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0136	EA	20 LEDs, 39 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP) .....	1,323.45	65.49
		<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
		<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0137	EA	40 LEDs, 70 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP) .....	1,801.55	69.34
		<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
		<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0138	EA	60 LEDs, 103 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP) .....	2,279.66	73.20
		<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
		<i>For 347-480 Volt, Add</i>	53.70	
<b>26 56 23 00-0139</b>		<b>Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG)</b> <small>(26 56 23 00-0129)</small>		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 23 00-0140	EA	40 LEDs, 47 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	759.15	69.34
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	943.39	
26 56 23 00-0141	EA	60 LEDs, 68 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	916.00	73.20
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	945.70	
26 56 23 00-0142	EA	80 LEDs, 90 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	1,132.50	77.05
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	948.01	
26 56 23 00-0143	EA	100 LEDs, 111 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,289.35	80.90
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	950.32	
26 56 23 00-0144	EA	120 LEDs, 132 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,446.21	84.75
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	952.63	
26 56 23 00-0145	EA	140 LEDs, 157 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,650.79	88.61
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	954.94	
26 56 23 00-0146	EA	160 LEDs, 179 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,807.64	92.46
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	957.26	
26 56 23 00-0147	EA	200 LEDs, 221 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	2,121.36	100.16
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	961.88	
26 56 23 00-0148	EA	240 LEDs, 264 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	2,427.35	104.01
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	964.19	
<b>26 56 23 00-0149</b>		<b>Arm Mount, Round, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR)</b> <small>(26 56 23 00-0129)</small>		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0150	EA	40 LEDs, 47 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,095.95	69.34
		<i>For Backlight Shielding, Add</i>	16.46	
		<i>For 347-480 Volt, Add</i>	53.70	
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
		<i>For Post Top Mount, Add</i>	943.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0151	EA		60 LEDs, 68 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,298.88	73.20
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	945.70	
26 56 23 00-0152	EA		80 LEDs, 90 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,502.96	77.05
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	948.01	
26 56 23 00-0153	EA		111 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,707.06	80.90
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	950.32	
26 56 23 00-0154	EA		120 LEDs, 132 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,909.98	84.75
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	952.63	
<b>26 56 23 00-0155</b>			<b>Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO)</b> <small>(26 56 23 00-0129)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0156	EA		120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	1,377.48	84.75
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Bird Spikes, Add</i>	27.99	
			<i>For 5,000K Color Temperature, Add</i>	30.96	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
			<i>For 1,000mA Driver, Add</i>	104.03	
26 56 23 00-0157	EA		240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	2,325.88	104.01
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For 5,000K Color Temperature, Add</i>	30.96	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	41.62	
			<i>For Multi-Level, Add</i>	80.49	
			<i>For 1,000mA Driver, Add</i>	104.38	
			<i>For 480 Volt, Add</i>	111.45	
26 56 23 00-0158			<b>Wall Mount, LED Area Fixtures</b> <small>(26 56 23 00-0128)</small>		
<b>26 56 23 00-0159</b>			<b>Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW)</b> <small>(26 56 23 00-0158)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0160	EA		20 LEDs, 47 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	794.94	65.49
26 56 23 00-0161	EA		30 LEDs, 71 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	810.35	73.20
<b>26 56 23 00-0162</b>			<b>Wall Mount, Rectangular, LED Architectural Area Fixtures (CREE® Aeroblades™ BXABR)</b> <small>(26 56 23 00-0158)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0163	EA		20 LEDs, 39 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	1,276.41	65.49
			<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0164	EA		40 LEDs, 70 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	1,762.22	73.20
			<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0165	EA		60 LEDs, 103 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	2,232.62	73.20
			<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0166			<b>Surface Mount, LED Parking Structure Fixtures</b> <small>(26 56 23 00-0128)</small>		
<b>26 56 23 00-0167</b>			<b>Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG)</b> <small>(26 56 23 00-0166)</small>		
			Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0168 EA 20 LEDs, 26 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	633.14	65.49
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0169 EA 40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	837.23	69.34
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0170 EA 60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,040.16	73.20
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0171 EA 80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,244.24	77.05
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0172 EA 100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,448.34	80.90
<i>For Multi-Level Drive Currents, Add</i>	164.64	
<b>26 56 23 00-0173 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304)</b> <small>(26 56 23 00-0168)</small>		
<i>Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.</i>		
26 56 23 00-0174 EA 40 LEDs, 47 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	805.48	69.34
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0175 EA 60 LEDs, 68 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	891.98	73.20
<i>For Multi-Level Drive Currents, Add</i>	164.64	
<b>26 56 23 00-0176 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG)</b> <small>(26 56 23 00-0166)</small>		
<i>Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.</i>		
26 56 23 00-0177 EA 3,700 Lumens, 50 System Watts, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	497.58	69.34
<b>26 56 23 00-0178 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG)</b> <small>(26 56 23 00-0166)</small>		
<i>Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.</i>		
26 56 23 00-0179 EA 70 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,012.48	73.20
26 56 23 00-0180 EA 110 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,027.88	80.90
<b>26 56 23 00-0181 Surface Mount, LED Canopy Fixtures</b> <small>(26 56 23 00-0128)</small>		
<b>26 56 23 00-0182 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG)</b> <small>(26 56 23 00-0181)</small>		
<i>Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.</i>		
26 56 23 00-0183 EA 40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	978.35	69.34
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0184 EA 60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,181.28	73.20
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0185 EA 80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,385.36	77.05
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0186 EA 100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,589.46	80.90
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0187 EA 120 LEDs, 132 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,792.38	84.75
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0188 EA 140 LEDs, 157 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,075.27	88.61
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0189 EA 160 LEDs, 179 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,278.20	92.46
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0190 EA 200 LEDs, 221 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,686.39	100.16
<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0191 EA 240 LEDs, 264 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,085.70	104.01
<i>For Multi-Level Drive Currents, Add</i>	164.64	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0192		<b>Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250)</b> <small>(26 56 23 00-0181)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0193	EA	8,000 Lumens, 82 System Watts, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250).....	568.20	77.05
26 56 23 00-0194		<b>Recessed Mount, LED Soffit Fixtures</b> <small>(26 56 23 00-0128)</small>		
26 56 23 00-0195		<b>Recessed Mount, Rectangular, LED Soffit Fixtures (CREE® BetaLED® SFT-227)</b> <small>(26 56 23 00-0194)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0196	EA	30 LEDs, 36 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	807.50	67.42
26 56 23 00-0197	EA	60 LEDs, 68 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,062.50	73.20
26 56 23 00-0198	EA	90 LEDs, 101 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,411.57	78.98
26 56 23 00-0199	EA	120 LEDs, 139 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,633.62	84.75
26 56 23 00-0200		<b>Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304)</b> <small>(26 56 23 00-0194)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0201	EA	40 LEDs, 47 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	820.77	69.34
26 56 23 00-0202	EA	60 LEDs, 68 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	906.10	73.20
26 56 23 00-0203		<b>Surface Mount, LED Area Fixtures</b> <small>(26 56 23 00-0128)</small>		
26 56 23 00-0204		<b>Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG)</b> <small>(26 56 23 00-0203)</small> Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 23 00-0205	EA	50 LEDs, 59 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	591.13	69.34
26 56 23 00-0206	EA	50 LEDs, 59 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	741.22	69.34
26 56 23 00-0207	EA	68 LEDs, 79 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	620.32	77.05
26 56 23 00-0208	EA	68 LEDs, 79 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	764.19	77.05
26 56 23 00-0209		<b>Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®)</b> <small>(26 56 23 00-0203)</small> Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0210	EA	13 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A).....	193.92	24.79
		<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
26 56 23 00-0211	EA	20 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A).....	226.29	24.79
		<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
26 56 23 00-0212	EA	30 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A).....	287.95	24.79
		<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
26 56 23 00-0213		<b>Surface Mount, LED Facade Fixtures</b> <small>(26 56 23 00-0128)</small>		
26 56 23 00-0214		<b>Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™)</b> <small>(26 56 23 00-0213)</small>		
26 56 23 00-0215	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	383.62	28.96
26 56 23 00-0216	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	622.21	26.44
26 56 23 00-0217	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	793.22	22.04
26 56 23 00-0218	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	964.20	17.62
26 56 23 00-0219		<b>Post Top, LED Area Fixtures</b> <small>(26 56 23 00-0128)</small>		
26 56 23 00-0220		<b>Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA)</b> <small>(26 56 23 00-0219)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0221	EA	1,800 Lumens, 27 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1).....	1,083.29	105.94
26 56 23 00-0222	EA	3,400 Lumens, 54 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2).....	1,194.47	105.94
26 56 23 00-0223	EA	77 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3).....	1,282.36	105.94
26 56 23 00-0224		<b>Post Top, LED Area Fixtures (General Electric EPAS)</b> <small>(26 56 23 00-0219)</small> Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		





<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0225 EA 2,400 Lumens, 49 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS).....	2,160.16	105.94
26 56 23 00-0226 EA 4,600 Lumens, 86 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS).....	2,243.76	105.94
<b>26 56 23 00-0227 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) (26 56 23 00-0219)</b>		
Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0228 EA 13,800 Lumens, 130 System Watts, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR) .....	1,813.09	105.94
<b>26 56 23 00-0229 LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53) (26 56 23 00-0219)</b>		
Note: Includes 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.		
26 56 23 00-0230 EA LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53).....	499.18	57.79
For 0 To 10 Volt Dimming, Add	37.15	
<b>26 56 23 00-0231 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) (26 56 23 00-0219)</b>		
Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0126 for disposal of hazardous lamps.		
26 56 23 00-0232 EA LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) .....	314.57	12.33
For Backlight Control Shield, Add	24.57	
<b>26 56 23 00-0233 Induction Area Fixtures (26 56 23)</b>		
<b>26 56 23 00-0234 Post Top, Induction Area Fixtures (26 56 23 00-0233)</b>		
<b>26 56 23 00-0235 Post Top, Induction Area Fixtures (Crystal Lighting) (26 56 23 00-0234)</b>		
Note: Includes black powder coat finish heavy duty die cast aluminum body and acrylic lens.		
26 56 23 00-0236 EA 65 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN).....	587.34	105.94
26 56 23 00-0237 EA 80 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN).....	652.49	105.94
<b>26 56 23 00-0238 Post Top, Induction Area Fixtures (US Lighting Tech) (26 56 23 00-0234)</b>		
Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 23 00-0239 EA 40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	610.53	105.94
26 56 23 00-0240 EA 70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	674.58	105.94
26 56 23 00-0241 EA 100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	674.58	105.94
26 56 23 00-0242 EA 150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	674.58	105.94
<b>26 56 23 00-0243 Surface Mount, Induction Parking Structure Fixtures (26 56 23 00-0233)</b>		
<b>26 56 23 00-0244 Surface Mount, Induction Parking Structure Fixtures (Everlast®) (26 56 23 00-0243)</b>		
26 56 23 00-0245 EA 40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	537.35	96.32
26 56 23 00-0246 EA 55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	578.74	98.24
26 56 23 00-0247 EA 70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	587.02	100.16
26 56 23 00-0248 EA 80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	595.29	102.09
26 56 23 00-0249 EA 100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	603.55	104.01
26 56 23 00-0250 EA 120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	616.24	105.94
26 56 23 00-0251 EA 70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) .....	651.07	100.16
26 56 23 00-0252 EA 80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) .....	659.33	102.09
26 56 23 00-0253 EA 100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC) .....	667.60	104.01
26 56 23 00-0254 EA 120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	699.06	105.94
<b>26 56 23 00-0255 Pole Mount, Induction Area Fixtures (26 56 23 00-0233)</b>		
<b>26 56 23 00-0256 Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) (26 56 23 00-0255)</b>		
Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0257 EA 70 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70) .....	644.74	65.49
26 56 23 00-0258 EA 80 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80) .....	663.29	69.34
26 56 23 00-0259 EA 100 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100) .....	681.84	73.20
<b>26 56 23 00-0260 Metal Halide Area Fixtures (26 56 23)</b>		
<b>26 56 23 00-0261 Pole Mount, Metal Halide Area Fixtures (26 56 23 00-0260)</b>		
Note: Includes pulse start ballast.		
26 56 23 00-0262 EA 150 Watt, Metal Halide Area Fixture, Pole Mount.....	595.51	96.23
26 56 23 00-0263 EA 175 Watt, Metal Halide Area Fixture, Pole Mount.....	656.26	105.86
26 56 23 00-0264 EA 250 Watt, Metal Halide Area Fixture, Pole Mount.....	723.41	115.48
26 56 23 00-0265 EA 400 Watt, Metal Halide Area Fixture, Pole Mount.....	764.49	134.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0266			High Pressure Sodium Area Fixtures <sup>(26 56 23)</sup>		
26 56 23 00-0267			Pole Mount, High Pressure Sodium Area Fixtures <sup>(26 56 23 00-0266)</sup>		
26 56 23 00-0268	EA		100 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	496.09	76.99
26 56 23 00-0269	EA		150 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	542.99	96.23
26 56 23 00-0270	EA		250 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	588.85	115.48
26 56 23 00-0271	EA		400 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	625.89	134.73
26 56 23 00-0272			Area Lighting Accessories <sup>(26 56 23)</sup>		
26 56 23 00-0273			Outdoor Motion Sensors <sup>(26 56 23 00-0272)</sup>		
26 56 23 00-0274	EA		70' Range, 180 Degree Detection Zone, 8 Amp Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000) .....	68.01	17.25
26 56 23 00-0275	EA		70' Range, 200 Degree Detection Zone, 10 Amp Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000) .....	74.08	17.25
26 56 23 00-0276	EA		30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR).....	299.65	17.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.35</i>	
<b>26 56 26</b>			<b>Landscape Lighting <sup>(26 56)</sup></b>		
26 56 26 00-0001			Bollards <sup>(26 56 26)</sup> Note: Excludes concrete base.		
26 56 26 00-0002			Aluminum Architectural Bollards <sup>(26 56 26 00-0001)</sup>		
26 56 26 00-0003			High Pressure Sodium, Aluminum Architectural Bollards <sup>(26 56 26 00-0002)</sup>		
26 56 26 00-0004			Square, High Pressure Sodium, Aluminum Architectural Bollards <sup>(26 56 26 00-0003)</sup>		
26 56 26 00-0005	EA		24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	804.24	58.53
26 56 26 00-0006	EA		30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	811.12	61.98
26 56 26 00-0007	EA		36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	818.01	65.42
26 56 26 00-0008	EA		42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	758.54	68.86
26 56 26 00-0009	EA		24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	804.24	58.53
26 56 26 00-0010	EA		30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	811.12	61.98
26 56 26 00-0011	EA		36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	818.01	65.42
26 56 26 00-0012	EA		42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	758.54	68.86
26 56 26 00-0013	EA		24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	804.24	58.53
26 56 26 00-0014	EA		30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	811.12	61.98
26 56 26 00-0015	EA		36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	818.01	65.42
26 56 26 00-0016	EA		42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	758.54	68.86
26 56 26 00-0017	EA		24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	804.24	58.53
26 56 26 00-0018	EA		30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	811.12	61.98
26 56 26 00-0019	EA		36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	818.01	65.42
26 56 26 00-0020	EA		42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	758.54	68.86
26 56 26 00-0021			Round, High Pressure Sodium, Aluminum Architectural Bollards <sup>(26 56 26 00-0003)</sup>		
26 56 26 00-0022	EA		24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	773.77	58.53
26 56 26 00-0023	EA		30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	780.65	61.98
26 56 26 00-0024	EA		36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	787.54	65.42
26 56 26 00-0025	EA		42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	727.79	68.86
26 56 26 00-0026	EA		24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	773.77	58.53
26 56 26 00-0027	EA		30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	780.65	61.98
26 56 26 00-0028	EA		36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	787.54	65.42
26 56 26 00-0029	EA		42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	727.79	68.86
26 56 26 00-0030	EA		24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	773.77	58.53
26 56 26 00-0031	EA		30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	780.65	61.98
26 56 26 00-0032	EA		36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	787.54	65.42
26 56 26 00-0033	EA		42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	727.79	68.86
26 56 26 00-0034	EA		24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	773.77	58.53
26 56 26 00-0035	EA		30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	780.65	61.98
26 56 26 00-0036	EA		36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	787.54	65.42
26 56 26 00-0037	EA		42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard .....	727.79	68.86
26 56 26 00-0038			Metal Halide, Aluminum Architectural Bollards <sup>(26 56 26 00-0002)</sup>		
26 56 26 00-0039			Square, Metal Halide, Aluminum Architectural Bollards <sup>(26 56 26 00-0038)</sup>		
26 56 26 00-0040	EA		24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard .....	843.81	58.53
26 56 26 00-0041	EA		30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard .....	850.69	61.98
26 56 26 00-0042	EA		36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard .....	857.58	65.42
26 56 26 00-0043	EA		42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard .....	797.83	68.86
26 56 26 00-0044	EA		24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard .....	843.81	58.53
26 56 26 00-0045	EA		30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard .....	850.69	61.98
26 56 26 00-0046	EA		36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard .....	857.58	65.42
26 56 26 00-0047	EA		42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard .....	797.83	68.86
26 56 26 00-0048	EA		24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard .....	843.81	58.53
26 56 26 00-0049	EA		30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard .....	850.69	61.98



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 26 00-0050 EA 36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	857.58	65.42
26 56 26 00-0051 EA 42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	830.94	68.86
<b>26 56 26 00-0052 Round, Metal Halide, Aluminum Architectural Bollards (26 56 26 00-0038)</b>		
26 56 26 00-0053 EA 24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	813.06	58.53
26 56 26 00-0054 EA 30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	819.94	61.98
26 56 26 00-0055 EA 36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	826.83	65.42
26 56 26 00-0056 EA 42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	767.08	68.86
26 56 26 00-0057 EA 24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	813.06	58.53
26 56 26 00-0058 EA 30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	819.94	61.98
26 56 26 00-0059 EA 36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	826.83	65.42
26 56 26 00-0060 EA 42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	767.08	68.86
26 56 26 00-0061 EA 24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	813.06	58.53
26 56 26 00-0062 EA 30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	819.94	61.98
26 56 26 00-0063 EA 36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	826.83	65.42
26 56 26 00-0064 EA 42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	767.08	68.86
<b>26 56 26 00-0065 Compact Fluorescent, Aluminum Architectural Bollards (26 56 26 00-0002)</b>		
<b>26 56 26 00-0066 Square, Compact Fluorescent, Aluminum Architectural Bollards (26 56 26 00-0065)</b>		
26 56 26 00-0067 EA 24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	800.77	58.53
26 56 26 00-0068 EA 30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	807.65	61.98
26 56 26 00-0069 EA 36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	814.54	65.42
26 56 26 00-0070 EA 42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	755.70	68.86
26 56 26 00-0071 EA 24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	800.77	58.53
26 56 26 00-0072 EA 30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	807.65	61.98
26 56 26 00-0073 EA 36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	814.54	65.42
26 56 26 00-0074 EA 42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	755.70	68.86
26 56 26 00-0075 EA 24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	800.77	58.53
26 56 26 00-0076 EA 30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	807.65	61.98
26 56 26 00-0077 EA 36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	814.54	65.42
26 56 26 00-0078 EA 42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	755.70	68.86
<b>26 56 26 00-0079 Round, Compact Fluorescent, Aluminum Architectural Bollards (26 56 26 00-0065)</b>		
26 56 26 00-0080 EA 24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	770.69	58.53
26 56 26 00-0081 EA 30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	777.57	61.98
26 56 26 00-0082 EA 36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	784.46	65.42
26 56 26 00-0083 EA 42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	726.20	68.86
26 56 26 00-0084 EA 24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	770.69	58.53
26 56 26 00-0085 EA 30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	777.57	61.98
26 56 26 00-0086 EA 36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	784.46	65.42
26 56 26 00-0087 EA 42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	726.20	68.86
26 56 26 00-0088 EA 24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	770.69	58.53
26 56 26 00-0089 EA 30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	777.57	61.98
26 56 26 00-0090 EA 36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	784.46	65.42
26 56 26 00-0091 EA 42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	726.20	68.86
<b>26 56 26 00-0092 LED, Aluminum Architectural Bollards (26 56 26 00-0002)</b>		
<b>26 56 26 00-0093 Square, LED, Aluminum Architectural Bollards (26 56 26 00-0092)</b>		
26 56 26 00-0094 EA 24" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	956.95	58.53
26 56 26 00-0095 EA 30" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	963.83	61.98
26 56 26 00-0096 EA 36" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	970.72	65.42
26 56 26 00-0097 EA 42" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	912.71	68.86
26 56 26 00-0098 EA 24" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,166.34	58.53
26 56 26 00-0099 EA 30" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,173.22	61.98
26 56 26 00-0100 EA 36" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,180.11	65.42
26 56 26 00-0101 EA 42" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,121.06	68.86
<b>26 56 26 00-0102 Round, LED, Aluminum Architectural Bollards (26 56 26 00-0092)</b>		
26 56 26 00-0103 EA 24" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	925.71	58.53
26 56 26 00-0104 EA 30" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	932.59	61.98
26 56 26 00-0105 EA 36" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	939.48	65.42
26 56 26 00-0106 EA 42" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	880.43	68.86
26 56 26 00-0107 EA 24" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,135.11	58.53
26 56 26 00-0108 EA 30" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,141.99	61.98
26 56 26 00-0109 EA 36" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,148.88	65.42
26 56 26 00-0110 EA 42" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,090.19	68.86
<b>26 56 26 00-0111 Reinforced Concrete Bollards (26 56 26 00-0001)</b>		
26 56 26 00-0112 EA 48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard.....	815.75	172.14
26 56 26 00-0113 EA 58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard.....	1,358.24	229.51

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 26 00-0114</b> <b>Low Voltage</b> <small>(26 56 26)</small>		
26 56 26 00-0115 EA Low Voltage Recessed Uplight .....	493.41	125.33
26 56 26 00-0116 EA Low Voltage Walkway .....	356.60	68.86
26 56 26 00-0117 EA Low Voltage Malibu - 5 Light Set .....	343.04	91.93
26 56 26 00-0118 EA Low Voltage Mushroom 24" Pier .....	300.88	68.86
<b>26 56 26 00-0119</b> <b>Recessed, Adjustable</b> <small>(26 56 26)</small>		
26 56 26 00-0120 EA 150 Watt Incandescent Recessed, Adjustable .....	590.43	110.18
26 56 26 00-0121 EA 300 Watt Incandescent Recessed, Adjustable .....	650.13	110.18
<b>26 56 26 00-0122</b> <b>Recessed, Uplight</b> <small>(26 56 26)</small>		
26 56 26 00-0123 EA 50 Watt Incandescent Recessed Uplight .....	522.78	110.18
26 56 26 00-0124 EA 150 Watt Incandescent Recessed Uplight .....	534.72	110.18
26 56 26 00-0125 EA 300 Watt Incandescent Recessed Uplight .....	570.53	110.18
26 56 26 00-0126 EA 500 Watt Quartz Recessed Uplight .....	566.55	110.18
26 56 26 00-0127 EA 5 Watt LED Recessed Uplight .....	602.46	110.18
26 56 26 00-0128 EA 15 Watt LED Recessed Uplight .....	660.78	110.18
<b>26 56 26 00-0129</b> <b>Recessed Wall Light</b> <small>(26 56 26)</small>		
26 56 26 00-0130 EA 100 Watt Incandescent Recessed Wall Light .....	265.07	68.86
26 56 26 00-0131 EA 100 Watt Fluorescent Recessed Wall Light .....	253.13	68.86
26 56 26 00-0132 EA 100 Watt High Intensity Discharge (HID) Recessed Wall Light .....	418.66	91.93
<b>26 56 26 00-0133</b> <b>Step Lights</b> <small>(26 56 26)</small>		
26 56 26 00-0134 EA Incandescent Step Light .....	217.59	55.09
26 56 26 00-0135 EA Fluorescent Step Light .....	257.42	55.09
26 56 26 00-0136 EA 5 Watt LED Step Light .....	329.85	55.09
26 56 26 00-0137 EA 15 Watt LED Step Light .....	392.05	55.09
<b>26 56 26 00-0138</b> <b>Tree Lights, Surface Adjustable</b> <small>(26 56 26)</small>		
26 56 26 00-0139 EA 50 Watt Incandescent Tree Lights .....	470.39	91.93
26 56 26 00-0140 EA 100 Watt Incandescent Tree Lights .....	482.33	91.93
26 56 26 00-0141 EA 150 Watt Incandescent Tree Lights .....	593.80	137.72
<b>26 56 26 00-0142</b> <b>Underwater Lights</b> <small>(26 56 26)</small>		
26 56 26 00-0143 EA 150 Watt, 120 Volt Underwater Lights .....	398.02	45.79
26 56 26 00-0144 EA 300 Watt, 120 Volt Underwater Lights .....	445.77	45.79
26 56 26 00-0145 EA 1,000 Watt, 120 Volt Underwater Lights .....	1,112.72	68.86
26 56 26 00-0146 EA 50 Watt, 12 V Underwater Lights .....	417.92	45.79
26 56 26 00-0147 EA 300 Watt, 12 V Underwater Lights .....	473.63	45.79
26 56 26 00-0148 EA Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent .....	1,221.12	103.29
<b>26 56 33</b> <b>Walkway Lighting</b> <small>(26 56)</small>		
<b>26 56 33 00-0001</b> <b>Incandescent Walkway</b> <small>(26 56 33)</small>		
26 56 33 00-0002 EA Post Top 300 Watt Incandescent Walkway Fixture .....	271.67	64.04
<b>26 56 33 00-0003</b> <b>Metal Halide Walkway</b> <small>(26 56 33)</small>		
26 56 33 00-0004 EA Post Top 100 Watt Metal Halide Walkway Fixture .....	416.85	100.67
26 56 33 00-0005 EA Post Top 150-175 Watt Metal Halide Walkway Fixture .....	442.92	104.32
26 56 33 00-0006 EA Post Top 250 Watt Metal Halide Walkway Fixture .....	480.38	108.31
26 56 33 00-0007 EA Post Top 400 Watt Metal Halide Walkway Fixture .....	513.69	117.06
26 56 33 00-0008 EA Round Luminaries 100 Watt Metal Halide Walkway Fixture .....	455.26	108.31
26 56 33 00-0009 EA Round Luminaries 150-175 Watt Metal Halide Walkway Fixture .....	465.19	100.67
26 56 33 00-0010 EA Round Luminaries 250 Watt Metal Halide Walkway Fixture .....	473.09	104.32
26 56 33 00-0011 EA Spherical 100 Watt Metal Halide Walkway Fixture .....	382.19	71.75
26 56 33 00-0012 EA Spherical 150-175 Watt Metal Halide Walkway Fixture .....	407.32	71.75
26 56 33 00-0013 EA Spherical 250 Watt Metal Halide Walkway Fixture .....	432.45	71.75
26 56 33 00-0014 EA Spherical 400 Watt Metal Halide Walkway Fixture .....	488.32	80.77
26 56 33 00-0015 EA Low Walkway 100 Watt Metal Halide Walkway Fixture .....	367.68	64.45
<b>26 56 33 00-0016</b> <b>High Pressure Sodium Walkway</b> <small>(26 56 33)</small>		
26 56 33 00-0017 EA Post Top 100 Watt High Pressure Sodium Walkway Fixture .....	369.71	100.67
26 56 33 00-0018 EA Post Top 150-175 Watt High Pressure Sodium Walkway Fixture .....	391.68	104.32
26 56 33 00-0019 EA Post Top 250 Watt High Pressure Sodium Walkway Fixture .....	422.67	108.31
26 56 33 00-0020 EA Post Top 400 Watt High Pressure Sodium Walkway Fixture .....	452.55	117.06
26 56 33 00-0021 EA Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture .....	403.04	108.31
26 56 33 00-0022 EA Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture .....	407.48	100.67
26 56 33 00-0023 EA Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture .....	415.25	104.32
26 56 33 00-0024 EA Spherical 100 Watt High Pressure Sodium Walkway Fixture .....	329.97	71.75



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 33 00-0025 EA Spherical 175 150-Watt High Pressure Sodium Walkway Fixture .....	349.60	71.75
26 56 33 00-0026 EA Spherical 250 Watt High Pressure Sodium Walkway Fixture .....	369.23	71.75
26 56 33 00-0027 EA Spherical 400 Watt High Pressure Sodium Walkway Fixture .....	416.86	80.77
26 56 33 00-0028 EA Low Walkway 100 Watt High Pressure Sodium Walkway Fixture.....	315.46	64.45
<b>26 56 33 00-0029 Walkway, Adjustable (26 56 33)</b>		
26 56 33 00-0030 EA 2' Fluorescent Adjustable Walkway Fixture .....	394.63	91.93
26 56 33 00-0031 EA 4' Fluorescent Adjustable Walkway Fixture .....	407.03	91.93
26 56 33 00-0032 EA 8' Fluorescent Adjustable Walkway Fixture .....	713.50	137.72
26 56 33 00-0033 EA 50 Watt Incandescent Adjustable Walkway Fixture .....	336.09	68.86
26 56 33 00-0034 EA 150 Watt Incandescent Adjustable Walkway Fixture .....	352.62	68.86
<b>26 56 33 00-0035 LED Walkway (26 56 33)</b>		
<b>26 56 33 00-0036 LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) (26 56 33 00-0035)</b>		
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 33 00-0037 EA 13" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	676.13	52.88
For Multi-Level Drive Currents, Add	164.64	
26 56 33 00-0038 EA 18" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	699.65	52.88
For Multi-Level Drive Currents, Add	164.64	
26 56 33 00-0039 EA 36" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	739.63	52.88
For Multi-Level Drive Currents, Add	164.64	
26 56 33 00-0040 EA 42" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	770.21	52.88
For Multi-Level Drive Currents, Add	164.64	
26 56 33 00-0041 EA 96" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG).....	882.41	67.99
For Multi-Level Drive Currents, Add	164.64	
<b>26 56 36 Flood Lighting (26 56)</b>		
<b>26 56 36 00-0001 General Electric Powerflood® Flood Lights (26 56 36)</b>		
<b>26 56 36 00-0002 MPF (Small Size) Series GE Flood Lights (26 56 36 00-0001)</b>		
Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
<b>26 56 36 00-0003 High Pressure Sodium MPF Series GE Flood Lights (26 56 36 00-0002)</b>		
26 56 36 00-0004 EA 70 Watt High Pressure Sodium MPF Series GE Flood Light.....	201.82	57.74
26 56 36 00-0005 EA 100 Watt High Pressure Sodium MPF Series GE Flood Light .....	203.55	57.74
26 56 36 00-0006 EA 150 Watt High Pressure Sodium MPF Series GE Flood Light .....	206.42	57.74
<b>26 56 36 00-0007 Metal Halide MPF Series GE Flood Lights (26 56 36 00-0002)</b>		
26 56 36 00-0008 EA 70 Watt Metal Halide MPF Series GE Flood Light .....	270.32	57.74
<b>26 56 36 00-0009 P-154 (Small Size) Series GE Flood Lights (26 56 36 00-0001)</b>		
Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0010 High Pressure Sodium P-154 Series GE Flood Lights (26 56 36 00-0009)</b>		
26 56 36 00-0011 EA 70 Watt High Pressure Sodium P-154 Series GE Flood Light .....	402.05	76.99
26 56 36 00-0012 EA 100 Watt High Pressure Sodium P-154 Series GE Flood Light .....	404.36	76.99
26 56 36 00-0013 EA 150 Watt High Pressure Sodium P-154 Series GE Flood Light .....	408.39	76.99
26 56 36 00-0014 EA 250 Watt High Pressure Sodium P-154 Series GE Flood Light .....	453.86	76.99
26 56 36 00-0015 EA 400 Watt High Pressure Sodium P-154 Series GE Flood Light .....	467.10	76.99
<b>26 56 36 00-0016 Metal Halide P-154 Series GE Flood Lights (26 56 36 00-0009)</b>		
26 56 36 00-0017 EA 175 Watt Metal Halide P-154 Series GE Flood Light.....	398.02	76.99
26 56 36 00-0018 EA 250 Watt Metal Halide P-154 Series GE Flood Light.....	418.17	76.99
26 56 36 00-0019 EA 400 Watt Metal Halide P-154 Series GE Flood Light.....	428.53	76.99
<b>26 56 36 00-0020 PF-154 (Medium Size) Series GE Flood Lights (26 56 36 00-0001)</b>		
Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0021 High Pressure Sodium PF-154 Series GE Flood Lights (26 56 36 00-0020)</b>		
26 56 36 00-0022 EA 70 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	411.52	86.62
26 56 36 00-0023 EA 100 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	414.40	86.62
26 56 36 00-0024 EA 150 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	419.00	86.62
26 56 36 00-0025 EA 250 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	463.90	86.62
26 56 36 00-0026 EA 400 Watt High Pressure Sodium PF-154 Series GE Flood Light.....	476.56	86.62
<b>26 56 36 00-0027 Metal Halide PF-154 GE Flood Lights (26 56 36 00-0020)</b>		

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0028 EA 175 Watt Metal Halide PF-154 Series GE Flood Light.....	408.06	86.62
26 56 36 00-0029 EA 250 Watt Metal Halide PF-154 Series GE Flood Light.....	427.64	86.62
26 56 36 00-0030 EA 400 Watt Metal Halide PF-154 Series GE Flood Light.....	438.00	86.62
<b>26 56 36 00-0031 PF-400 (Medium Size) Series GE Flood Lights</b> <small>(26 56 36 00-0001)</small>		
Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0032 High Pressure Sodium PF-400 Series GE Flood Lights</b> <small>(26 56 36 00-0031)</small>		
26 56 36 00-0033 EA 150 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	547.36	86.62
26 56 36 00-0034 EA 200 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	587.65	86.62
26 56 36 00-0035 EA 250 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	584.77	86.62
26 56 36 00-0036 EA 400 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	599.16	86.62
<b>26 56 36 00-0037 Metal Halide PF-400 GE Flood Lights</b> <small>(26 56 36 00-0031)</small>		
26 56 36 00-0038 EA 175 Watt Metal Halide PF-400 Series GE Flood Light.....	562.33	86.62
26 56 36 00-0039 EA 250 Watt Metal Halide PF-400 Series GE Flood Light.....	574.41	86.62
26 56 36 00-0040 EA 400 Watt Metal Halide PF-400 Series GE Flood Light.....	587.08	86.62
<b>26 56 36 00-0041 PF-1000 (Large Size) Series GE Flood Lights</b> <small>(26 56 36 00-0001)</small>		
Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0042 High Pressure Sodium PF-1000 Series GE Flood Lights</b> <small>(26 56 36 00-0041)</small>		
26 56 36 00-0043 EA 750 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	738.71	96.23
26 56 36 00-0044 EA 1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	738.71	96.23
<b>26 56 36 00-0045 Metal Halide PF-1000 Series GE Flood Lights</b> <small>(26 56 36 00-0041)</small>		
26 56 36 00-0046 EA 1,000 Watt Metal Halide PF-1000 Series GE Flood Light.....	705.33	96.23
<b>26 56 36 00-0047 HLU/VLU (Medium Size) FRP Series GE Flood Lights</b> <small>(26 56 36 00-0001)</small>		
Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0048 High Pressure Sodium HLU/VLU FRP Series GE Flood Lights</b> <small>(26 56 36 00-0047)</small>		
26 56 36 00-0049 EA 250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	602.62	86.62
26 56 36 00-0050 EA 400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	613.55	86.62
<b>26 56 36 00-0051 Metal Halide HLU/VLU Series GE Flood Lights</b> <small>(26 56 36 00-0047)</small>		
26 56 36 00-0052 EA 400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light.....	608.95	86.62
<b>26 56 36 00-0053 Accessories For Powerflood GE Flood Lights</b> <small>(26 56 36 00-0001)</small>		
26 56 36 00-0054 EA Wireguard For Powerflood GE Flood Light.....	104.68	19.25
26 56 36 00-0055 EA Polycarbonate Vandal Shield For Powerflood GE Flood Light.....	62.09	19.25
26 56 36 00-0056 EA Top Visor For Powerflood Flood Light.....	88.57	19.25
26 56 36 00-0057 EA Top And Two Side Visors For Powerflood GE Flood Light.....	68.42	19.25
26 56 36 00-0058 EA Pipe Wall Mounting Bracket For Powerflood GE Flood Light.....	174.19	57.74
26 56 36 00-0059 EA Multiple Mounting Channel For Powerflood GE Flood Light.....	74.75	19.25
26 56 36 00-0060 EA Wall Or Flat Surface Bracket For Powerflood GE Flood Light.....	131.02	57.74
26 56 36 00-0061 EA Steel Angle Bracket For Powerflood GE Flood Light.....	136.20	57.74
26 56 36 00-0062 EA Cross Arm Adaptor For Powerflood GE Flood Light.....	56.91	19.25
26 56 36 00-0063 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light.....	55.18	19.25
<b>26 56 36 00-0064 Lithonia Contour Series Flood Lights</b> <small>(26 56 36)</small>		
<b>26 56 36 00-0065 TFM (Small Size) Series Lithonia Flood Lights</b> <small>(26 56 36 00-0064)</small>		
Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
<b>26 56 36 00-0066 High Pressure Sodium TFM Series Lithonia Flood Lights</b> <small>(26 56 36 00-0065)</small>		
26 56 36 00-0067 EA 70 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	371.41	76.99
26 56 36 00-0068 EA 100 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	404.64	76.99
26 56 36 00-0069 EA 150 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	437.19	76.99
<b>26 56 36 00-0070 Metal Halide TFM Series Lithonia Flood Lights</b> <small>(26 56 36 00-0065)</small>		
26 56 36 00-0071 EA 50 Watt Metal Halide TFM Series Lithonia Flood Light.....	477.80	76.99
26 56 36 00-0072 EA 70 Watt Metal Halide TFM Series Lithonia Flood Light.....	469.80	76.99
26 56 36 00-0073 EA 100 Watt Metal Halide TFM Series Lithonia Flood Light.....	456.91	76.99
26 56 36 00-0074 EA 175 Watt Metal Halide TFM Series Lithonia Flood Light.....	455.95	76.99



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 36 00-0075</b> Compact Fluorescent TFM Series Lithonia Flood Lights <small>(26 56 36 00-0065)</small>		
26 56 36 00-0076 EA 42 Watt Compact Fluorescent TFM Series Lithonia Flood Light.....	474.49	76.99
<b>26 56 36 00-0077</b> TFL (Medium Size) Series Lithonia Flood Lights <small>(26 56 36 00-0064)</small>		
Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0078</b> High Pressure Sodium TFL Series Lithonia Flood Lights <small>(26 56 36 00-0077)</small>		
26 56 36 00-0079 EA 250 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	563.85	86.62
26 56 36 00-0080 EA 400 Watt High Pressure Sodium TFL Series Lithonia Flood Light.....	574.93	86.62
<b>26 56 36 00-0081</b> Metal Halide TFL Series Lithonia Flood Lights <small>(26 56 36 00-0077)</small>		
26 56 36 00-0082 EA 175 Watt Metal Halide TFL Series Lithonia Flood Light.....	538.93	86.62
26 56 36 00-0083 EA 250 Watt Metal Halide TFL Series Lithonia Flood Light.....	538.93	86.62
26 56 36 00-0084 EA 400 Watt Metal Halide TFL Series Lithonia Flood Light.....	556.32	86.62
<b>26 56 36 00-0085</b> TFR (Low Profile) Series Lithonia Flood Lights <small>(26 56 36 00-0064)</small>		
Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0086</b> High Pressure Sodium TFR Lithonia Flood Lights <small>(26 56 36 00-0085)</small>		
26 56 36 00-0087 EA 150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	539.07	76.99
26 56 36 00-0088 EA 250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	555.66	76.99
26 56 36 00-0089 EA 400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light.....	569.52	76.99
<b>26 56 36 00-0090</b> Metal Halide TFR Lithonia Flood Lights <small>(26 56 36 00-0085)</small>		
26 56 36 00-0091 EA 250 Watt Metal Halide TFR Series Lithonia Flood Light.....	533.52	76.99
26 56 36 00-0092 EA 400 Watt Metal Halide TFR Series Lithonia Flood Light.....	550.13	76.99
<b>26 56 36 00-0093</b> TFA (Large Size) Series Lithonia Flood Lights <small>(26 56 36 00-0064)</small>		
Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
<b>26 56 36 00-0094</b> High Pressure Sodium TFA Series Lithonia Flood Lights <small>(26 56 36 00-0093)</small>		
26 56 36 00-0095 EA 1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	1,037.31	96.23
<b>26 56 36 00-0096</b> Metal Halide TFA Series Lithonia Flood Lights <small>(26 56 36 00-0093)</small>		
26 56 36 00-0097 EA 400 Watt Metal Halide TFA Series Lithonia Flood Light.....	801.86	96.23
26 56 36 00-0098 EA 1,000 Watt Metal Halide TFA Series Lithonia Flood Light.....	884.95	96.23
<b>26 56 36 00-0099</b> Accessories For Contour Series Lithonia Flood Lights <small>(26 56 36 00-0064)</small>		
26 56 36 00-0100 EA Wireguard For Contour Series Lithonia Flood Light.....	90.72	19.25
26 56 36 00-0101 EA Vandal Guard For Contour Series Lithonia Flood Light.....	172.28	19.25
26 56 36 00-0102 EA Upper Visor For Contour Series Lithonia Flood Light.....	75.33	19.25
26 56 36 00-0103 EA Full Visor For Contour Series Lithonia Flood Light.....	100.25	19.25
26 56 36 00-0104 EA Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light.....	226.26	57.74
26 56 36 00-0105 EA Radius Wall Bracket For Contour Series Lithonia Flood Light.....	182.16	57.74
26 56 36 00-0106 EA Steel Angle Bracket For Contour Series Lithonia Flood Light.....	182.16	57.74
26 56 36 00-0107 EA U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe.....	199.75	57.74
26 56 36 00-0108 EA Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light.....	86.93	19.25
26 56 36 00-0109 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light.....	70.03	19.25
<b>26 56 36 00-0110</b> Ruud Flood Lights <small>(26 56 36)</small>		
<b>26 56 36 00-0111</b> NS (Micro) Series Ruud Flood Lights <small>(26 56 36 00-0110)</small>		
Note: Provides conventional floodlighting, 1/2" threaded mounting knuckle.		
<b>26 56 36 00-0112</b> High Pressure Sodium NS Series Ruud Flood Lights <small>(26 56 36 00-0111)</small>		
26 56 36 00-0113 EA 35 Watt High Pressure Sodium NS Series Ruud Flood Light.....	245.57	57.74
26 56 36 00-0114 EA 50 Watt High Pressure Sodium NS Series Ruud Flood Light.....	245.57	57.74
26 56 36 00-0115 EA 70 Watt High Pressure Sodium NS Series Ruud Flood Light.....	245.57	57.74
26 56 36 00-0116 EA 100 Watt High Pressure Sodium NS Series Ruud Flood Light.....	245.57	57.74
26 56 36 00-0117 EA 150 Watt High Pressure Sodium NS Series Ruud Flood Light.....	245.57	57.74
<b>26 56 36 00-0118</b> Metal Halide NS Series Ruud Flood Lights <small>(26 56 36 00-0111)</small>		
26 56 36 00-0119 EA 50 Watt Metal Halide NS Series Ruud Flood Light.....	277.80	57.74
26 56 36 00-0120 EA 70 Watt Metal Halide NS Series Ruud Flood Light.....	277.80	57.74
26 56 36 00-0121 EA 100 Watt Metal Halide NS Series Ruud Flood Light.....	277.80	57.74

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 56 36 00-0122</b>	<b>Compact Fluorescent NS Series Ruud Flood Lights (26 56 36 00-0111)</b>	
26 56 36 00-0123 EA 13 Watt Compact Fluorescent NS Series Ruud Flood Light .....	212.18	57.74
26 56 36 00-0124 EA 26 Watt Compact Fluorescent NS Series Ruud Flood Light .....	220.24	57.74
26 56 36 00-0125 EA 32 Watt Compact Fluorescent NS Series Ruud Flood Light .....	222.54	57.74
26 56 36 00-0126 EA 42 Watt Compact Fluorescent NS Series Ruud Flood Light .....	224.84	57.74
<b>26 56 36 00-0127</b>	<b>NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights (26 56 36 00-0110)</b>	
Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
<b>26 56 36 00-0128</b>	<b>High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights (26 56 36 00-0127)</b>	
26 56 36 00-0129 EA 150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	378.13	86.62
26 56 36 00-0130 EA 250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	398.86	86.62
26 56 36 00-0131 EA 400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	410.37	86.62
<b>26 56 36 00-0132</b>	<b>Metal Halide NSF/NSW/NSC Series Ruud Flood Lights (26 56 36 00-0127)</b>	
26 56 36 00-0133 EA 175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	373.53	86.62
26 56 36 00-0134 EA 250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	375.83	86.62
26 56 36 00-0135 EA 400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	382.74	86.62
<b>26 56 36 00-0136</b>	<b>Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights (26 56 36 00-0127)</b>	
26 56 36 00-0137 EA 70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light .....	365.47	86.62
<b>26 56 36 00-0138</b>	<b>FS (Square) Series Ruud Flood Lights (26 56 36 00-0110)</b>	
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
<b>26 56 36 00-0139</b>	<b>High Pressure Sodium FS Series Ruud Flood Lights (26 56 36 00-0138)</b>	
26 56 36 00-0140 EA 250 Watt High Pressure Sodium FS Series Ruud Flood Light .....	439.15	86.62
26 56 36 00-0141 EA 400 Watt High Pressure Sodium FS Series Ruud Flood Light .....	441.45	86.62
26 56 36 00-0142 EA 1,000 Watt High Pressure Sodium FS Series Ruud Flood Light .....	739.29	96.23
<b>26 56 36 00-0143</b>	<b>Metal Halide FS Series Ruud Flood Lights (26 56 36 00-0138)</b>	
26 56 36 00-0144 EA 175 Watt Metal Halide FS Series Ruud Flood Light .....	439.15	86.62
26 56 36 00-0145 EA 250 Watt Metal Halide FS Series Ruud Flood Light .....	441.45	86.62
26 56 36 00-0146 EA 400 Watt Metal Halide FS Series Ruud Flood Light .....	448.36	86.62
26 56 36 00-0147 EA 1,000 Watt Metal Halide FS Series Ruud Flood Light .....	663.31	96.23
<b>26 56 36 00-0148</b>	<b>MFS (Mini Square) Series Ruud Flood Lights (26 56 36 00-0110)</b>	
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
<b>26 56 36 00-0149</b>	<b>High Pressure Sodium MFS Series Ruud Flood Lights (26 56 36 00-0148)</b>	
26 56 36 00-0150 EA 35 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	346.22	76.99
26 56 36 00-0151 EA 50 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	370.40	76.99
26 56 36 00-0152 EA 70 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	370.40	76.99
26 56 36 00-0153 EA 100 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	370.40	76.99
26 56 36 00-0154 EA 150 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	370.40	76.99
<b>26 56 36 00-0155</b>	<b>Metal Halide MFS Series Ruud Flood Lights (26 56 36 00-0148)</b>	
26 56 36 00-0156 EA 50 Watt Metal Halide MFS Series Ruud Flood Light .....	378.45	76.99
26 56 36 00-0157 EA 70 Watt Metal Halide MFS Series Ruud Flood Light .....	378.45	76.99
26 56 36 00-0158 EA 100 Watt Metal Halide MFS Series Ruud Flood Light .....	378.45	76.99
26 56 36 00-0159 EA 175 Watt Metal Halide MFS Series Ruud Flood Light .....	365.79	76.99
<b>26 56 36 00-0160</b>	<b>MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights (26 56 36 00-0110)</b>	
Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
<b>26 56 36 00-0161</b>	<b>High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights (26 56 36 00-0160)</b>	
26 56 36 00-0162 EA 35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	375.00	76.99
26 56 36 00-0163 EA 50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	399.18	76.99
26 56 36 00-0164 EA 70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	399.18	76.99
26 56 36 00-0165 EA 100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	399.18	76.99
26 56 36 00-0166 EA 150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	399.18	76.99
<b>26 56 36 00-0167</b>	<b>Metal Halide MCF/MPM/MPN Series Ruud Flood Lights (26 56 36 00-0160)</b>	
26 56 36 00-0168 EA 50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	407.23	76.99
26 56 36 00-0169 EA 70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	407.23	76.99





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0170 EA 100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	407.23	76.99
26 56 36 00-0171 EA 175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	394.57	76.99
<b>26 56 36 00-0172 CF (Cutoff Square) Series Ruud Flood Lights (26 56 36 00-0110)</b> Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
<b>26 56 36 00-0173 High Pressure Sodium CF Series Ruud Flood Lights (26 56 36 00-0172)</b>		
26 56 36 00-0174 EA 250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	493.25	86.62
26 56 36 00-0175 EA 400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	504.77	86.62
26 56 36 00-0176 EA 1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	768.07	96.23
<b>26 56 36 00-0177 Metal Halide CF Series Ruud Flood Lights (26 56 36 00-0172)</b>		
26 56 36 00-0178 EA 175 Watt Metal Halide CF Series Ruud Flood Light .....	467.93	86.62
26 56 36 00-0179 EA 250 Watt Metal Halide CF Series Ruud Flood Light .....	470.23	86.62
26 56 36 00-0180 EA 400 Watt Metal Halide CF Series Ruud Flood Light .....	477.14	86.62
26 56 36 00-0181 EA 1,000 Watt Metal Halide CF Series Ruud Flood Light .....	692.09	96.23
<b>26 56 36 00-0182 CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights (26 56 36 00-0110)</b> Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
<b>26 56 36 00-0183 High Pressure Sodium CN Series Ruud Flood Lights (26 56 36 00-0182)</b>		
26 56 36 00-0184 EA 400 High Pressure Sodium CN Series Ruud Flood Light .....	634.53	96.23
26 56 36 00-0185 EA 1,000 High Pressure Sodium CN Series Ruud Flood Light.....	754.26	96.23
<b>26 56 36 00-0186 Metal Halide CN Series Ruud Flood Lights (26 56 36 00-0182)</b>		
26 56 36 00-0187 EA 400 Watt Metal Halide CN Series Ruud Flood Light.....	606.90	96.23
26 56 36 00-0188 EA 1,000 Watt Metal Halide CN Series Ruud Flood Light.....	678.28	96.23
<b>26 56 36 00-0189 PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights (26 56 36 00-0110)</b> Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
<b>26 56 36 00-0190 High Pressure Sodium PM/PN Series Ruud Flood Lights (26 56 36 00-0189)</b>		
26 56 36 00-0191 EA 250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light .....	509.37	86.62
26 56 36 00-0192 EA 400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light .....	520.88	86.62
<b>26 56 36 00-0193 Metal Halide PM/PN Series Ruud Flood Lights (26 56 36 00-0189)</b>		
26 56 36 00-0194 EA 175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	484.04	86.62
26 56 36 00-0195 EA 250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	486.35	86.62
26 56 36 00-0196 EA 400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	493.25	86.62
26 56 36 00-0197 EA 1,000 Watt Metal Halide PMPN Series Ruud Flood Light.....	708.21	96.23
<b>26 56 36 00-0198 Accessories For Ruud Flood Lighting (26 56 36 00-0110)</b>		
26 56 36 00-0199 EA Wireguard For Ruud Flood Light.....	55.76	19.25
26 56 36 00-0200 EA Deep Baffle (Full Visor) For Ruud Flood Light.....	86.84	19.25
26 56 36 00-0201 EA Glare Guard (Upper Visor) For Ruud Flood Light .....	63.82	19.25
26 56 36 00-0202 EA Vandal Shield For Ruud Flood Light.....	75.33	19.25
26 56 36 00-0203 EA Pipe Mounting Bracket For Ruud Flood Light .....	154.62	57.74
26 56 36 00-0204 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	48.85	19.25
<b>26 56 36 00-0205 Lumark Flood Lights (26 56 36)</b>		
<b>26 56 36 00-0206 QZ Wedge Series Quartz Lumark Flood Lights (26 56 36 00-0205)</b> Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0207 EA 500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	139.02	57.74
<b>26 56 36 00-0208 LQL Series Quartz Lumark Flood Lights (26 56 36 00-0205)</b> Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0209 EA 1,500 Watt LQL Series Quartz Lumark Flood Light .....	172.98	57.74
<b>26 56 36 00-0210 Kim Lighting (26 56 36)</b>		
<b>26 56 36 00-0211 MicroFlood® Series Kim Lighting Flood Lights (26 56 36 00-0210)</b> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
<b>26 56 36 00-0212 LED MicroFlood® Series Kim Lighting Flood Lights (26 56 36 00-0211)</b>		
26 56 36 00-0213 EA 5 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	274.91	24.15
26 56 36 00-0214 EA 15 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	338.78	24.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0215			<b>Scarab® Series Kim Lighting Flood Lights</b> <small>(26 56 36 00-02 10)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0216			<b>LED Scarab® Series Kim Lighting Accent Flood Lights</b> <small>(26 56 36 00-02 15)</small> Note: Spot or narrow style accent flood lights.		
26 56 36 00-0217	EA		6 Watt LED Scarab® Series Kim Lighting Accent Flood Light.....	417.35	24.15
26 56 36 00-0218			<b>CREE® BetaLED® Flood Lights</b> <small>(26 56 36)</small>		
26 56 36 00-0219			<b>Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304)</b> <small>(26 56 36 00-02 18)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0220	EA		40 LEDs, 47 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	867.81	69.34
26 56 36 00-0221	EA		60 LEDs, 68 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	954.31	73.20
26 56 36 00-0222			<b>Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG)</b> <small>(26 56 36 00-02 18)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0223	EA		20 LEDs, 26 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	750.74	65.49
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0224	EA		40 LEDs, 47 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	954.83	69.34
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0225	EA		60 LEDs, 68 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,157.76	73.20
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0226	EA		80 LEDs, 90 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,440.63	77.05
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0227	EA		100 LEDs, 111 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,643.56	80.90
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0228	EA		120 LEDs, 132 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,847.65	84.75
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0229	EA		140 LEDs, 157 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,114.08	88.61
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0230	EA		160 LEDs, 179 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,318.18	92.46
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0231	EA		200 LEDs, 221 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,725.20	100.16
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0232	EA		240 LEDs, 264 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,124.51	104.01
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0233			<b>Adjustable Arm Mount, Round, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDR)</b> <small>(26 56 36 00-02 18)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0234	EA		40 LEDs, 47 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,095.95	69.34
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0235	EA		60 LEDs, 68 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,298.88	73.20
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0236	EA		80 LEDs, 90 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,433.58	77.05
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0237	EA		100 LEDs, 111 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,707.06	80.90
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0238	EA		120 LEDs, 132 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,909.98	84.75
			<i>For 347-480 Volt, Add</i> .....	53.70	
26 56 36 00-0239			<b>Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO)</b> <small>(26 56 36 00-02 18)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0240	EA		120 LEDs, 267 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO) .....	1,429.50	84.75
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Bird Spikes, Add</i>	27.99	
			<i>For 5,000K Color Temperature, Add</i>	30.96	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
			<i>For 1,000mA Driver, Add</i>	104.02	
26 56 36 00-0241	EA		240 LEDs, 533 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO) .....	2,430.26	104.01
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For 5,000K Color Temperature, Add</i>	30.96	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	41.62	
			<i>For Multi-Level, Add</i>	80.49	
			<i>For 1,000mA Driver, Add</i>	104.02	
			<i>For 480 Volt, Add</i>	111.45	
<b>26 56 36 00-0242</b>			<b>Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™)</b> <small>(26 56 36 00-0218)</small>		
			Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0243	EA		112 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL) (DLC Certified) .....	832.66	84.75
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	21.48	
			<i>For Rotated Optics, Back Light Shield, Add</i>	21.48	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For Multi-Level, Add</i>	80.49	
26 56 36 00-0244	EA		168 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) (DLC Certified) .....	891.18	84.75
			Note: Type III, IV or V medium optics only.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	21.48	
			<i>For Rotated Optics, Back Light Shield, Add</i>	21.48	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For Type II Medium Or Type V Short Optics, Add</i>	71.52	
			<i>For Multi-Level, Add</i>	80.49	
26 56 36 00-0245	EA		223 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL) (DLC Certified) .....	1,144.25	104.01
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	26.00	
			<i>For Rotated Optics, Back Light Shield, Add</i>	26.00	
			<i>For Fuse, Add</i>	37.15	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
			<i>For Multi-Level, Add</i>	80.49	
<b>26 56 36 00-0246</b>			<b>PlanLED Flood Lights</b> <small>(26 56 36)</small>		
<b>26 56 36 00-0247</b>			<b>Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA)</b> <small>(26 56 36 00-0246)</small>		
26 56 36 00-0248	EA		6,250 Lumens, 50 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050) .....	343.44	69.34
26 56 36 00-0249	EA		9,375 Lumens, 75 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075) .....	397.35	73.20
26 56 36 00-0250	EA		12,500 Lumens, 100 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100) .....	456.15	78.98
<b>26 56 36 00-0251</b>			<b>Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA)</b> <small>(26 56 36 00-0246)</small>		
26 56 36 00-0252	EA		21,000 Lumens, 200 System Watts, LED Sports Flood Light (PlanLED SUFA SF200) .....	944.50	154.09
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
26 56 36 00-0253	EA		42,000 Lumens, 400 System Watts, LED Sports Flood Light (PlanLED SUFA SF400) .....	1,522.00	154.09
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
26 56 36 00-0254	EA		84,000 Lumens, 800 System Watts, LED Sports Flood Light (PlanLED SUFA SF800) .....	2,525.80	154.09
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
<b>26 56 36 00-0255</b>			<b>Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA)</b> <small>(26 56 36 00-0246)</small>		
26 56 36 00-0256	EA		26,000 Lumens, 200 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200) .....	795.68	100.16
			<i>For 0 To 10 Volt Dimming, Add</i>	29.40	
			<i>For 347-480 Volt, Add</i>	29.40	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0257 EA 39,000 Lumens, 300 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300).....	1,072.18	104.01
For 0 To 10 Volt Dimming, Add	29.40	
For 347-480 Volt, Add	57.75	
26 56 36 00-0258 EA 52,000 Lumens, 400 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400).....	1,353.94	107.87
For 0 To 10 Volt Dimming, Add	29.40	
For 347-480 Volt, Add	57.75	
<b>26 56 39 Hazardous Location Flood Lights (26 56)</b>		
Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.		
26 56 39 00-0001 Lithonia Hazardous Location Flood Lights (26 56 39)		
26 56 39 00-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights (26 56 39 00-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights (26 56 39 00-0002)		
26 56 39 00-0004 EA 150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	534.22	76.99
26 56 39 00-0005 EA 250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	569.91	76.99
26 56 39 00-0006 EA 400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	535.37	76.99
26 56 39 00-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0002)		
26 56 39 00-0008 EA 250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	566.10	76.99
26 56 39 00-0009 EA 400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	549.19	76.99
26 56 39 00-0010 HFM (Medium Base) Series Hazardous Location Flood Lights (26 56 39 00-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0010)		
26 56 39 00-0012 EA 100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	509.69	76.99
26 56 39 00-0013 EA 150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	530.99	76.99
26 56 39 00-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0010)		
26 56 39 00-0015 EA 175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	452.13	76.99
26 56 39 00-0016 HFA (Large) Series Hazardous Location Flood Lights (26 56 39 00-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0016)		
26 56 39 00-0018 EA 250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	718.57	96.23
26 56 39 00-0019 EA 400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	728.93	96.23
26 56 39 00-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0016)		
26 56 39 00-0021 EA 250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	715.11	96.23
26 56 39 00-0022 EA 400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	728.93	96.23
26 56 39 00-0023 HFL (Medium) Series Hazardous Location Flood Lights (26 56 39 00-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0023)		
26 56 39 00-0025 EA 400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	535.85	86.62
26 56 39 00-0026 Metal Halide HFL Series Lithonia Hazardous Location Flood Lights (26 56 39 00-0023)		
26 56 39 00-0027 EA 400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light .....	576.14	86.62
26 56 39 00-0028 Accessories For Lithonia Hazardous Location Flood Lights (26 56 39 00-0001)		
See CSI section 26 56 36 00-0099 for accessories.		
<b>26 56 43 High Performance Flood Lights (26 56)</b>		
Note: For airport aprons and parking areas.		
26 56 43 00-0001 Lithonia High Performance Flood Lights (26 56 43)		



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 43 00-0002 170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0001)</small> Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 56 43 00-0003 High Pressure Sodium 170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small>		
26 56 43 00-0004 EA 250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	1,231.35	115.48
26 56 43 00-0005 EA 400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	1,325.75	115.48
26 56 43 00-0006 EA 750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	1,330.36	115.48
26 56 43 00-0007 EA 1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	1,474.26	115.48
26 56 43 00-0008 Metal Halide 170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small>		
26 56 43 00-0009 EA 320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	1,414.39	115.48
26 56 43 00-0010 EA 350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	1,350.56	115.48
26 56 43 00-0011 EA 400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	1,290.06	115.48
26 56 43 00-0012 EA 1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	1,349.93	115.48
26 56 43 00-0013 Accessories For Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small> See CSI section 26 56 36 00-0099 for accessories.		
<b>26 56 68 Exterior Athletic Lighting <small>(26 56)</small></b>		
26 56 68 00-0001 Sports Lighting System (Musco®) <small>(26 56 68)</small>		
26 56 68 00-0002 Galvanized Steel Poles With Precast Concrete Base <small>(26 56 68 00-0001)</small> Note: Includes installation of base, pole and top assembly. Includes grounding.		
26 56 68 00-0003 EA 40' Galvanized Steel Pole With Precast Concrete Base (Musco®) .....	7,526.45	1,423.47
26 56 68 00-0004 EA 50' Galvanized Steel Pole With Precast Concrete Base (Musco®) .....	7,652.74	1,423.47
26 56 68 00-0005 EA 60' Galvanized Steel Pole With Precast Concrete Base (Musco®) .....	8,115.83	1,423.47
26 56 68 00-0006 EA 70' Galvanized Steel Pole With Precast Concrete Base (Musco®) .....	8,863.61	1,565.81
26 56 68 00-0007 EA 80' Galvanized Steel Pole With Precast Concrete Base (Musco®) .....	10,001.76	1,565.81
26 56 68 00-0008 Luminaires <small>(26 56 68 00-0001)</small> Note: Includes installation to pole top assembly, wiring and setup.		
26 56 68 00-0009 EA Pole Top Luminaire For New Installations (Musco® Light-Structure Green™) .....	2,491.37	34.43
26 56 68 00-0010 EA Pole Top Luminaire For Retrofit Applications (Musco® Light-Structure Green™) .....	2,422.51	34.43
26 56 68 00-0011 Accessories <small>(26 56 68 00-0001)</small>		
26 56 68 00-0012 EA Time Delay Kit (Musco®) .....	542.43	138.00
26 56 68 00-0013 EA Remote Switch Box Push Button (Musco®) .....	1,075.33	138.00
26 56 68 00-0014 EA Push Button Strobe Kit (Musco®) .....	1,288.49	138.00
26 56 68 00-0015 EA Additional Control-Link Unit (Musco®) .....	6,156.97	413.98
26 56 68 00-0016 EA Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®) .....	670.62	68.86
26 56 68 00-0017 EA Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®) .....	808.33	137.72

**END OF SECTION 26**

26	<b>26</b>	<b>Electrical</b>
	26 50	Lighting
	26 56	Exterior Lighting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

### 27 05 Common Work Results for Communications <sup>(27)</sup>

27 05 29 Hangers And Supports For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 33 Conduits And Backboxes For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 39 00-0000 for surface raceways.

27 05 43 Underground Ducts And Raceways For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 53 Identification For Communications Systems <sup>(27 05)</sup>

See CSI section 26 05 53 00-0000 for identification.

### 27 10 Structured Cabling <sup>(27)</sup>

Note: Includes testing.

#### 27 11 Communications Equipment Room Fittings <sup>(27 10)</sup>

##### 27 11 16 Communications Cabinets, Racks, Frames, And Enclosures <sup>(27 11)</sup>

###### 27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards <sup>(27 11 16)</sup>

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard.....	51.98	
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	25.33	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard.....	103.94	35.81
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	50.67	

###### 27 11 16 00-0004 Terminal Cabinets <sup>(27 11 16)</sup>

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	204.79	51.64
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	258.62	56.81
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	297.58	65.42
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	308.85	67.14
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	377.57	68.86
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard.....	467.36	77.47
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	478.41	75.74
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	614.77	107.90
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	657.69	118.58
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	794.37	125.26
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	656.09	103.29
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	709.55	111.89
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	884.65	143.44
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,062.35	179.30
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,204.41	177.31
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,383.52	215.73

###### 27 11 16 00-0021 Equipment Racks And Cable Managers <sup>(27 11 16)</sup>

###### 27 11 16 00-0022 Equipment Racks <sup>(27 11 16 00-0021)</sup>

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

###### 27 11 16 00-0023 Standard Equipment Racks <sup>(27 11 16 00-0022)</sup>

###### 27 11 16 00-0024 19" Width, Standard Equipment Racks <sup>(27 11 16 00-0023)</sup>

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03).....	371.24	110.18
		<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	7.55	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15).....	531.90	117.06
		<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	14.89	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08).....	575.75	123.94
		<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	16.39	

###### 27 11 16 00-0028 Universal Equipment Racks <sup>(27 11 16 00-0022)</sup>

###### 27 11 16 00-0029 Universal Equipment Racks <sup>(27 11 16 00-0028)</sup>

###### 27 11 16 00-0030 19" Width, EIA Universal Equipment Racks <sup>(27 11 16 00-0029)</sup>

**27 Communications****27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0031 EA 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31).....	504.86	96.40
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	15.60	
27 11 16 00-0032 EA 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20).....	555.06	98.12
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.94	
27 11 16 00-0033 EA 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19).....	553.47	99.85
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.69	
27 11 16 00-0034 EA 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00).....	568.09	101.56
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	18.25	
27 11 16 00-0035 EA 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01).....	582.53	103.29
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	18.80	
27 11 16 00-0036 EA 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02).....	598.23	105.01
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	19.41	
27 11 16 00-0037 EA 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03).....	601.66	106.73
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	14.41	
27 11 16 00-0038 EA 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05).....	628.69	108.45
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.59	
27 11 16 00-0039 EA 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15).....	651.93	110.18
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.58	
27 11 16 00-0040 EA 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17).....	672.13	111.89
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.42	
27 11 16 00-0041 EA 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08).....	676.41	113.62
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.46	
<b>27 11 16 00-0042 23" Width, Universal Equipment Racks (27 11 16 00-0029)</b>		
27 11 16 00-0043 EA 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31).....	536.88	96.40
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.20	
27 11 16 00-0044 EA 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20).....	556.25	98.12
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	18.00	
27 11 16 00-0045 EA 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19).....	573.19	99.85
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	18.68	
27 11 16 00-0046 EA 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00).....	605.59	101.56
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.12	
27 11 16 00-0047 EA 72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01).....	621.14	103.29
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.73	
27 11 16 00-0048 EA 78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02).....	638.11	105.01
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.40	
27 11 16 00-0049 EA 84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03).....	642.01	106.73
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	16.43	
27 11 16 00-0050 EA 90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05).....	671.02	108.45
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.71	
27 11 16 00-0051 EA 96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15).....	696.26	110.18
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	23.80	
27 11 16 00-0052 EA 102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17).....	718.21	111.89
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.72	
27 11 16 00-0053 EA 108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08).....	722.57	113.62
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.77	
<b>27 11 16 00-0054 35" Width, Universal Equipment Racks (27 11 16 00-0029)</b>		
27 11 16 00-0055 EA 72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01).....	675.42	103.29
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	23.44	
27 11 16 00-0056 EA 84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03).....	712.22	106.73
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.94	
<b>27 11 16 00-0057 UL Listed Universal Equipment Racks (27 11 16 00-0028)</b>		
Note: UL listed as a communications circuit accessory.		
<b>27 11 16 00-0058 19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)</b>		
27 11 16 00-0059 EA 36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31).....	536.07	96.40
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	17.16	
27 11 16 00-0060 EA 48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20).....	582.38	98.12
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	19.31	
27 11 16 00-0061 EA 60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19).....	591.19	99.85
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	19.58	
27 11 16 00-0062 EA 66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00).....	604.61	101.56
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.07	
27 11 16 00-0063 EA 72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01).....	620.11	103.29
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	20.68	
27 11 16 00-0064 EA 78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02).....	637.04	105.01
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.35	
27 11 16 00-0065 EA 84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03).....	653.28	106.73
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	21.99	
27 11 16 00-0066 EA 90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05).....	669.89	108.45
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.65	
27 11 16 00-0067 EA 96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15).....	695.10	110.18
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	23.74	
27 11 16 00-0068 EA 102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17).....	716.99	111.89
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.66	
27 11 16 00-0069 EA 108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08).....	721.29	113.62
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	24.70	





<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Equipment Room Fittings</b>	<b>27 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 11 16 00-0070</b> <b>23" Width, UL Listed Universal Equipment Racks</b> <small>(27 11 16 00-0057)</small>		
27 11 16 00-0071    EA    36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	571.32 18.93	96.40
27 11 16 00-0072    EA    48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	630.19 21.70	98.12
27 11 16 00-0073    EA    60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	637.99 21.92	99.85
27 11 16 00-0074    EA    66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	645.83 22.13	101.56
27 11 16 00-0075    EA    72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	662.58 22.80	103.29
27 11 16 00-0076    EA    78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	680.93 23.55	105.01
27 11 16 00-0077    EA    84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	698.46 24.25	106.73
27 11 16 00-0078    EA    90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	716.42 24.98	108.45
27 11 16 00-0079    EA    96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	743.84 26.18	110.18
27 11 16 00-0080    EA    102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	767.66 27.19	111.89
27 11 16 00-0081    EA    108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	772.18 27.25	113.62
<b>27 11 16 00-0082</b> <b>4-Post Equipment Racks And Server Frames</b> <small>(27 11 16 00-0022)</small>		
<b>27 11 16 00-0083</b> <b>4-Post Equipment Racks</b> <small>(27 11 16 00-0082)</small>		
27 11 16 00-0084    EA    19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,094.23 37.50	172.14
27 11 16 00-0085    EA    19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,199.01 42.05	179.03
27 11 16 00-0086    EA    19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,297.67 46.29	185.92
<b>27 11 16 00-0087</b> <b>4-Post Server Frame</b> <small>(27 11 16 00-0082)</small>		
27 11 16 00-0088    EA    19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,127.22 39.15	172.14
<b>27 11 16 00-0089</b> <b>Cable Managers</b> <small>(27 11 16 00-0021)</small>		
<b>27 11 16 00-0090</b> <b>Horizontal Cable Managers</b> <small>(27 11 16 00-0089)</small>		
<b>27 11 16 00-0091</b> <b>Single-Sided, Horizontal Cable Managers</b> <small>(27 11 16 00-0090)</small>		
27 11 16 00-0092    EA    1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719) ..... 27 11 16 00-0093    EA    1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723) ..... 27 11 16 00-0094    EA    1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701) ..... 27 11 16 00-0095    EA    2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719) ..... 27 11 16 00-0096    EA    2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723) ..... 27 11 16 00-0097    EA    2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702) ..... 27 11 16 00-0098    EA    3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719) ..... 27 11 16 00-0099    EA    3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723) ..... 27 11 16 00-0100    EA    3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703) .....	64.81 72.55 53.55 65.97 77.96 59.67 90.12 103.05 71.91	6.89 6.89 6.89 6.89 6.89 6.89 6.89 6.89 6.89
<b>27 11 16 00-0101</b> <b>Double-Sided, Horizontal Cable Managers</b> <small>(27 11 16 00-0090)</small>		
27 11 16 00-0102    EA    1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719) ..... 27 11 16 00-0103    EA    1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723) ..... 27 11 16 00-0104    EA    2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719) ..... 27 11 16 00-0105    EA    2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723) ..... 27 11 16 00-0106    EA    3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719) ..... 27 11 16 00-0107    EA    3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723) .....	81.31 91.51 85.73 100.34 111.92 125.74	6.89 6.89 6.89 6.89 6.89 6.89
<b>27 11 16 00-0108</b> <b>Vertical Cable Managers</b> <small>(27 11 16 00-0089)</small>		
<b>27 11 16 00-0109</b> <b>Single-Sided, Vertical Cable Managers</b> <small>(27 11 16 00-0108)</small>		
27 11 16 00-0110    EA    3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)..... 27 11 16 00-0111    EA    6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)..... 27 11 16 00-0112    EA    10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)..... 27 11 16 00-0113    EA    12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)..... 27 11 16 00-0114    EA    3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)..... 27 11 16 00-0115    EA    6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)..... 27 11 16 00-0116    EA    10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)..... 27 11 16 00-0117    EA    12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)..... 27 11 16 00-0118    EA    3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)..... 27 11 16 00-0119    EA    6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)..... 27 11 16 00-0120    EA    10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)..... 27 11 16 00-0121    EA    12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715).....	147.65 210.38 341.96 387.86 158.36 227.21 372.56 418.46 179.78 250.16 418.46 464.36	10.33 10.33 10.33 10.33 10.33 10.33 10.33 10.33 10.33 10.33 10.33 10.33

<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 11</b>	<b>Communications Equipment Room Fittings</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

27 11 16 00-0122		Double-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>	
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701).....	216.50 10.33
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701).....	256.28 10.33
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701).....	418.46 10.33
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701).....	494.96 10.33
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703).....	234.86 10.33
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703).....	274.64 10.33
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703).....	449.06 10.33
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703).....	525.56 10.33
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715).....	259.34 10.33
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715).....	299.12 10.33
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715).....	494.96 10.33
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715).....	571.46 10.33

27 11 16 00-0135		Accessories For Vertical Cable Managers <small>(27 11 16 00-0108)</small>	
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716) .....	90.27 6.89
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717) .....	96.39 6.89
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718) .....	102.51 6.89
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726) .....	93.33 6.89
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727) .....	102.51 6.89
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728) .....	111.69 6.89
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746) .....	105.57 6.89
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747) .....	114.75 6.89
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748) .....	123.93 6.89
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756) .....	111.69 6.89
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757) .....	123.93 6.89
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758) .....	133.11 6.89
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001) .....	74.97 6.89
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701) .....	87.21 6.89
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001).....	91.34 6.89
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001).....	56.61 6.89

### 27 11 19 Communications Termination Blocks And Patch Panels (27 11)

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications.

27 11 19 00-0001		Telephone Components <small>(27 11 19)</small>	
27 11 19 00-0002			
27 11 19 00-0003	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG.....	19.74 6.90
27 11 19 00-0004	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amp With Wire Range 22-8 AWG.....	36.40 6.90
27 11 19 00-0005	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amp With Wire Range 22-8 AWG.....	29.58 6.90
27 11 19 00-0006	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG.....	15.42 6.90
27 11 19 00-0007	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG .....	10.95 4.83
27 11 19 00-0008	EA	Ground Terminal Block With Wire Range 22-8 AWG.....	20.46 6.90
27 11 19 00-0009	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amp With Wire Range 22-8 AWG .....	15.42 6.90
27 11 19 00-0010	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amp With Wire Range 22-8 AWG .....	10.84 4.83
27 11 19 00-0011	EA	Flat Terminal Block Connection 300 Volt, 20 Amp With Wire Range 22-8 AWG.....	10.77 4.83
27 11 19 00-0012	EA	Self Lifting Terminal Block, 300 Volt, 40 Amp Wire Connection With Wire Range 22-12 AWG.....	11.10 4.83

27 11 19 00-0013		Terminal Block Mounting Channel <small>(27 11 19 00-0001)</small>	
27 11 19 00-0014	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel .....	10.39 3.45
27 11 19 00-0015	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel .....	13.23 3.45
27 11 19 00-0016	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel .....	18.21 3.45
27 11 19 00-0017	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc .....	13.22 4.14
27 11 19 00-0018	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc .....	17.92 4.14
27 11 19 00-0019	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc .....	25.65 4.14
27 11 19 00-0020	EA	Mud Ring For Telecommunications .....	13.67 3.45

27 11 19 00-0021		Outlet Termination Hardware <small>(27 11 19 00-0001)</small>	
27 11 19 00-0022	EA	Telephone Outlet Blocks.....	19.42 3.45
27 11 19 00-0023	EA	Phone Outlet Block For Floor Box.....	57.41 26.17
		Note: Excludes box.	
27 11 19 00-0024	EA	Fiber Optic "SC" Type Modular Bulkhead.....	49.04 15.49
27 11 19 00-0025	EA	Fiber Optic "ST" Type Modular Bulkhead .....	49.04 15.49
27 11 19 00-0026	EA	Type "F" Coaxial Connector Male.....	28.94 10.33
27 11 19 00-0027	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector .....	72.81 17.22
27 11 19 00-0028	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector .....	72.81 17.22
27 11 19 00-0029	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	87.11 17.22
27 11 19 00-0030	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector .....	87.11 17.22
27 11 19 00-0031	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector .....	79.59 17.22
27 11 19 00-0032	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5.....	677.89 86.07
27 11 19 00-0033	EA	Eight Conductor Modular Jack, Category III .....	28.96 12.05
		Note: Installation of the jack as well as conductor termination is included in price.	



<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Equipment Room Fittings</b>	<b>27 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0034 EA Eight Conductor Modular Jack, Category V.....	30.32	12.05
Note: Installation of the jack as well as conductor termination is included in price.		
27 11 19 00-0035 EA Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V.....	34.29	6.89
Note: Excludes cable terminations.		
27 11 19 00-0036 EA Connecting Block, 5-Pair.....	2.08	0.69
27 11 19 00-0037 EA Connecting Block, 4-Pair.....	2.02	0.69
27 11 19 00-0038 EA Plastic Label Holder, Transparent.....	8.48	1.72
27 11 19 00-0039 EA Marked Label, White, 5-Pair.....	2.33	
27 11 19 00-0040 EA Marked Label, Blue, 4-Pair.....	2.33	

27 14 Communications Cabling (27 10)

**27 14 13 Communications Copper Cabling (27 14)**

**27 14 13 13 Communications Copper Cable Splicing and Terminations (27 14 13)**

**27 14 13 13-0001 Building Entrance Terminals (27 14 13 13)**

27 14 13 13-0002 EA 25 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,289.61	151.09
27 14 13 13-0003 EA 50 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,737.34	251.81
27 14 13 13-0004 EA 100 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	2,475.96	403.21

**27 14 13 16 Communications Copper Cabling (27 14 13)**

**27 14 13 16-0001 Solid Conductor Low Voltage Cable (27 14 13 16)**

**27 14 13 16-0002 Shielded, Low Voltage Cable, Pulled In Conduit (27 14 13 16-0001)**

**27 14 13 16-0003 #12 AWG Low Voltage Cable, Pulled In Conduit, Shielded (27 14 13 16-0002)**

27 14 13 16-0004 MLF 1 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	1,523.30	623.23
For Installation On Exposed Surface, Deduct	-207.76	
For #10 AWG, Add	367.65	
27 14 13 16-0005 MLF 2 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	1,969.83	645.27
For Installation On Exposed Surface, Deduct	-215.15	
For #10 AWG, Add	510.20	
27 14 13 16-0006 MLF 3 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	2,358.52	667.93
For Installation On Exposed Surface, Deduct	-222.58	
For #10 AWG, Add	633.64	
27 14 13 16-0007 MLF 4 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	2,770.63	690.59
For Installation On Exposed Surface, Deduct	-230.27	
For #10 AWG, Add	764.64	
27 14 13 16-0008 MLF 5 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	3,199.83	737.18
For Installation On Exposed Surface, Deduct	-245.80	
For #10 AWG, Add	896.18	
27 14 13 16-0009 MLF 6 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	3,588.14	783.13
For Installation On Exposed Surface, Deduct	-261.11	
For #10 AWG, Add	1,014.36	
27 14 13 16-0010 MLF 8 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	3,863.92	876.30
For Installation On Exposed Surface, Deduct	-292.05	
For #10 AWG, Add	1,085.26	
27 14 13 16-0011 MLF 12 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	5,129.85	1,155.18
For Installation On Exposed Surface, Deduct	-384.99	
For #10 AWG, Add	1,442.61	
27 14 13 16-0012 MLF 24 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	7,650.00	1,706.02
For Installation On Exposed Surface, Deduct	-568.53	
For #10 AWG, Add	2,154.96	

**27 14 13 16-0013 #14 AWG Low Voltage Cable, Pulled In Conduit, Shielded (27 14 13 16-0002)**

27 14 13 16-0014 MLF 1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	1,371.34	545.17
For Installation On Exposed Surface, Deduct	-181.68	
27 14 13 16-0015 MLF 2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	1,795.40	564.69
For Installation On Exposed Surface, Deduct	-188.23	
27 14 13 16-0016 MLF 3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	2,164.04	584.20
For Installation On Exposed Surface, Deduct	-194.78	
27 14 13 16-0017 MLF 4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	2,554.44	604.35
For Installation On Exposed Surface, Deduct	-201.45	
27 14 13 16-0018 MLF 5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	2,958.31	645.27
For Installation On Exposed Surface, Deduct	-215.05	
27 14 13 16-0019 MLF 6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	3,322.89	685.55
For Installation On Exposed Surface, Deduct	-228.39	
27 14 13 16-0020 MLF 8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	3,574.57	766.76
For Installation On Exposed Surface, Deduct	-255.59	
27 14 13 16-0021 MLF 12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	4,746.17	1,010.38
For Installation On Exposed Surface, Deduct	-336.80	
27 14 13 16-0022 MLF 24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	7,081.17	1,492.61
For Installation On Exposed Surface, Deduct	-497.58	

**27 14 13 16-0023 #16 AWG Low Voltage Cable, Pulled In Conduit, Shielded (27 14 13 16-0002)**

27 14 13 16-0024 MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable .....	1,219.11	486.62
For Installation On Exposed Surface, Deduct	-162.29	

<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 14</b>	<b>Communications Cabling</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0025 MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,494.56 -168.08	504.25
27 14 13 16-0026 MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,917.43 -173.88	521.87
27 14 13 16-0027 MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,262.05 -179.92	539.51
27 14 13 16-0028 MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,618.27 -192.01	576.02
27 14 13 16-0029 MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,940.36 -203.97	611.90
27 14 13 16-0030 MLF 7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,051.74 -216.05	648.42
27 14 13 16-0031 MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,163.75 -228.27	684.93
27 14 13 16-0032 MLF 9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,573.22 -242.74	728.36
27 14 13 16-0033 MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,200.19 -300.72	902.11
27 14 13 16-0034 MLF 24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,266.13 -444.26	1,332.71
<b>27 14 13 16-0035 #18 AWG Low Voltage Cable, Pulled In Conduit, Shielded</b> (27 14 13 16-0002)		
27 14 13 16-0036 MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,001.72 -142.78	428.71
27 14 13 16-0037 MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,270.86 -147.94	443.81
27 14 13 16-0038 MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,505.53 -153.10	458.93
27 14 13 16-0039 MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,753.34 -158.26	474.66
27 14 13 16-0040 MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,015.69 -168.96	506.77
27 14 13 16-0041 MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,253.78 -179.54	538.24
27 14 13 16-0042 MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,432.12 -200.82	602.45
27 14 13 16-0043 MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,227.28 -264.65	793.84
27 14 13 16-0044 MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,810.72 -390.94	1,172.81
<b>27 14 13 16-0045 #20 AWG Low Voltage Cable, Pulled In Conduit, Shielded</b> (27 14 13 16-0002)		
27 14 13 16-0046 MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	870.24 -129.81	389.68
27 14 13 16-0047 MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,081.73 -134.47	403.53
27 14 13 16-0048 MLF 3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,264.32 -139.13	417.69
27 14 13 16-0049 MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,456.81 -143.91	431.86
27 14 13 16-0050 MLF 5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,667.49 -153.54	460.82
27 14 13 16-0051 MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,857.97 -163.17	489.77
27 14 13 16-0052 MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,026.18 -182.56	547.68
27 14 13 16-0053 MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,666.24 -240.61	722.06
27 14 13 16-0054 MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,971.96 -355.43	1,066.42
27 14 13 16-0055 MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,261.83 -363.87	1,091.60
27 14 13 16-0056 MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,111.28 -423.67	1,271.01
27 14 13 16-0057 MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,487.51 -453.51	1,360.41
27 14 13 16-0058 MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,480.03 -566.70	1,700.35
27 14 13 16-0059 MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	8,890.76 -746.11	2,238.59
<b>27 14 13 16-0060 #22 AWG Low Voltage Cable, Pulled In Conduit, Shielded</b> (27 14 13 16-0002)		
27 14 13 16-0061 MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	699.92 -116.84	350.64
27 14 13 16-0062 MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	763.32 -120.99	363.23
27 14 13 16-0063 MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	843.61 -125.28	375.82
27 14 13 16-0064 MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable..... <i>For Installation On Exposed Surface, Deduct</i>	931.99 -129.56	388.42



<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Cabling</b>	<b>27 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0065 MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable ..... <i>For Installation On Exposed Surface, Deduct</i>	1,055.82 -138.24	414.85
27 14 13 16-0066 MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable ..... <i>For Installation On Exposed Surface, Deduct</i>	1,182.54 -146.55	439.41
<b>27 14 13 16-0067 Triad</b> <small>(27 14 13 16-0002)</small>		
27 14 13 16-0068 MLF 1 Triad #16 AWG, Stranded, Low Voltage, Placed In Conduit.....	1,722.28	521.87
27 14 13 16-0069 MLF 4 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	2,228.66	722.06
27 14 13 16-0070 MLF 8 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	3,504.53	1,066.42
27 14 13 16-0071 MLF 12 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	4,385.55	1,271.01
27 14 13 16-0072 MLF 24 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	7,222.31	1,969.16
27 14 13 16-0073 MLF 36 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	8,318.91	2,238.59
<b>27 14 13 16-0074 Shielded, Low Voltage Cable Buried In Trench</b> <small>(27 14 13 16-0001)</small> Note: Excludes excavation.		
27 14 13 16-0075 MLF 1 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	1,296.71	
27 14 13 16-0076 MLF 2 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	1,717.29	
27 14 13 16-0077 MLF 3 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	2,083.21	
27 14 13 16-0078 MLF 4 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	2,471.45	
27 14 13 16-0079 MLF 5 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	2,869.29	
27 14 13 16-0080 MLF 6 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable .....	3,228.73	
<b>27 14 13 16-0081 Shielded, Low Voltage Cable Installed On Poles, Aerially</b> <small>(27 14 13 16-0001)</small>		
27 14 13 16-0082 MLF 1 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	1,347.22	339.19
27 14 13 16-0083 MLF 2 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	1,801.72	363.39
27 14 13 16-0084 MLF 3 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	2,387.84	459.40
27 14 13 16-0085 MLF 4 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	2,932.51	531.36
27 14 13 16-0086 MLF 5 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	4,712.79	605.64
27 14 13 16-0087 MLF 6 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable .....	5,646.76	773.74
<b>27 14 13 16-0088 Non-Shielded Low Voltage Cable Pulled In Conduit</b> <small>(27 14 13 16-0001)</small>		
<b>27 14 13 16-0089 #14 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded</b> <small>(27 14 13 16-0088)</small>		
27 14 13 16-0090 MLF 1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	1,375.22 -181.68	545.17
27 14 13 16-0091 MLF 2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	1,802.56 -188.23	564.69
27 14 13 16-0092 MLF 3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,174.01 -194.77	584.20
27 14 13 16-0093 MLF 4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,567.41 -201.45	604.35
27 14 13 16-0094 MLF 5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,972.84 -214.79	644.63
27 14 13 16-0095 MLF 6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	3,340.54 -228.27	684.93
27 14 13 16-0096 MLF 8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	3,593.82 -255.59	766.76
27 14 13 16-0097 MLF 12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	4,771.84 -336.80	1,010.38
27 14 13 16-0098 MLF 24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	7,119.67 -497.58	1,492.61
<b>27 14 13 16-0099 #16 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded</b> <small>(27 14 13 16-0088)</small>		
27 14 13 16-0100 MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	1,222.53 -162.29	486.62
27 14 13 16-0101 MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	1,598.99 -168.08	504.25
27 14 13 16-0102 MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	1,926.22 -173.88	521.87
27 14 13 16-0103 MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,273.47 -179.92	539.51
27 14 13 16-0104 MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,631.54 -191.88	575.39
27 14 13 16-0105 MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	2,956.46 -203.97	611.90
27 14 13 16-0106 MLF 7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	3,068.27 -216.05	648.42
27 14 13 16-0107 MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	3,312.53 -228.27	684.93
27 14 13 16-0108 MLF 9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	3,746.73 -242.73	728.36
27 14 13 16-0109 MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	4,222.79 -300.72	902.11
27 14 13 16-0110 MLF 24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded ..... <i>For Installation On Exposed Surface, Deduct</i>	6,300.35 -444.32	1,332.71

<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 14</b>	<b>Communications Cabling</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 14 13 16-0111 #18 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded</b> (27 14 13 16-0088)		
27 14 13 16-0112 MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,056.96	428.07
For Installation On Exposed Surface, Deduct	-142.78	
27 14 13 16-0113 MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,354.88	443.81
For Installation On Exposed Surface, Deduct	-147.94	
27 14 13 16-0114 MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,522.65	459.55
For Installation On Exposed Surface, Deduct	-153.10	
27 14 13 16-0115 MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,761.40	474.66
For Installation On Exposed Surface, Deduct	-158.26	
27 14 13 16-0116 MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,004.19	506.77
For Installation On Exposed Surface, Deduct	-168.96	
27 14 13 16-0117 MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,246.36	538.88
For Installation On Exposed Surface, Deduct	-179.54	
27 14 13 16-0118 MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,849.63	602.45
For Installation On Exposed Surface, Deduct	-200.82	
27 14 13 16-0119 MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,664.26	793.84
For Installation On Exposed Surface, Deduct	-264.65	
27 14 13 16-0120 MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	5,503.76	1,172.81
For Installation On Exposed Surface, Deduct	-390.94	
<b>27 14 13 16-0121 #20 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded</b> (27 14 13 16-0088)		
27 14 13 16-0122 MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	891.21	389.68
For Installation On Exposed Surface, Deduct	-129.81	
27 14 13 16-0123 MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,085.16	403.53
For Installation On Exposed Surface, Deduct	-134.47	
27 14 13 16-0124 MLF 3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,338.97	459.55
For Installation On Exposed Surface, Deduct	-153.10	
27 14 13 16-0125 MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,462.99	431.86
For Installation On Exposed Surface, Deduct	-143.91	
27 14 13 16-0126 MLF 5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,752.15	506.77
For Installation On Exposed Surface, Deduct	-168.96	
27 14 13 16-0127 MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,948.56	538.88
For Installation On Exposed Surface, Deduct	-179.54	
27 14 13 16-0128 MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,122.40	599.68
For Installation On Exposed Surface, Deduct	-199.94	
27 14 13 16-0129 MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,678.50	722.06
For Installation On Exposed Surface, Deduct	-240.61	
27 14 13 16-0130 MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,990.36	1,066.42
For Installation On Exposed Surface, Deduct	-355.43	
27 14 13 16-0131 MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	4,282.31	1,091.60
For Installation On Exposed Surface, Deduct	-363.87	
27 14 13 16-0132 MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	5,136.37	1,271.01
For Installation On Exposed Surface, Deduct	-423.67	
27 14 13 16-0133 MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	5,514.51	1,360.41
For Installation On Exposed Surface, Deduct	-453.51	
27 14 13 16-0134 MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	6,510.60	1,700.35
For Installation On Exposed Surface, Deduct	-566.70	
27 14 13 16-0135 MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	8,934.02	2,238.59
For Installation On Exposed Surface, Deduct	-746.11	
<b>27 14 13 16-0136 #22 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded</b> (27 14 13 16-0088)		
27 14 13 16-0137 MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	744.76	350.64
For Installation On Exposed Surface, Deduct	-116.84	
27 14 13 16-0138 MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	824.68	363.23
For Installation On Exposed Surface, Deduct	-120.99	
27 14 13 16-0139 MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	938.77	375.82
For Installation On Exposed Surface, Deduct	-125.28	
27 14 13 16-0140 MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,066.59	388.42
For Installation On Exposed Surface, Deduct	-129.56	
27 14 13 16-0141 MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,209.58	414.85
For Installation On Exposed Surface, Deduct	-138.24	
27 14 13 16-0142 MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,372.21	439.41
For Installation On Exposed Surface, Deduct	-146.55	
<b>27 14 13 16-0143 Shielded Plenum Rated, Low Voltage Cable, Pulled In Conduit</b> (27 14 13 16-0001)		
27 14 13 16-0144 MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,179.60	486.62
27 14 13 16-0145 MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,706.08	504.25
27 14 13 16-0146 MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,060.53	521.87
27 14 13 16-0147 MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,220.59	539.51
27 14 13 16-0148 MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,907.77	575.39
27 14 13 16-0149 MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	3,183.99	611.90
27 14 13 16-0150 MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,257.72	684.93
27 14 13 16-0151 MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	5,116.59	902.11
27 14 13 16-0152 MLF 24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	7,891.69	1,332.71



<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Cabling</b>	<b>27 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0153	MLF	1	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	992.12	428.07
27 14 13 16-0154	MLF	2	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,421.35	443.81
27 14 13 16-0155	MLF	3	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,767.45	459.55
27 14 13 16-0156	MLF	4	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,912.71	474.66
27 14 13 16-0157	MLF	5	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,495.93	506.77
27 14 13 16-0158	MLF	6	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,905.91	538.88
27 14 13 16-0159	MLF	8	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	3,302.29	602.45
27 14 13 16-0160	MLF	12	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,214.71	793.84
27 14 13 16-0161	MLF	24	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	7,055.39	1,172.81
27 14 13 16-0162	MLF	1	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	839.49	389.68
27 14 13 16-0163	MLF	2	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,098.24	403.53
27 14 13 16-0164	MLF	3	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,347.56	417.37
27 14 13 16-0165	MLF	4	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,486.53	431.86
27 14 13 16-0166	MLF	5	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,650.06	460.82
27 14 13 16-0167	MLF	6	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,847.51	489.77
27 14 13 16-0168	MLF	8	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,071.07	547.68
27 14 13 16-0169	MLF	12	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,968.98	722.06
27 14 13 16-0170	MLF	24	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,613.89	1,066.42
27 14 13 16-0171	MLF	25	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,975.99	1,091.60
27 14 13 16-0172	MLF	36	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	5,968.42	1,271.01
27 14 13 16-0173	MLF	40	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	6,429.32	1,360.41
27 14 13 16-0174	MLF	50	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	7,546.58	1,700.35
27 14 13 16-0175	MLF	100	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	10,400.05	2,238.59
27 14 13 16-0176	MLF	250	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	20,916.61	4,123.39
27 14 13 16-0177	MLF	500	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	33,989.91	5,456.74
27 14 13 16-0178	MLF	750	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	46,946.30	6,876.32
27 14 13 16-0179	MLF	1200	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	66,954.64	9,432.19
27 14 13 16-0180	MLF	1	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	770.87	389.68
27 14 13 16-0181	MLF	2	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	944.77	403.53
27 14 13 16-0182	MLF	3	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,112.66	417.37
27 14 13 16-0183	MLF	4	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,210.17	431.86
27 14 13 16-0184	MLF	5	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,332.25	460.82
27 14 13 16-0185	MLF	6	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,475.78	489.77
27 14 13 16-0186	MLF	8	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	1,653.71	547.68
27 14 13 16-0187	MLF	12	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	2,332.68	722.06
27 14 13 16-0188	MLF	24	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	3,591.76	1,066.42
27 14 13 16-0189	MLF	25	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	3,838.58	1,091.60
27 14 13 16-0190	MLF	36	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,592.83	1,271.01
27 14 13 16-0191	MLF	40	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	4,929.73	1,360.41
27 14 13 16-0192	MLF	50	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	5,848.34	1,700.35
27 14 13 16-0193	MLF	100	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	7,996.88	2,238.59
27 14 13 16-0194	MLF	250	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	15,830.88	4,123.39
27 14 13 16-0195	MLF	500	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	25,010.97	5,456.74
27 14 13 16-0196	MLF	750	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	34,147.80	6,876.32
27 14 13 16-0197	MLF	1200	Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded.....	48,477.66	9,432.19
27 14 13 16-0198			<b>Non-Shielded Plenum Rated, Low Voltage Cable, Pulled In Conduit (27 14 13 16-0001)</b>		
27 14 13 16-0199	MLF	1	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,261.70	486.62
27 14 13 16-0200	MLF	2	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,647.74	504.25
27 14 13 16-0201	MLF	3	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,863.00	521.87
27 14 13 16-0202	MLF	4	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,172.04	539.51
27 14 13 16-0203	MLF	5	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,481.52	575.39
27 14 13 16-0204	MLF	6	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,789.72	611.90
27 14 13 16-0205	MLF	8	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,563.29	684.93
27 14 13 16-0206	MLF	12	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,577.96	902.11
27 14 13 16-0207	MLF	24	Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	6,879.20	1,332.71
27 14 13 16-0208	MLF	1	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,096.59	428.07
27 14 13 16-0209	MLF	2	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,425.92	443.81
27 14 13 16-0210	MLF	3	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,610.09	459.55
27 14 13 16-0211	MLF	4	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,873.45	474.66
27 14 13 16-0212	MLF	5	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,138.10	506.77
27 14 13 16-0213	MLF	6	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,402.13	538.88
27 14 13 16-0214	MLF	8	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,062.77	602.45
27 14 13 16-0215	MLF	12	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,936.20	793.84
27 14 13 16-0216	MLF	24	Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,913.65	1,172.81
27 14 13 16-0217	MLF	1	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	919.18	389.68
27 14 13 16-0218	MLF	2	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,200.19	403.53
27 14 13 16-0219	MLF	3	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,381.85	417.37
27 14 13 16-0220	MLF	4	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,751.65	431.86
27 14 13 16-0221	MLF	5	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,016.27	460.82
27 14 13 16-0222	MLF	6	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,624.26	489.77
27 14 13 16-0223	MLF	8	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,931.11	547.68
27 14 13 16-0224	MLF	12	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,593.94	722.06
27 14 13 16-0225	MLF	24	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,503.24	1,066.42
27 14 13 16-0226	MLF	25	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,963.45	1,091.60
27 14 13 16-0227	MLF	36	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	7,196.76	1,271.01
27 14 13 16-0228	MLF	40	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	7,731.19	1,360.41
27 14 13 16-0229	MLF	50	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	9,020.91	1,700.35
27 14 13 16-0230	MLF	100	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	12,486.38	2,238.59
27 14 13 16-0231	MLF	250	Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	25,332.96	4,123.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0232 MLF 500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	41,786.57	5,456.74
27 14 13 16-0233 MLF 750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	58,058.32	6,876.32
27 14 13 16-0234 MLF 1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	82,997.04	9,431.56
27 14 13 16-0235 MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	821.84	389.68
27 14 13 16-0236 MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,010.00	403.53
27 14 13 16-0237 MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,134.61	417.37
27 14 13 16-0238 MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,379.76	431.86
27 14 13 16-0239 MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,566.50	460.82
27 14 13 16-0240 MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,972.66	489.77
27 14 13 16-0241 MLF 8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,203.88	547.68
27 14 13 16-0242 MLF 12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,732.45	722.06
27 14 13 16-0243 MLF 24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,160.65	1,066.42
27 14 13 16-0244 MLF 25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,470.23	1,091.60
27 14 13 16-0245 MLF 36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,366.88	1,271.01
27 14 13 16-0246 MLF 40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,762.52	1,360.41
27 14 13 16-0247 MLF 50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	6,791.43	1,700.35
27 14 13 16-0248 MLF 100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	9,331.46	2,238.59
27 14 13 16-0249 MLF 250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	18,655.70	4,123.39
27 14 13 16-0250 MLF 500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	29,998.36	5,456.74
27 14 13 16-0251 MLF 750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	41,256.67	6,876.32
27 14 13 16-0252 MLF 1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	58,741.26	9,432.19
<b>27 14 13 16-0253</b>	<b>Copper Telecommunications Cable</b> (27 14 13 16)	
<b>27 14 13 16-0254</b>	<b>Indoor Telecommunications Cable</b> (27 14 13 16-0253) Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Telecommunications cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.	
<b>27 14 13 16-0255</b>	<b>Category 3, Indoor Telecommunications Cable</b> (27 14 13 16-0254) Note: Un-shielded twisted pair cables (UTP).	
<b>27 14 13 16-0256</b>	<b>Category 3, Indoor Telecommunications Riser Cable</b> (27 14 13 16-0255)	
<b>27 14 13 16-0257</b>	<b>24 AWG, Category 3, Indoor Telecommunications Riser Cable</b> (27 14 13 16-0256)	
<b>27 14 13 16-0258</b>	<b>24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit</b> (27 14 13 16-0257)	
27 14 13 16-0259 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	562.86	289.21
27 14 13 16-0260 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	597.26	289.21
27 14 13 16-0261 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	609.30	289.21
27 14 13 16-0262 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	746.97	330.52
27 14 13 16-0263 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	999.84	330.52
27 14 13 16-0264 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,402.36	330.52
27 14 13 16-0265 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,300.39	413.15
27 14 13 16-0266 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	4,206.67	661.04
27 14 13 16-0267 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	5,782.45	743.67
27 14 13 16-0268 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	7,776.22	826.31
27 14 13 16-0269 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	11,402.78	1,156.83
27 14 13 16-0270 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	14,994.86	1,429.51
27 14 13 16-0271 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	23,481.17	1,983.13
27 14 13 16-0272 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	37,752.54	3,966.26
27 14 13 16-0273 MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	51,034.78	5,949.39
<b>27 14 13 16-0274</b>	<b>24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed</b> (27 14 13 16-0257)	
27 14 13 16-0275 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,044.87	578.41
27 14 13 16-0276 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,079.27	578.41
27 14 13 16-0277 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,091.31	578.41
27 14 13 16-0278 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,160.12	578.41
27 14 13 16-0279 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,412.99	578.41
27 14 13 16-0280 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,953.23	661.04
27 14 13 16-0281 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,988.98	826.31
27 14 13 16-0282 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	4,757.54	991.56
27 14 13 16-0283 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	6,402.18	1,115.51
27 14 13 16-0284 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	8,464.81	1,239.46
27 14 13 16-0285 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	12,366.80	1,735.23
27 14 13 16-0286 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	16,193.00	2,148.39
27 14 13 16-0287 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	25,133.78	2,974.69
27 14 13 16-0288 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	41,057.75	5,949.39
27 14 13 16-0289 MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	55,992.61	8,924.09
<b>27 14 13 16-0290</b>	<b>22 AWG, Category 3, Indoor Telecommunications Riser Cable</b> (27 14 13 16-0256)	
<b>27 14 13 16-0291</b>	<b>22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit</b> (27 14 13 16-0290)	
27 14 13 16-0292 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,363.42	330.52
27 14 13 16-0293 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	3,565.92	413.15





<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Cabling</b>	<b>27 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0294 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit .....	6,566.06	661.04
27 14 13 16-0295 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit .....	11,862.68	826.31
27 14 13 16-0296 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit .....	17,574.77	1,156.83
27 14 13 16-0297 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit .....	22,936.18	1,429.51
27 14 13 16-0298 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit .....	33,905.97	1,983.13
<b>27 14 13 16-0299 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed</b> <small>(27 14 13 16-0290)</small>		
27 14 13 16-0300 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	2,914.29	661.04
27 14 13 16-0301 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	4,254.51	826.31
27 14 13 16-0302 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	7,116.93	991.56
27 14 13 16-0303 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	12,551.27	1,239.46
27 14 13 16-0304 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	18,538.79	1,735.23
27 14 13 16-0305 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	24,134.32	2,148.39
27 14 13 16-0306 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed .....	35,558.58	2,974.69
<b>27 14 13 16-0307 Category 3, Indoor Telecommunications Plenum Cable</b> <small>(27 14 13 16-0255)</small>		
<b>27 14 13 16-0308 24 AWG, Category 3, Indoor Telecommunications Plenum Cable</b> <small>(27 14 13 16-0307)</small>		
<b>27 14 13 16-0309 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit</b> <small>(27 14 13 16-0308)</small>		
27 14 13 16-0310 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	585.23	289.21
27 14 13 16-0311 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	619.62	289.21
27 14 13 16-0312 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	643.71	289.21
27 14 13 16-0313 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	783.10	330.52
27 14 13 16-0314 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	1,046.28	330.52
27 14 13 16-0315 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	1,763.59	330.52
27 14 13 16-0316 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	3,024.59	413.15
27 14 13 16-0317 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	5,775.46	661.04
27 14 13 16-0318 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	10,167.28	826.31
27 14 13 16-0319 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	15,281.77	1,156.83
<b>27 14 13 16-0320 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed</b> <small>(27 14 13 16-0308)</small>		
27 14 13 16-0321 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,067.24	578.41
27 14 13 16-0322 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,101.63	578.41
27 14 13 16-0323 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,125.72	578.41
27 14 13 16-0324 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,196.25	578.41
27 14 13 16-0325 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,459.43	578.41
27 14 13 16-0326 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	2,314.46	661.04
27 14 13 16-0327 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	3,713.18	826.31
27 14 13 16-0328 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	6,326.33	991.56
27 14 13 16-0329 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	10,855.87	1,239.46
27 14 13 16-0330 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed .....	16,245.79	1,735.23
<b>27 14 13 16-0331 Category 5E, Indoor Telecommunications Cable</b> <small>(27 14 13 16-0254)</small>		
<b>27 14 13 16-0332 Category 5E, Indoor Telecommunications Riser Cable</b> <small>(27 14 13 16-0331)</small>		
<b>27 14 13 16-0333 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit</b> <small>(27 14 13 16-0332)</small>		
27 14 13 16-0334 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit .....	671.23	289.21
27 14 13 16-0335 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit .....	715.67	289.21
27 14 13 16-0336 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit .....	785.40	330.52
27 14 13 16-0337 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit .....	830.11	330.52
<b>27 14 13 16-0338 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed</b> <small>(27 14 13 16-0332)</small>		
27 14 13 16-0339 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed .....	1,153.24	578.41
27 14 13 16-0340 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed .....	1,197.68	578.41
27 14 13 16-0341 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed .....	1,336.27	661.04
27 14 13 16-0342 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed .....	1,380.98	661.04
<b>27 14 13 16-0343 Category 5E, Indoor Telecommunications Plenum Cable</b> <small>(27 14 13 16-0331)</small>		
<b>27 14 13 16-0344 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit</b> <small>(27 14 13 16-0343)</small>		
27 14 13 16-0345 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	819.16	289.21
27 14 13 16-0346 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	1,219.31	330.52
<b>27 14 13 16-0347 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed</b> <small>(27 14 13 16-0343)</small>		
27 14 13 16-0348 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,301.17	578.41
27 14 13 16-0349 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed .....	1,770.18	661.04

<b>27</b>	<b>27</b>	<b>Communications</b>
	<b>27 10</b>	<b>Structured Cabling</b>
	<b>27 14</b>	<b>Communications Cabling</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 14 13 16-0350			Category 6, Indoor Telecommunications Cable <small>(27 14 13 16-0254)</small>		
27 14 13 16-0351			Category 6, Indoor Telecommunications Riser Cable <small>(27 14 13 16-0350)</small>		
27 14 13 16-0352			Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 14 13 16-0351)</small>		
27 14 13 16-0353	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	781.32	289.21
27 14 13 16-0354	MLF		4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	814.78	289.21
27 14 13 16-0355			Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 14 13 16-0351)</small>		
27 14 13 16-0356	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,263.33	578.41
27 14 13 16-0357	MLF		4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,296.79	578.41
27 14 13 16-0358			Category 6, Indoor Telecommunications Plenum Cable <small>(27 14 13 16-0350)</small>		
27 14 13 16-0359			Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 14 13 16-0358)</small>		
27 14 13 16-0360	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	1,090.95	289.21
27 14 13 16-0361			Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 14 13 16-0358)</small>		
27 14 13 16-0362	MLF		4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,572.96	578.41
27 14 13 16-0363			Category 6a, Indoor Telecommunications Cable <small>(27 14 13 16-0254)</small>		
27 14 13 16-0364			Category 6a, Indoor Telecommunications Riser Cable <small>(27 14 13 16-0363)</small>		
27 14 13 16-0365			Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 14 13 16-0364)</small>		
27 14 13 16-0366	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit .....	834.79	289.21
27 14 13 16-0367			Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 14 13 16-0364)</small>		
27 14 13 16-0368	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,316.80	578.41
27 14 13 16-0369			Category 6a, Indoor Telecommunications Plenum Cable <small>(27 14 13 16-0363)</small>		
27 14 13 16-0370			Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 14 13 16-0369)</small>		
27 14 13 16-0371	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	1,249.22	289.21
27 14 13 16-0372			Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 14 13 16-0369)</small>		
27 14 13 16-0373	MLF		4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,731.23	578.41
27 14 13 16-0374			Category 7, Indoor Telecommunications Cable <small>(27 14 13 16-0254)</small>		
27 14 13 16-0375			Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0374)</small>		
27 14 13 16-0376	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit .....	1,910.85	330.52
27 14 13 16-0377	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	3,870.66	330.52
27 14 13 16-0378			Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(27 14 13 16-0374)</small>		
27 14 13 16-0379	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,461.72	661.04
27 14 13 16-0380	MLF		4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed.....	4,421.53	661.04
27 14 13 16-0381			Outdoor Telecommunications Cable <small>(27 14 13 16-0253)</small> Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, etc. Telecommunications cable buried in trench excludes excavation.		
27 14 13 16-0382			PE-89 Outdoor Telecommunications Cable <small>(27 14 13 16-0381)</small> Note: Includes foam-skin polyolefin insulated conductors.		
27 14 13 16-0383			24 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 14 13 16-0382)</small>		
27 14 13 16-0384			24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0383)</small>		
27 14 13 16-0385	MLF		6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,284.33	578.41
27 14 13 16-0386	MLF		12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,419.81	578.41
27 14 13 16-0387	MLF		25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,711.67	578.41
27 14 13 16-0388	MLF		50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,267.67	578.41
27 14 13 16-0389	MLF		75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,820.30	578.41
27 14 13 16-0390	MLF		100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	3,374.22	578.41
27 14 13 16-0391	MLF		200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	5,812.98	743.67



<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Cabling</b>	<b>27 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0392 MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	8,534.70	1,074.19
27 14 13 16-0393 MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	11,298.55	1,404.71
27 14 13 16-0394 MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	15,340.52	1,900.50
27 14 13 16-0395 MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	24,670.37	3,801.00
27 14 13 16-0396 MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	33,955.16	5,618.87
<b>27 14 13 16-0397 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench</b> <small>(27 14 13 16-0383)</small>		
27 14 13 16-0398 MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,077.76	
27 14 13 16-0399 MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,213.24	
27 14 13 16-0400 MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,505.10	
27 14 13 16-0401 MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,061.10	
27 14 13 16-0402 MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,613.73	
27 14 13 16-0403 MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	3,167.65	
27 14 13 16-0404 MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	5,675.26	
27 14 13 16-0405 MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	8,121.55	
27 14 13 16-0406 MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	10,437.81	
27 14 13 16-0407 MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	13,825.63	
27 14 13 16-0408 MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	20,538.85	
27 14 13 16-0409 MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	27,895.58	
<b>27 14 13 16-0410 22 AWG, PE-89 Outdoor Telecommunications Cable</b> <small>(27 14 13 16-0382)</small>		
<b>27 14 13 16-0411 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit</b> <small>(27 14 13 16-0410)</small>		
27 14 13 16-0412 MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,370.46	578.41
27 14 13 16-0413 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,580.73	578.41
27 14 13 16-0414 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,041.05	578.41
27 14 13 16-0415 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,853.94	578.41
27 14 13 16-0416 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	3,736.48	578.41
27 14 13 16-0417 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	4,619.74	578.41
27 14 13 16-0418 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	8,215.76	743.67
27 14 13 16-0419 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	11,961.55	1,074.19
27 14 13 16-0420 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	15,918.24	1,404.71
27 14 13 16-0421 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	23,407.94	1,900.50
27 14 13 16-0422 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	34,858.86	3,801.00
27 14 13 16-0423 MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	49,198.07	5,618.87
<b>27 14 13 16-0424 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench</b> <small>(27 14 13 16-0410)</small>		
27 14 13 16-0425 MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,163.89	
27 14 13 16-0426 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,374.16	
27 14 13 16-0427 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,834.48	
27 14 13 16-0428 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,647.37	
27 14 13 16-0429 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	3,529.91	
27 14 13 16-0430 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	4,413.17	
27 14 13 16-0431 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	8,078.04	
27 14 13 16-0432 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	11,548.40	
27 14 13 16-0433 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	15,057.50	
27 14 13 16-0434 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	21,893.05	
27 14 13 16-0435 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	30,727.34	
27 14 13 16-0436 MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	43,138.49	
<b>27 14 13 16-0437 19 AWG, PE-89 Outdoor Telecommunications Cable</b> <small>(27 14 13 16-0382)</small>		
<b>27 14 13 16-0438 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit</b> <small>(27 14 13 16-0437)</small>		
27 14 13 16-0439 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	3,056.48	578.41
27 14 13 16-0440 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	4,838.78	578.41
27 14 13 16-0441 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	7,267.13	578.41
27 14 13 16-0442 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	8,551.12	578.41
<b>27 14 13 16-0443 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench</b> <small>(27 14 13 16-0437)</small>		
27 14 13 16-0444 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,849.91	
27 14 13 16-0445 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	4,632.21	
27 14 13 16-0446 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	7,060.56	
27 14 13 16-0447 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	8,344.55	
<b>27 14 13 16-0448 PE-39 Outdoor Telecommunications Cable</b> <small>(27 14 13 16-0381)</small>		
Note: Includes solid polyolefin insulated conductors.		
<b>27 14 13 16-0449 24 AWG, PE-39 Outdoor Telecommunications Cable</b> <small>(27 14 13 16-0448)</small>		
<b>27 14 13 16-0450 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit</b> <small>(27 14 13 16-0449)</small>		
27 14 13 16-0451 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	1,296.44	578.41
27 14 13 16-0452 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	1,462.19	578.41
27 14 13 16-0453 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	1,796.58	578.41

<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 14</b>	<b>Communications Cabling</b>



**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0454 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	2,398.75	578.41
27 14 13 16-0455 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	3,620.05	578.41
27 14 13 16-0456 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	6,375.19	743.67
27 14 13 16-0457 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	9,301.58	1,074.19
27 14 13 16-0458 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	12,232.99	1,404.71
27 14 13 16-0459 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	16,704.87	1,900.50
27 14 13 16-0460 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	26,434.81	3,801.00
27 14 13 16-0461 MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	38,531.39	5,618.87
<b>27 14 13 16-0462 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench</b> <sup>(27 14 13 16-0449)</sup>		
27 14 13 16-0463 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,089.87	
27 14 13 16-0464 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,255.62	
27 14 13 16-0465 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,590.01	
27 14 13 16-0466 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	2,192.18	
27 14 13 16-0467 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	3,413.48	
27 14 13 16-0468 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	6,237.47	
27 14 13 16-0469 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	8,888.43	
27 14 13 16-0470 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	11,372.25	
27 14 13 16-0471 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	15,189.98	
27 14 13 16-0472 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	22,303.29	
27 14 13 16-0473 MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	32,471.81	
<b>27 14 13 16-0474 22 AWG, PE-39 Outdoor Telecommunications Cable</b> <sup>(27 14 13 16-0448)</sup>		
<b>27 14 13 16-0475 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 14 13 16-0474)</sup>		
27 14 13 16-0476 MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	1,392.27	578.41
27 14 13 16-0477 MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	1,635.83	578.41
27 14 13 16-0478 MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	2,154.14	578.41
27 14 13 16-0479 MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	3,107.64	578.41
27 14 13 16-0480 MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	5,097.48	578.41
27 14 13 16-0481 MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	9,218.47	743.67
27 14 13 16-0482 MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	13,498.62	1,074.19
27 14 13 16-0483 MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	17,309.22	1,404.71
27 14 13 16-0484 MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	24,142.72	1,900.50
27 14 13 16-0485 MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	38,478.41	3,801.00
<b>27 14 13 16-0486 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench</b> <sup>(27 14 13 16-0474)</sup>		
27 14 13 16-0487 MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,185.70	
27 14 13 16-0488 MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,429.26	
27 14 13 16-0489 MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	1,947.57	
27 14 13 16-0490 MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	2,901.07	
27 14 13 16-0491 MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	4,890.91	
27 14 13 16-0492 MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	9,080.75	
27 14 13 16-0493 MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	13,085.47	
27 14 13 16-0494 MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	16,448.48	
27 14 13 16-0495 MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	22,627.83	
27 14 13 16-0496 MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	34,346.89	
<b>27 14 13 16-0497 19 AWG, PE-39 Outdoor Telecommunications Cable</b> <sup>(27 14 13 16-0448)</sup>		
<b>27 14 13 16-0498 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 14 13 16-0497)</sup>		
27 14 13 16-0499 MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	3,302.31	578.41
27 14 13 16-0500 MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	5,236.15	578.41
27 14 13 16-0501 MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	9,246.24	578.41
<b>27 14 13 16-0502 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench</b> <sup>(27 14 13 16-0497)</sup>		
27 14 13 16-0503 MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	3,095.74	
27 14 13 16-0504 MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	5,029.58	
27 14 13 16-0505 MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	9,039.67	
<b>27 14 13 16-0506 (Aerial) Outdoor Telecommunications Cable</b> <sup>(27 14 13 16-0381)</sup>		
Note: Includes support wire.		
<b>27 14 13 16-0507 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles</b> <sup>(27 14 13 16-0506)</sup>		
27 14 13 16-0508 MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	3,834.30	1,162.86
27 14 13 16-0509 MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	3,972.21	1,162.86
27 14 13 16-0510 MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,314.62	1,162.86
27 14 13 16-0511 MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,948.58	1,162.86
27 14 13 16-0512 MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	6,173.06	1,162.86
27 14 13 16-0513 MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	8,886.59	1,279.15
27 14 13 16-0514 MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	11,615.27	1,395.44



<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Structured Cabling</b>	<b>27 10</b>	
<b>Communications Cabling</b>	<b>27 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 14 13 16-0515</b> <b>22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles</b> <sup>(27 14 13 16-0506)</sup>		
27 14 13 16-0516 MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	3,999.30	1,162.86
27 14 13 16-0517 MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,203.05	1,162.86
27 14 13 16-0518 MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,693.82	1,162.86
27 14 13 16-0519 MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	5,663.37	1,162.86
27 14 13 16-0520 MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	7,933.39	1,162.86
27 14 13 16-0521 MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	11,942.70	1,279.15
<b>27 14 13 16-0522</b> <b>19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles</b> <sup>(27 14 13 16-0506)</sup>		
27 14 13 16-0523 MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,217.44	1,162.86
27 14 13 16-0524 MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	4,678.22	1,162.86
27 14 13 16-0525 MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	5,584.20	1,162.86
27 14 13 16-0526 MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	7,396.16	1,162.86
27 14 13 16-0527 MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles .....	11,173.28	1,162.86
<b>27 14 13 16-0528</b> <b>Sound System Cables</b> <sup>(27 14 13 16)</sup>		
Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
<b>27 14 13 16-0529</b> <b>Sound System Cables, Communications And Control Cable, Installed Exposed</b> <sup>(27 14 13 16-0528)</sup>		
27 14 13 16-0530 MLF 2 Conductor, 18 AWG, Non-Plenum, Unshielded, Speaker/Communications And Control Cable, Installed Exposed.....	1,005.02	440.67
27 14 13 16-0531 MLF 2 Conductor, 16 AWG, Non-Plenum, Unshielded, Speaker/Communications And Control Cable, Installed Exposed.....	1,067.95	440.67
27 14 13 16-0532 MLF 2 Conductor, 18 AWG, Plenum, Unshielded, Speaker/Communications And Control Cable, Installed Exposed .....	1,021.55	440.67
27 14 13 16-0533 MLF 2 Conductor, 16 AWG, Plenum, Unshielded, Speaker/Communications And Control Cable, Installed Exposed .....	1,084.71	440.67
27 14 13 16-0534 MLF 2 Conductor, 18 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed Exposed .....	1,046.46	440.67
27 14 13 16-0535 MLF 2 Conductor, 16 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed Exposed .....	1,130.84	440.67
27 14 13 16-0536 MLF 2 Conductor, 22 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed Exposed .....	1,072.13	440.67
27 14 13 16-0537 MLF 4 Conductor, 22 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed Exposed .....	1,093.60	440.67
27 14 13 16-0538 MLF 2 Conductor, 20 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed Exposed .....	1,005.56	440.67
27 14 13 16-0539 MLF 4 Conductor, 20 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed Exposed .....	1,173.41	440.67
<b>27 14 13 16-0540</b> <b>Sound System Cables, Communications And Control Cable, Installed In Conduit</b> <sup>(27 14 13 16-0528)</sup>		
27 14 13 16-0541 MLF 2 Conductor, 18 AWG, Non-Plenum, Unshielded, Speaker/Communications And Control Cable, Installed In Conduit .....	564.35	220.33
27 14 13 16-0542 MLF 2 Conductor, 16 AWG, Non-Plenum, Unshielded, Speaker/Communications And Control Cable, Installed In Conduit .....	627.28	220.33
27 14 13 16-0543 MLF 2 Conductor, 18 AWG, Plenum, Unshielded, Speaker/Communications And Control Cable, Installed In Conduit .....	580.88	220.33
27 14 13 16-0544 MLF 2 Conductor, 16 AWG, Plenum, Unshielded, Speaker/Communications And Control Cable, Installed In Conduit .....	644.04	220.33
27 14 13 16-0545 MLF 2 Conductor, 18 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed In Conduit .....	605.79	220.33
27 14 13 16-0546 MLF 2 Conductor, 16 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed In Conduit .....	690.17	220.33
27 14 13 16-0547 MLF 2 Conductor, 22 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed In Conduit.....	631.46	220.33
27 14 13 16-0548 MLF 4 Conductor, 22 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed In Conduit .....	652.93	220.33
27 14 13 16-0549 MLF 2 Conductor, 20 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed In Conduit.....	564.89	220.33
27 14 13 16-0550 MLF 4 Conductor, 20 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed In Conduit.....	732.74	220.33
<b>27 14 33</b> <b>Communications Coaxial Cabling</b> <sup>(27 14)</sup>		
<b>27 14 33 16</b> <b>Communications Coaxial Cabling</b> <sup>(27 14 33)</sup>		
<b>27 14 33 16-0001</b> <b>Indoor Coaxial Cable</b> <sup>(27 14 33 16)</sup>		
<b>27 14 33 16-0002</b> <b>Coaxial, Indoor Telecommunications Cable</b> <sup>(27 14 33 16-0001)</sup>		
<b>27 14 33 16-0003</b> <b>Coaxial, Indoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 14 33 16-0002)</sup>		
27 14 33 16-0004 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	883.98	289.21
27 14 33 16-0005 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	2,030.54	289.21
27 14 33 16-0006 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	744.44	330.52
27 14 33 16-0007 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	2,551.05	330.52
<b>27 14 33 16-0008</b> <b>Coaxial, Indoor Telecommunications Cable, Installed Exposed</b> <sup>(27 14 33 16-0002)</sup>		
27 14 33 16-0009 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108) .....	1,365.99	578.41
27 14 33 16-0010 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108) .....	2,512.55	578.41
27 14 33 16-0011 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114) .....	1,295.31	661.04
27 14 33 16-0012 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120) .....	3,101.92	661.04
<b>27 14 33 16-0013</b> <b>Coaxial Distribution Cable</b> <sup>(27 14 33 16-0001)</sup>		
Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal		
27 14 33 16-0014 MLF RG-6/U Coaxial Distribution Cable, In Conduit.....	1,431.12	201.45
27 14 33 16-0015 MLF RG-6A/U Coaxial Distribution Cable, In Conduit.....	5,287.99	201.45

<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 14</b>	<b>Communications Cabling</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 33 16-0016 MLF RG-8/U Coaxial Distribution Cable, In Conduit .....	2,787.43	212.78
27 14 33 16-0017 MLF RG-8A/U Coaxial Distribution Cable, In Conduit .....	3,511.91	212.78
27 14 33 16-0018 MLF RG-11/U Coaxial Distribution Cable, In Conduit .....	3,124.27	251.81
27 14 33 16-0019 MLF RG-11A/U Coaxial Distribution Cable, In Conduit .....	4,525.37	251.81
27 14 33 16-0020 MLF RG-11/U Coaxial Distribution Cable, In Plenum .....	10,164.05	503.62
27 14 33 16-0021 MLF RG-58/U Coaxial Distribution Cable, In Conduit .....	1,055.79	176.27
27 14 33 16-0022 MLF RG-58A/U Coaxial Distribution Cable, In Conduit .....	1,199.35	176.27
27 14 33 16-0023 MLF RG-58C/U Coaxial Distribution Cable, In Conduit .....	1,452.25	176.27
27 14 33 16-0024 MLF RG-58/U Coaxial Distribution Cable, In Plenum .....	3,544.78	352.53
27 14 33 16-0025 MLF RG-59/U Coaxial Distribution Cable, In Conduit .....	1,726.50	176.27
27 14 33 16-0026 MLF RG-59/U Coaxial Distribution Cable, In Plenum .....	4,297.23	352.53
27 14 33 16-0027 MLF 1/2" Hard Line Coaxial, In Conduit .....	1,698.88	352.53
<b>27 14 33 16-0028 Outdoor Coaxial Cable (27 14 33 16)</b>		
<b>27 14 33 16-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core (27 14 33 16-0029)</b>		
Note: Corrugated steel armor jacket.		
27 14 33 16-0030 MLF TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial .....	3,952.63	942.53
27 14 33 16-0031 MLF TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial .....	2,476.26	662.95
27 14 33 16-0032 MLF TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial .....	2,131.07	391.12
27 14 33 16-0033 MLF TV Coaxial Cable Drop 1/4" Diameter, Direct Burial .....	1,125.43	391.12
27 14 33 16-0034 MLF TV Coaxial Cable Drop 1/4" Diameter, Placed In Conduit .....	1,675.49	611.14
<b>27 14 43 Communications Faceplates And Connectors (27 14)</b>		
<b>27 14 43 00-0001 Wall Mounted Telephone Faceplates (27 14 43)</b>		
Note: Includes standard telephone mounting studs.		
<b>27 14 43 00-0002 Plastic Faceplates For Wall Mounted Telephones (27 14 43 00-0001)</b>		
27 14 43 00-0003 EA Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones .....	23.73	8.60
<b>27 14 43 00-0004 Stainless Steel Faceplates For Wall Mounted Telephones (27 14 43 00-0001)</b>		
27 14 43 00-0005 EA Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones .....	21.44	3.44
Note: Requires one snap-in modular jack.		
27 14 43 00-0006 EA Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones .....	36.87	8.60
27 14 43 00-0007 EA Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones .....	42.86	10.33
27 14 43 00-0008 EA Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones .....	20.59	3.44
Note: Requires one snap-in modular jack.		
27 14 43 00-0009 EA Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones .....	33.28	8.60
27 14 43 00-0010 EA Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones .....	39.36	10.33
<b>27 30 Voice Communications (27)</b>		
<b>27 32 Voice Communications Terminal Equipment (27 30)</b>		
Note: Includes testing of new devices and certification.		
<b>27 32 19 Interior Telephone System (27 32)</b>		
<b>27 32 19 00-0001 Components (27 32 19)</b>		
27 32 19 00-0002 EA Solid State Exchange Unit With Power Supply .....	3,952.94	629.23
27 32 19 00-0003 EA Dial Telephone - Handset In Cabinet .....	471.33	51.44
27 32 19 00-0004 EA Elevator Cab Telephone With Trailer Cable .....	243.20	55.16
27 32 19 00-0005 EA Loud Ring Bell, 6" .....	191.91	51.16
27 32 19 00-0006 EA Audio/Visual Indicator .....	242.20	48.20
27 32 19 00-0007 EA Administrative Telephone With Digital Display .....	251.32	43.25
27 32 19 00-0008 EA Processing Unit For 16 Station System .....	1,264.41	352.76
27 32 19 00-0009 EA Handset For 16 Station System .....	177.84	35.11
27 32 19 00-0010 EA Handset In Cabinet, For 16 Station System .....	240.87	47.38
27 32 19 00-0011 MLF 20 Conductor Unshielded Cable, #22 .....	1,670.42	759.31
27 32 19 00-0012 EA Power Supply For 16 Station System .....	230.45	93.71
27 32 19 00-0013 EA Intercom Terminal Board .....	206.77	105.49
27 32 19 00-0014 EA Power Supply For Five Station System, 24 Volt DC .....	239.04	93.71
27 32 19 00-0015 EA Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick .....	115.63	38.53
27 32 19 00-0016 EA Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep .....	356.75	84.79
27 32 19 00-0017 EA Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep .....	420.78	96.38
27 32 19 00-0018 EA Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep .....	509.96	114.07
27 32 19 00-0019 EA Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep .....	600.31	123.32
27 32 19 00-0020 EA Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep .....	929.05	140.32
27 32 19 00-0021 EA Ring Rung 3" .....	7.34	3.84
27 32 19 00-0022 EA G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID .....	18.19	6.82
27 32 19 00-0023 EA G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing .....	33.28	13.98
<b>27 32 19 00-0024 Accessories (27 32 19)</b>		
27 32 19 00-0025 EA Blank Telephone Receptacle, Exposed Devices - Complete .....	7.61	3.72
27 32 19 00-0026 EA 4-Pin Telephone Receptacle, Exposed Devices - Complete .....	16.05	14.32
27 32 19 00-0027 EA Level 5, RJ-45 Jack, Dual Flush Mounted - Complete .....	38.54	15.74



<b>Communications</b>	<b>27</b>	<b>27</b>
<b>Voice Communications</b>	<b>27 30</b>	
<b>Voice Communications Terminal Equipment</b>	<b>27 32</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 19 00-0028 EA Level 5, RJ-45 Jack, Wall Mount - Complete.....	36.97	15.74
27 32 19 00-0029 EA Terminating Strips, Inside.....	74.72	31.48
27 32 19 00-0030 EA Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete.....	34.18	16.18
27 32 19 00-0031 EA Ready Access Closure 3 To 25 Pair.....	90.19	37.94
27 32 19 00-0032 EA Ready Access Closure 25 To 100 Pair.....	104.36	42.41
27 32 19 00-0033 EA Termination Block With Bracket 25 Pair.....	33.20	12.73
27 32 19 00-0034 EA RJ-11 Telephone Receptacle, Concealed Devices - Complete.....	33.58	15.97
27 32 19 00-0035 EA Interior Protected Terminal 25 Pair.....	347.32	92.00
27 32 19 00-0036 EA Interior Protected Terminal 50 Pair.....	402.70	93.44
27 32 19 00-0037 EA Pedestal 6" x 6" x 50" 3 To 100 Pair.....	139.23	38.28
27 32 19 00-0038 EA Pedestal 8" x 8" x 50" 100 To 300 Pair.....	142.99	38.28
27 32 19 00-0039 EA Pedestal 10" x 10" x 43" 300 To 600 Pair.....	187.92	48.96
27 32 19 00-0040 EA Pedestal 10" x 16" x 439 600 Pair.....	382.27	88.21
27 32 19 00-0041 EA Entrance Protector Terminal 100 Pair.....	516.60	100.67
27 32 19 00-0042 EA Gas Protection Module.....	9.07	3.44
27 32 19 00-0043 EA Terminating Boxes, Outside With 3 Element Protectors, Per Pair.....	14.14	3.15

27 50 Distributed Communications And Monitoring Systems (27)

27 53 Distributed Systems (27 50)

27 53 13 Clock Systems (27 53)

27 53 13 00-0001 Wired Self-Corrective Clock Systems (27 53 13)

27 53 13 00-0002 Wired Self-Corrective Clocks (27 53 13 00-0001)

27 53 13 00-0003 Analog, Wired Self-Corrective Clocks (Telecor) (27 53 13 00-0002)

27 53 13 00-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 00-0003)

27 53 13 00-0005 EA 12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	174.73	17.22
For >50 To 100, Deduct	-10.76	
For >100, Deduct	-16.38	
27 53 13 00-0006 EA 12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	425.13	17.22
For >50 To 100, Deduct	-20.78	
For >100, Deduct	-36.41	
27 53 13 00-0007 EA 16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	220.90	17.22
For >50 To 100, Deduct	-14.47	
For >100, Deduct	-21.93	
27 53 13 00-0008 EA 16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	563.65	17.22
For >50 To 100, Deduct	-58.07	
For >100, Deduct	-79.24	

27 53 13 00-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 00-0003)

27 53 13 00-0010 EA 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	174.73	17.22
For >50 To 100, Deduct	-10.76	
For >100, Deduct	-16.38	
27 53 13 00-0011 EA 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	425.13	17.22
For >50 To 100, Deduct	-20.78	
For >100, Deduct	-36.41	
27 53 13 00-0012 EA 16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	220.90	17.22
For >50 To 100, Deduct	-14.47	
For >100, Deduct	-21.93	
27 53 13 00-0013 EA 16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	563.65	17.22
For >50 To 100, Deduct	-58.07	
For >100, Deduct	-79.24	

27 53 13 00-0014 Accessories For Analog Wired Self-Corrective Clocks (27 53 13 00-0003)

27 53 13 00-0015 EA Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks.....	145.97	8.60
27 53 13 00-0016 EA Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks.....	34.98	8.60
27 53 13 00-0017 EA Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks.....	45.20	8.60
27 53 13 00-0018 EA Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks.....	55.85	8.60
27 53 13 00-0019 EA Combination Back Box For Speaker And Clock.....	82.12	13.77

27 53 13 00-0020 Digital, Wired Self-Corrective Clocks (Telecor) (27 53 13 00-0002)

27 53 13 00-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 00-0020)

27 53 13 00-0022 EA 2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	217.35	17.22
For Surface Mount, Add	36.58	
For >50 To 100, Deduct	-10.98	
For >100, Deduct	-18.29	
27 53 13 00-0023 EA 4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	338.11	17.22
For Surface Mount, Add	60.74	
For >50 To 100, Deduct	-18.22	
For >100, Deduct	-30.37	

27 53 13 00-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 00-0020)

**27 Communications****27 50 Distributed Communications And Monitoring Systems****27 53 Distributed Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 00-0025	EA		2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	217.35	17.22
			<i>For Surface Mount, Add</i>	36.58	
			<i>For &gt;50 To 100, Deduct</i>	-10.98	
			<i>For &gt;100, Deduct</i>	-18.29	
27 53 13 00-0026	EA		4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	338.11	17.22
			<i>For Surface Mount, Add</i>	60.74	
			<i>For &gt;50 To 100, Deduct</i>	-18.22	
			<i>For &gt;100, Deduct</i>	-30.37	
<b>27 53 13 00-0027</b>			<b>Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks</b>		
			<small>(27 53 13 00-0020)</small>		
27 53 13 00-0028	EA		2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	184.94	17.22
			<i>For &gt;50 To 100, Deduct</i>	-9.03	
			<i>For &gt;100, Deduct</i>	-15.05	
27 53 13 00-0029	EA		4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	308.81	17.22
			<i>For &gt;50 To 100, Deduct</i>	-16.46	
			<i>For &gt;100, Deduct</i>	-27.44	
<b>27 53 13 00-0030</b>			<b>Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective</b>		
			<b>Clocks</b> <small>(27 53 13 00-0020)</small>		
27 53 13 00-0031	EA		2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	184.94	17.22
			<i>For &gt;50 To 100, Deduct</i>	-9.03	
			<i>For &gt;100, Deduct</i>	-15.05	
27 53 13 00-0032	EA		4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	308.81	17.22
			<i>For &gt;50 To 100, Deduct</i>	-16.46	
			<i>For &gt;100, Deduct</i>	-27.44	
<b>27 53 13 00-0033</b>			<b>Accessories For Digital Wired Self-Corrective Clocks</b> <small>(27 53 13 00-0020)</small>		
27 53 13 00-0034	EA		Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	200.14	8.60
27 53 13 00-0035	EA		2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	45.63	8.60
27 53 13 00-0036	EA		4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	64.28	8.60
27 53 13 00-0037	EA		Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks .....	174.39	8.60
27 53 13 00-0038	EA		4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	46.97	8.60
<b>27 53 13 00-0039</b>			<b>Wired Self-Corrective Master Clocks</b> <small>(27 53 13 00-0001)</small>		
<b>27 53 13 00-0040</b>			<b>Wired Self-Corrective Master Clocks</b> <small>(27 53 13 00-0039)</small>		
27 53 13 00-0041	EA		24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	2,047.77	137.72
27 53 13 00-0042	EA		120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	2,180.97	137.72
<b>27 53 13 00-0043</b>			<b>Accessories For Wired Self-Corrective Master Clocks</b> <small>(27 53 13 00-0039)</small>		
27 53 13 00-0044	EA		5 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	203.39	34.43
27 53 13 00-0045	EA		10 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	231.35	34.43
<b>27 53 13 00-0046</b>			<b>Other Clock And Program Systems</b> <small>(27 53 13)</small>		
27 53 13 00-0047	EA		4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	1,005.93	68.86
27 53 13 00-0048	EA		8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	1,225.95	137.72
27 53 13 00-0049	EA		Program Bell (Lathem 906-6).....	152.46	34.43
27 53 13 00-0050	EA		Combination Clock And Speaker .....	347.54	86.07

**END OF SECTION 27**





MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

### 28 05 Common Work Results For Electronic Safety And Security <sup>(28)</sup>

#### 28 05 13 Conductors And Cables For Electronic Safety And Security <sup>(28 05)</sup>

**28 05 13 13 CCTV Communications Conductors And Cables <sup>(28 05 13)</sup>**  
 See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 14 00 00-0000 for conductors and cables.

**28 05 13 16 Access Control Communications Conductors And Cables <sup>(28 05 13)</sup>**  
 See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 14 00 00-0000 for conductors and cables.

**28 05 13 19 Intrusion Detection Communications Conductors And Cables <sup>(28 05 13)</sup>**  
 See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 14 00 00-0000 for conductors and cables, 28 05 13 23-0000 for Type FPLP.

**28 05 13 23 Fire Alarm Communications Conductors And Cables <sup>(28 05 13)</sup>**

28 05 13 23-0001 Fire Alarm/Life Safety Cable <sup>(28 05 13 23)</sup>

28 05 13 23-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <sup>(28 05 13 23-0001)</sup>

28 05 13 23-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <sup>(28 05 13 23-0002)</sup>

28 05 13 23-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,357.64		468.51
28 05 13 23-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,768.34		485.46
28 05 13 23-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,550.01		532.55
28 05 13 23-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,213.68		551.56
28 05 13 23-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,798.40		596.18
28 05 13 23-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,749.95		617.66
28 05 13 23-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,396.05		681.70
28 05 13 23-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	3,884.60		706.01

28 05 13 23-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <sup>(28 05 13 23-0002)</sup>

28 05 13 23-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,138.51		937.16
28 05 13 23-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,577.43		970.91
28 05 13 23-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,437.60		1,065.24
28 05 13 23-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,132.93		1,103.11
28 05 13 23-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,792.03		1,192.63
28 05 13 23-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,779.40		1,235.33
28 05 13 23-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,532.22		1,363.40
28 05 13 23-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	5,061.40		1,412.29

28 05 13 23-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <sup>(28 05 13 23-0001)</sup>

28 05 13 23-0022	MLF	2/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	764.47		383.40
28 05 13 23-0023	MLF	4/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	846.48		397.04
28 05 13 23-0024	MLF	2/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	927.67		468.51
28 05 13 23-0025	MLF	3/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,014.71		476.98
28 05 13 23-0026	MLF	4/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,064.12		485.46
28 05 13 23-0027	MLF	6/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,234.52		502.39

**28 Electronic Safety And Security**  
**28 05 Common Work Results For Electronic Safety And Security**  
**28 05 13 Conductors And Cables For Electronic Safety And Security**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 13 23-0028 MLF 8/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,487.29	519.33
28 05 13 23-0029 MLF 2/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,098.12	532.55
28 05 13 23-0030 MLF 4/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,288.25	551.56
28 05 13 23-0031 MLF 2/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,295.35	596.18
28 05 13 23-0032 MLF 4/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,601.57	617.66
28 05 13 23-0033 MLF 2/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,632.49	681.70
28 05 13 23-0034 MLF 4/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,137.90	706.01
<b>28 05 13 23-0035 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (28 05 13 23-0001)</b>		
<b>28 05 13 23-0036 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (28 05 13 23-0035)</b>		
28 05 13 23-0037 MLF 2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	754.60	383.40
28 05 13 23-0038 MLF 2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	921.26	468.51
28 05 13 23-0039 MLF 3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,076.71	476.98
28 05 13 23-0040 MLF 4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,081.29	485.46
28 05 13 23-0041 MLF 6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,324.12	502.39
28 05 13 23-0042 MLF 2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,088.43	532.55
28 05 13 23-0043 MLF 4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,310.00	551.56
28 05 13 23-0044 MLF 2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,251.72	596.18
28 05 13 23-0045 MLF 4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,774.97	617.66
28 05 13 23-0046 MLF 2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,618.24	681.70
28 05 13 23-0047 MLF 4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,401.14	706.01
<b>28 05 13 23-0048 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed (28 05 13 23-0035)</b>		
28 05 13 23-0049 MLF 2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	1,393.60	767.09
28 05 13 23-0050 MLF 2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	1,702.13	937.16
28 05 13 23-0051 MLF 3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	1,871.33	953.69
28 05 13 23-0052 MLF 4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	1,890.38	970.91
28 05 13 23-0053 MLF 6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,161.43	1,004.65
28 05 13 23-0054 MLF 2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	1,976.02	1,065.24
28 05 13 23-0055 MLF 4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,229.25	1,103.11
28 05 13 23-0056 MLF 2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,245.35	1,192.63
28 05 13 23-0057 MLF 4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,804.42	1,235.33
28 05 13 23-0058 MLF 2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,754.41	1,363.40
28 05 13 23-0059 MLF 4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,577.94	1,412.29
<b>28 05 13 23-0060 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (28 05 13 23-0001)</b>		
<b>28 05 13 23-0061 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (28 05 13 23-0060)</b>		
28 05 13 23-0062 MLF 2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	795.24	383.40
28 05 13 23-0063 MLF 2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	950.28	468.51
28 05 13 23-0064 MLF 3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,184.45	476.98
28 05 13 23-0065 MLF 4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,110.99	485.46
28 05 13 23-0066 MLF 6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,354.49	502.39
28 05 13 23-0067 MLF 2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,155.14	532.55



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 13 23-0068 MLF 4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,340.86	551.56
28 05 13 23-0069 MLF 2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,395.60	596.18
28 05 13 23-0070 MLF 4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,702.83	617.66
28 05 13 23-0071 MLF 2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,724.70	681.70
28 05 13 23-0072 MLF 4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,182.09	706.01
<b>28 05 13 23-0073 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed</b> <small>(28 05 13 23-0060)</small>		
28 05 13 23-0074 MLF 2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	1,434.24	767.09
28 05 13 23-0075 MLF 2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	1,731.15	937.16
28 05 13 23-0076 MLF 3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	1,979.07	953.69
28 05 13 23-0077 MLF 4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	1,920.08	970.91
28 05 13 23-0078 MLF 6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,191.80	1,004.65
28 05 13 23-0079 MLF 2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,042.73	1,065.24
28 05 13 23-0080 MLF 4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,260.11	1,103.11
28 05 13 23-0081 MLF 2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,389.23	1,192.63
28 05 13 23-0082 MLF 4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,732.28	1,235.33
28 05 13 23-0083 MLF 2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	2,860.87	1,363.40
28 05 13 23-0084 MLF 4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,358.89	1,412.29
<b>28 05 26 Grounding And Bonding For Electronic Safety And Security</b> <small>(28 05)</small>		
See CSI section 26 05 26 00-0000 for grounding and bonding.		
<b>28 05 28 Pathways For Electronic Safety And Security</b> <small>(28 05)</small>		
<b>28 05 28 29 Hangers And Supports For Electronic Safety And Security</b> <small>(28 05 28)</small>		
See CSI section 26 05 29 00-0000 for hangers and supports.		
<b>28 05 28 33 Conduits And Backboxes For Electronic Safety And Security</b> <small>(28 05 28)</small>		
See CSI section 26 05 33 13-0000 for conduits.		
<b>28 05 28 36 Cable Trays For Electronic Safety And Security</b> <small>(28 05 28)</small>		
See CSI section 26 05 36 00-0000 for cable trays.		
<b>28 05 28 39 Surface Raceways For Electronic Safety And Security</b> <small>(28 05 28)</small>		
See CSI section 26 05 33 23-0000 for surface raceways.		
<b>28 05 53 Identification For Electronic Safety And Security</b> <small>(28 05)</small>		
See CSI section 26 05 53 00-0000 for identification.		
<b>28 10 Electronic Access Control And Intrusion Detection</b> <small>(28)</small>		
Note: Includes testing of new devices and certification.		
<b>28 13 Access Control</b> <small>(28 10)</small>		
<b>28 13 33 Access Control Interfaces</b> <small>(28 13)</small>		
<b>28 13 33 16 Access Control Interfaces to Access Control Hardware</b> <small>(28 13 33)</small>		
28 13 33 16-0001 Stand Alone Access Controls <small>(28 13 33 16)</small>		
28 13 33 16-0002 Push Button Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
28 13 33 16-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls <small>(28 13 33 16-0002)</small>		
28 13 33 16-0004 EA Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls.....	70.43	17.22
Note: Controls mount to a standard mullion.		
28 13 33 16-0005 EA Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls.....	73.43	17.22
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 13 33 16-0006 EA Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators.....	90.68	17.22
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 13 33 16-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls <small>(28 13 33 16-0002)</small>		
Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.		
28 13 33 16-0008 EA Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls.....	86.43	17.22
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 13 33 16-0009 EA 42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls.....	402.29	51.64
Note: Includes post, mounting base and push button control. Excludes concrete foundation.		
28 13 33 16-0010 EA Three Button, Exterior Stand Alone Access Controls For Gate Operators.....	135.68	17.22
Note: Includes open, close and stop controls.		
28 13 33 16-0011 Key Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
28 13 33 16-0012 Interior Mount, Key Controls, Stand Alone Access Controls <small>(28 13 33 16-0011)</small>		
28 13 33 16-0013 EA Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls.....	96.31	17.22
Note: Controls mount into a single gang electrical box. Excludes electrical box.		

<b>28</b>	<b>Electronic Safety And Security</b>
<b>28 10</b>	<b>Electronic Access Control And Intrusion Detection</b>
<b>28 13</b>	<b>Access Control</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 13 33 16-0014</b> Exterior Mount, Key Controls, Stand Alone Access Controls <small>(28 13 33 16-0011)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0015 EA Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls ..... Note: Opens door or gate with a postal or fire department key.	151.36	34.43
28 13 33 16-0016 EA Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls .....	230.86	34.43
28 13 33 16-0017 EA Ace Key, Key Controls, Exterior Stand Alone Access Controls .....	230.86	34.43
28 13 33 16-0018 EA Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls.....	344.86	34.43
<b>28 13 33 16-0019</b> Keypad Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
<b>28 13 33 16-0020</b> Interior Mount, Keypad Controls, Stand Alone Access Controls <small>(28 13 33 16-0019)</small>		
28 13 33 16-0021 EA One Code Memory, Keypad Control, Interior Stand Alone Access Controls..... Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	131.93	17.22
<b>28 13 33 16-0022</b> Exterior Mount, Keypad Controls, Stand Alone Access Controls <small>(28 13 33 16-0019)</small> Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
<b>28 13 33 16-0023</b> Keypad Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0022)</small>		
28 13 33 16-0024 EA 1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls ..... Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	550.22 92.81	68.86
<b>28 13 33 16-0025</b> Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls <small>(28 13 33 16-0022)</small> Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 13 33 16-0026 EA 1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls..... Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	664.93 114.75	77.47
<b>28 13 33 16-0027</b> RF Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
<b>28 13 33 16-0028</b> Exterior Mount, RF Controls, Stand Alone Access Controls <small>(28 13 33 16-0027)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
<b>28 13 33 16-0029</b> RF Receivers, RF Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0028)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 13 33 16-0030 EA 50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls .....	340.22	68.86
28 13 33 16-0031 EA 100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	380.72	68.86
28 13 33 16-0032 EA 250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	419.72	68.86
28 13 33 16-0033 EA 500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	461.72	68.86
28 13 33 16-0034 EA 1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	500.72	68.86
28 13 33 16-0035 EA 5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	542.72	68.86
28 13 33 16-0036 EA 16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	581.72	68.86
<b>28 13 33 16-0037</b> RF Transmitters, RF Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0028)</small>		
28 13 33 16-0038 EA 1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	25.50 -1.28 -2.55 5.10	
28 13 33 16-0039 EA 2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	27.00 -1.35 -2.70 5.40	
28 13 33 16-0040 EA 3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	28.50 -1.43 -2.85 5.70	
<b>28 13 33 16-0041</b> Accessories For RF Receivers, Exterior Stand Alone Access Controls <small>(28 13 33 16-0028)</small>		
28 13 33 16-0042 EA Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls ..... Note: Includes 15' of coax cable.	139.29	51.64
28 13 33 16-0043 EA Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls ..... Note: Includes 20' of coax cable.	253.29	51.64
28 13 33 16-0044 EA Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls..... Note: Includes 15' of coax cable.	232.29	51.64
<b>28 13 33 16-0045</b> Proximity Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
<b>28 13 33 16-0046</b> Exterior Mount, Proximity Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0045)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
<b>28 13 33 16-0047</b> DKS Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0046)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0048 DKS Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 13 33 16-0047)</small>		
28 13 33 16-0049 EA DKS Proximity Card Reader, Exterior Stand Alone Access Controls.....	625.22	68.86
28 13 33 16-0050 AWID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0046)</small>		
28 13 33 16-0051 AWID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 13 33 16-0050)</small>		
28 13 33 16-0052 EA AWID Proximity Card Reader, Exterior Stand Alone Access Controls.....	677.72	68.86
28 13 33 16-0053 HID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 13 33 16-0046)</small>		
28 13 33 16-0054 HID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 13 33 16-0053)</small>		
28 13 33 16-0055 EA HID Proximity Card Reader, Exterior Stand Alone Access Controls.....	797.72	68.86
28 13 33 16-0056 Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
28 13 33 16-0057 Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0056)</small>		
28 13 33 16-0058 EA Magnetic Stripe Reader, Interior Stand Alone Access Controls.....	385.22	68.86
28 13 33 16-0059 Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0056)</small>		
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0060 EA Magnetic Stripe Reader, Exterior Stand Alone Access Controls.....	469.92	68.86
28 13 33 16-0061 Other Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
28 13 33 16-0062 EA Toggle Switch, Interior Access Controls For Gate Operators .....	68.18	17.22
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 13 33 16-0063 Wiegand Output Access Controls <small>(28 13 33 16)</small>		
Note: Excludes controllers.		
28 13 33 16-0064 Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>		
28 13 33 16-0065 DKS, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
28 13 33 16-0066 DKS, Proximity Cards <small>(28 13 33 16-0065)</small>		
28 13 33 16-0067 EA Clamshell Type, DKS Proximity Card (DKS 170).....	3.99	
28 13 33 16-0068 EA ISO Compliant Graphics Card, DKS Proximity Card (DKS 80).....	6.58	
28 13 33 16-0069 EA DKS Proximity Key Fob (DKS 50).....	6.93	
28 13 33 16-0070 EA Active Tag, DKS Proximity Tag (DKS 150).....	39.20	
Note: Battery powered tag to boost signal.		
28 13 33 16-0071 EA Active Tag, DKS Proximity Tag (DKS 200).....	51.10	
Note: Battery powered tag to boost signal.		
28 13 33 16-0072 DKS, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0065)</small>		
28 13 33 16-0073 EA Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small).....	251.94	86.07
28 13 33 16-0074 EA Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion) .....	251.94	86.07
28 13 33 16-0075 EA Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang) .....	251.94	86.07
28 13 33 16-0076 EA Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS).....	625.74	86.07
Note: Includes mounting bracket and 12 VDC regulated power supply.		
28 13 33 16-0077 AWID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
28 13 33 16-0078 AWID, Proximity Cards <small>(28 13 33 16-0077)</small>		
28 13 33 16-0079 EA Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS).....	3.36	
28 13 33 16-0080 EA ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR).....	5.25	
28 13 33 16-0081 EA AWID Proximity Key Fob (AWID Prox-Linc KT) .....	5.60	
28 13 33 16-0082 EA Windshield Tag For LR 2000 Readers, AWID Proximity Tag .....	19.60	
28 13 33 16-0083 EA Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag .....	19.60	
28 13 33 16-0084 AWID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0077)</small>		
28 13 33 16-0085 EA Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400).....	298.14	86.07
Note: For mullion mounting.		
28 13 33 16-0086 EA Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) .....	398.94	86.07
Note: For mullion mounting.		

<b>28</b>	<b>Electronic Safety And Security</b>
<b>28 10</b>	<b>Electronic Access Control And Intrusion Detection</b>
<b>28 13</b>	<b>Access Control</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0087 EA Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820).....	398.94	86.07
Note: For single gang electrical box mounting.		
28 13 33 16-0088 EA Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824).....	627.14	86.07
Note: Includes 12 VDC regulated power supply.		
28 13 33 16-0089 EA Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000).....	3,365.54	86.07
Note: Includes mounting bracket and 12 VDC regulated power supply.		
<b>28 13 33 16-0090</b> HID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
<b>28 13 33 16-0091</b> HID, Proximity Cards <small>(28 13 33 16-0090)</small>		
28 13 33 16-0092 EA Clamshell Type, HID Proximity Card (HID ProxCard II).....	9.22	
28 13 33 16-0093 EA ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II).....	11.74	
28 13 33 16-0094 EA HID Proximity Key Fob (HID ProxKey II).....	12.02	
<b>28 13 33 16-0095</b> HID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0090)</small>		
28 13 33 16-0096 EA Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	294.88	86.07
Note: For mullion mounting. (HID P/N 6005).		
28 13 33 16-0097 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	344.48	86.07
Note: For single gang electrical box mounting. (HID P/N 5395).		
28 13 33 16-0098 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx).....	381.67	86.07
Note: For mullion mounting. (HID P/N 5365).		
28 13 33 16-0099 EA EntryProx Single-Door Proximity Access Control.....	482.10	86.07
Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.		
<b>28 13 33 16-0100</b> Contactless Smart Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>		
<b>28 13 33 16-0101</b> HID, Contactless Smart Cards <small>(28 13 33 16-0100)</small>		
28 13 33 16-0102 EA 2K Bits, Clamshell Type, HID iClass, Contactless Smart Card.....	6.16	
28 13 33 16-0103 EA 16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card.....	6.72	
28 13 33 16-0104 EA 16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card.....	8.80	
28 13 33 16-0105 EA 16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card.....	4.76	
Note: Battery powered tag to boost signal.		
<b>28 13 33 16-0106</b> HID, Contactless Smart Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0100)</small>		
28 13 33 16-0107 EA Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10).....	283.24	86.07
Note: For mullion mounting.		
28 13 33 16-0108 EA Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40).....	375.64	86.07
Note: For mullion mounting.		
28 13 33 16-0109 EA Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40).....	583.54	86.07
Note: For mullion mounting.		
<b>28 13 33 16-0110</b> HID, Contactless Smart Card Programmer, Wiegand Output Access Controls <small>(28 13 33 16-0100)</small>		
28 13 33 16-0111 EA HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400).....	1,752.84	86.07
Note: For mullion mounting.		
<b>28 13 33 16-0112</b> Call Station Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>		
Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 13 33 16-0113 EA Call Station With Entry Keypad, Exterior Wiegand Output Access Controls.....	712.14	86.07
Note: For mullion mounting.		
28 13 33 16-0114 EA Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls.....	599.64	86.07
Note: For mullion mounting.		
<b>28 13 33 16-0115</b> Biometrics Readers, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>		
28 13 33 16-0116 EA Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls.....	3,063.67	68.86
28 13 33 16-0117 EA CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls.....	3,736.02	68.86
28 13 33 16-0118 EA Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls.....	1,489.20	68.86
28 13 33 16-0119 EA Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass).....	902.22	68.86
28 13 33 16-0120 EA Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox).....	1,001.22	68.86
28 13 33 16-0121 EA Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart).....	902.22	68.86



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0122		<b>Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 13 33 16)</small> Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 13 33 16-0123		<b>2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 13 33 16-0122)</small>		
28 13 33 16-0124	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	179.96	9.73
		Note: Includes a 5" x 5" base plate.		
28 13 33 16-0125	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	356.96	9.73
		Note: Includes an 8" x 8" base plate.		
28 13 33 16-0126	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	161.96	9.73
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 13 33 16-0127		<b>4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 13 33 16-0122)</small>		
28 13 33 16-0128	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	328.46	9.73
		Note: Includes an 8" x 8" base plate.		
28 13 33 16-0129	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	394.46	9.73
		Note: Includes an 8" x 8" base plate and a 14" offset from back of post.		
28 13 33 16-0130	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	236.96	9.73
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 13 33 16-0131		<b>4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 13 33 16-0122)</small>		
28 13 33 16-0132	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,091.96	9.73
		Note: Includes a 11" x 13" base plate.		
28 13 33 16-0133	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,144.46	9.73
		Note: Includes a 10" x 14" base plate and a 14" offset from back of post.		
28 13 33 16-0134	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	461.96	9.73
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 13 33 16-0135	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	746.96	9.73
28 13 33 16-0136		<b>Access Control Accessories</b> <small>(28 13 33 16)</small>		
28 13 33 16-0137	EA	Modem: Multitech, Mt2834L.....	1,265.17	
28 13 33 16-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, @ 4 Amps, Power Supply/Charger (Altronix SMP-5).....	331.95	
28 13 33 16-0139	EA	12 Volt, 7 Amp, Battery.....	42.86	
28 13 33 16-0140	EA	12 Volt, 18 Amp, Battery.....	95.53	
28 13 33 16-0141	EA	Door Personality Module (Sensormatic RM-4).....	360.98	17.22
28 13 33 16-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400).....	150.36	34.43
28 13 33 16-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C).....	52.43	20.66
28 13 33 16-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB).....	393.16	13.77
28 13 33 16-0145	EA	Surge Suppressor (Tripp-Lite IBAR4).....	59.57	3.45
28 13 33 16-0146	EA	Door Strike Relay (Altronix RBSN-TTL).....	43.80	13.77
28 13 33 16-0147		<b>Access Controllers</b> <small>(28 13 33 16)</small>		
28 13 33 16-0148		<b>Microterm Controller</b> <small>(28 13 33 16-0147)</small>		
28 13 33 16-0149	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICIP1100).....	934.44	86.07
		Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.		
28 13 33 16-0150	EA	Microterm PC Board (Continental Instruments CICIP1100PCB).....	671.45	51.64
28 13 33 16-0151	EA	Battery Standby For Microterm (Continental Instruments CICIP1100BAT-2).....	317.27	
		Note: Input 120VAC, output 12VDC to temporarily power the Microterm only.		
28 13 33 16-0152		<b>Miniterm Controller</b> <small>(28 13 33 16-0147)</small>		
28 13 33 16-0153	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200).....	1,457.79	86.07
		Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, tamper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 13 33 16-0154	EA	Miniterm PC Board (Continental Instrument CICIP1200PCB).....	1,099.21	51.64
28 13 33 16-0155		<b>Super-2 Controller</b> <small>(28 13 33 16-0147)</small>		
28 13 33 16-0156	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300).....	1,081.52	86.07
		Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 13 33 16-0157	EA	Super-Two - PC Board (Continental Instruments CICIP1300BD).....	739.60	51.64
28 13 33 16-0158	EA	Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD).....	206.86	51.64
		Note: Optional on-board adapter allows for communication over TCP/IP.		
28 13 33 16-0159		<b>Smarterm Controller</b> <small>(28 13 33 16-0147)</small>		
28 13 33 16-0160	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400).....	3,053.56	103.29
		Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		

<b>28</b>	<b>Electronic Safety And Security</b>
<b>28 10</b>	<b>Electronic Access Control And Intrusion Detection</b>
<b>28 13</b>	<b>Access Control</b>



ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0161 EA Smarterm PC Board (Continental Instrument CICIP1400PCB) .....	2,346.06	51.64
28 13 33 16-0162 EA Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	914.67	51.64
28 13 33 16-0163 EA Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	1,299.14	51.64
28 13 33 16-0164 EA Smarterm Relay Expander Board (Continental Instrument CICIP1400RB) .....	1,011.04	51.64
28 13 33 16-0165 EA Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB) .....	1,011.04	51.64
28 13 33 16-0165 Note: (Supervised) 16 alarm inputs.		
<b>28 13 33 16-0166 Superterm-4 Controller</b> (28 13 33 16-0147)		
28 13 33 16-0167 EA Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL).....	2,818.94	103.29
28 13 33 16-0167 Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.		
28 13 33 16-0168 EA Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	2,306.62	51.64
<b>28 13 33 16-0169 Superterm-8 Controller</b> (28 13 33 16-0147)		
28 13 33 16-0170 EA Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800) .....	3,755.16	172.14
28 13 33 16-0170 Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.		
28 13 33 16-0171 EA Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800EXP) .....	4,075.56	172.14
28 13 33 16-0171 Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.		
28 13 33 16-0172 EA Superterm-8 PC Board (Continental Instrument CICIP1800PCB) .....	3,105.12	51.64
<b>28 13 33 16-0173 Turbo Superterm-4 Controller</b> (28 13 33 16-0147)		
28 13 33 16-0174 EA Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400ULT).....	2,818.94	103.29
28 13 33 16-0174 Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.		
28 13 33 16-0175 EA Turbo Superterm-4 PC Board (Continental Instrument CICIP1400ULTPCB) .....	2,306.62	51.64
<b>28 13 33 16-0176 Turbo Superterm-8 Controller</b> (28 13 33 16-0147)		
28 13 33 16-0177 EA Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800T).....	3,755.16	172.14
28 13 33 16-0177 Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.		
28 13 33 16-0178 EA Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800TEXP) .....	4,075.56	172.14
28 13 33 16-0178 Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.		
28 13 33 16-0179 EA Turbo Superterm-8 PC Board (Continental Instrument CICIP1800TPCB).....	3,105.12	51.64
28 13 33 16-0180 EA Superterm Memory Board - 2MB (Continental Instrument CICIP1800MB2) .....	1,299.14	51.64
28 13 33 16-0180 Note: Up to 140,000 cardholders.		
28 13 33 16-0181 EA Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICIP1800MB2X2) .....	1,094.08	51.64
28 13 33 16-0181 Note: Up to 140,000 cardholders.		
28 13 33 16-0182 EA Turbo Superterm-8 Relay Expander Board (Continental Instrument CICIP1800RB).....	1,012.08	51.64
28 13 33 16-0182 Note: 16 Output relays, 8 alarm inputs.		
28 13 33 16-0183 EA Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICIP1800RB).....	1,012.08	51.64
28 13 33 16-0183 Note: (Supervised) 16 Alarm inputs.		
28 13 33 16-0184 EA Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICIPEXPWS).....	410.97	
<b>28 13 33 16-0185 Access Control Bundled System</b> (28 13 33 16)		
28 13 33 16-0186 EA CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0).....	20,386.74	
28 13 33 16-0186 Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.		
<b>28 13 33 16-0187 Magnetic Locks</b> (28 13 33 16)		
28 13 33 16-0187 Note: Excludes access controls.		
<b>28 13 33 16-0188 Magnetic Door Locks</b> (28 13 33 16-0187)		
<b>28 13 33 16-0189 300 LB Magnetic Door Locks</b> (28 13 33 16-0188)		
28 13 33 16-0190 EA Single Door, Surface Mount, 300 LB Magnetic Door Lock.....	316.22	68.86
<b>28 13 33 16-0191 600 LB Magnetic Door Locks</b> (28 13 33 16-0188)		
28 13 33 16-0192 EA Single Door, Surface Mount, 600 LB Magnetic Door Lock.....	439.97	68.86
28 13 33 16-0192 For LED Status Indicator And Signal Relay, Add	37.78	
28 13 33 16-0192 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	75.56	
28 13 33 16-0192 For Mortise Mount, Deduct	-60.45	
28 13 33 16-0193 EA Dual Doors, Surface Mount, 600 LB Magnetic Door Lock.....	643.22	68.86
28 13 33 16-0193 For LED Status Indicator And Signal Relay, Add	63.19	
28 13 33 16-0193 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	126.38	
<b>28 13 33 16-0194 1,200 LB Magnetic Door Locks</b> (28 13 33 16-0188)		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0195 EA Single Door, Surface Mount, 1,200 LB Magnetic Door Lock..... <i>For LED Status Indicator And Signal Relay, Add</i>	458.72 73.83	68.86
28 13 33 16-0196 EA Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock ..... <i>For LED Status Indicator And Signal Relay, Add</i>	683.72 125.58	68.86
28 13 33 16-0197 <b>2,000 LB Shear Lock, Magnetic And Mechanical Locks</b> (28 13 33 16-0188) Note: Includes LED status indicator and built-in signal relay.		
28 13 33 16-0198 EA Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock.....	478.97	68.86
28 13 33 16-0199 <b>Magnetic Gate Locks</b> (28 13 33 16-0187)		
28 13 33 16-0200 <b>600 LB Magnetic Gate Locks</b> (28 13 33 16-0199)		
28 13 33 16-0201 EA 600 LB Magnetic Gate Lock.....	365.72	68.86
28 13 33 16-0202 <b>1,200 LB Magnetic Gate Locks</b> (28 13 33 16-0199)		
28 13 33 16-0203 EA 1,200 LB Magnetic Gate Lock..... <i>For LED Status Indicator And Signal Relay, Add</i>	433.97 37.03	68.86
28 13 33 16-0204 <b>Magnetic Lock Power Supply And Chargers</b> (28 13 33 16-0187) Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 13 33 16-0205 EA 12/24 Volt DC At 1 Amp, Magnetic Lock Backup Power Supply And Charger.....	278.40	68.86
28 13 33 16-0206 EA 12/24 Volt DC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger .....	346.40	68.86
28 13 33 16-0207 EA 12 Volt DC At 4 Amp And 24 Volt DC At 3 Amp, Magnetic Lock Backup Power Supply And Charger .....	386.40	68.86
28 13 33 16-0208 EA 12/24 Volt DC At 6 Amp, Magnetic Lock Backup Power Supply And Charger.....	478.40	68.86
<b>28 13 53 Security Access Detection</b> (28 13)		
<b>28 13 53 13 Security Access Metal Detectors</b> (28 13 53)		
28 13 53 13-0001 <b>Metal Detectors</b> (28 13 53 13)		
28 13 53 13-0002 EA Hand-Held Metal Detector .....	206.09	17.22
28 13 53 13-0003 EA Walk-Through Metal Detector, Complete Unit .....	4,883.81	275.43
<b>28 20 Electronic Surveillance</b> (28)		
Note: Includes testing of new devices and certification.		
<b>28 23 Video Surveillance</b> (28 20)		
28 23 00 00-0001 <b>Closed Circuit Television And Surveillance Systems (Vicon)</b> (28 23) Note: Includes a 3 year manufacturer's warranty. Use Vicon replacement models, "or equal", when the listed models are superseded.		
28 23 00 00-0002 <b>Vicon CCTV Factory Project Management Program</b> (28 23 00 00-0001) Note: For first time installations at a facility.		
28 23 00 00-0003 EA Factory Project Management Program For 1 To 20 Camera System Vicon CCTV Installation Support.....	3,499.80	
28 23 00 00-0004 EA Factory Project Management Program For 21 To 40 Camera System Vicon CCTV Installation Support.....	4,374.75	
28 23 00 00-0005 EA Factory Project Management Program For >40 Camera System Vicon CCTV Installation Support.....	5,249.70	
28 23 00 00-0006 <b>Digital Video Transport And Storage Systems</b> (28 23 00 00-0001)		
28 23 00 00-0007 <b>Kollector Pro Digital Recorders</b> (28 23 00 00-0006)		
28 23 00 00-0008 EA 2-Port KVM Switch.....	120.16	7.74
28 23 00 00-0009 EA 16-Channel Digital Recorder, 30 fps, 160 GB HDD.....	4,034.61	17.25
28 23 00 00-0010 EA 16-Channel Digital Recorder, 30 fps, 160 GB HDD.....	4,323.35	17.25
28 23 00 00-0011 EA 16-Channel Digital Recorder, 30 fps, 320 GB HDD.....	4,488.19	17.25
28 23 00 00-0012 EA 16-Channel Digital Recorder, 30 fps, 320 GB HDD.....	4,776.92	17.25
28 23 00 00-0013 EA 16-Channel Digital Recorder, 30 fps, 500 GB HDD.....	4,942.81	17.25
28 23 00 00-0014 EA 16-Channel Digital Recorder, 30 fps, 500 GB HDD.....	5,231.55	17.25
28 23 00 00-0015 EA 16-Channel Digital Recorder, 60 fps, 250 GB HDD.....	4,886.11	17.25

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0016 EA 16-Channel Digital Recorder, 60 fps, 250 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-250.	5,174.85	17.25
28 23 00 00-0017 EA 16-Channel Digital Recorder, 60 fps, 400 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX60-400.	5,453.08	17.25
28 23 00 00-0018 EA 16-Channel Digital Recorder, 60 fps, 400 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-400.	5,741.82	17.25
28 23 00 00-0019 EA 16-Channel Digital Recorder, 60 fps, 660 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KP60-660.	6,021.10	17.25
28 23 00 00-0020 EA 16-Channel Digital Recorder, 60 fps, 660 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-660.	6,309.83	17.25
28 23 00 00-0021 EA 16-Channel Digital Recorder, 120 fps, 250 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-250.	6,077.80	17.25
28 23 00 00-0022 EA 16-Channel Digital Recorder, 120 fps, 250 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-250.	6,366.53	17.25
28 23 00 00-0023 EA 16-Channel Digital Recorder, 120 fps, 500 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-500.	6,929.30	17.25
28 23 00 00-0024 EA 16-Channel Digital Recorder, 120 fps, 500 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-500.	7,218.03	17.25
28 23 00 00-0025 EA 16-Channel Digital Recorder, 120 fps, 900 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-900.	8,064.28	17.25
28 23 00 00-0026 EA 16-Channel Digital Recorder, 120 fps, 900 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-900.	8,353.02	17.25
28 23 00 00-0027 EA 16-Channel Digital Recorder, 120 fps, 1200 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-1200.	8,923.13	17.25
28 23 00 00-0028 EA 16-Channel Digital Recorder, 120 fps, 1200 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-1200.	9,211.87	17.25
28 23 00 00-0029 EA 16-Channel Digital Recorder, 240 fps, 320 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-320.	8,915.78	17.25
28 23 00 00-0030 EA 16-Channel Digital Recorder, 240 fps, 320 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-320.	9,204.52	17.25
28 23 00 00-0031 EA 16-Channel Digital Recorder, 240 fps, 900 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-900.	10,617.74	17.25
28 23 00 00-0032 EA 16-Channel Digital Recorder, 240 fps, 900 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-900.	10,906.47	17.25
28 23 00 00-0033 EA 16-Channel Digital Recorder, 240 fps, 1200 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX24-1200.	11,469.24	17.25
28 23 00 00-0034 EA 16-Channel Digital Recorder, 240 fps, 1200 GB HDD ..... Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX24M-1200.	11,757.97	17.25
<b>28 23 00 00-0035 Kollektor Elite Digital Recorders And Master Workstations (28 23 00 00-0006)</b>		
28 23 00 00-0036 EA 16-Channel Digital Recorder, 120 fps, 250 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-250.	8,574.55	17.25
28 23 00 00-0037 EA 16-Channel Digital Recorder, 120 fps, 500 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-500.	9,426.06	17.25
28 23 00 00-0038 EA 16-Channel Digital Recorder, 120 fps, 900 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-900.	10,277.56	17.25
28 23 00 00-0039 EA 16-Channel Digital Recorder, 120 fps, 1200 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1200.	11,130.11	17.25
28 23 00 00-0040 EA 16-Channel Digital Recorder, 120 fps, 1600 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1600.	12,264.04	17.25
28 23 00 00-0041 EA 16-Channel Digital Recorder, 240 fps, 320 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-300.	10,987.32	17.25
28 23 00 00-0042 EA 16-Channel Digital Recorder, 240 fps, 660 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-660.	11,837.77	17.25
28 23 00 00-0043 EA 16-Channel Digital Recorder, 240 fps, 900 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-900.	12,689.27	17.25
28 23 00 00-0044 EA 16-Channel Digital Recorder, 240 fps, 1200 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1200.	13,539.72	17.25
28 23 00 00-0045 EA 16-Channel Digital Recorder, 240 fps, 1600 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1600.	14,678.91	17.25
28 23 00 00-0046 EA 16-Channel Digital Recorder, 480 fps, 250 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-250.	13,712.96	17.25
28 23 00 00-0047 EA 16-Channel Digital Recorder, 480 fps, 1200 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1200.	16,124.67	17.25
28 23 00 00-0048 EA 16-Channel Digital Recorder, 480 fps, 1600 GB Internal HDD ..... Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1600.	17,288.01	17.25
<b>28 23 00 00-0049 Kollektor Network Servers (28 23 00 00-0006)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0050 EA Kollector Network Server, 120 fps, 40 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-40.	4,317.75	17.25
28 23 00 00-0051 EA Kollector Network Server, 120 fps, 400 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-400.	5,595.17	17.25
28 23 00 00-0052 EA Kollector Network Server, 120 fps, 800 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-800.	7,156.09	17.25
<b>28 23 00 00-0053 ViconNet IP Video Servers And Camera/Server</b> (28 23 00 00-0006)		
28 23 00 00-0054 EA ViconNet 1-Channel Video Server..... Note: Accepts 1 analog video input for transmission over TCP/IP network (30 fps total). Includes ViconNet VN100V3 4-channel viewing software. Vicon model VN-301TV3.	913.14	17.25
28 23 00 00-0055 EA ViconNet 4-Channel Digital Video Server..... Note: 120 fps, ViconNet VN100V3 4-channel viewing software. Vicon model KTX-4.	1,638.65	17.25
28 23 00 00-0056 EA IP Camera/ 4-Channel Digital Video Server..... Note: 120 fps, ViconNet Version 3.0; audio input/output; power over ethernet capability. Vicon model VN-755IPV3.	1,197.68	17.25
28 23 00 00-0057 EA Alarm/Audio Accessory Kit For VN-755IP..... Note: Provides for alarm and audio capability. Vicon model VN-755KIT.	40.20	6.90
28 23 00 00-0058 EA Double Width Rack Kit For Use With KTX-4 IP Encoder ..... Note: Mounts two (2) KTX-4 encoders in standard 19" rack. Vicon model KX-4-RK2.	119.21	4.10
<b>28 23 00 00-0059 ViconNet Software Enhancement</b> (28 23 00 00-0006)		
28 23 00 00-0060 EA Viconnet Software Enhancements For Kollector Elite Recorders ..... Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SE.	1,083.41	
28 23 00 00-0061 EA Viconnet Software Enhancements For Kollector Pro Recorders..... Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SE.	942.03	
28 23 00 00-0062 EA Viconnet Software Enhancements For Kollector Network Servers ..... Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KN-SE.	706.57	
28 23 00 00-0063 EA Viconnet Software Enhancements For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-1000-SE.	239.30	
28 23 00 00-0064 EA Viconnet Software Enhancements For 16-Channel Viewer Software ..... Note: For ViconNet VN500. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-500-SE.	71.80	
<b>28 23 00 00-0065 ViconNet Software Maintenance Programs</b> (28 23 00 00-0006)		
28 23 00 00-0066 EA ViconNet Software Maintenance For Kollector Elite Recorders..... Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SM.	134.30	
28 23 00 00-0067 EA ViconNet Software Maintenance For Kollector Pro Recorders ..... Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SM.	120.16	
28 23 00 00-0068 EA ViconNet Software Maintenance For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-1000-SM.	63.63	
28 23 00 00-0069 EA ViconNet Software Maintenance For 16-Channel Viewer..... Note: For ViconNet VN500. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-500-SM.	35.34	
<b>28 23 00 00-0070 ViconNet Options</b> (28 23 00 00-0006)		
28 23 00 00-0071 EA 16-Bay Raid Storage Unit, 16-160 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-160.	12,759.26	17.25
28 23 00 00-0072 EA 16-Bay Raid Storage Unit, 16-250 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-250.	15,357.87	17.25
28 23 00 00-0073 EA Network Switch, 8-Channel LAN Connections..... Note: 10/100 Autosensing ports. Vicon model NETSWITCH-8.	161.49	11.49
28 23 00 00-0074 EA Network Switch, 16-Channel LAN Connections..... Note: 10/100 Autosensing ports. Vicon model NETSWITCH-16.	208.74	11.49
28 23 00 00-0075 EA Network Switch, 24-Channel LAN Connections..... Note: 10/100/1000 Autosensing ports. Vicon model NETSWITCH-24.	861.45	11.49
28 23 00 00-0076 EA Uninterruptible Power Supply, Desk-top, 725 VA/450W ..... Note: USB control port, 120 VAC input/output. Vicon model V725-UPS.	177.24	11.49
28 23 00 00-0077 EA 8-Bay Raid Storage Unit, 8-250 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection, includes eight 250 GB hot swappable hard drives. Vicon model VN-RAID-8-250.	8,176.63	17.25

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0078 EA 17" S-VGA Monitor..... Note: For use with Kollektor Elite and Kollektor Pro Recorders and VN-NVR Workstation. Vicon model VN-MON.	322.48	11.49
28 23 00 00-0079 EA 17" S-VGA TFT LCD Monitor..... Note: For use with Kollektor Elite and Kollektor Pro Recorders and VN-NVR Workstation. Vicon model VN-17FLT.	728.46	11.49
28 23 00 00-0080 EA PC-To-TV Converter, Self-Powered USB Interface ..... Note: VGA in and VGA out connections, composite and S-video (NTSC) output. Vicon model VGEZ-1000.	153.09	11.49
<b>28 23 00 00-0081 AurorACorD Digital Video Multiplexer And Recorder (28 23 00 00-0006)</b>		
28 23 00 00-0082 EA Digital Video Multiplexer And Recorder, 30 fps, 80 GB HDD ..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD80.	2,611.59	17.25
28 23 00 00-0083 EA Digital Video Multiplexer And Recorder, 30 fps, 160 GB HDD..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD160.	2,758.59	17.25
28 23 00 00-0084 EA Digital Video Multiplexer And Recorder, 30 fps, 2-160 GB HDDs..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD320.	3,131.31	17.25
28 23 00 00-0085 EA Digital Video Multiplexer And Recorder, 30 fps, 2-250 GB HDDs ..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD500.	3,558.29	17.25
<b>28 23 00 00-0086 AurorACorD Options (28 23 00 00-0006)</b>		
Note: Also used for AurorA2000.		
28 23 00 00-0087 EA Remote Keyboard..... Note: Provides control for up to 16 AurorA 2000 or AurorACorD units and 16 VCRs. Vicon model AUR2K-KBD.	605.97	11.49
<b>28 23 00 00-0088 Digital Video Recorders (28 23 00 00-0006)</b>		
28 23 00 00-0089 EA 4-Channel Digital Video Recorder, 120 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-12CD.	1,381.41	17.25
28 23 00 00-0090 EA 4-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	1,622.90	17.25
28 23 00 00-0091 EA 8-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	2,189.87	17.25
28 23 00 00-0092 EA 4-Channel Digital Video Recorder, 500 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-50CD.	2,205.62	17.25
<b>28 23 00 00-0093 ViconNet Network Video Recorder Software Version 3.0 (28 23 00 00-0006)</b>		
28 23 00 00-0094 EA ViconNet NVR And Workstation Software ..... Note: For use with ViconNet 3.0 digital recorders, video servers and ViconNet IP cameras. Single PC license. Vicon model VN1000V3	1,481.16	
28 23 00 00-0095 EA ViconNet Multi-Pack, 10 User License Pack Of VN1000V3 NVR ..... Note: Vicon model VN1000V3-10.	8,470.92	
28 23 00 00-0096 EA ViconNet 16-Channel Viewer Software, Version 3..... Note: Single PC license. Vicon model VN500V3.	634.91	
28 23 00 00-0097 EA ViconNet 4-Channel Viewer Software, Version 3..... Note: Single PC license. Vicon model VN500V3.	200.23	
28 23 00 00-0098 EA ViconNet-Hirsch Integration Software..... Note: To use ViconNet on a Hirsch Velocity access control workstation. Vicon model VN-HIRSCH-INT.	4,268.75	
<b>28 23 00 00-0099 Network Video Recorders Version 3.0 (28 23 00 00-0006)</b>		
28 23 00 00-0100 EA Network Video Recorder, 80 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-80.	3,609.39	17.25
28 23 00 00-0101 EA Network Video Recorder, 800 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-800.	5,878.31	17.25
28 23 00 00-0102 EA Network Video Recorder, 1200 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1200.	7,030.09	17.25
28 23 00 00-0103 EA Network Video Recorder, 1600 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1600.	8,153.53	17.25
<b>28 23 00 00-0104 ViconNet Version 3.0 Compatible Keypads Interface Converter (28 23 00 00-0006)</b>		
28 23 00 00-0105 EA RS-252/RS-422 Interface Converter..... Note: Required to allow matrix keyboard to work with all PC workstations and Kollektor Elites and Pros with older version hardware backpanels (with RJ-45 connectors). Vicon model V422-CONV.	239.08	17.25
<b>28 23 00 00-0106 Cameras And Accessories (28 23 00 00-0001)</b>		
<b>28 23 00 00-0107 Camera Dome Systems And Cameras (28 23 00 00-0106)</b>		
<b>28 23 00 00-0108 SurveyorVFT 22X High Sensitivity IP Camera Dome Systems (28 23 00 00-0107)</b>		
28 23 00 00-0109 EA Indoor/In-Ceiling, Color Camera Dome..... Note: Vicon model SVFT-C22. Includes variable-speed drive, in-ceiling metal housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,346.25	100.96
28 23 00 00-0110 EA Indoor/Pendant, Color Camera Dome..... Note: Vicon model SVFT-P22. Includes variable-speed drive; pendant upper housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,483.64	106.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0111 EA Outdoor Camera Dome ..... Note: Vicon model SVFT-W22. Includes variable-speed drive, environmental housing, 22X high-sensitivity high-resolution camera/lens with ExView technology and clear outer dome.	2,551.28	109.78
<b>28 23 00 00-0112 SurveyorVFT 23X Day/Night Camera Dome Systems</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0113 EA Indoor In-Ceiling Day/Night Camera Dome..... Note: Includes variable-speed drive, in-ceiling metal housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-C23.	2,551.63	109.78
28 23 00 00-0114 EA Indoor Pendant Day/Night Camera Dome ..... Note: Includes variable-speed drive, pendant upper housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-P23.	2,688.67	115.70
28 23 00 00-0115 EA Outdoor Day/Night Camera Dome ..... Note: Includes variable-speed drive, environmental housing, 23X high-resolution day/night camera/lens with wide dynamic range and clear outer dome. Vicon model SVFT-W23.	2,756.32	118.61
<b>28 23 00 00-0116 SurveyorVFT 35X Day/Night Camera Dome Systems</b> <small>(28 23 00 00-0107)</small> Note: Wide dynamic range and image stabilization camera dome systems.		
28 23 00 00-0117 EA Outdoor Day/Night Camera Dome ..... Note: Includes variable speed drive, environmental housing, 35X high-resolution day/night camera/lens with wide dynamic range and image stabilization and clear outer dome. Vicon model SVFT-W35.	3,147.63	136.73
<b>28 23 00 00-0118 SurveyorVFT 22X Cost Effective Camera Dome Systems</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0119 EA Indoor/In-Ceiling, Color Camera Dome ..... Note: Vicon model SVFT-C22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,671.97	71.95
28 23 00 00-0120 EA Indoor/Pendant, Color Camera Dome ..... Note: Vicon model SVFT-P22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,722.70	74.14
28 23 00 00-0121 EA Outdoor Variable-Speed Color Camera Dome ..... Note: Vicon model SVFT-W22CA. Includes camera drive, environmental housing, 22X high-resolution color camera/lens and clear outer dome.	1,809.36	77.86
<b>28 23 00 00-0122 SurveyorVFT Indoor Lower Dome Options</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0123 EA Smoked Lower Dome, For SurveyorVFT Indoor Domes ..... Note: Vicon model SVFT-SMK.	59.19	2.55
28 23 00 00-0124 EA Chrome Lower Dome, For SurveyorVFT Indoor Domes ..... Note: Vicon model SVFT-CHR.	128.93	5.55
28 23 00 00-0125 EA Gold Lower Dome, For SurveyorVFT Indoor Domes ..... Note: Vicon model SVFT-GLD.	196.58	8.46
<b>28 23 00 00-0126 SurveyorVFT Video Transmission Options</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0127 EA Fiber Optic Option, For SurveyorVFT Domes ..... Note: Vicon "F" option. Add -F suffix to any Surveyor VFT dome model number and substitute -30 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-F (8701-30)). Use with VF-1400 series fiber receivers only (found in Fiber optic section).	813.79	35.02
28 23 00 00-0128 EA NVT Twisted Pair Option, For SurveyorVFT Domes ..... Note: Vicon "T" option. Add -T suffix to any Surveyor VFT dome model number and substitute -40 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-T (8701-40)).	33.82	1.46
28 23 00 00-0129 EA ViconNet TCP/IP Option, For SurveyorVFT Domes ..... Note: Vicon "V3" option. Add "V3" suffix to any SurveyorVFT dome model number and substitute -25 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-V3 (8701-25)).	778.44	35.02
<b>28 23 00 00-0130 SurveyorVFT Hardware Options</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0131 EA Upgrade Kit, Converts Non-IP SurveyorVFT Domes To IP Version ..... Note: Vicon model SVFT-IP-UPG.	951.19	40.93
<b>28 23 00 00-0132 SurveyorVFT Pressurized Camera Dome Systems And Accessories</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0133 EA Wall Mount For SurveyorVFT Pressurized Domes ..... Note: Vicon model SVFT-PR-WMA.	169.10	7.27
28 23 00 00-0134 EA Pipe Adapter ..... Note: For mounting SurveyorVFT Pressurized Domes to 1-1/2" diameter pipe. Vicon model SVFT-PR-P.	101.46	4.37
28 23 00 00-0135 EA Fiber Optic Option For SurveyorVFT Pressurized Domes ..... Note: Add -F suffix to any Surveyor VFT Pressurized dome model number and substitute -30 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-F (8769-30)). Use with VF-1400 series fiber receivers only (found in fiber optic section). Vicon model "F" Pressurized Option.	1,532.46	65.95
28 23 00 00-0136 EA NVT Twisted Pair Option For SurveyorVFT Pressurized Domes ..... Note: Add -T suffix to any Surveyor VFT Pressurized dome model number and substitute -40 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-T (8769-40)). Vicon model "T" Pressurized Option.	33.82	1.46
28 23 00 00-0137 EA VICONNET TCP/IP Option For SurveyorVFT Pressurized Domes ..... Note: Add "V3-V" suffix to any SurveyorVFT pressurized dome model number and substitute -25 at the end of the product code. Vicon model "V3" Pressurized Option. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-V3 (8769-25)).	1,113.60	47.93

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0138 EA Pressurized Camera Dome..... Note: Includes variable-speed camera drive, 22X high-resolution color camera with ExView technology and cast aluminum upper housing with clear lower dome. Vicon model SVFT-PRS22E.	3,293.53	153.00
28 23 00 00-0139 EA Pressurized Camera Dome, Day/Night, 23X High-Resolution..... Note: Includes variable-speed drive, 23X high-resolution day/night camera with wide dynamic range, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS23.	3,485.44	158.45
28 23 00 00-0140 EA Pressurized Camera Dome, Day/Night, 35X High-Resolution..... Note: Includes variable-speed drive, 35X high-resolution day/night camera with wide dynamic range and image stabilization, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS35.	3,804.62	158.45
28 23 00 00-0141 EA Pre-Wired Coaxial Cable.....	247.79	
28 23 00 00-0142 EA Pre-Wired Twisted Pair Cable..... Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12.	268.78	
<b>28 23 00 00-0143 SurveyorVFT Impact-Resistant Camera Domes And Accessories (28 23 00 00-0107)</b>		
28 23 00 00-0144 EA Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-resolution color camera/lens. Vicon model SVFT-M22.	2,133.19	91.80
28 23 00 00-0145 EA Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-sensitivity high-resolution color camera/lens with ExView technology. Vicon model SVFT-M22E.	2,672.10	137.80
28 23 00 00-0146 EA Impact-Resistant Camera Dome, 23X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 23X high-resolution day/night color camera with wide dynamic range. Vicon model SVFT-M23.	2,886.39	148.86
28 23 00 00-0147 EA Impact-Resistant Camera Dome, 35X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 35X high-resolution day/night color camera with wide dynamic range and image stabilization. Vicon model SVFT-M35.	3,288.52	169.59
<b>28 23 00 00-0148 SurveyorVFT Fixed Camera Domes, Color (28 23 00 00-0107)</b>		
28 23 00 00-0149 EA Outdoor Fixed Camera Dome, 5-50 mm Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 5-50 mm varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W550A.	1,010.36	43.48
28 23 00 00-0150 EA In-Ceiling Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-C3312.	598.53	25.74
28 23 00 00-0151 EA Pendant Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-P3312.	649.27	27.92
28 23 00 00-0152 EA Outdoor Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312.	803.92	34.56
28 23 00 00-0153 EA Outdoor Fixed Camera Dome, 3.3-1 mm Autoiris Varifocal Lens, D/N..... Note: Includes 1/4" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312DN.	906.80	39.02
<b>28 23 00 00-0154 SurveyorVFT Power Supplies For Camera Domes (28 23 00 00-0107)</b>		
28 23 00 00-0155 EA Power Supply, 28 Volt AC Output, 2.5 Amps..... Note: For indoor SurveyorVFT camera domes. Vicon model S28PS-1.	29.59	1.28
28 23 00 00-0156 EA Power Supply, 28 Volt AC Output, 4 Amps..... Note: For outdoor SurveyorVFT camera domes. Vicon model S28WPS-1.	42.27	1.82
28 23 00 00-0157 EA Power Supply; 120 Volt AC Input / 24 Volt AC Output For Camera Domes, UL Listed Class 2/3..... Note: For outdoor SurveyorVFT camera domes. Vicon model S24WPS-1.	33.44	1.28
28 23 00 00-0158 EA Power Supply, Four-Channel, 120 Volt AC Input, 24/28 Volt AC Output..... Note: 7/6.25 amps (total). Vicon model V2448-175PS.	169.10	7.27
28 23 00 00-0159 EA Power Supply, Eight-Channel, 120 Volt AC Input, 24/28 Volt AC Output..... Note: 12.5/10 amps (total). Vicon model V248-300PS.	219.83	9.46
28 23 00 00-0160 EA Power Supply, Eight-Channel, 120 Volt AC Input, 24 Volt AC Output..... Note: 25 amps (total). Vicon model V248-600PS.	253.65	10.91
28 23 00 00-0161 EA Power Supply, Sixteen-Channel, 120 Volt AC Input, 24/28 Volt AC Output..... Note: 25/20 amps (total). Vicon model V2416-300PS.	376.24	16.20
28 23 00 00-0162 EA Power Supply, Heavy Duty Single-Channel..... Note: For use with SurveyorVFT pressurized and outdoor impact-resistant camera domes; 28 VAC output, 6.25 amps. Vicon model S28HD-PS.	80.32	3.46
<b>28 23 00 00-0163 SurveyorVFT Dome Mounting Options (28 23 00 00-0107)</b>		
28 23 00 00-0164 EA Ceiling Panel Support, For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UCP.	67.64	2.91
28 23 00 00-0165 EA Wall Mount, Indoor/Outdoor, For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UWM.	122.59	5.27
28 23 00 00-0166 EA Wall Mount, Indoor/Outdoor, Short..... Note: For SurveyorVFT camera dome systems. Vicon model SVFT-WM.	82.44	3.55
28 23 00 00-0167 EA Ceiling Mount, Indoor/Outdoor For SurveyorVFT Camera Dome System..... Note: Vicon model SVFT-UCM.	42.27	1.82
28 23 00 00-0168 EA Goose Neck Parapet Mount For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UPM-1.	272.68	11.73
28 23 00 00-0169 EA Goose Neck Roof Mount For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-URM-1.	443.89	19.10
28 23 00 00-0170 EA In-Ceiling Mount Kit For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-IC-KT.	42.27	1.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0171</b> <b>Cost-Effective Impact-Resistant Camera Dome</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0172 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens ..... Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600W.	412.32	17.25
28 23 00 00-0173 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens ..... Note: Day/Night. 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WDN.	473.22	17.25
28 23 00 00-0174 EA Outdoor 3" Camera Dome, IR Illuminated, Color 3.7mm Fixed Lens..... Note: 550 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WIR.	444.87	17.25
28 23 00 00-0175 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens ..... Note: Wide dynamic range, color 3.3-12mm varifocal autoiris lens, 480 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610W.	516.26	17.25
<b>28 23 00 00-0176</b> <b>Fixed Position Domes</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0177 EA 3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens ..... Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600.	346.17	17.25
28 23 00 00-0178 EA 3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens ..... Note: 480 HTVL, wide dynamic range, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610.	486.87	17.25
28 23 00 00-0179 EA Adapter Plate..... Note: To mount the VC-600/VC-610 into a 4" x 4" electrical box. Vicon model VC-610.	19.50	1.73
<b>28 23 00 00-0180</b> <b>Roughneck V926 Impact Resistant Camera Domes</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0181 EA In-Ceiling Dome Camera, Outdoor, 2.8 mm Varifocal Autoiris Lens ..... Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926FF-CA.	437.54	18.83
28 23 00 00-0182 EA In-Ceiling Dome Camera, Outdoor, 3.36-12 Varifocal Autoiris Lens..... Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.36-12mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926-W3312.	580.93	25.02
28 23 00 00-0183 EA In-Ceiling Dome Camera, Outdoor, 3.3-12 Varifocal Autoiris Lens..... Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926-W3312T.	606.29	26.10
28 23 00 00-0184 EA In-Ceiling Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor, includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926W3312DN.	665.98	25.02
<b>28 23 00 00-0185</b> <b>Roughneck V910 Impact Resistant Camera Domes</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0186 EA Surface Mount Dome Camera, 2.8mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V910FF-CA.	437.54	18.83
28 23 00 00-0187 EA Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3-in. high-resolution color camera with ExView high-sensitivity CCD and 3.3-12 mm varifocal autoiris lens and heater; UTP video transmission, 24 VAC. Vicon model V910-W3312T.	606.29	26.10
28 23 00 00-0188 EA Surface Mount Day/Night Outdoor Dome Camera..... Note: Includes 1/4" high-resolution color/monochrome camera and 3.3-12mm day/night varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312DN.	683.44	29.38
28 23 00 00-0189 EA Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD and 3.3-12mm varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312.	580.93	25.02
<b>28 23 00 00-0190</b> <b>Roughneck V910 Mounting Options</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0191 EA Pendant Adapter, For Use With V910 Dome Series ..... Note: Adapts V910 to work with SVFT-UWM, SVT-WM, and SVFT-UCM pendant mounts; indoor/outdoor. Vicon model V910-PH.	41.92	1.82
28 23 00 00-0192 EA In-Ceiling Mounting Kit, For Use With V910 Dome Series..... Note: For drop ceiling installations. Vicon model V910-ICD.	158.53	6.82
28 23 00 00-0193 EA In-Ceiling Mounting Kit, For Use With V910 Dome Series..... Note: For hard ceiling installations. Vicon model V910-ICH.	145.85	6.28
<b>28 23 00 00-0194</b> <b>Roughneck V910 Fixed Impact Resistant IP Camera Dome</b> <small>(28 23 00 00-0107)</small>		
28 23 00 00-0195 EA Surface Mount Indoor Dome Camera ..... Note: UTP video transmission. Vicon model V910-3312T.	536.54	21.00
28 23 00 00-0196 EA Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312V3.	1,352.10	58.21
28 23 00 00-0197 EA Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/4" day/night camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312DNV3.	1,454.60	62.58
28 23 00 00-0198 EA Fixed IP Outdoor Camera Dome, 2.8mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 2.8mm autoiris fixed lens; heater. Vicon model V910-28V3.	1,207.98	52.03
<b>28 23 00 00-0199</b> <b>Roughneck Corner Mount High Security Camera</b> <small>(28 23 00 00-0107)</small>		

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0200 EA Indoor, 1/3" High-Resolution Color Camera..... Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312.	588.28	25.02
28 23 00 00-0201 EA Indoor, 1/4" Day/Night High-Resolution Color Camera..... Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312DN.	683.44	29.38
<b>28 23 00 00-0202 Roughneck Wall Mount High Security Camera (2823 00 00-0107)</b>		
28 23 00 00-0203 EA Indoor, 1/3" High-Resolution Color Camera..... Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312.	588.28	25.02
28 23 00 00-0204 EA Indoor, 1/4" Day/Night High-Resolution Camera..... Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312DN.	683.44	29.38
<b>28 23 00 00-0205 Environmental Housing Cameras (28 23 00 00-0107)</b>		
28 23 00 00-0206 EA Outdoor, 1/3" Day/Night Color Camera..... Note: 3.3-12mm Autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-620.	488.27	21.01
28 23 00 00-0207 EA Outdoor, 1/3" Day/Night Color Camera..... Note: 5-50mm autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-621.	1,026.89	21.01
<b>28 23 00 00-0208 Monochrome Cameras (28 23 00 00-0107)</b>		
28 23 00 00-0209 EA 1/3" Format, 24 Volt AC, 380 Lines Resolution..... Note: With linear shutter. Vicon model VC2153A-24.	145.85	6.28
28 23 00 00-0210 EA 1/3" Format, 24 Volt AC, 580 Lines High-Resolution..... Note: With linear shutter. Vicon model VC2430A-24.	205.03	8.82
<b>28 23 00 00-0211 Color Cameras (28 23 00 00-0107)</b>		
28 23 00 00-0212 EA 1/3" Format, 24 Volt AC, 330 TVL (0.2 lux)..... Note: Vicon model VC355-DSP.	205.03	8.82
28 23 00 00-0213 EA 1/3" Format, High-Resolution Color, 480 TVL (0.4 lux)..... Note: Vicon model VC365-DSP.	238.85	10.28
28 23 00 00-0214 EA 1/3" Format, High-Resolution Color, 480 TVL (0.4 lux), ExView..... Note: ExView Super HAD CCD. Vicon model VC465-DSP.	317.06	13.64
28 23 00 00-0215 EA 1/3" Format, DSP, 3.3-12mm Autoiris Varifocal Lens..... Note: 480 TVL (0.2 lux), 12VDC/24VAC. Vicon model VC-630.	334.81	13.64
<b>28 23 00 00-0216 Day/Night Cameras (28 23 00 00-0107)</b>		
28 23 00 00-0217 EA Day/Night Camera, 1/3" Format..... Note: 24 VAC high-resolution color/monochrome operation; 480 TVL (day) and 580 TVL (night) horizontal resolution. Vicon model VC565DN.	424.96	23.56
28 23 00 00-0218 EA Wide Dynamic Range Day/Night Camera..... Note: Color/Monochrome operation, C/CS mount, 480 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC632.	491.11	23.56
<b>28 23 00 00-0219 Camera Power Supplies (28 23 00 00-0107)</b>		
28 23 00 00-0220 EA Power Supply, Converts 120 Volt AC To 24 Volt AC..... Note: Vicon model VC24PS-1.	14.80	0.63
28 23 00 00-0221 EA Power Supply, For Roughneck Corner And Wall Mount Cameras..... Note: Converts 120 VAC to 12 VDC, 0.5 amps. Vicon model V894PS-12.	33.82	1.46
28 23 00 00-0222 EA Power Supply, 8-Channel, Converts 120 Volt AC To 24 Volt AC..... Note: 0.4 Amps/channel; used for fixed cameras with isolation. Vicon model V248-3.5PS.	179.66	7.74
28 23 00 00-0223 EA Power Supply, 16-Channel, Converts 120 Volt AC To 24 Volt AC..... Note: 0.5 Amps/channel; used for fixed cameras with isolation. Vicon model V2416-8PS.	333.97	14.37
<b>28 23 00 00-0224 Pan And Tilt Devices (28 23 00 00-0106)</b>		
<b>28 23 00 00-0225 Pan-And-Tilt Drives (28 23 00 00-0224)</b>		
28 23 00 00-0226 EA 7.5 LB Load, Indoor, With Integral Wall Mount..... Note: Vicon model V3030APT.	289.58	12.46
28 23 00 00-0227 EA 7.5 LB Load, Indoor, With Square Base..... Note: For mounting on horizontal surfaces. Vicon model V3030APT-SB.	289.58	12.46
28 23 00 00-0228 EA 10 LB Load, Outdoor..... Note: Vicon model V3400APT-1.	598.18	25.74
28 23 00 00-0229 EA 35 LB Load, Outdoor..... Note: Vicon model VIST35.	803.22	34.56
28 23 00 00-0230 EA 35 LB Load, Outdoor, With Autopan..... Note: Vicon model VIST35-AP.	853.95	36.75
28 23 00 00-0231 EA 35 LB Load, Outdoor, With Preset Operation..... Note: Vicon model VIST35-P.	1,025.17	44.12
28 23 00 00-0232 EA 25 LB Load, Outdoor, Variable Speed With Preset Operation..... Note: Vicon model VIST-VP.	1,111.82	47.84





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0233 EA 25 LB Load, Outdoor, Variable Speed With Continuous Rotation..... Note: Also with preset operation. Vicon model VIST25-VRP.	1,540.92	66.31
28 23 00 00-0234 EA 80 LB Load, Outdoor ..... Note: Vicon model V390APT.	1,707.90	73.49
28 23 00 00-0235 EA 80 LB Load, Outdoor, With Preset Operation ..... Note: Vicon model V390APT-PP.	2,039.75	87.78
28 23 00 00-0236 EA 80 LB Load, Explosion Proof ..... Note: Meets IEC class IIC rating requirements (minimum 25 pieces order required). Vicon model V380PTX-S-VPP.	5,132.16	220.85
<b>28 23 00 00-0237 Pan-And-Tilt Options (28 23 00 00-0224)</b>		
28 23 00 00-0238 EA Square Base Option For 10 LB Load Outdoor Pan And Tilt Device..... Note: Vicon model V3400SB.	42.27	1.82
<b>28 23 00 00-0239 Camera Housings (28 23 00 00-0106)</b>		
<b>28 23 00 00-0240 Indoor Camera Housings (28 23 00 00-0239)</b>		
28 23 00 00-0241 EA 6.4" W x 12.6" L In-Ceiling, All-Plastic Construction ..... Note: Vicon model V8612H. Tamperproof.	93.00	4.00
<b>28 23 00 00-0242 Indoor/Outdoor Camera Housings (28 23 00 00-0239)</b>		
28 23 00 00-0243 EA Small, 2-Piece Hinged Aluminum ..... Note: Vicon model V9312H.	84.56	3.64
28 23 00 00-0244 EA Small, 2-Piece Hinged Aluminum, Sunshield..... Note: Vicon model V9312H-HS-24. Includes 24 VAC heater.	166.98	7.18
28 23 00 00-0245 EA Small, 1-Piece, Extruded Aluminum With Plastic End Caps ..... Note: Vicon model V4.5H-12-1.	99.35	4.28
28 23 00 00-0246 EA Medium, 1-Piece, Extruded Aluminum With Plastic End Caps ..... Note: Vicon model V4.5H-15-1.	101.46	4.37
28 23 00 00-0247 EA Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315HC-HS. Includes 24 VAC transformer, and 120 VAC heater.	186.01	8.01
28 23 00 00-0248 EA Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315H-HS-24. Includes 24 VAC heater.	181.78	7.83
28 23 00 00-0249 EA Medium, 2-Piece, Hinged Extruded Aluminum With Sunshield..... Note: Vicon model V9317H-SHB-24. Includes 24VAC blower/heater.	232.52	10.01
<b>28 23 00 00-0250 Indoor/Outdoor Camera Housings With Wiper (28 23 00 00-0239)</b>		
28 23 00 00-0251 EA Medium, 2-Piece, Hinged Aluminum..... Note: Vicon model V9315H-WH-24. Includes 24 VAC heater and wiper.	230.40	9.92
<b>28 23 00 00-0252 Special Purpose Housings (28 23 00 00-0239)</b>		
28 23 00 00-0253 EA Explosion-Proof, Tubular Aluminum ..... Note: Vicon model V8540H-SP.	1,025.17	44.12
28 23 00 00-0254 EA Maximum Security, 10-Gauge Steel, Wall Or Ceiling Mount ..... Note: Vicon model V894MSH.	426.97	18.38
28 23 00 00-0255 EA Maximum Security, Outdoor, 10-Gauge Steel, Wall Or Ceiling Mount..... Note: Vicon model V896MSH.	460.80	19.83
28 23 00 00-0256 EA Maximum Security, 10-Gauge Steel, Corner Mount ..... Note: Vicon model V898MSH.	460.80	19.83
<b>28 23 00 00-0257 Indoor Housing Accessories (28 23 00 00-0239)</b>		
28 23 00 00-0258 EA 2' x 2' Adjustable Ceiling Panel, Aluminum Construction ..... Note: 360° rotation. Vicon model V8612H-ACP. For Vicon model V8612H.	122.59	5.27
<b>28 23 00 00-0259 Lenses (28 23 00 00-0106)</b>		
<b>28 23 00 00-0260 1/3" Varifocal Lenses (28 23 00 00-0259)</b>		
28 23 00 00-0261 EA Varifocal, 2.8-6 mm, F/1.4, Adjustable Iris ..... Note: Vicon model V2.8-6VFI.	88.78	3.82
28 23 00 00-0262 EA Varifocal, 3.5-8 mm, F/1.4, Adjustable Iris ..... Note: Vicon model V3.5-8VFI-2.	78.21	3.37
28 23 00 00-0263 EA Varifocal, 2.8-12 mm, F/1.2, Adjustable Iris ..... Note: Vicon model V2.8-12VFI.	88.78	3.82
28 23 00 00-0264 EA Varifocal, 5-50 mm, F/1.3, Adjustable Iris ..... Note: Vicon model V5-50VFI.	188.12	8.10
<b>28 23 00 00-0265 1/3" Autoiris Lenses, DC-Type (28 23 00 00-0259)</b>		
28 23 00 00-0266 EA Wide Angle, 4 mm, F/1.2 ..... Note: Vicon model V4.0-1.2CS-G-3.	101.46	4.37
<b>28 23 00 00-0267 1/3" Varifocal Autoiris Lenses, DC-Type (28 23 00 00-0259)</b>		
28 23 00 00-0268 EA Varifocal, 3.5-8 mm, F/1.4, Autoiris..... Note: Vicon model V3.5-8VF-CS-G-4.	101.46	4.37

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0269 EA Varifocal, 2.8-12 mm, F/1.2, Autoiris..... Note: Vicon model V2.8-12VF-CS-G.	122.59	5.27
28 23 00 00-0270 EA Varifocal, 5-50 mm, f/1.3, Autoiris..... Note: Vicon model V5-50VF-CS-G.	230.40	9.92
28 23 00 00-0271 EA Varifocal, 2.7-8 mm, F/1.0, Autoiris..... Note: Vicon model V2.7-8VF-CS-G.	123.03	5.82
<b>28 23 00 00-0272 Motorized Zoom Lenses With Spot Filter And Autoiris (28 23 00 00-0259)</b>		
28 23 00 00-0273 EA 1/3" Format, 10x Zoom Range, F/1.2, CS Mount, High-Speed..... Note: Vicon model V6-60AC-HS-1.	701.76	30.20
28 23 00 00-0274 EA 1/2" Format, 10x Zoom Range, F/1.4, C Mount, High-Speed..... Note: Vicon model V8-80AC-HS-1.	682.74	29.38
<b>28 23 00 00-0275 Mounting Equipment (28 23 00 00-0106)</b>		
<b>28 23 00 00-0276 Wall Mounts With Adjustable Heads (28 23 00 00-0275)</b>		
28 23 00 00-0277 EA Wall Mount, 7.5 LB Load, Molded Plastic, 9" Long..... Note: Mounts to junction box. Vicon model V1100AWM.	35.94	1.55
28 23 00 00-0278 EA Wall Mount, 20 LB Load, Aluminum, 10" Long..... Note: Vicon model V110AWM.	29.59	1.28
28 23 00 00-0279 EA Wall Mount, 20 LB Load, Cast Aluminum, 11.6" Long..... Note: Vicon model V814AWM.	29.59	1.28
<b>28 23 00 00-0280 Fixed Wall Mounts (28 23 00 00-0275)</b>		
28 23 00 00-0281 EA Wall Mount 40 LB Load, Aluminum, 16" Long..... Note: Vicon model V1600WM.	67.64	2.91
28 23 00 00-0282 EA Wall Mount 200 LB Load, Steel, 24" Long..... Note: Vicon model V24WM.	78.21	3.37
28 23 00 00-0283 EA Wall Mount 200 LB Load, Stainless Steel, 24" Long..... Note: Vicon model V24WM-SS.	255.77	11.00
<b>28 23 00 00-0284 Adjustable Heads (28 23 00 00-0275)</b>		
28 23 00 00-0285 EA Adjustable Head, Medium-Duty, 60 LB Capacity..... Note: Vicon model V1600AH.	27.48	1.19
28 23 00 00-0286 EA Adjustable Head, Medium To Heavy-Duty, 100 LB Capacity..... Note: Vicon model V2400AH.	86.67	3.73
<b>28 23 00 00-0287 Accessories For Wall Mounts (28 23 00 00-0275)</b>		
28 23 00 00-0288 EA Outside Corner Mount Bracket..... Note: Vicon model V24CMB. For V24WM and surveyor series wall mounts.	69.76	3.00
<b>28 23 00 00-0289 Ceiling Mounts (28 23 00 00-0275)</b>		
28 23 00 00-0290 EA Ceiling Mount, 7.5 LB Load, Molded Plastic, 6" Long..... Note: Vicon model V800ACM.	29.59	1.28
28 23 00 00-0291 EA Ceiling Mount, 20 LB Load, Aluminum, 9" Long..... Note: Vicon model V8ACM.	35.94	1.55
28 23 00 00-0292 EA Ceiling Mount, 20 LB Load, Steel, Chrome Plated, 11" Long..... Note: Vicon model V10UM.	52.84	2.27
<b>28 23 00 00-0293 Pole And Parapet Mounts (28 23 00 00-0275)</b>		
28 23 00 00-0294 EA Pole Mount For 3"-4" Diameter Poles, Medium Duty..... Note: Vicon model V22PA. Use with V1600WM and V2000WM wall mounts.	128.93	5.55
28 23 00 00-0295 EA Pole Mount Adapter For 4"-10" Diameter Poles..... Note: Vicon model V20B. Painted Aluminum construction, no mounting straps.	118.18	5.13
28 23 00 00-0296 EA Pole Mount Adapter For 4"-10" Diameter Poles..... Note: Vicon model V20B-A. Painted Aluminum construction, includes mounting straps.	162.65	7.06
<b>28 23 00 00-0297 Multiplexers And Quads (28 23 00 00-0001)</b>		
<b>28 23 00 00-0298 Aurora A2000 Color Video Multiplexers With PTZ Control (28 23 00 00-0297)</b>		
28 23 00 00-0299 EA 16-Channel Color Simplex Multiplexer, 30 Images Per Second..... Note: Live view refresh. Vicon model AUR2K-SC3.	1,481.16	17.25
28 23 00 00-0300 EA 16-Channel Color Duplex Multiplexer, 30 Images Per Second..... Note: Live view refresh. Vicon model AUR2K-DC3.	1,978.13	17.25
28 23 00 00-0301 EA 16-Channel Color Duplex Multiplexer, 60 Images Per Second..... Note: Live view refresh. Vicon model AUR2K-DC6.	2,189.87	17.25
<b>28 23 00 00-0302 Aurora A2000 Color Video Multiplexers With Looping Cables (28 23 00 00-0297)</b>		
Note: With PTZ control.		
28 23 00 00-0303 EA 16-Channel Color Simplex Multiplexer, 30 Images Per Second..... Note: Live view refresh. Includes looping cables. Vicon model AUR2K-SC3C.	1,523.16	17.25
28 23 00 00-0304 EA 16-Channel Color Duplex Multiplexer, 30 Images Per Second..... Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC3C.	2,020.13	17.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0305 EA 16-Channel Color Duplex Multiplexer, 60 Images Per Second..... Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC6C.	2,233.62	17.25
<b>28 23 00 00-0306 GENESYS Quad Splitter</b> (28 23 00 00-0297)		
28 23 00 00-0307 EA Real-Time Color Quad Splitter..... Note: Displays four cameras on one monitor. Full-featured with alarms, titling, freeze, full-screen sequential switching and on-screen programming. Vicon model V4400QS-1.	628.96	17.25
<b>28 23 00 00-0308 Monitors And Time Lapse Recorders</b> (28 23 00 00-0001)		
<b>28 23 00 00-0309 Monochrome Monitors</b> (28 23 00 00-0308)		
28 23 00 00-0310 EA 9" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5094.	199.99	11.50
28 23 00 00-0311 EA 12" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5124.	215.74	11.50
28 23 00 00-0312 EA 15" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5124.	299.74	11.50
<b>28 23 00 00-0313 Color Monitors</b> (28 23 00 00-0308)		
28 23 00 00-0314 EA 9" Screen 280 Lines Resolution..... Note: Vicon model VM6093.	611.22	11.49
28 23 00 00-0315 EA 14" Screen 400 Lines Resolution, NTSC/PAL..... Note: Vicon model VM614-3.	399.48	11.49
28 23 00 00-0316 EA 15" Screen 650 TV Lines High Resolution, NTSC/PAL..... Note: Vicon model VM615-5.	569.22	11.49
28 23 00 00-0317 EA 21" Screen 450 TV Lines High Resolution, Accepts NTSC/PAL..... Note: Vicon model VM621-5.	493.97	11.49
28 23 00 00-0318 EA 17" Flat Panel LCD Monitor..... Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-617LCD.	933.20	11.49
28 23 00 00-0319 EA 19" Flat Panel LCD Monitor..... Note: Resolution up to 1280x1024 @60/75Hz depending on scan rate. VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-619LCD.	1,102.24	11.49
<b>28 23 00 00-0320 Monitor Mounting Accessories</b> (28 23 00 00-0308)		
28 23 00 00-0321 EA Monitor Mount, For VM621-5 Monitor..... Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM615-5-MM.	376.24	16.20
28 23 00 00-0322 EA Monitor Mount, For VM614-3 And VM615-5 Monitors..... Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM61514-5-MM.	375.54	16.20
28 23 00 00-0323 EA Wall Mount For V161514-5-MM And V1621-5-MM Monitor Mounts..... Note: Vicon model V1501WM.	111.67	4.82
28 23 00 00-0324 EA Ceiling Mount For V161514-5-MM And V1621-5-MM Monitor Mounts..... Note: Vicon model V1502CA.	72.22	3.09
28 23 00 00-0325 EA Rack Kit For Use With VM-617LCD Monitor..... Note: Vicon model VM-617LCD-RK.	45.66	3.09
28 23 00 00-0326 EA Rack Kit For Use With VM-619LCD Monitor..... Note: Vicon model VM-619LCD-RK.	45.66	3.09
<b>28 23 00 00-0327 Monitor Racking Kits</b> (28 23 00 00-0308)		
28 23 00 00-0328 EA Dual Rack-Mounting Kit For Two VM6093 Monitors..... Note: Vicon model VM6092RK.	84.56	3.64
28 23 00 00-0329 EA Single Rack-Mounting Kit For VM615-5 Monitor..... Note: Vicon model VM615-5-RK.	105.70	4.55
<b>28 23 00 00-0330 Time-Lapse Video Cassette Recorders</b> (28 23 00 00-0308)		
28 23 00 00-0331 EA Video Cassette Recorder 480 Hour Time-Lapse..... Note: Vicon model VCR480TL.	464.23	11.50
<b>28 23 00 00-0332 Video Recorder Rack Mount Kit</b> (28 23 00 00-0308)		
28 23 00 00-0333 EA Rack Kit For Mounting VCR480TL..... Note: Vicon model VCR-RK-1.	83.86	3.64
<b>28 23 00 00-0334 Video Signal Equipment</b> (28 23 00 00-0001)		
<b>28 23 00 00-0335 Amplifiers</b> (28 23 00 00-0334)		
28 23 00 00-0336 EA Distribution Amplifier, One Input, Six Outputs, Phase 8..... Note: Vicon model V210DA.	194.98	17.25
28 23 00 00-0337 EA Distribution Amplifier, One Input, Six Outputs, Desk-Top..... Note: Vicon model V210DA-B.	194.98	17.25
28 23 00 00-0338 EA Video Distribution Amplifier, Rack Mount..... Note: 8 Input x 2 output or 2 input or 8 output configurations. Vicon model VDA8-16.	226.48	17.25

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0339 Phase Eight Racking Systems</b> (28 23 00 00-0334)		
28 23 00 00-0340 EA Rack Accepts Any Combination Of Phase 8 Modules ..... Note: Totalling eight single-width units. Vicon model VP8RK.	61.30	2.64
28 23 00 00-0341 EA Closure Panel, Single Width Closure Panel For VP8RK..... Note: Vicon model VP8-CP-1.	10.57	0.45
28 23 00 00-0342 EA Closure Panel, Double Width Closure Panel For VP8RK ..... Note: Vicon model VP8-CP-2.	16.91	0.72
<b>28 23 00 00-0343 Ground Loop Corrector</b> (28 23 00 00-0334)		
28 23 00 00-0344 EA Passive Ground Loop Correction Transformer ..... Note: Single channel, for Vicoax. Vicon model V235GLTA.	118.37	5.09
<b>28 23 00 00-0345 Twisted Pair Video Transmission</b> (28 23 00 00-0334)		
28 23 00 00-0346 EA Video Transceiver, Transmits Or Receives Video And Vicoax Data ..... Note: Transmits or receives video and Vicoax data up to 500' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V212-NVT.	90.89	3.91
28 23 00 00-0347 EA Video Transceiver, Transmits Or Receives Video And Vicoax Data ..... Note: Transmits or receives video and Vicoax data up to 1000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V213-NVT.	135.28	5.82
28 23 00 00-0348 EA Video Receiver, Receives Video From V213-NVT Transmitter..... Note: Up to 3000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V652R-NVT.	340.30	14.65
<b>28 23 00 00-0349 Surge Protectors</b> (28 23 00 00-0334)		
28 23 00 00-0350 EA Surge Protector..... Note: Protects video equipment from induced power surges in video lines. Vicon model V15LPG.	44.39	1.91
<b>28 23 00 00-0351 Fiber Optic Transmission Equipment</b> (28 23 00 00-0001)		
<b>28 23 00 00-0352 Single Channel Video Transmission</b> (28 23 00 00-0351)		
28 23 00 00-0353 EA Video Transmitter, 13 dB ..... Note: Vicon model V700T.	207.99	8.95
28 23 00 00-0354 EA Video Transmitter, 13 dB, Rack Mount ..... Note: Vicon model V700T-R.	229.55	9.88
28 23 00 00-0355 EA Video Receiver, 13 dB ..... Note: Vicon model V700R.	252.38	10.86
28 23 00 00-0356 EA Video Receiver, 13 dB, Rack Mount ..... Note: Vicon model V700R-R.	252.38	10.86
28 23 00 00-0357 EA Video Receiver, 2-Channel, 2-Fibers, 13 dB, Rack Mount..... Note: Vicon model V702R-R.	457.84	19.70
28 23 00 00-0358 EA Video Transmitter, 13 dB ..... Note: Vicon model V701T.	254.92	10.97
28 23 00 00-0359 EA Video Transmitter, 13 dB, Rack Mount ..... Note: Vicon model V701T-R.	254.92	10.97
28 23 00 00-0360 EA Video Receiver, 13 dB ..... Note: Vicon model V701R.	306.92	13.21
28 23 00 00-0361 EA Video Receiver, 13 dB, Rack Mount ..... Note: Vicon model V701R-R.	306.92	13.21
<b>28 23 00 00-0362 Multi-channel Video Transmission</b> (28 23 00 00-0351)		
28 23 00 00-0363 EA Video Transmitter, 4-Channel ..... Note: Vicon model V707T.	1,160.44	49.93
28 23 00 00-0364 EA Video Transmitter, 4-Channel, Rack Mount ..... Note: Vicon model V707T-R.	1,160.44	49.93
28 23 00 00-0365 EA Video Receiver, 4-Channel ..... Note: Vicon model V707R.	1,160.44	49.93
28 23 00 00-0366 EA Video Receiver, 4-Channel, Rack Mount ..... Note: Vicon model V707R-R.	1,160.44	49.93
28 23 00 00-0367 EA Video Transmitter, 2-Channel ..... Note: Vicon model V703T.	623.97	26.86
28 23 00 00-0368 EA Video Transmitter, 2-Channel, Rack Mount ..... Note: Vicon model V703T-R.	623.97	26.86
28 23 00 00-0369 EA Video Receiver, 2-Channel ..... Note: Vicon model V703R.	623.97	26.86
28 23 00 00-0370 EA Video Receiver, 2-Channel, Rack Mount ..... Note: Vicon model V703R-R.	623.97	26.86
<b>28 23 00 00-0371 Bidirectional Video For Vicoax</b> (28 23 00 00-0351)		
28 23 00 00-0372 EA Bidirectional Fiber-Optic Transmitter, For Vicoax..... Note: Vicon model V739T.	800.26	34.44
28 23 00 00-0373 EA Bidirectional Fiber-Optic Transmitter, For Vicoax, Rack Mount..... Note: Vicon model V739T-R.	800.26	34.44
28 23 00 00-0374 EA Bidirectional Fiber-Optic Receiver, For Vicoax ..... Note: Vicon model V739R.	800.26	34.44
28 23 00 00-0375 EA Bidirectional Fiber-Optic Receiver, For Vicoax, Rack Mount ..... Note: Vicon model V739R-R.	800.26	34.44



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0376</b> Video And Data Transmission <small>(28 23 00 00-0351)</small>		
28 23 00 00-0377 EA Video Receiver, Standalone Fiber Receiver, 1 Channel..... Note: For use with V910 fixed camera dome internal fiber trans module. Vicon model VF-140R.	772.46	34.83
28 23 00 00-0378 EA Video Receiver, Standalone Fiber Receiver, 1 Channel, Rack Mount..... Note: For use with V910 fixed camera dome internal fiber trans module. Vicon model VF-140RR.	772.46	34.83
28 23 00 00-0379 EA Video/Data Transmitter, Single Fiber, Duplex RS-422..... Note: Simplex Video, For NOVA Systems. Vicon model V732T.	810.26	34.83
28 23 00 00-0380 EA Video/Data Receiver, Single Fiber, Duplex RS-422..... Note: Simplex Video, For NOVA Systems. Vicon model V732R.	810.26	34.83
28 23 00 00-0381 EA Video/Data Receiver, Single Fiber, Duplex RS-422, Rack Mount..... Note: Simplex Video, For NOVA Systems. Vicon model V732R-R.	810.26	34.83
<b>28 23 00 00-0382</b> Racking Equipment And Power Supplies <small>(28 23 00 00-0351)</small>		
28 23 00 00-0383 EA Special 19" Rack Panel ..... Note: Houses 3 V-VH439 4-channel UTP transmitters. Vicon model V-RK439.	185.49	7.25
28 23 00 00-0384 EA Special 19" Rack Panel Assemblies ..... Note: Includes 3 V-VH439 4-channel UTP transmitters. Vicon model V-VRK439X3.	2,178.56	85.29
28 23 00 00-0385 EA Winsted 35" Vertical Rack ..... Note: Vicon model VW-RACK-PKG5.	1,524.99	59.70
28 23 00 00-0386 EA 15-Channel Rack, With 6 Amp Power Supply..... Note: Vicon model V515R-PS.	1,036.00	36.93
28 23 00 00-0387 EA 17-Channel Rack, Use With V517E-PS..... Note: Vicon model V517R-PS.	410.23	14.63
28 23 00 00-0388 EA Blank Filler Panel, For Rack, 1" Wide..... Note: Vicon model VOP-CP1.	29.39	1.04
28 23 00 00-0389 EA High-Output Power Supply, 19" Rack Mount ..... Note: Powers two V517R-PS racks. Vicon model V517E-PS.	1,047.02	37.33
28 23 00 00-0390 EA Power Supply, 120 Volt AC To 12 Volt DC ..... Note: Vicon model VOPPS-120DC.	41.64	1.49
28 23 00 00-0391 EA Power Supply, 120 Volt AC To 12 Volt DC, High Output..... Note: Vicon model VOPPS-120HDC.	74.70	2.66
<b>28 23 00 00-0392</b> SurveyorVFT Fiber Receivers And Racking <small>(28 23 00 00-0351)</small>		
28 23 00 00-0393 EA Video/Data Receiver, Single Fiber, Duplex RS-422, Simplex Video..... Note: For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	808.91	34.50
28 23 00 00-0394 EA Video/Data Receiver Rack Mount, Single Fiber, Duplex RS-422..... Note: Simplex video. For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	808.91	34.50
28 23 00 00-0395 EA Rack, 14 Slots, With 100 W Power Supply ..... Note: For use with VF-1400 series receivers. Blank panels are VF-BPS-1. Vicon model VF-1400R.	1,091.78	46.99
28 23 00 00-0396 EA Blank Panel, For Use With VF-SR20/2 Rack..... Note: Vicon model VF-BPS-1.	22.83	0.98
28 23 00 00-0397 EA Video/Data Receiver, Stand Alone ..... Note: For use with SVFT camera dome internal fiber trans module. Vicon model VF-1631R.	808.91	34.50
28 23 00 00-0398 EA Video/Data Receiver, Rack Module..... Note: For use with SVFT camera dome internal fiber trans module. Vicon model VF-1631RR.	808.91	34.50
<b>28 23 00 00-0399</b> Hubs And Terminators <small>(28 23 00 00-0351)</small>		
28 23 00 00-0400 EA 75-OHM Terminator For Unused Video Looping BNCs..... Note: Vicon model V75T.	4.22	0.18
28 23 00 00-0401 EA Special 4-Port Video Mini-Hub, 3000' Maximum Distance..... Note: 4-Channel UTP transmitter. Vicon model V-VH439.	647.34	25.34
<b>28 23 00 00-0402</b> System Controls And Matrix Systems <small>(28 23 00 00-0001)</small>		
<b>28 23 00 00-0403</b> NOVA V1422 UTP Or Coaxial 32 x 8 Matrix System <small>(28 23 00 00-0402)</small>		
28 23 00 00-0404 EA Advanced Digital Control And Matrix Switcher..... Note: 32 Camera inputs, 8 monitor outputs. Full camera station control and matrix switching. NOVA and Vicoax compatible. Includes V1400VGC Windows-based configuration software. Vicon model V1422.	3,168.06	17.25
<b>28 23 00 00-0405</b> NOVA V1344 Matrix Prepacs <small>(28 23 00 00-0402)</small>		
Note: Programmable systems with internal CPU.		
28 23 00 00-0406 EA Controls 8 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V8X8-ICPS.	3,292.69	28.46
28 23 00 00-0407 EA Controls 16 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V16X8-ICPS.	3,691.54	29.33
28 23 00 00-0408 EA Controls 24 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V24X8-ICPS.	4,324.88	30.18
28 23 00 00-0409 EA Controls 32 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V32X8-ICPS.	4,489.24	31.05
28 23 00 00-0410 EA Controls 40 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V40X8-ICPS.	4,888.09	31.91

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0411 EA Controls 48 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V48X8-ICPS.	5,152.20	32.77
28 23 00 00-0412 EA Controls 56 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V56X8-ICPS.	5,423.31	33.64
28 23 00 00-0413 EA Controls 64 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V64X8-ICPS.	5,771.42	34.50
28 23 00 00-0414 EA Controls 72 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V72X8-ICPS.	5,927.03	35.37
28 23 00 00-0415 EA Controls 80 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V80X8-ICPS.	6,285.63	36.22
28 23 00 00-0416 EA Controls 88 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V88X8-ICPS.	6,719.49	37.08
28 23 00 00-0417 EA Controls 96 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V96X8-ICPS.	7,013.34	37.95
28 23 00 00-0418 EA Controls 104 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V104X8-ICPS.	7,497.94	38.81
28 23 00 00-0419 EA Controls 112 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V112X8-ICPS.	7,770.81	39.68
28 23 00 00-0420 EA Controls 120 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V120X8-ICPS.	8,045.42	40.54
28 23 00 00-0421 EA Controls 128 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V128X8-ICPS.	8,320.03	41.39
<b>28 23 00 00-0422 NOVA V1344 Internal CPU And Titler</b> (28 23 00 00-0402)		
28 23 00 00-0423 EA Internal CPU For Matrix Switcher Card Cage..... Note: Controls video switcher, pan-and-tilt, lens and auxiliary functions. Controls matrix switching for up to 128 cameras and 24 monitors. Vicon model V1344SCPU-HDA.	1,123.94	11.49
28 23 00 00-0424 EA Time/Date/Titler Card..... Note: Provides three lines for titling and one line for time and date. Used with V1344 CPU system only. Vicon model V1344STDT-HD.	373.23	11.49
28 23 00 00-0425 EA Programming Keyboard For V1344SCPU, V1466SCPU-A And V1500 CPUs..... Note: Vicon model V1300X-PKA.	154.49	11.49
<b>28 23 00 00-0426 MATRIX 44 High Density Switcher Components</b> (28 23 00 00-0402)		
28 23 00 00-0427 EA Card Cage 128 Inputs x 8 Outputs..... Note: Contains power supply, video output amplifier, and motherboard for up to 16 V4410S-HD video switching cards. Vicon model V4481SCC-HD.	1,631.65	17.25
28 23 00 00-0428 EA Video Switch Card..... Note: Switching and decoding circuitry for eight camera inputs. Connector panel V4411RP-BNC or V4411RP-RIB ordered separately. Vicon model V4410S-HD.	300.15	12.92
28 23 00 00-0429 EA Rear Connector Panel, 1 Ribbon Cable Connector..... Note: 8 BNC connectors. Use with V4410S-HD. Vicon model V4411RP-BNC.	88.78	3.82
28 23 00 00-0430 EA Rear Connector Panel, 2 Ribbon Cable Connectors..... Note: Use with V4410S-HD. Vicon model V4411RP-RIB.	73.98	3.18
28 23 00 00-0431 EA Address Decoder..... Note: Decodes CPU control signal. One required for each V4481SCC-HD. If system uses V1344SCPU-HD, eliminate one V4430ADEC-HD. Vicon model V4430ADEC-HD.	376.24	16.20
28 23 00 00-0432 EA Expander Card For Systems With More Than 128 Camera Inputs..... Note: One required for each camera expansion card cage. Vicon model V4441SEXP-HD.	490.39	21.10
28 23 00 00-0433 EA Blank Rear Closure Panel For V4481SCC-HD..... Note: Vicon model V4450RCP-HD.	21.14	0.91
28 23 00 00-0434 EA 21" Coaxial Ribbon Cable..... Note: For distributing video between V4410S-HD cards. Vicon model V44RCP-21-1.	21.14	0.91
28 23 00 00-0435 EA 12" Coaxial Ribbon Cable Assembly..... Note: For distributing video signals from V4410S-HD switcher cards to external devices. Terminated with eight BNCs. Vicon model V44RCB-12-1.	101.46	4.37
28 23 00 00-0436 EA 75-OHM Terminator..... Note: For unused looping outputs and looping video coaxial ribbon cable connectors, Matrix 44. Vicon model V75TR-1.	35.87	1.10
<b>28 23 00 00-0437 NOVA 1466A Matrix Prepacs, Programmable Systems</b> (28 23 00 00-0402)		
Note: With internal CPU.		
28 23 00 00-0438 EA Controls 64 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X16A-IHCPS.	5,733.27	34.50
28 23 00 00-0439 EA Controls 64 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS.	9,422.76	34.50



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0440 EA Controls 128 Cameras And 16 Monitors ..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X16A-IHCPS.	7,096.85	41.39
28 23 00 00-0441 EA Controls 128 Cameras And 32 Monitors ..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS.	10,207.82	41.39
28 23 00 00-0442 EA Controls 192 Cameras And 16 Monitors ..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X16A-IHCPS.	7,536.47	48.30
28 23 00 00-0443 EA Controls 192 Cameras And 32 Monitors ..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X32A-IHCPS.	11,619.68	48.30
28 23 00 00-0444 EA Controls 256 Cameras And 16 Monitors ..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X16A-IHCPS.	9,250.72	55.20
28 23 00 00-0445 EA Controls 256 Cameras And 32 Monitors ..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X32A-IHCPS.	13,397.99	55.20
<b>28 23 00 00-0446 NOVA V1466A Matrix Prepacs, Single Cage Programmable Systems</b> (28 23 00 00-0402) Note: With internal CPU. Expandable to 128 cameras x 32 monitors.		
28 23 00 00-0447 EA Controls 64 Cameras And 32 Monitors ..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS-S.	7,148.59	34.50
28 23 00 00-0448 EA Controls 128 Cameras And 32 Monitors ..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS-S.	10,054.53	41.39
<b>28 23 00 00-0449 NOVA V1466A Internal CPU And Titler</b> (28 23 00 00-0402)		
28 23 00 00-0450 EA Internal CPU For Matrix 66 Card Cage ..... Note: Controls video switcher, pan-and-tilt, lens, and auxiliary functions. Controls matrix switching for up to 256 cameras and 32 monitors. Vicon model V1466ASCPA-A.	919.55	11.50
28 23 00 00-0451 EA Time/Date/Title Card, For Monitors 1-16 ..... Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPA-A. Vicon model V1466ATDTSHD-16.	761.01	11.50
28 23 00 00-0452 EA Time/Date/Title Card, For Monitors 17-32 ..... Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPA-A. Vicon model V1466ATDTSHD-32.	1,173.64	11.50
<b>28 23 00 00-0453 Matrix 66 Super High Density Switcher Components</b> (28 23 00 00-0402)		
28 23 00 00-0454 EA Coaxial Ribbon Cable, 1 D-Shell Connector And 8 BNCs ..... Note: Vicon model V66RCB-24.	105.70	4.55
28 23 00 00-0455 EA Coaxial Ribbon Cable, 2 D-Shell Connectors ..... Note: Vicon model V66RC-36.	105.70	4.55
28 23 00 00-0456 EA 75-OHM Terminator For Unused Looping Outputs ..... Note: Also for looping video D-shell Connectors, Matrix 66. Vicon model V75TR-SHD.	38.05	1.64
28 23 00 00-0457 EA Card Cage (256x16) ..... Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-16-1A.	2,270.71	17.25
28 23 00 00-0458 EA Card Cage (128x32) ..... Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-32-1A.	920.49	17.25
28 23 00 00-0459 EA Decoder Board, For External CPU ..... Note: Vicon model V1466ADCDB.	336.08	14.46
28 23 00 00-0460 EA Video Switcher Card, Switching For 64 Camera Inputs ..... Note: Rear connector panels ordered separately. Vicon model V6610S-1A.	1,170.58	50.38
28 23 00 00-0461 EA Camera Input Panel, 64 BNC Connectors ..... Note: Vicon model V6610RP64-1A.	209.26	9.00
28 23 00 00-0462 EA Camera Input Panel, 32 BNC Connectors ..... Note: Vicon model V6610RP32-1A.	180.08	7.75
28 23 00 00-0463 EA Monitor Output Panel, 16 BNC Connectors ..... Note: Vicon model V6610RP16-OA.	162.34	6.98
28 23 00 00-0464 EA Monitor Output Panel, 32 BNC Connectors ..... Note: Vicon model V6610RP32-OA.	176.27	7.59
28 23 00 00-0465 EA Camera Looping Panel, 64 Channels, 16 D-Shell Cable Connectors ..... Note: Vicon model V6610RP64-LA.	171.21	7.36
28 23 00 00-0466 EA Expander Card, 32 Channels, For Use In Star Configuration ..... Note: Vicon model V6640SEXP32-A.	716.56	30.83
28 23 00 00-0467 EA Expander Card, 16 Channels, For Use In Serial Loop Configuration ..... Note: Vicon model V6640SEXP16-A.	488.27	21.01
28 23 00 00-0468 EA Video Amplifier Board, Outputs For Monitors 1-16 Or 17-32 ..... Note: Vicon model V6632-AMP-1A or V6632-AMP-1A.	853.30	17.25
28 23 00 00-0469 EA Card Extender, For Switcher Slots (For Service) ..... Note: Vicon model V6670XS-A.	100.49	17.25
28 23 00 00-0470 EA Card Extender, For AMP/OSD Slots (For Service) ..... Note: Vicon model V6670XA-A.	368.22	17.25
28 23 00 00-0471 EA Blank Rear Closure Panel, For Unused Card Positions ..... Note: Vicon model V6650RCP-A.	19.03	0.82
<b>28 23 00 00-0472 Matrix 66 Prepacs With Titling For Use With NOVA 1500</b> (28 23 00 00-0402)		

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0473 EA Controls 64 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V64X16-MX66A.	7,088.74	34.50
28 23 00 00-0474 EA Controls 64 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V64X32-MX66A.	12,541.08	34.50
28 23 00 00-0475 EA Controls 64 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V64X48-MX66A.	19,357.29	34.50
28 23 00 00-0476 EA Controls 64 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V64X64-MX66A.	24,735.09	34.50
28 23 00 00-0477 EA Controls 128 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V128X16-MX66A.	10,019.88	41.39
28 23 00 00-0478 EA Controls 128 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V128X32-MX66A.	15,891.15	41.39
28 23 00 00-0479 EA Controls 128 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V128X48-MX66A.	23,620.80	41.39
28 23 00 00-0480 EA Controls 128 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V128X64-MX66A.	31,781.99	41.39
28 23 00 00-0481 EA Controls 192 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V192X16-MX66A.	12,577.23	48.30
28 23 00 00-0482 EA Controls 192 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V192X32-MX66A.	19,901.61	48.30
28 23 00 00-0483 EA Controls 192 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V192X48-MX66A.	30,042.98	48.30
28 23 00 00-0484 EA Controls 192 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V192X64-MX66A.	36,592.51	48.30
28 23 00 00-0485 EA Controls 256 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V256X16-MX66A.	15,063.89	55.20
28 23 00 00-0486 EA Controls 256 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V256X32-MX66A.	23,542.51	55.20
28 23 00 00-0487 EA Controls 256 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V256X48-MX66A.	35,350.13	55.20
28 23 00 00-0488 EA Controls 256 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V256X64-MX66A.	45,872.63	55.20
28 23 00 00-0489 EA Controls 320 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V320X16-MX66A.	21,333.88	68.99
28 23 00 00-0490 EA Controls 320 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V320X32-MX66A.	34,606.17	68.99
28 23 00 00-0491 EA Controls 320 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V320X48-MX66A.	50,746.90	68.99
28 23 00 00-0492 EA Controls 320 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V320X64-MX66A.	67,622.59	68.99
28 23 00 00-0493 EA Controls 384 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V384X16-MX66A.	23,918.23	82.80
28 23 00 00-0494 EA Controls 384 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V384X32-MX66A.	38,274.06	82.80
28 23 00 00-0495 EA Controls 384 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V384X48-MX66A.	57,169.83	82.80
28 23 00 00-0496 EA Controls 384 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V384X64-MX66A.	74,630.33	82.80
28 23 00 00-0497 EA Controls 448 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V448X16-MX66A.	26,516.23	96.59
28 23 00 00-0498 EA Controls 448 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V448X32-MX66A.	42,026.99	96.59
28 23 00 00-0499 EA Controls 448 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V448X48-MX66A.	62,545.97	96.59
28 23 00 00-0500 EA Controls 448 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V448X64-MX66A.	81,743.07	96.59
28 23 00 00-0501 EA Controls 512 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V512X16-MX66A.	29,145.73	110.40
28 23 00 00-0502 EA Controls 512 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V512X32-MX66A.	45,734.78	110.40
28 23 00 00-0503 EA Controls 512 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V512X48-MX66A.	67,993.51	110.40
28 23 00 00-0504 EA Controls 512 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V512X64-MX66A.	88,963.96	110.40
<b>28 23 00 00-0505 NOVA 1500 Network Switching Control System</b> (28 23 00 00-0402)		
28 23 00 00-0506 EA NOVA 1500 Central Processing Unit..... Note: Includes internal graphic configurator, capable of addressing over 8000 camera and 500 monitor and keypad stations. Use with companion NOVA 1500-CDU Communication Distribution Unit and Matrix Switching Systems. Vicon model V1500CPU.	5,304.69	17.25
28 23 00 00-0507 EA NOVA 1500 Communication Distribution Unit..... Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes one network interface card and one power supply module. Vicon model V1500CDU-1.	3,897.77	17.25
28 23 00 00-0508 EA NOVA 1500 CDU, Internal Redundant Configuration..... Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes redundant personality modules, power supplies and network cards for automatic switchover Vicon model V1500CDU-H-1.	5,572.43	17.25
28 23 00 00-0509 EA NOVA 1500CDU, Chassis..... Note: Includes one network interface card and power supply module. Must be populated with CDU personality modules. Vicon model V1500CDU-CC.	1,761.14	17.25
28 23 00 00-0510 EA NOVA 1500CDU, Alarm Module..... Note: Provides communication from V1500CDU to Vicon alarm devices Vicon model V1500CDU-ALRM.	504.72	17.25





MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0511	EA NOVA 1500CDU, Time/Date/Title Module..... Note: Provides control communication between V1500CDU and matrix time/date/tilting devices. Vicon model V1500CDU-TDT.	499.47	17.25
28 23 00 00-0512	EA NOVA 1500CDU, Video Module..... Note: Provides control communication between V1500CDU and matrix video switcher. Vicon model V1500CDU-VID.	487.22	17.25
28 23 00 00-0513	EA NOVA 1500CDU, Serial Module..... Note: Provides control communication between V1500CDU and Vicon system keypads/PTZ receivers or host RS-232 devices Vicon model V1500CDU-SER.	469.72	17.25
28 23 00 00-0514	EA NOVA 1500CDU, Rear Closure Panel.....	13.05	0.63
28 23 00 00-0515	EA NOVA 1500CDU, Redundant Power Supply Module..... Note: Provides internal power redundancy for the V1500CDU. Vicon model V1500CDU-HSB-POW.	264.63	14.10
28 23 00 00-0516	EA NOVA 1500CDU, Redundant Network Interface Module..... Note: Provides internal network communication redundancy for the V1500CDU. Vicon model V1500CDU-HSB-NET.	540.93	28.93
28 23 00 00-0517	EA NOVA 1500CDU, Redundant Alarm Module..... Note: Provides internal redundant communication from V1500CDU to alarm devices. Vicon model V1500CDU-HSB-ALRM.	870.44	17.25
28 23 00 00-0518	EA NOVA 1500CDU, Redundant Time/Date/Title Module..... Note: Provides internal redundant communication from V1500CDU to time/date/title device Vicon model V1500CDU-HSB-TDT.	858.19	17.25
28 23 00 00-0519	EA NOVA 1500CDU, Redundant Video Module..... Note: Provides internal redundant communication from V1500CDU to video matrix switcher. Vicon model V1500CDU-HSB-VID.	873.94	17.25
28 23 00 00-0520	EA NOVA 1500CDU, Redundant Serial Module..... Note: Provides internal redundant communication from V1500CDU to system keypads, receivers, host RS-232 devices. Vicon model V1500CDU-HSB-SER.	844.20	17.25
28 23 00 00-0521	EA Multi-Input VGA Monitor/Keyboard..... Note: Used with V1500CPU, accepts 8 VGA inputs from multiple PCs, includes 2 PC cables. Rack mount only. Vicon model V1500KVM-R.	4,500.99	25.87
28 23 00 00-0522	EA Cable For Use With V1500-KVM-R.....	48.62	2.09
28 23 00 00-0523	EA 10' Patch 5 Cable..... Note: Vicon model CAT5e-Patch-10.	41.62	2.09
<b>28 23 00 00-0524</b>	<b>Time/Date/Title For NOVA 1500 (28 23 00 00-0402)</b>		
28 23 00 00-0525	EA Card Cage..... Note: Holds up to 16 V1300X-TDT circuit cards, each of which titles 2 monitors (32 monitors total per card cage). Vicon model V1300X-TCC.	537.96	17.25
28 23 00 00-0526	EA Power Supply..... Note: Used in V1300X-TCC-1, 1 per card cage. Vicon model V1300X-TC-PS.	314.95	13.55
28 23 00 00-0527	EA Master Module..... Note: Provides addressing for 32 monitors and loop-through signaling for additional V1300X-TCC card cage Vicon model V1400X-TDT-MA.	224.73	17.25
28 23 00 00-0528	EA Slave Module..... Note: Provides addressing for 32 monitors in additional V1300X-TCC card cage. Vicon model V1300X-TC-SL-1.	228.23	17.25
28 23 00 00-0529	EA Time/Date/Title Assembly..... Note: Circuit card provides time/date/titles for 2 monitors. Vicon model V1300X-TDT.	287.73	17.25
28 23 00 00-0530	EA Blank Rear Closure Panel For V1300X-TCC..... Note: Vicon model V1300X-RCT.	29.59	1.28
<b>28 23 00 00-0531</b>	<b>System Console Control Station (28 23 00 00-0402)</b>		
28 23 00 00-0532	EA System Console..... Note: Controls NOVA Matrix Systems, Aurora 2000 / AuroraCorD multiplexers and recorders and time-lapse VCRs. Vicon model V1400X-DVC-3.	1,469.16	12.94
28 23 00 00-0533	EA Trackball For Use With System Console..... Note: Vicon model V1400X-JST.	263.48	12.94
28 23 00 00-0534	EA Desktop Joystick For Use With System Console..... Note: Vicon model V1400X-DJT.	305.48	12.94
<b>28 23 00 00-0535</b>	<b>NOVA Control Keypads (28 23 00 00-0402)</b>		
28 23 00 00-0536	EA Control Keypad, Small Profile Desk-Top..... Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1410X-DVC.	611.71	12.94
28 23 00 00-0537	EA Control Keypad, Desk-Top Version With Variable-Speed Joystick..... Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411X-DVC.	753.45	12.94
28 23 00 00-0538	EA Control Keypad, Desk-Top Version With 3-Function Joystick..... Note: Provides multi-function control for camera stations with three-function variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411J-DVC.	895.19	12.94
28 23 00 00-0539	EA Control Keypad, Rack-Mount Version..... Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units. Vicon model V1300X-RVC.	1,185.68	12.94
28 23 00 00-0540	EA Control Keypad, Desk-Top Version..... Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units Vicon model V1300X-DVC.	1,185.68	12.94
<b>28 23 00 00-0541</b>	<b>Additional System Capabilities NOVA Systems (28 23 00 00-0402)</b>		

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0542	EA		Vicoax Translator..... Note: Converts Vicon RS-422 PTZ commands to Vicoax, 16 channels. Vicon model V422-VI.	704.20	17.25
28 23 00 00-0543	EA		RS-422 Dual Input Code Merger..... Note: Merges control data from two separate control systems into one device. Vicon model VSCM-200.	670.96	17.25
28 23 00 00-0544	EA		Video Loss Detector Accepts Up To 256 Camera Inputs..... Note: Merges control data from two separate control systems into one device. Vicon model V1400X-VLD.	1,202.93	17.25
28 23 00 00-0545	EA		Distribution Line Control..... Note: Provides up to 10 communication lines from CPU when used in star configuration. Vicon model V1400X-IDL.	704.20	17.25
28 23 00 00-0546	EA		Alarm Interface, Accepts Up To 32 Custom Alarm Inputs..... Note: Vicon model V1300X-IA.	721.70	17.25
28 23 00 00-0547	EA		Alarm Interface, Accepts Up To 64 Custom Alarm Inputs..... Note: Vicon model V1300X-IA-EX.	852.95	17.25
28 23 00 00-0548	EA		Alarm Interface, With Relay Follow..... Note: Vicon model V1300X-IAF.	1,344.67	17.25
28 23 00 00-0549	EA		Cable Adapter 34-25 Pin..... Note: Vicon model V1300X-CA.	86.67	3.73
28 23 00 00-0550	EA		Relay/Audio-Follow-Video Switcher..... Note: Mono, 32 inputs, for use with matrix switching systems. Vicon model V1332AF.	779.45	17.25
<b>28 23 00 00-0551</b>			<b>PTZ Receivers</b> (28 23 00 00-0402)		
28 23 00 00-0552	EA		Outdoor Variable-Speed Receiver..... Note: For VIST25 pan-and-tilt, 120 VAC input, 24 VDC output to pan-and-tilt drives. Vicon model V1305R-DC1.	803.22	34.56
28 23 00 00-0553	EA		Outdoor Universal Receiver, 24 Volt AC Input..... Note: 24 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-1WA.	424.86	18.29
28 23 00 00-0554	EA		Outdoor Universal Receiver, 120 Volt AC Input..... Note: 24 or 120 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-2WA.	424.86	18.29
<b>28 23 00 00-0555</b>			<b>Receiver Options</b> (28 23 00 00-0402)		
28 23 00 00-0556	EA		Interface Card..... Note: Internal board adapts V1311RB receivers for use with NOVA CPUs. Vicon model V1311R-VPS-1.	232.52	10.01
28 23 00 00-0557	EA		Vicoax Interface Card..... Note: Adapts V1311RB receiver for use with Vicoax transmitter. Vicon model V1311R-VI-1.	156.42	6.73
<b>28 23 00 00-0558</b>			<b>Closed Circuit Television And Surveillance Systems (Pelco)</b> (28 23)		
			Note: Includes programming of equipment, testing of new devices and certification.		
<b>28 23 00 00-0559</b>			<b>Cameras And Accessories</b> (28 23 00 00-0558)		
<b>28 23 00 00-0560</b>			<b>Cameras</b> (28 23 00 00-0559)		
<b>28 23 00 00-0561</b>			<b>1/3" Format Cameras</b> (28 23 00 00-0560)		
<b>28 23 00 00-0562</b>			<b>High Resolution Color, 1/3" Format Cameras</b> (28 23 00 00-0561)		
28 23 00 00-0563	EA		Extended Dynamic Range, High Resolution Color, 1/3" Format Camera (Pelco CC3701H-2).....	334.44	17.25
28 23 00 00-0564	EA		Low Light, Digital Slow Shutter, High Resolution Color, 1/3" Format Camera (Pelco CC3751H-2).....	449.98	17.25
<b>28 23 00 00-0565</b>			<b>Compact, 1/3" Format Cameras</b> (28 23 00 00-0560)		
<b>28 23 00 00-0566</b>			<b>High Resolution Color, Compact, 1/3" Format Cameras</b> (28 23 00 00-0565)		
28 23 00 00-0567	EA		Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H).....	539.59	17.25
28 23 00 00-0568	EA		High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6).....	441.09	17.25
<b>28 23 00 00-0569</b>			<b>Day/Night, Compact, 1/3" Format Cameras</b> (28 23 00 00-0565)		
28 23 00 00-0570	EA		High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6).....	256.68	17.25
<b>28 23 00 00-0571</b>			<b>Camerapaks</b> (28 23 00 00-0559)		
			Note: Includes camera and lens.		
<b>28 23 00 00-0572</b>			<b>Camerapaks</b> (28 23 00 00-0571)		
<b>28 23 00 00-0573</b>			<b>High Resolution Color, Camerapaks</b> (28 23 00 00-0572)		
<b>28 23 00 00-0574</b>			<b>Fixed Focus, High Resolution Color, Camerapaks</b> (28 23 00 00-0573)		
<b>28 23 00 00-0575</b>			<b>Manual Iris, Fixed Focus, High Resolution Color, Camerapaks</b> (28 23 00 00-0574)		
28 23 00 00-0576	EA		2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3).....	336.66	17.25
28 23 00 00-0577	EA		2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8).....	315.93	17.25
28 23 00 00-0578	EA		4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4).....	306.30	17.25
28 23 00 00-0579	EA		8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8).....	304.08	17.25
<b>28 23 00 00-0580</b>			<b>Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks</b> (28 23 00 00-0574)		
28 23 00 00-0581	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A).....	367.77	17.25
28 23 00 00-0582	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A).....	336.66	17.25
28 23 00 00-0583	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A).....	329.26	17.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0584 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A).....	323.33	17.25
<b>28 23 00 00-0585 Varifocal, High Resolution Color, Camerapaks</b> (28 23 00 00-0573)		
<b>28 23 00 00-0586 Manual Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 23 00 00-0585)		
28 23 00 00-0587 EA 1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1) .....	398.13	17.25
28 23 00 00-0588 EA 2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2) .....	358.14	17.25
28 23 00 00-0589 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21) .....	325.56	17.25
28 23 00 00-0590 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3) .....	312.22	17.25
28 23 00 00-0591 EA 5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5) .....	361.85	17.25
<b>28 23 00 00-0592 Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 23 00 00-0585)		
28 23 00 00-0593 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A) .....	430.72	17.25
28 23 00 00-0594 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A) .....	403.32	17.25
28 23 00 00-0595 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A) .....	356.66	17.25
28 23 00 00-0596 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A) .....	317.41	17.25
28 23 00 00-0597 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A) .....	377.40	17.25
28 23 00 00-0598 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A) .....	427.76	17.25
28 23 00 00-0599 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A) .....	492.19	17.25
<b>28 23 00 00-0600 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 23 00 00-0585)		
28 23 00 00-0601 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A) .....	334.44	17.25
28 23 00 00-0602 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A) .....	401.84	17.25
<b>28 23 00 00-0603 High Resolution Day/Night, Camerapaks</b> (28 23 00 00-0572)		
<b>28 23 00 00-0604 Varifocal, High Resolution Day/Night, Camerapaks</b> (28 23 00 00-0603)		
<b>28 23 00 00-0605 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks</b> (28 23 00 00-0604)		
28 23 00 00-0606 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A) .....	686.23	17.25
28 23 00 00-0607 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A) .....	639.57	17.25
28 23 00 00-0608 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A) .....	600.32	17.25
28 23 00 00-0609 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A) .....	660.31	17.25
28 23 00 00-0610 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A) .....	710.67	17.25
28 23 00 00-0611 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A) .....	774.36	17.25
<b>28 23 00 00-0612 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks</b> (28 23 00 00-0604)		
28 23 00 00-0613 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A) .....	617.35	17.25
28 23 00 00-0614 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A) .....	684.75	17.25
<b>28 23 00 00-0615 Compact Camerapaks</b> (28 23 00 00-0571)		
<b>28 23 00 00-0616 High Resolution Color, Compact Camerapaks</b> (28 23 00 00-0615)		
<b>28 23 00 00-0617 DSS, High Resolution Color, Compact Camerapaks</b> (28 23 00 00-0616)		
<b>28 23 00 00-0618 Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 23 00 00-0617)		
<b>28 23 00 00-0619 Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 23 00 00-0618)		
28 23 00 00-0620 EA 2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3) .....	529.96	17.25
28 23 00 00-0621 EA 2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8) .....	509.22	17.25
28 23 00 00-0622 EA 4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4) .....	498.86	17.25
28 23 00 00-0623 EA 8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8) .....	496.63	17.25
<b>28 23 00 00-0624 Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 23 00 00-0618)		
28 23 00 00-0625 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A) .....	560.33	17.25
28 23 00 00-0626 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A) .....	529.96	17.25
28 23 00 00-0627 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A) .....	522.56	17.25
28 23 00 00-0628 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A) .....	516.63	17.25
<b>28 23 00 00-0629 Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 23 00 00-0617)		
<b>28 23 00 00-0630 Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 23 00 00-0629)		
28 23 00 00-0631 EA 1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1) .....	591.43	17.25
28 23 00 00-0632 EA 2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2) .....	550.70	17.25

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0633 EA 2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21).....	518.85	17.25
28 23 00 00-0634 EA 3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3).....	505.52	17.25
28 23 00 00-0635 EA 5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5).....	554.40	17.25
28 23 00 00-0636 EA 5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50).....	586.25	17.25
28 23 00 00-0637 EA 5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55).....	661.79	17.25
<b>28 23 00 00-0638 Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0629)</small>		
28 23 00 00-0639 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A).....	623.28	17.25
28 23 00 00-0640 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A).....	596.62	17.25
28 23 00 00-0641 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A).....	549.96	17.25
28 23 00 00-0642 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A).....	509.97	17.25
28 23 00 00-0643 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A).....	570.69	17.25
28 23 00 00-0644 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A).....	621.06	17.25
28 23 00 00-0645 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A).....	684.75	17.25
<b>28 23 00 00-0646 Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0629)</small>		
28 23 00 00-0647 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A).....	527.74	17.25
28 23 00 00-0648 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A).....	595.13	17.25
<b>28 23 00 00-0649 EDR, High Resolution Color, Compact Camerapaks</b> <small>(28 23 00 00-0616)</small>		
<b>28 23 00 00-0650 Fixed Focus, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0649)</small>		
<b>28 23 00 00-0651 Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0650)</small>		
28 23 00 00-0652 EA 2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	529.96	17.25
28 23 00 00-0653 EA 2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	393.69	17.25
28 23 00 00-0654 EA 4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	383.32	17.25
28 23 00 00-0655 EA 8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	381.10	17.25
<b>28 23 00 00-0656 Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0650)</small>		
28 23 00 00-0657 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	444.79	17.25
28 23 00 00-0658 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	414.43	17.25
28 23 00 00-0659 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	407.02	17.25
28 23 00 00-0660 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	407.02	17.25
<b>28 23 00 00-0661 Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0649)</small>		
<b>28 23 00 00-0662 Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0661)</small>		
28 23 00 00-0663 EA 1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	475.90	17.25
28 23 00 00-0664 EA 2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	435.16	17.25
28 23 00 00-0665 EA 2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	403.32	17.25
28 23 00 00-0666 EA 3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	389.99	17.25
28 23 00 00-0667 EA 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	438.87	17.25
28 23 00 00-0668 EA 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	470.71	17.25
28 23 00 00-0669 EA 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	546.25	17.25
<b>28 23 00 00-0670 Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0661)</small>		
28 23 00 00-0671 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	507.74	17.25
28 23 00 00-0672 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	481.08	17.25
28 23 00 00-0673 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	433.68	17.25
28 23 00 00-0674 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	394.43	17.25
28 23 00 00-0675 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	455.16	17.25
28 23 00 00-0676 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	505.52	17.25
28 23 00 00-0677 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	569.21	17.25
<b>28 23 00 00-0678 Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 23 00 00-0661)</small>		
28 23 00 00-0679 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A).....	412.21	17.25
28 23 00 00-0680 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A).....	479.60	17.25
<b>28 23 00 00-0681 High Resolution Day/Night, Compact Camerapaks</b> <small>(28 23 00 00-0615)</small>		
<b>28 23 00 00-0682 Fixed Focus, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 23 00 00-0681)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0683</b> Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0682)</small>		
28 23 00 00-0684 EA 8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	488.49	17.25
<b>28 23 00 00-0685</b> DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0682)</small>		
28 23 00 00-0686 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	552.18	17.25
28 23 00 00-0687 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	521.07	17.25
<b>28 23 00 00-0688</b> Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0681)</small>		
<b>28 23 00 00-0689</b> Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0688)</small>		
28 23 00 00-0690 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	509.97	17.25
28 23 00 00-0691 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	496.63	17.25
28 23 00 00-0692 EA 5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	578.10	17.25
<b>28 23 00 00-0693</b> Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0688)</small>		
28 23 00 00-0694 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	587.73	17.25
28 23 00 00-0695 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	541.07	17.25
28 23 00 00-0696 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	501.82	17.25
28 23 00 00-0697 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A).....	561.81	17.25
28 23 00 00-0698 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A).....	612.17	17.25
28 23 00 00-0699 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A).....	676.60	17.25
<b>28 23 00 00-0700</b> Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0688)</small>		
28 23 00 00-0701 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A).....	518.85	17.25
28 23 00 00-0702 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A).....	586.25	17.25
<b>28 23 00 00-0703</b> Camera Systems <small>(28 23 00 00-0559)</small>		
<b>28 23 00 00-0704</b> Camera Dome Systems <small>(28 23 00 00-0703)</small>		
<b>28 23 00 00-0705</b> Spectra®, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0704)</small>		
<b>28 23 00 00-0706</b> Spectra®, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0705)</small>		
Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
<b>28 23 00 00-0707</b> Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0706)</small>		
<b>28 23 00 00-0708</b> Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0707)</small>		
28 23 00 00-0709 EA 22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB).....	2,153.29	103.49
28 23 00 00-0710 EA 22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F).....	2,456.93	103.49
28 23 00 00-0711 EA 22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB).....	2,593.20	103.49
28 23 00 00-0712 EA 22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E).....	3,612.27	103.49
<b>28 23 00 00-0713</b> Color, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0707)</small>		
28 23 00 00-0714 EA 16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB).....	1,808.91	103.49
28 23 00 00-0715 EA 16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F).....	1,962.21	103.49
28 23 00 00-0716 EA 16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB).....	2,099.22	103.49
28 23 00 00-0717 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E).....	2,177.73	103.49
28 23 00 00-0718 EA 16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E).....	2,177.73	103.49
28 23 00 00-0719 EA 22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB).....	2,283.63	103.49
28 23 00 00-0720 EA 22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F).....	2,588.02	103.49
28 23 00 00-0721 EA 22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB).....	2,725.03	103.49
28 23 00 00-0722 EA 22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E).....	2,803.53	103.49
28 23 00 00-0723 EA 22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E).....	2,803.53	103.49
<b>28 23 00 00-0724</b> Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0707)</small>		
28 23 00 00-0725 EA 23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB).....	2,663.56	103.49
28 23 00 00-0726 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F).....	2,967.95	103.49
28 23 00 00-0727 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB).....	3,104.96	103.49

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0728 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E).....	3,183.46	103.49
28 23 00 00-0729 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E).....	3,183.46	103.49
<b>28 23 00 00-0730 Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0707)</b>		
28 23 00 00-0731 EA 18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB).....	2,414.72	103.49
28 23 00 00-0732 EA 18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F).....	2,568.76	103.49
28 23 00 00-0733 EA 18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB).....	2,705.03	103.49
28 23 00 00-0734 EA 18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E).....	2,783.54	103.49
28 23 00 00-0735 EA 18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E).....	2,783.54	103.49
28 23 00 00-0736 EA 35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB).....	2,913.14	103.49
28 23 00 00-0737 EA 35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F).....	3,155.32	103.49
28 23 00 00-0738 EA 35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB).....	3,291.59	103.49
28 23 00 00-0739 EA 35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E).....	3,370.09	103.49
28 23 00 00-0740 EA 35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E).....	3,370.09	103.49
<b>28 23 00 00-0741 Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0706)</b>		
<b>28 23 00 00-0742 Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0741)</b>		
28 23 00 00-0743 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF).....	2,362.14	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0744 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP).....	2,493.96	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0745 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE).....	2,599.13	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0746 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF).....	2,942.03	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0747 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP).....	3,073.85	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0748 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE).....	3,179.76	103.49
For Protective Lower Dome Cage, Add	34.65	
<b>28 23 00 00-0749 Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0741)</b>		
28 23 00 00-0750 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF).....	2,967.95	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0751 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP).....	3,099.77	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0752 EA 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE).....	3,205.68	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0753 EA 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF).....	3,509.33	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0754 EA 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP).....	3,640.41	103.49
For Protective Lower Dome Cage, Add	34.65	
28 23 00 00-0755 EA 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE).....	3,746.32	103.49
For Protective Lower Dome Cage, Add	34.65	
<b>28 23 00 00-0756 Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0706)</b>		
<b>28 23 00 00-0757 Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0756)</b>		
28 23 00 00-0758 EA 18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE).....	3,940.35	103.49
28 23 00 00-0759 EA 35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE).....	4,481.73	103.49
<b>28 23 00 00-0760 Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0706)</b>		
<b>28 23 00 00-0761 Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0760)</b>		
28 23 00 00-0762 EA 22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE).....	3,420.45	103.49
<b>28 23 00 00-0763 Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0760)</b>		
28 23 00 00-0764 EA 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE).....	2,971.65	103.49
28 23 00 00-0765 EA 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE).....	3,552.28	103.49



<b>Electronic Safety And Security</b>		<b>28</b>
Electronic Surveillance		28 20
Video Surveillance		28 23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0766</b> Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0760)</small>		
28 23 00 00-0767 EA 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	3,932.21	103.49
<b>28 23 00 00-0768</b> Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0760)</small>		
28 23 00 00-0769 EA 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	3,578.20	103.49
28 23 00 00-0770 EA 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	4,118.84	103.49
<b>28 23 00 00-0771</b> Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0706)</small>		
<b>28 23 00 00-0772</b> Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0771)</small>		
28 23 00 00-0773 EA 10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B) .....	1,345.29	103.49
<b>28 23 00 00-0774</b> Spectra® IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0705)</small>		
Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
<b>28 23 00 00-0775</b> Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0774)</small>		
<b>28 23 00 00-0776</b> Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0775)</small>		
28 23 00 00-0777 EA 16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	2,515.44	103.49
28 23 00 00-0778 EA 16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	2,652.45	103.49
28 23 00 00-0779 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	2,730.95	103.49
28 23 00 00-0780 EA 16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	2,730.95	103.49
28 23 00 00-0781 EA 22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	3,141.25	103.49
28 23 00 00-0782 EA 22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	3,278.26	103.49
28 23 00 00-0783 EA 22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	3,356.76	103.49
28 23 00 00-0784 EA 22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	3,356.76	103.49
<b>28 23 00 00-0785</b> Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0775)</small>		
28 23 00 00-0786 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	3,521.17	103.49
28 23 00 00-0787 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	3,658.19	103.49
28 23 00 00-0788 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	3,736.69	103.49
28 23 00 00-0789 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	3,736.69	103.49
<b>28 23 00 00-0790</b> Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0774)</small>		
<b>28 23 00 00-0791</b> Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0790)</small>		
28 23 00 00-0792 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1).....	2,915.36	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0793 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1).....	3,047.19	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0794 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1).....	3,152.36	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0795 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1).....	3,495.25	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0796 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1).....	3,627.08	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0797 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1).....	3,732.99	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
<b>28 23 00 00-0798</b> Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0790)</small>		
28 23 00 00-0799 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1).....	3,521.17	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	
28 23 00 00-0800 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1).....	3,653.00	103.49
<i>For Protective Lower Dome Cage, Add</i>		
	34.65	

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0801 EA 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1).....	3,758.91	103.49
<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0802 EA 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1).....	4,062.55	103.49
<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0803 EA 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1).....	4,193.64	103.49
<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0804 EA 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1).....	4,299.55	103.49
<i>For Protective Lower Dome Cage, Add</i>	34.65	
<b>28 23 00 00-0805 Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems</b> <small>(28 23 00 00-0774)</small>		
<b>28 23 00 00-0806 Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 23 00 00-0805)</small>		
28 23 00 00-0807 EA 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	3,524.88	103.49
28 23 00 00-0808 EA 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N22-PSGE1).....	4,105.51	103.49
<b>28 23 00 00-0809 Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 23 00 00-0805)</small>		
28 23 00 00-0810 EA 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	4,485.44	103.49
<b>28 23 00 00-0811 Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 23 00 00-0805)</small>		
28 23 00 00-0812 EA 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	4,131.43	103.49
28 23 00 00-0813 EA 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	4,672.07	103.49
<b>28 23 00 00-0814 Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems</b> <small>(28 23 00 00-0774)</small>		
<b>28 23 00 00-0815 Color, Miniature Spectra® IP Network, Mini Camera Dome Systems</b> <small>(28 23 00 00-0814)</small>		
28 23 00 00-0816 EA 10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1).....	1,702.26	103.49
<b>28 23 00 00-0817 Spectra®, Pan/Tilt Dome Drives</b> <small>(28 23 00 00-0705)</small>		
Note: Includes dome drive, camera and lens.		
28 23 00 00-0818 EA 10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4).....	1,255.25	86.24
28 23 00 00-0819 EA 10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N).....	1,610.74	86.24
28 23 00 00-0820 EA 22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22).....	2,049.91	86.24
28 23 00 00-0821 EA 16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16).....	1,601.11	86.24
28 23 00 00-0822 EA 22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22).....	2,181.00	86.24
28 23 00 00-0823 EA 18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18).....	2,206.92	86.24
28 23 00 00-0824 EA 23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23).....	2,560.93	86.24
28 23 00 00-0825 EA 35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35).....	2,748.30	86.24
28 23 00 00-0826 EA 35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35).....	2,748.30	86.24
<b>28 23 00 00-0827 Accessories For Spectra® Pan/Tilt Camera Dome Systems</b> <small>(28 23 00 00-0705)</small>		
28 23 00 00-0828 EA Upgrade To Chrome Lower Dome (Pelco Spectra).....	104.42	
28 23 00 00-0829 EA Upgrade To Gold Lower Dome (Pelco Spectra).....	136.27	
28 23 00 00-0830 EA Wall Mount For Spectra® Systems (Pelco IWM-BK).....	109.08	8.62
28 23 00 00-0831 EA 24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK).....	281.64	8.62
28 23 00 00-0832 EA Wall Arm Mount For Spectra® Systems (Pelco IDM4018).....	106.12	8.62
28 23 00 00-0833 EA Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS).....	300.90	8.62
28 23 00 00-0834 EA Pole Mount Adapter For Spectra® Systems (Pelco PA402).....	52.79	5.13
<b>28 23 00 00-0835 Camclosure®, Camera Dome Systems</b> <small>(28 23 00 00-0704)</small>		
<b>28 23 00 00-0836 Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0835)</small>		
<b>28 23 00 00-0837 Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0836)</small>		
<b>28 23 00 00-0838 High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0837)</small>		
28 23 00 00-0839 EA 12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	469.90	103.49
28 23 00 00-0840 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22).....	514.34	103.49





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0841 EA 12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	577.29	103.49
28 23 00 00-0842 EA 12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	577.29	103.49
<b>28 23 00 00-0843 Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0837)</small>		
28 23 00 00-0844 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22) .....	585.44	103.49
28 23 00 00-0845 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22) .....	643.20	103.49
28 23 00 00-0846 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	643.20	103.49
<b>28 23 00 00-0847 Day/Night, Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0837)</small>		
28 23 00 00-0848 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22) .....	678.75	103.49
28 23 00 00-0849 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22) .....	821.69	103.49
28 23 00 00-0850 EA 9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22) .....	821.69	103.49
<b>28 23 00 00-0851 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0837)</small>		
28 23 00 00-0852 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	746.89	103.49
28 23 00 00-0853 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	838.72	103.49
<b>28 23 00 00-0854 Camclosure® IS Integrated, Bullet Style Camera Systems</b> <small>(28 23 00 00-0836)</small>		
<b>28 23 00 00-0855 High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems</b> <small>(28 23 00 00-0854)</small>		
28 23 00 00-0856 EA 3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6) .....	540.89	68.99
<b>28 23 00 00-0857 Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems</b> <small>(28 23 00 00-0854)</small>		
28 23 00 00-0858 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22) .....	624.57	68.99
<b>28 23 00 00-0859 Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems</b> <small>(28 23 00 00-0854)</small>		
28 23 00 00-0860 EA 9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	691.23	68.99
<b>28 23 00 00-0861 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems</b> <small>(28 23 00 00-0854)</small>		
28 23 00 00-0862 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22) .....	724.56	68.99
<b>28 23 00 00-0863 Camclosure® IS Integrated Cameras</b> <small>(28 23 00 00-0836)</small>		
28 23 00 00-0864 EA 12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12) .....	370.55	68.99
28 23 00 00-0865 EA 9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	370.55	68.99
28 23 00 00-0866 EA 9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22) .....	436.46	68.99
28 23 00 00-0867 EA 9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	614.95	68.99
28 23 00 00-0868 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22) .....	631.98	68.99
<b>28 23 00 00-0869 Camclosure® ICS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0835)</small>		
<b>28 23 00 00-0870 Camclosure® ICS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0869)</small>		
<b>28 23 00 00-0871 Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems</b> <small>(28 23 00 00-0870)</small>		
28 23 00 00-0872 EA 12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12) .....	396.58	103.49
28 23 00 00-0873 EA 12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T) .....	428.43	103.49
28 23 00 00-0874 EA 12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12) .....	555.81	103.49
28 23 00 00-0875 EA 12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12) .....	555.81	103.49

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0876 High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 23 00 00-0870)		
28 23 00 00-0877 EA 3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A) .....	698.75	103.49
28 23 00 00-0878 Camclosure® ICS Integrated, Bullet Style Camera Systems (28 23 00 00-0869)		
28 23 00 00-0879 Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems (28 23 00 00-0878)		
28 23 00 00-0880 EA 12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12) .....	486.82	68.99
28 23 00 00-0881 Camclosure® ICS Integrated, Wedge Style Camera Systems (28 23 00 00-0869)		
28 23 00 00-0882 High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 23 00 00-0881)		
28 23 00 00-0883 EA 9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22) .....	643.20	103.49
28 23 00 00-0884 Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 23 00 00-0881)		
28 23 00 00-0885 EA 9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22) .....	709.86	103.49
28 23 00 00-0886 Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 23 00 00-0881)		
28 23 00 00-0887 EA 9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22) .....	793.55	103.49
28 23 00 00-0888 Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 23 00 00-0881)		
28 23 00 00-0889 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22) .....	826.87	103.49
28 23 00 00-0890 Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0835)		
28 23 00 00-0891 Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0890)		
28 23 00 00-0892 High Resolution Color, Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0891)		
28 23 00 00-0893 EA 3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9) .....	1,194.21	103.49
28 23 00 00-0894 EA 9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22) .....	1,194.21	103.49
28 23 00 00-0895 Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0891)		
28 23 00 00-0896 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9) .....	1,286.04	103.49
28 23 00 00-0897 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22) .....	1,286.04	103.49
28 23 00 00-0898 Day/Night, Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0891)		
28 23 00 00-0899 EA 3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9) .....	1,427.50	103.49
28 23 00 00-0900 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22) .....	1,427.50	103.49
28 23 00 00-0901 Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems (28 23 00 00-0891)		
28 23 00 00-0902 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9) .....	1,527.48	103.49
28 23 00 00-0903 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22) .....	1,527.48	103.49
28 23 00 00-0904 Accessories For Camclosure® Camera Dome Systems (28 23 00 00-0835)		
28 23 00 00-0905 EA 4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP) .....	23.68	5.17
28 23 00 00-0906 EA 4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP) .....	23.68	5.17
28 23 00 00-0907 EA Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS) .....	30.58	8.62
28 23 00 00-0908 EA Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND) .....	51.32	8.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0909 EA 2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P).....	54.79	5.17
28 23 00 00-0910 EA Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG).....	51.32	8.62
28 23 00 00-0911 EA Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM).....	66.13	8.62
28 23 00 00-0912 EA Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A).....	179.66	17.25
28 23 00 00-0913 EA Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	179.66	17.25
28 23 00 00-0914 EA Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A).....	179.66	17.25
28 23 00 00-0915 EA Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	179.66	17.25
28 23 00 00-0916 EA Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	62.43	8.62
28 23 00 00-0917 EA Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	67.83	17.25
28 23 00 00-0918 EA Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	67.83	17.25
28 23 00 00-0919 EA Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	67.83	17.25
28 23 00 00-0920 EA Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	67.83	17.25
28 23 00 00-0921 EA Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD).....	67.83	17.25
28 23 00 00-0922 EA Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	67.83	17.25
28 23 00 00-0923 EA Surface Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS110-ENC).....	198.65	23.56
28 23 00 00-0924 EA Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	198.65	23.56
28 23 00 00-0925 EA Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	43.17	8.62
28 23 00 00-0926 EA Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	76.50	8.62
28 23 00 00-0927 EA White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	43.17	8.62
28 23 00 00-0928 EA White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	76.50	8.62
28 23 00 00-0929 EA Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	1,110.52	103.49
28 23 00 00-0930	<b>Pan/Tilt Camera Systems (28 23 00 00-0703)</b>	
28 23 00 00-0931	<b>Esprit® CBZ, Pan/Tilt Camera Systems (28 23 00 00-0930)</b>	
	Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.	
28 23 00 00-0932	<b>EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 23 00 00-0931)</b>	
28 23 00 00-0933	<b>Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 23 00 00-0932)</b>	
28 23 00 00-0934 EA 10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	3,208.45	155.24
28 23 00 00-0935 EA 20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	3,653.55	155.24
28 23 00 00-0936 EA 30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	4,270.47	155.24
28 23 00 00-0937 EA 10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN).....	3,303.99	155.24
28 23 00 00-0938 EA 20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	3,769.08	155.24
28 23 00 00-0939 EA 30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN).....	4,386.00	155.24
28 23 00 00-0940	<b>Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 23 00 00-0932)</b>	
28 23 00 00-0941 EA 10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W).....	3,238.81	155.24
28 23 00 00-0942 EA 20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W).....	3,683.91	155.24
28 23 00 00-0943 EA 30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W).....	4,300.83	155.24
28 23 00 00-0944 EA 10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW).....	3,335.09	155.24
28 23 00 00-0945 EA 20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW).....	3,799.45	155.24
28 23 00 00-0946 EA 30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	4,416.37	155.24
28 23 00 00-0947	<b>Esprit® CLZ, Pan/Tilt Camera Systems (28 23 00 00-0930)</b>	
28 23 00 00-0948	<b>DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 23 00 00-0947)</b>	
28 23 00 00-0949	<b>Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 23 00 00-0948)</b>	
28 23 00 00-0950 EA 10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	3,323.98	155.24
28 23 00 00-0951 EA 20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	3,769.08	155.24
28 23 00 00-0952 EA 30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	4,386.00	155.24
28 23 00 00-0953 EA 10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	3,419.52	155.24
28 23 00 00-0954 EA 20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	3,884.62	155.24
28 23 00 00-0955 EA 30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	4,501.54	155.24

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-0956</b> Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0948)</small>		
28 23 00 00-0957 EA 10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	3,354.35	155.24
28 23 00 00-0958 EA 20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	3,799.45	155.24
28 23 00 00-0959 EA 30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	4,416.37	155.24
28 23 00 00-0960 EA 10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	3,450.62	155.24
28 23 00 00-0961 EA 20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	3,914.98	155.24
28 23 00 00-0962 EA 30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	4,531.90	155.24
<b>28 23 00 00-0963</b> Esprit® AJZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0930)</small>		
<b>28 23 00 00-0964</b> High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0963)</small>		
<b>28 23 00 00-0965</b> Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0964)</small>		
28 23 00 00-0966 EA 6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N).....	3,130.68	155.24
28 23 00 00-0967 EA 5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N).....	3,575.79	155.24
28 23 00 00-0968 EA 5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N).....	4,192.71	155.24
28 23 00 00-0969 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN).....	3,226.96	155.24
28 23 00 00-0970 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN).....	3,691.32	155.24
28 23 00 00-0971 EA 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN).....	4,308.24	155.24
<b>28 23 00 00-0972</b> Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0964)</small>		
28 23 00 00-0973 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,161.79	155.24
28 23 00 00-0974 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W).....	3,606.15	155.24
28 23 00 00-0975 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W).....	4,223.81	155.24
28 23 00 00-0976 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW).....	3,183.27	155.24
28 23 00 00-0977 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,257.33	155.24
28 23 00 00-0978 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW).....	3,721.68	155.24
28 23 00 00-0979 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW).....	4,339.34	155.24
<b>28 23 00 00-0980</b> Esprit® AMZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0930)</small>		
<b>28 23 00 00-0981</b> Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0980)</small>		
<b>28 23 00 00-0982</b> Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0981)</small>		
28 23 00 00-0983 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N).....	3,760.19	155.24
28 23 00 00-0984 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N).....	4,377.11	155.24
28 23 00 00-0985 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN).....	3,411.37	155.24
28 23 00 00-0986 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN).....	3,875.73	155.24
28 23 00 00-0987 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN).....	4,492.65	155.24
<b>28 23 00 00-0988</b> Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0981)</small>		
28 23 00 00-0989 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W).....	3,346.20	155.24
28 23 00 00-0990 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W).....	3,790.56	155.24
28 23 00 00-0991 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W).....	4,408.22	155.24
28 23 00 00-0992 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW).....	3,441.74	155.24
28 23 00 00-0993 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW).....	3,906.09	155.24
28 23 00 00-0994 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW).....	4,523.75	155.24
<b>28 23 00 00-0995</b> Esprit® KWZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0930)</small>		
<b>28 23 00 00-0996</b> Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0995)</small>		
<b>28 23 00 00-0997</b> Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0996)</small>		
28 23 00 00-0998 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N).....	4,475.61	155.24
28 23 00 00-0999 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN).....	3,509.13	155.24



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1000 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN).....	4,591.15	155.24
<b>28 23 00 00-1001 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 23 00 00-0996)</b>		
28 23 00 00-1002 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W) .....	3,443.96	155.24
28 23 00 00-1003 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W) .....	4,506.72	155.24
28 23 00 00-1004 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW).....	3,540.24	155.24
28 23 00 00-1005 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	4,004.59	155.24
28 23 00 00-1006 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	4,622.25	155.24
<b>28 23 00 00-1007 Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-0930)</b>		
<b>28 23 00 00-1008 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1007)</b>		
<b>28 23 00 00-1009 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1008)</b>		
28 23 00 00-1010 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N) .....	3,754.27	155.24
<b>28 23 00 00-1011 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1008)</b>		
28 23 00 00-1012 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W) .....	3,784.63	155.24
<b>28 23 00 00-1013 High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1007)</b>		
<b>28 23 00 00-1014 Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1013)</b>		
28 23 00 00-1015 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N) .....	4,475.61	155.24
28 23 00 00-1016 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N) .....	4,324.53	155.24
28 23 00 00-1017 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N) .....	4,928.12	155.24
<b>28 23 00 00-1018 Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1013)</b>		
28 23 00 00-1019 EA 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W) .....	4,505.24	155.24
28 23 00 00-1020 EA 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W).....	4,324.53	155.24
28 23 00 00-1021 EA 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W).....	4,961.45	155.24
<b>28 23 00 00-1022 Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-0930)</b>		
<b>28 23 00 00-1023 High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1022)</b>		
<b>28 23 00 00-1024 Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1023)</b>		
28 23 00 00-1025 EA 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N).....	2,866.29	155.24
28 23 00 00-1026 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N).....	3,588.38	155.24
28 23 00 00-1027 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N).....	3,439.52	155.24
28 23 00 00-1028 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N).....	3,909.80	155.24
<b>28 23 00 00-1029 Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1023)</b>		
28 23 00 00-1030 EA 16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W) .....	2,895.91	155.24
28 23 00 00-1031 EA 22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W).....	3,618.74	155.24
28 23 00 00-1032 EA 24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W) .....	3,469.88	155.24
28 23 00 00-1033 EA 35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W) .....	3,943.12	155.24
<b>28 23 00 00-1034 Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-0930)</b>		
<b>28 23 00 00-1035 Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1034)</b>		
<b>28 23 00 00-1036 Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1035)</b>		
28 23 00 00-1037 EA 14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N) .....	18,904.72	155.24
28 23 00 00-1038 EA 35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N) .....	20,336.30	155.24
28 23 00 00-1039 EA 50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N) .....	20,816.95	155.24
<b>28 23 00 00-1040 Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1035)</b>		
28 23 00 00-1041 EA 14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W).....	18,935.83	155.24
28 23 00 00-1042 EA 35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W) .....	20,366.67	155.24
28 23 00 00-1043 EA 50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W) .....	20,847.32	155.24

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1044			<b>Accessories For Esprit® Pan/Tilt Camera Systems</b> (28 23 00 00-0930)		
28 23 00 00-1045	EA		Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE) .....	7.38	1.73
28 23 00 00-1046	EA		Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT) .....	43.17	8.62
28 23 00 00-1047	EA		Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM) .....	69.83	8.62
28 23 00 00-1048	EA		Wall Mount For High Security Enclosures (Pelco HSWM12) .....	89.83	8.62
28 23 00 00-1049	EA		Ground Isolation Transformer (Pelco GIT100) .....	250.50	23.56
28 23 00 00-1050	EA		High Security, Indoor Wedge Style Enclosure (Pelco HS2100) .....	246.79	23.56
28 23 00 00-1051	EA		High Security, Indoor 10" Length Enclosure (Pelco HS3000) .....	304.56	23.56
28 23 00 00-1052	EA		High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500) .....	578.58	23.56
28 23 00 00-1053	EA		High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080) .....	230.50	23.56
28 23 00 00-1054	EA		High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134) .....	460.83	23.56
28 23 00 00-1055	EA		Bullet-Resistant, Outdoor Enclosure (Pelco HS4514) .....	1,001.47	23.56
28 23 00 00-1056	EA		Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT) .....	1,194.76	23.56
28 23 00 00-1057	EA		24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24) .....	1,238.46	23.56
28 23 00 00-1058	EA		35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35) .....	1,307.33	23.56
28 23 00 00-1059	EA		24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2) .....	2,201.24	23.56
28 23 00 00-1060	EA		115/230 Volt AC, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5) .....	2,201.24	23.56
28 23 00 00-1061	EA		24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N) .....	2,223.45	23.56
28 23 00 00-1062	EA		120 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5N) .....	2,223.45	23.56
28 23 00 00-1063	EA		24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W) .....	2,254.56	23.56
28 23 00 00-1064	EA		120 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5W) .....	2,254.56	23.56
28 23 00 00-1065	EA		30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30) .....	4,147.53	23.56
28 23 00 00-1066	EA		30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P) .....	4,263.07	23.56
28 23 00 00-1067	EA		Esprit® Camera Pole Mount Adapter (Pelco EPM) .....	61.69	5.55
28 23 00 00-1068	EA		Pole Mount Adapter For Esprit® Systems (Pelco EPM) .....	61.69	5.55
28 23 00 00-1069			<b>Camera Lenses</b> (28 23 00 00-0559)		
28 23 00 00-1070			<b>Fixed Focus Camera Lenses</b> (28 23 00 00-1069) Note: 1/3" format and manual focus.		
28 23 00 00-1071			<b>Manual Iris, Fixed Focus Camera Lenses</b> (28 23 00 00-1070)		
28 23 00 00-1072	EA		2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3) .....	112.36	8.10
28 23 00 00-1073	EA		2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8) .....	91.63	8.10
28 23 00 00-1074	EA		4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4) .....	81.26	8.10
28 23 00 00-1075	EA		8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8) .....	79.04	8.10
28 23 00 00-1076			<b>Direct Drive Auto Iris, Fixed Focus Camera Lenses</b> (28 23 00 00-1070) Note: Includes spot filter. Excludes amplifier.		
28 23 00 00-1077	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3) .....	142.73	8.10
28 23 00 00-1078	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8) .....	112.36	8.10
28 23 00 00-1079	EA		4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4) .....	104.96	8.10
28 23 00 00-1080	EA		8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8) .....	72.37	8.10
28 23 00 00-1081			<b>Video Drive Auto Iris, Fixed Focus Camera Lenses</b> (28 23 00 00-1070) Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 23 00 00-1082	EA		2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S) .....	170.13	8.10
28 23 00 00-1083	EA		2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S) .....	139.03	8.10
28 23 00 00-1084	EA		4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S) .....	131.62	8.10
28 23 00 00-1085	EA		8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S) .....	125.70	8.10
28 23 00 00-1086			<b>Varifocal Camera Lenses</b> (28 23 00 00-1069) Note: 1/3" format and manual focus and zoom.		
28 23 00 00-1087			<b>Manual Iris, Varifocal Camera Lenses</b> (28 23 00 00-1086)		
28 23 00 00-1088	EA		1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3) .....	173.83	8.10
28 23 00 00-1089	EA		2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6) .....	133.10	8.10
28 23 00 00-1090	EA		2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12) .....	101.26	8.10
28 23 00 00-1091	EA		3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8) .....	87.92	8.10
28 23 00 00-1092	EA		5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5) .....	244.19	8.10
28 23 00 00-1093	EA		5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40) .....	136.80	8.10
28 23 00 00-1094	EA		5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50) .....	168.65	8.10
28 23 00 00-1095			<b>Direct Drive Auto Iris, Varifocal Camera Lenses</b> (28 23 00 00-1086) Note: Includes spot filter.		
28 23 00 00-1096	EA		1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3) .....	205.68	8.10
28 23 00 00-1097	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6) .....	179.02	8.10
28 23 00 00-1098	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12) .....	131.62	8.10
28 23 00 00-1099	EA		3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8) .....	92.37	8.10
28 23 00 00-1100	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5) .....	267.15	8.10
28 23 00 00-1101	EA		5-40 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-40) .....	153.10	8.10
28 23 00 00-1102	EA		5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50) .....	203.46	8.10
28 23 00 00-1103			<b>Video Drive Auto Iris, Varifocal Camera Lenses</b> (28 23 00 00-1086) Note: Includes spot filter.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1104 EA 1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S) .....	233.08	8.10
28 23 00 00-1105 EA 2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S) .....	205.68	8.10
28 23 00 00-1106 EA 3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S) .....	119.77	8.10
28 23 00 00-1107 EA 5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S) .....	230.12	8.10
<b>28 23 00 00-1108 Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses</b> <small>(28 23 00 00-1086)</small>		
28 23 00 00-1109 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....	110.14	8.10
28 23 00 00-1110 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....	177.54	8.10
<b>28 23 00 00-1111 Motorized Zoom Camera Lenses</b> <small>(28 23 00 00-1069)</small>		
<i>Note: 1/3" format.</i>		
<b>28 23 00 00-1112 Manual Iris, Motorized Zoom Camera Lenses</b> <small>(28 23 00 00-1111)</small>		
28 23 00 00-1113 EA 8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	430.82	8.10
28 23 00 00-1114 EA 10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	540.43	8.10
28 23 00 00-1115 EA 15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	576.72	8.10
<b>28 23 00 00-1116 Direct Drive Auto Iris, Motorized Zoom Camera Lenses</b> <small>(28 23 00 00-1111)</small>		
<i>Note: Includes spot filter.</i>		
28 23 00 00-1117 EA 6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	414.53	8.10
28 23 00 00-1118 EA 10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	500.44	8.10
28 23 00 00-1119 EA 15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	638.19	8.10
28 23 00 00-1120 EA 20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	945.54	8.10
28 23 00 00-1121 EA 30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	1,563.20	8.10
<b>28 23 00 00-1122 Video Drive Auto Iris, Motorized Zoom Camera Lenses</b> <small>(28 23 00 00-1111)</small>		
<i>Note: Includes spot filter.</i>		
28 23 00 00-1123 EA 8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	441.93	8.10
28 23 00 00-1124 EA 10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	527.84	8.10
28 23 00 00-1125 EA 15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	665.59	8.10
28 23 00 00-1126 EA 20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	972.94	8.10
28 23 00 00-1127 EA 30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	1,589.86	8.10
<b>28 23 00 00-1128 Camera Power Supplies</b> <small>(28 23 00 00-0559)</small>		
28 23 00 00-1129 EA 20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000) .....	27.12	6.90
28 23 00 00-1130 EA 50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000) .....	49.34	6.90
28 23 00 00-1131 EA 2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	109.81	13.79
28 23 00 00-1132 EA 5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	151.00	20.70
28 23 00 00-1133 EA 10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	218.87	27.60
<i>For Switchable Outputs, Add</i>		<i>98.20</i>
28 23 00 00-1134 EA 20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	270.43	34.50
<i>For Switchable Outputs, Add</i>		<i>120.86</i>
<b>28 23 00 00-1135 Camera Illuminators</b> <small>(28 23 00 00-0559)</small>		
<b>28 23 00 00-1136 Camera Illuminators</b> <small>(28 23 00 00-1135)</small>		
<i>Note: Includes lamp and mounting bracket.</i>		
28 23 00 00-1137 EA Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF) .....	1,162.20	13.79
28 23 00 00-1138 EA Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS) .....	1,162.20	13.79
28 23 00 00-1139 EA Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF) .....	1,162.20	13.79
<b>28 23 00 00-1140 Camera Illuminator Accessories</b> <small>(28 23 00 00-1135)</small>		
28 23 00 00-1141 EA Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....	90.55	13.79
<b>28 23 00 00-1142 Camera Receivers</b> <small>(28 23 00 00-0559)</small>		
28 23 00 00-1143 EA 24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,111.07	23.56
28 23 00 00-1144 EA 120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,111.07	23.56
<b>28 23 00 00-1145 Pan And Tilt Drives</b> <small>(28 23 00 00-0559)</small>		
28 23 00 00-1146 EA 15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P) .....	779.66	51.74
28 23 00 00-1147 EA 40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P) .....	995.91	51.74
<i>For Preset Positioning, Add</i>		<i>165.00</i>
28 23 00 00-1148 EA 100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P) .....	2,130.51	51.74
<i>For Preset Positioning, Add</i>		<i>165.00</i>
28 23 00 00-1149 EA 100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC) .....	2,437.86	51.74
<i>For Preset Positioning, Add</i>		<i>165.00</i>
28 23 00 00-1150 EA 100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	2,824.45	51.74
<i>For Preset Positioning, Add</i>		<i>165.00</i>
28 23 00 00-1151 EA 100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	3,646.52	51.74
<i>For Preset Positioning, Add</i>		<i>165.00</i>

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-1152 Scanners</b> (28 23 00 00-0559)		
28 23 00 00-1153 EA 35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	892.97	51.74
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
28 23 00 00-1154 EA 35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	939.63	51.74
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
<b>28 23 00 00-1155 Camera Monitors</b> (28 23 00 00-0568)		
<b>28 23 00 00-1156 Camera Monitors</b> (28 23 00 00-1155)		
<b>28 23 00 00-1157 Monochrome Camera Monitors</b> (28 23 00 00-1156)		
28 23 00 00-1158 EA 9" Monochrome Camera Monitor (Pelco PMM9A).....	174.00	10.35
28 23 00 00-1159 EA 12" Monochrome Camera Monitor (Pelco PMM12A).....	199.93	10.35
28 23 00 00-1160 EA 15" Monochrome Camera Monitor (Pelco PMM15A).....	309.53	10.35
28 23 00 00-1161 EA 20" Monochrome Camera Monitor (Pelco PMM20A).....	501.35	10.35
<b>28 23 00 00-1162 Color Camera Monitors</b> (28 23 00 00-1156)		
28 23 00 00-1163 EA 9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	566.52	10.35
28 23 00 00-1164 EA 15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	458.39	10.35
28 23 00 00-1165 EA 17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	668.72	10.35
28 23 00 00-1166 EA 19", High Resolution Color, Camera Monitor (Pelco PMCS19A).....	890.90	10.35
<b>28 23 00 00-1167 LCD Camera Monitors</b> (28 23 00 00-1155)		
<b>28 23 00 00-1168 VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)</b> (28 23 00 00-1167)		
Note: Displays VGA computer signals.		
28 23 00 00-1169 EA 17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217).....	641.32	10.35
28 23 00 00-1170 EA 19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219).....	836.84	10.35
<b>28 23 00 00-1171 Multimode, Color LCD Camera Monitors (Pelco 300 Series)</b> (28 23 00 00-1167)		
Note: Displays VGA computer signals and/or composite video signals.		
28 23 00 00-1172 EA 15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315).....	730.19	10.35
28 23 00 00-1173 EA 17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317).....	875.35	10.35
28 23 00 00-1174 EA 19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319).....	1,078.28	10.35
<b>28 23 00 00-1175 Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)</b> (28 23 00 00-1167)		
Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 23 00 00-1176 EA 15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415).....	939.04	10.35
28 23 00 00-1177 EA 17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417).....	1,090.13	10.35
28 23 00 00-1178 EA 19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419).....	1,369.33	10.35
<b>28 23 00 00-1179 Camera Monitor Mounting Accessories</b> (28 23 00 00-1155)		
<b>28 23 00 00-1180 Camera Monitor Mounts</b> (28 23 00 00-1179)		
28 23 00 00-1181 EA Up To 14", Camera Monitor Mount (Pelco).....	212.75	13.79
28 23 00 00-1182 EA >14" To 17", Camera Monitor Mount (Pelco).....	249.04	13.79
28 23 00 00-1183 EA >17" To 21", Camera Monitor Mount (Pelco).....	293.48	13.79
<b>28 23 00 00-1184 Camera Monitor Rack Mount Kits</b> (28 23 00 00-1179)		
28 23 00 00-1185 EA Camera Monitor Rack Mount Kit (Pelco PMCL-RM).....	126.10	13.79
<b>28 23 00 00-1186 Video Transmission Equipment</b> (28 23 00 00-0558)		
<b>28 23 00 00-1187 UTP Cable, Video Transmission Equipment</b> (28 23 00 00-1186)		
<b>28 23 00 00-1188 UTP Cable, Active Video Receivers</b> (28 23 00 00-1187)		
28 23 00 00-1189 EA Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR).....	267.79	17.25
28 23 00 00-1190 EA Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR).....	943.96	17.25
28 23 00 00-1191 EA Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US).....	1,866.00	17.25
28 23 00 00-1192 EA Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US).....	3,070.96	17.25
28 23 00 00-1193 EA Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US).....	3,587.16	17.25
<b>28 23 00 00-1194 UTP Cable, Passive Video Transceivers</b> (28 23 00 00-1187)		
28 23 00 00-1195 EA Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P).....	72.27	17.25
28 23 00 00-1196 EA Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P).....	267.79	17.25
28 23 00 00-1197 EA Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P).....	501.82	17.25
28 23 00 00-1198 EA Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P).....	962.47	17.25
28 23 00 00-1199 EA Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P).....	1,891.18	17.25





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 23 00 00-1200 UTP Cable, Active Video Transmitters</b> <small>(28 23 00 00-1187)</small>		
28 23 00 00-1201 EA Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT).....	280.38	17.25
<b>28 23 00 00-1202 Fiber Optics, Video Transmission Equipment</b> <small>(28 23 00 00-1186)</small>		
<b>28 23 00 00-1203 Data Only, Fiber Optics Transmission Equipment</b> <small>(28 23 00 00-1202)</small>		
<b>28 23 00 00-1204 Bidirectional Data, Fiber Optics Transmitters</b> <small>(28 23 00 00-1203)</small>		
28 23 00 00-1205 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS).....	1,659.80	34.50
28 23 00 00-1206 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM) .....	668.88	34.50
28 23 00 00-1207 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S).....	1,208.77	34.50
28 23 00 00-1208 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M) .....	828.85	34.50
<b>28 23 00 00-1209 Bidirectional Data, Fiber Optics Receivers</b> <small>(28 23 00 00-1203)</small>		
28 23 00 00-1210 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS) .....	1,659.80	34.50
28 23 00 00-1211 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM).....	668.88	34.50
28 23 00 00-1212 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S) .....	1,208.77	34.50
28 23 00 00-1213 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M) .....	828.85	34.50
<b>28 23 00 00-1214 Video Only, Fiber Optics Transmission Equipment</b> <small>(28 23 00 00-1202)</small>		
<b>28 23 00 00-1215 Digitally Encoded Video, Fiber Optics Transmitters</b> <small>(28 23 00 00-1214)</small>		
28 23 00 00-1216 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS) .....	728.12	34.50
28 23 00 00-1217 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM).....	308.94	34.50
28 23 00 00-1218 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S) .....	2,045.65	34.50
28 23 00 00-1219 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M).....	1,223.59	34.50
28 23 00 00-1220 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S) .....	3,360.96	34.50
28 23 00 00-1221 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M) .....	2,792.18	34.50
28 23 00 00-1222 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S) .....	8,367.41	34.50
28 23 00 00-1223 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M) .....	7,445.37	34.50
<b>28 23 00 00-1224 Digitally Encoded Video, Fiber Optics Receivers</b> <small>(28 23 00 00-1214)</small>		
28 23 00 00-1225 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS).....	728.12	34.50
28 23 00 00-1226 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM) .....	308.94	34.50
28 23 00 00-1227 EA Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS).....	1,253.95	34.50
28 23 00 00-1228 EA Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM).....	499.28	34.50
28 23 00 00-1229 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S) .....	2,045.65	34.50
28 23 00 00-1230 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M) .....	1,223.59	34.50
28 23 00 00-1231 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S).....	3,360.96	34.50
28 23 00 00-1232 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M).....	2,792.18	34.50
28 23 00 00-1233 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S) .....	8,367.41	34.50
28 23 00 00-1234 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M).....	7,445.37	34.50
<b>28 23 00 00-1235 Video And Data, Fiber Optics Transmission Equipment</b> <small>(28 23 00 00-1202)</small>		
<b>28 23 00 00-1236 Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters</b> <small>(28 23 00 00-1235)</small>		
28 23 00 00-1237 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS) .....	1,266.54	34.50
28 23 00 00-1238 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	748.86	34.50
28 23 00 00-1239 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	2,969.18	34.50
28 23 00 00-1240 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	2,568.51	34.50
28 23 00 00-1241 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	4,815.50	34.50
28 23 00 00-1242 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	3,486.86	34.50
<b>28 23 00 00-1243 Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers</b> <small>(28 23 00 00-1235)</small>		
28 23 00 00-1244 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,266.54	34.50
28 23 00 00-1245 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	748.86	34.50
28 23 00 00-1246 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	2,969.18	34.50
28 23 00 00-1247 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	2,568.51	34.50
28 23 00 00-1248 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S) .....	4,815.50	34.50
28 23 00 00-1249 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	3,486.86	34.50

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1250	Video, Audio And Data, Fiber Optics Transmission Equipment (28 23 00 00-1202)	
28 23 00 00-1251	Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters (28 23 00 00-1250)	
28 23 00 00-1252 EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S) .....	1,636.10 34.50
28 23 00 00-1253 EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M) .....	1,298.39 34.50
28 23 00 00-1254	Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers (28 23 00 00-1250)	
28 23 00 00-1255 EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S) .....	1,636.10 34.50
28 23 00 00-1256 EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M) .....	1,298.39 34.50
28 23 00 00-1257	Video Amplifiers (28 23 00 00-1186)	
28 23 00 00-1258	Video Distribution Amplifiers (28 23 00 00-1257)	
28 23 00 00-1259 EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT) .....	200.18 8.62
28 23 00 00-1260 EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) .....	1,654.72 8.62
	Note: Inserts time-date and title on up to 16 video inputs.	
28 23 00 00-1261	Video Equalizing Amplifiers (28 23 00 00-1257)	
28 23 00 00-1262 EA	Video Equalizing Amplifier (Pelco EA2010) .....	217.95 8.62
28 23 00 00-1263 EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000) .....	344.60 8.62
28 23 00 00-1264	Network Video Equipment (28 23 00 00-0558)	
28 23 00 00-1265	Video Encoders/Decoders (28 23 00 00-1264)	
28 23 00 00-1266 EA	MPEG4 IP Video Receiver (Pelco NET300R) .....	806.63 17.25
28 23 00 00-1267 EA	MPEG4 IP Video Transmitter (Pelco NET300T) .....	806.63 17.25
28 23 00 00-1268 EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R) .....	931.05 17.25
28 23 00 00-1269 EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T) .....	931.05 17.25
28 23 00 00-1270	Network Video Recorders (28 23 00 00-1264)	
28 23 00 00-1271 EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316) .....	5,198.39 34.50
28 23 00 00-1272 EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332) .....	6,052.30 34.50
28 23 00 00-1273 EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364) .....	7,761.60 34.50
28 23 00 00-1274 EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300) .....	5,133.95 34.50
28 23 00 00-1275	Network Video Recorder Software (28 23 00 00-1264)	
28 23 00 00-1276 EA	10 User, License Pack (Pelco VMX300-LIC-10) .....	515.46
28 23 00 00-1277 EA	20 User, License Pack (Pelco VMX300-LIC-20) .....	929.45
28 23 00 00-1278 EA	50 User, License Pack (Pelco VMX300-LIC-50) .....	2,064.05
28 23 00 00-1279 EA	100 User, License Pack (Pelco VMX300-LIC-100) .....	3,610.42
28 23 00 00-1280 EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10) .....	860.58
28 23 00 00-1281 EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20) .....	1,547.85
28 23 00 00-1282 EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50) .....	3,440.09
28 23 00 00-1283 EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100) .....	6,018.86
28 23 00 00-1284 EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200) .....	10,317.30
28 23 00 00-1285 EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500) .....	21,493.69
28 23 00 00-1286 EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0) .....	4,624.84
28 23 00 00-1287 EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1) .....	4,911.45
28 23 00 00-1288 EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4) .....	7,778.32
28 23 00 00-1289 EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0) .....	5,141.04
28 23 00 00-1290 EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1) .....	5,427.65
28 23 00 00-1291 EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4) .....	8,293.03
28 23 00 00-1292 EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0) .....	4,969.22
28 23 00 00-1293 EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1) .....	5,256.57
28 23 00 00-1294 EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4) .....	8,122.69
28 23 00 00-1295 EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0) .....	5,828.32
28 23 00 00-1296 EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1) .....	6,114.93



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1297 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4).....	8,981.79	
<b>28 23 00 00-1298 Video Recording Equipment</b> (28 23 00 00-0558)		
<b>28 23 00 00-1299 Digital Video Recorders</b> (28 23 00 00-1298)		
28 23 00 00-1300 EA 8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000).....	4,181.54	34.50
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1301 EA 8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000).....	5,656.82	34.50
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1302 EA 8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000).....	7,132.09	34.50
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1303 EA 16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000).....	4,796.24	34.50
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1304 EA 16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000).....	6,271.51	34.50
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1305 EA 16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000).....	7,746.79	34.50
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
28 23 00 00-1306 EA 8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A) .....	8,149.68	34.50
28 23 00 00-1307 EA 8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A) .....	11,181.69	34.50
28 23 00 00-1308 EA 8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A) .....	14,214.45	34.50
28 23 00 00-1309 EA 16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A) .....	9,815.29	34.50
28 23 00 00-1310 EA 16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A) .....	12,847.30	34.50
28 23 00 00-1311 EA 16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A) .....	15,880.06	34.50
28 23 00 00-1312 EA 24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A) .....	10,731.41	34.50
28 23 00 00-1313 EA 24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A) .....	13,763.42	34.50
28 23 00 00-1314 EA 24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A) .....	16,796.18	34.50
28 23 00 00-1315 EA 32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A) .....	12,397.02	34.50
28 23 00 00-1316 EA 32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A) .....	15,429.03	34.50
28 23 00 00-1317 EA 32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A) .....	18,461.79	34.50
28 23 00 00-1318 EA 16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500) .....	8,997.89	34.50
<b>28 23 00 00-1319 Digital Video Recorder Accessories</b> (28 23 00 00-1298)		
28 23 00 00-1320 EA 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	779.97	17.25
<b>28 23 00 00-1321 Matrix Systems And Controls</b> (28 23 00 00-0558)		
<b>28 23 00 00-1322 Video Multiplexers</b> (28 23 00 00-1321)		
<b>28 23 00 00-1323 Monochrome Duplex, Video Multiplexers</b> (28 23 00 00-1322)		
28 23 00 00-1324 EA 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	1,486.50	34.50
28 23 00 00-1325 EA 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,404.29	34.50
<b>28 23 00 00-1326 Color Duplex, Video Multiplexers</b> (28 23 00 00-1322)		
28 23 00 00-1327 EA 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	999.92	34.50
28 23 00 00-1328 EA 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	1,919.01	34.50
28 23 00 00-1329 EA 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	2,081.20	34.50
<b>28 23 00 00-1330 Color Simplex, Video Multiplexers</b> (28 23 00 00-1322)		
28 23 00 00-1331 EA 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	1,610.92	34.50
28 23 00 00-1332 EA 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	1,883.46	34.50
<b>28 23 00 00-1333 Video Multiplexer Accessories</b> (28 23 00 00-1322)		
28 23 00 00-1334 EA Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	876.30	23.56
28 23 00 00-1335 EA Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002) .....	507.48	23.56
28 23 00 00-1336 EA Video Multiplexer Server (Pelco MX4000SVR).....	1,486.50	34.50
<b>28 23 00 00-1337 Quad Video Processor</b> (28 23 00 00-1321)		
28 23 00 00-1338 EA Monochrome, Quad Video Processor (Pelco QD104M) .....	457.38	17.25
28 23 00 00-1339 EA Color, Quad Video Processor (Pelco QD104C) .....	753.62	17.25
<b>28 23 00 00-1340 Switcher</b> (28 23 00 00-1321)		
<b>28 23 00 00-1341 Terminating Manual Switchers</b> (28 23 00 00-1340)		
<b>28 23 00 00-1342 Terminating Manual Switchers</b> (28 23 00 00-1341)		
28 23 00 00-1343 EA 4 Inputs, Terminating Manual Switcher (Pelco MS504DT) .....	155.72	13.79
28 23 00 00-1344 EA 8 Inputs, Terminating Manual Switcher (Pelco MS508DT) .....	213.49	13.79

**28 Electronic Safety And Security****28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1345 EA 12 Inputs, Terminating Manual Switcher (Pelco MS512DT) .....	260.89	13.79
28 23 00 00-1346 EA 18 Inputs, Terminating Manual Switcher (Pelco MS518DT) .....	430.49	13.79
<b>28 23 00 00-1347 Audio Follow, Terminating Manual Switchers (28 23 00 00-1341)</b>		
28 23 00 00-1348 EA 4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF) .....	203.12	13.79
28 23 00 00-1349 EA 8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF) .....	362.35	13.79
28 23 00 00-1350 EA 18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF) .....	637.11	13.79
<b>28 23 00 00-1351 Balanced Audio Follow, Terminating Manual Switchers (28 23 00 00-1341)</b>		
28 23 00 00-1352 EA 4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF) .....	273.48	13.79
28 23 00 00-1353 EA 8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF) .....	506.03	13.79
<b>28 23 00 00-1354 Looping Manual Switchers (28 23 00 00-1340)</b>		
<b>28 23 00 00-1355 Looping Manual Switchers (28 23 00 00-1354)</b>		
28 23 00 00-1356 EA 4 Inputs, Looping Manual Switcher (Pelco MS504LDT) .....	174.98	13.79
28 23 00 00-1357 EA 8 Inputs, Looping Manual Switcher (Pelco MS508LDT) .....	242.37	13.79
28 23 00 00-1358 EA 12 Inputs, Looping Manual Switcher (Pelco MS512LDT) .....	310.51	13.79
28 23 00 00-1359 EA 18 Inputs, Looping Manual Switcher (Pelco MS518LDT) .....	515.66	13.79
<b>28 23 00 00-1360 Audio Follow, Looping Manual Switchers (28 23 00 00-1354)</b>		
28 23 00 00-1361 EA 4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL) .....	219.42	13.79
28 23 00 00-1362 EA 8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL) .....	387.53	13.79
28 23 00 00-1363 EA 12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL) .....	534.17	13.79
<b>28 23 00 00-1364 Balanced Audio Follow, Looping Manual Switchers (28 23 00 00-1354)</b>		
28 23 00 00-1365 EA 4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL) .....	293.48	13.79
28 23 00 00-1366 EA 8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL) .....	536.39	13.79
28 23 00 00-1367 EA 12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL) .....	676.37	13.79
<b>28 23 00 00-1368 Sequential Switchers (28 23 00 00-1340)</b>		
<b>28 23 00 00-1369 Single Output, Sequential Switchers (28 23 00 00-1368)</b>		
28 23 00 00-1370 EA 4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104) .....	311.25	13.79
28 23 00 00-1371 EA 8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108) .....	466.78	13.79
<b>28 23 00 00-1372 Dual Outputs, Sequential Switchers (28 23 00 00-1368)</b>		
28 23 00 00-1373 EA 4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204) .....	390.49	13.79
28 23 00 00-1374 EA 8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208) .....	543.06	13.79
<b>28 23 00 00-1375 Controls (28 23 00 00-1321)</b>		
<b>28 23 00 00-1376 Direct/Multi-Cable Controls (28 23 00 00-1375)</b>		
28 23 00 00-1377 EA Scanner Control Module (Pelco MPS524DT) .....	258.58	34.50
28 23 00 00-1378 EA 120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT) .....	277.10	34.50
28 23 00 00-1379 EA 24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT) .....	308.94	34.50
28 23 00 00-1380 EA Motorized Zoom Lens Control Module (Pelco MLZ6DT) .....	323.76	34.50
28 23 00 00-1381 EA 120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT) .....	519.27	34.50
28 23 00 00-1382 EA 24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT) .....	573.34	34.50
<b>28 23 00 00-1383 Coaxitron Controls (28 23 00 00-1375)</b>		
28 23 00 00-1384 EA Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000) .....	369.73	23.56
28 23 00 00-1385 EA 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000) .....	718.56	23.56
28 23 00 00-1386 EA Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008) .....	818.54	23.56
<b>28 23 00 00-1387 Digital Controls (28 23 00 00-1375)</b>		
28 23 00 00-1388 EA Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A) .....	503.78	23.56
28 23 00 00-1389 EA Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A) .....	868.90	23.56
<b>28 23 00 00-1390 Lock Boxes (28 23 00 00-1321)</b>		
28 23 00 00-1391 EA VCR Lock Box (Pelco LB1000) .....	310.21	25.87
For Wall Mount, Add	165.00	
28 23 00 00-1392 EA Computer Disk Drive Lock Box (Pelco LB2000) .....	317.62	25.87
28 23 00 00-1393 EA VCR And Multiplexer Lock Box (Pelco LB3000) .....	591.64	25.87
Note: Includes storage for 32 VCR tapes.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**28 26 Electronic Personal Protection Systems** (28 20)

**28 26 23 Electronic Personal Safety Emergency Aid Devices** (28 26)

28 26 23 00-0001	EA	Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) (28 26 23)	178.74	
28 26 23 00-0002		Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) (28 26 23 00-0001)		
28 26 23 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) ..... Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	178.74	41.39
28 26 23 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) ..... Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	211.95	48.30
28 26 23 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) ..... Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	213.47	48.30
28 26 23 00-0006		<b>Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling)</b> (28 26 23 00-0001)		
28 26 23 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5) .....	130.82	25.87
28 26 23 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5) .....	126.71	20.70
28 26 23 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592) .....	60.53	20.70
28 26 23 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5).....	103.21	20.70
28 26 23 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5).....	118.47	20.70
28 26 23 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5) .....	134.31	20.70
28 26 23 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2).....	185.22	20.70
28 26 23 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4).....	207.12	20.70

**28 26 23 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling)** (28 26 23 00-0001)

28 26 23 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537) .....	79.68	20.70
28 26 23 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E) .....	116.06	20.70
28 26 23 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E) .....	151.18	20.70
28 26 23 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....	159.66	6.90
28 26 23 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930).....	119.30	20.70
28 26 23 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....	140.31	20.70
28 26 23 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L) .....	236.02	20.70
28 26 23 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620) .....	113.53	20.70
28 26 23 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675) .....	135.12	6.90
28 26 23 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676) .....	208.42	6.90
28 26 23 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685) .....	212.93	6.90
28 26 23 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686) .....	280.25	6.90

**28 30 Electronic Detection And Alarm** (28)

Note: Includes testing of new devices and certification.

**28 31 Fire Detection And Alarm** (28 30)

**28 31 23 Fire Detection and Alarm Annunciation Panels and Fire Stations** (28 31)

28 31 23 00-0001	EA	Edwards Fire Alarm (28 31 23)		
28 31 23 00-0002		EST3 Life Safety And Security Control (28 31 23 00-0001)		
28 31 23 00-0003		EST3 Network (28 31 23 00-0002)		
28 31 23 00-0004		Remote Annunciators (28 31 23 00-0003)		
28 31 23 00-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN)..... Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	821.52	51.74
28 31 23 00-0006	EA	Six Position Base Annunciator (EST3 3-6ANN)..... Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	671.31	51.74
28 31 23 00-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN)..... Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	846.46	51.74
28 31 23 00-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) .....	543.10	51.74
28 31 23 00-0009	EA	Annunciator Support Module (EST3 3-ANNSM) .....	101.40	17.25
		Note: Takes one space in Annunciator box. Supports one Control/Display module.		

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0010 EA Liquid Crystal Display Module (EST3 3-LCD).....	352.68	51.74
Note: Mounts over 3-CPU(1).		
28 31 23 00-0011 EA Liquid Crystal Display Module (EST3 3-LCDXL).....	366.60	51.74
Note: Mounts over 3-ANNCPU plus two spaces.		
28 31 23 00-0012 EA LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA).....	396.59	51.74
Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.		
28 31 23 00-0013 EA Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA).....	457.33	34.50
Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.		
28 31 23 00-0014 EA Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX).....	71.58	17.25
Note: Mounts up to three 3-EVDVRA modules.		
28 31 23 00-0015 EA Central Processor Unit Module (EST3 3-CPU3).....	869.81	51.74
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 31 23 00-0016 EA Primary Power Supply With Local Rail Module, 120 VAC, 50/60 Hz (EST3 3-CPU3).....	852.40	17.25
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
<b>28 31 23 00-0017 Remote Annunciators Cabinets (28 31 23 00-0003)</b>		
28 31 23 00-0018 EA Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCMB/B).....	76.91	17.25
28 31 23 00-0019 EA Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCMB/B-S).....	70.01	13.79
28 31 23 00-0020 EA Six Position LED/LCD Flush Wallbox (EST3 6ANN/B).....	86.32	17.25
28 31 23 00-0021 EA Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	79.42	13.79
28 31 23 00-0022 EA Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	95.15	17.25
28 31 23 00-0023 EA Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	88.25	13.79
<b>28 31 23 00-0024 Audio And Telephone Masters (28 31 23 00-0003)</b>		
28 31 23 00-0025 EA Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	2,658.40	68.99
28 31 23 00-0026 EA Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	1,486.16	68.99
28 31 23 00-0027 EA Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,390.92	68.99
28 31 23 00-0028 EA Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	1,405.56	68.99
28 31 23 00-0029 EA Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	1,603.34	68.99
28 31 23 00-0030 EA Zoned Audio Amplifier Module (EST3 3-ZA95).....	1,495.51	34.50
<b>28 31 23 00-0031 Battery Distribution Unit (28 31 23 00-0003)</b>		
28 31 23 00-0032 EA Battery Distribution Unit (EST3 3-BTSEN).....	305.06	236.05
<b>28 31 23 00-0033 Remote Booster Power Supply (28 31 23 00-0003)</b>		
28 31 23 00-0034 EA 6.5 Amp, 120 VAC, Booster Power Supply (EST3 BPS6A).....	469.87	51.74
28 31 23 00-0035 EA 10 Amp, 110 VAC Booster Power Supply (EST3 BPS10).....	535.06	51.74
28 31 23 00-0036 EA 10 Amp, 220 VAC Booster Power Supply (EST3 BPS10220).....	583.09	51.74
28 31 23 00-0037 EA Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	78.49	17.25
<b>28 31 23 00-0038 Batteries And Battery Cabinets (28 31 23 00-0003)</b>		
28 31 23 00-0039 EA 1.2 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V1A2 (1.2 Amp Hours)).....	60.59	17.25
28 31 23 00-0040 EA 4 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V4A (4.5 Amp Hours)).....	74.75	17.25
28 31 23 00-0041 EA 24 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V24A (26 Amp Hours)).....	172.45	17.25
28 31 23 00-0042 EA 6.5 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V6A5 (7.2 Amp Hours)).....	80.42	17.25
28 31 23 00-0043 EA 40 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V40A (40 Amp Hours)).....	217.81	17.25
28 31 23 00-0044 EA 10 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V10A (11 Amp Hours)).....	123.92	17.25
28 31 23 00-0045 EA 50 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V50A (50 Amp Hours)).....	438.80	17.25
28 31 23 00-0046 EA 17 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V17A (18 Amp Hours)).....	126.84	17.25
28 31 23 00-0047 EA 65 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V65A (65 Amp Hours)).....	527.65	17.25
28 31 23 00-0048 EA 8.0 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V8A (8 Amp Hours)).....	71.99	17.25
28 31 23 00-0049 EA 10 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V10A (12 Amp Hours)).....	64.91	17.25
28 31 23 00-0050 EA Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1).....	226.99	34.50
Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.		
28 31 23 00-0051 EA Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2).....	188.84	34.50
Note: Holds up to two 12V17A batteries.		
28 31 23 00-0052 EA Remote Closet Enclosure (EST3 3-RCC7R).....	636.27	68.99
28 31 23 00-0053 EA Remote Closet Enclosure (EST3 3-RCC14R).....	786.44	68.99
28 31 23 00-0054 EA Remote Closet Enclosure (EST3 3-RCC21R).....	1,097.82	68.99
<b>28 31 23 00-0055 Serial Printer (28 31 23 00-0003)</b>		
28 31 23 00-0056 EA System Printer - Desk Top Style (EST3 PT-1S).....	848.59	17.25
<b>28 31 23 00-0057 Intelligent Analog Initiating Devices (28 31 23 00-0002)</b>		
<b>28 31 23 00-0058 Detectors, Signature (28 31 23 00-0057)</b>		
28 31 23 00-0059 EA Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS).....	137.16	25.87
28 31 23 00-0060 EA Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB).....	153.64	25.87
28 31 23 00-0061 EA Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS).....	132.25	25.87
28 31 23 00-0062 EA Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	117.51	25.87
28 31 23 00-0063 EA Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	122.42	25.87
28 31 23 00-0064 EA Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS).....	101.08	25.87



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0065 EA Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS).....	101.08	25.87
28 31 23 00-0066 EA Passive Infrared Motion Detector (EST3 SIGA-MD).....	158.03	25.87
28 31 23 00-0067 EA Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS).....	174.12	25.87
28 31 23 00-0068 EA Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS).....	147.58	25.87
28 31 23 00-0069 EA Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS).....	211.51	25.87
28 31 23 00-0070 EA Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA2-HFS).....	123.73	25.87
28 31 23 00-0071 EA Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA2-HRS).....	123.73	25.87
28 31 23 00-0072 EA Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA2-PHS).....	169.07	25.87
<b>28 31 23 00-0073 Detectors, Duct Housings and Accessories, Signature</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0074 EA Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD).....	276.02	43.12
28 31 23 00-0075 EA Superduct, Test Magnet Kit (EST3 SD-MAG).....	12.49	
28 31 23 00-0076 EA Superduct, 120" Air Sample Tube (EST3 SD-T120).....	37.05	10.35
28 31 23 00-0077 EA Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK).....	72.50	13.79
28 31 23 00-0078 EA Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS).....	97.43	13.79
28 31 23 00-0079 EA High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL).....	44.07	13.79
<b>28 31 23 00-0080 Detectors, Smoke, Beam</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0081 EA Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A).....	94.62	
28 31 23 00-0082 EA Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01).....	1,111.79	25.87
28 31 23 00-0083 EA Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00).....	67.85	8.62
28 31 23 00-0084 EA Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01).....	80.46	8.62
28 31 23 00-0085 EA 160 - 330' Reflective Beam Detector (EST3 EC-100R).....	1,147.11	25.87
28 31 23 00-0086 EA 15 - 160' Reflective Beam Detector (EST3 EC-50R).....	978.59	25.87
28 31 23 00-0087 EA Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT).....	227.95	8.62
28 31 23 00-0088 EA 160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R).....	1,209.23	25.87
<b>28 31 23 00-0089 Modules, Signature</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0090 EA Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB).....	128.11	17.25
28 31 23 00-0091 EA Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1).....	84.62	17.25
28 31 23 00-0092 EA Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2).....	119.92	17.25
28 31 23 00-0093 EA Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2).....	114.97	17.25
28 31 23 00-0094 EA Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1).....	108.47	17.25
28 31 23 00-0095 EA Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2).....	129.81	17.25
28 31 23 00-0096 EA Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR).....	103.49	17.25
28 31 23 00-0097 EA Control Relay UIO (Plug In) Module (EST3 SIGA-MCR).....	100.27	17.25
28 31 23 00-0098 EA Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S).....	133.11	17.25
28 31 23 00-0099 EA Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO).....	129.81	17.25
28 31 23 00-0100 EA Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO).....	124.90	17.25
28 31 23 00-0101 EA Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM).....	114.71	97.46
28 31 23 00-0102 EA Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1).....	84.62	17.25
28 31 23 00-0103 EA Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S).....	133.74	17.25
<b>28 31 23 00-0104 Module Accessories, Signature</b> <small>(28 31 23 00-0057)</small>		
Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 & 2-gang modules.		
28 31 23 00-0105 EA Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4).....	33.75	8.62
28 31 23 00-0106 EA Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6).....	113.38	17.25
28 31 23 00-0107 EA Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P).....	12.81	5.17
28 31 23 00-0108 EA Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1).....	39.43	8.62
28 31 23 00-0109 EA Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2).....	35.35	8.62
28 31 23 00-0110 EA Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L).....	36.96	8.62
<b>28 31 23 00-0111 Single Action Pull Stations, Signature</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0112 EA One Stage Fire Alarm Station, English Markings (EST3 SIGA-270).....	142.96	35.88
28 31 23 00-0113 EA Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P).....	167.60	35.88
28 31 23 00-0114 EA GA Key - For Pre Signal Station (EST3 276-K2).....	19.41	15.96
28 31 23 00-0115 EA 20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR).....	24.16	20.71
28 31 23 00-0116 EA Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB).....	38.24	24.43
<b>28 31 23 00-0117 Double Action Pull Stations, Signature</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0118 EA Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278).....	147.87	35.88

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0119 EA 12 Glass Rods For SIGA-278 Series (EST3 276-GLR) .....	24.51	3.45
<b>28 31 23 00-0120</b> <b>Detector Bases and Accessories, Signature</b> <small>(28 31 23 00-0057)</small>		
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 31 23 00-0121 EA Audible (Sounder) Base (EST3 SIGA-AB4G) .....	70.20	8.62
28 31 23 00-0122 EA Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB) .....	27.15	8.62
28 31 23 00-0123 EA Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4) .....	87.29	8.62
28 31 23 00-0124 EA Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG) .....	50.17	8.62
28 31 23 00-0125 EA Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB).....	58.37	8.62
28 31 23 00-0126 EA Detector Mounting Plate (EST3 SIGA-DMP) .....	91.22	8.62
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 31 23 00-0127 EA Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED) .....	33.75	8.62
28 31 23 00-0128 EA Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS) .....	12.88	5.17
28 31 23 00-0129 EA Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4) .....	12.88	5.17
28 31 23 00-0130 EA Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF) .....	35.06	5.17
28 31 23 00-0131 EA Detector Base With Isolator (EST3 SIGA-IB).....	57.54	8.62
28 31 23 00-0132 EA Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4).....	61.06	8.62
28 31 23 00-0133 EA Detector Base With Form 'C' Relay (EST3 SIGA-RB).....	51.41	8.62
28 31 23 00-0134 EA Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4) .....	51.41	8.62
28 31 23 00-0135 EA Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4).....	28.38	8.62
<b>28 31 23 00-0136</b> <b>Controllers, Signature</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0137 EA Signature Dual Driver Controller (EST3 3-SSDC1).....	1,908.64	51.74
28 31 23 00-0138 EA Single Signature Loop Controller (EST3 3-SSDC1).....	1,098.26	51.74
28 31 23 00-0139 EA Signature Loop Controller (EST3 3-SDC1) .....	987.65	51.74
28 31 23 00-0140 EA Analog Addressable Loop Controller (EST3 3-AADC1) .....	1,577.09	51.74
<b>28 31 23 00-0141</b> <b>Relays And Accessories</b> <small>(28 31 23 00-0057)</small>		
28 31 23 00-0142 EA Multi Voltage Relay (EST3 MR101) .....	104.08	17.25
28 31 23 00-0143 EA Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T).....	31.67	8.62
<b>28 31 23 00-0144</b> <b>Notification Appliances</b> <small>(28 31 23 00-0002)</small>		
<b>28 31 23 00-0145</b> <b>Wall Strobes, Horns And Chimes</b> <small>(28 31 23 00-0144)</small>		
28 31 23 00-0146 EA Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM) .....	86.85	25.87
28 31 23 00-0147 EA Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM).....	86.85	25.87
28 31 23 00-0148 EA Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM) .....	98.29	25.87
28 31 23 00-0149 EA Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD) .....	73.97	25.87
28 31 23 00-0150 EA Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD) .....	73.97	25.87
28 31 23 00-0151 EA Temporal Horn, Hi/Lo dB Output, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-HD) .....	73.97	25.87
28 31 23 00-0152 EA Temporal Horn, Hi/Lo dB Output, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD).....	73.97	25.87
28 31 23 00-0153 EA Horn (Steady Tone), 24 VDC, White, Not Compatible With Signal Master (EST3 G1-P).....	63.14	25.87
28 31 23 00-0154 EA Horn (Steady Tone) - 24 VDC, Red, Not Compatible With Signal Master (EST3 G1R-P) .....	63.14	25.87
28 31 23 00-0155 EA Horn (Steady Tone), 24 VDC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P).....	63.14	25.87
28 31 23 00-0156 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM) .....	144.97	25.87
28 31 23 00-0157 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM).....	144.97	25.87
28 31 23 00-0158 EA Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C) .....	96.90	25.87
28 31 23 00-0159 EA Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C) .....	96.90	25.87
28 31 23 00-0160 EA Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575) .....	86.85	25.87
28 31 23 00-0161 EA Multi-cd Strobe, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-VM) .....	86.85	25.87
28 31 23 00-0162 EA Multi-Candela Strobe, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM) .....	86.85	25.87
28 31 23 00-0163 EA Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575) .....	86.85	25.87
28 31 23 00-0164 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM) .....	90.07	25.87
28 31 23 00-0165 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM).....	90.07	25.87
28 31 23 00-0166 EA Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH).....	97.59	25.87
28 31 23 00-0167 EA Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM) .....	90.07	25.87
28 31 23 00-0168 EA Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH).....	90.07	25.87
28 31 23 00-0169 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE) .....	56.10	25.87
28 31 23 00-0170 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE) .....	56.10	25.87
<b>28 31 23 00-0171</b> <b>Wall Speakers And Speaker Strobes</b> <small>(28 31 23 00-0144)</small>		
28 31 23 00-0172 EA Multi-Wattage 25 VRMS Speaker (EST3 G4-S2).....	73.00	25.87
28 31 23 00-0173 EA Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM) .....	109.27	25.87
28 31 23 00-0174 EA Multi-Wattage 70 VRMS Speaker (EST3 G4-S7).....	73.00	25.87
28 31 23 00-0175 EA Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM) .....	109.27	25.87
28 31 23 00-0176 EA Surface Box, White, For Genesis Speaker (EST3 G4B) .....	36.44	13.79
28 31 23 00-0177 EA Surface Box, Red, For Genesis Speaker (EST3 G4RB) .....	36.44	13.79





			DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>MINOR CSI UOM DESCRIPTION</b>					
<b>28 31 23 00-0178</b>			<b>Ceiling Speakers And Speaker Strobes</b> (28 31 23 00-0144)		
28 31 23 00-0179	EA		Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7).....	86.15	25.87
28 31 23 00-0180	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM).....	109.27	25.87
28 31 23 00-0181	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH).....	116.59	25.87
<b>28 31 23 00-0182</b>			<b>Harsh Environment Signals</b> (28 31 23 00-0144)		
28 31 23 00-0183	EA		Temporal Horn, Self-Synchronized, 24 VDC (EST3 757-1A-T).....	77.15	25.87
28 31 23 00-0184	EA		15/75 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-7A-T).....	106.02	25.87
28 31 23 00-0185	EA		110 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-8A-T).....	106.02	25.87
28 31 23 00-0186	EA		15 Candela Synchronized, 24 VDC, Strobe (EST3 405-5A-T).....	97.44	25.87
28 31 23 00-0187	EA		15/75 Candela Synchronized, 24 VDC, Strobe (EST3 405-7A-T).....	91.73	25.87
28 31 23 00-0188	EA		30 Candela Synchronized, 24 VDC, Strobe (EST3 405-3A-T).....	97.44	25.87
28 31 23 00-0189	EA		60 Candela Synchronized, 24 VDC, Strobe (EST3 405-6A-T).....	97.44	25.87
28 31 23 00-0190	EA		110 Candela Synchronized, 24 VDC, Strobe (EST3 405-8A-T).....	97.44	25.87
28 31 23 00-0191	EA		15/75 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T).....	107.88	29.33
28 31 23 00-0192	EA		110 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	107.88	29.33
28 31 23 00-0193	EA		15 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-5A-T).....	80.66	25.87
28 31 23 00-0194	EA		30 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-3A-T).....	103.33	25.87
<b>28 31 23 00-0195</b>			<b>Fire Alarm Bells</b> (28 31 23 00-0144)		
28 31 23 00-0196	EA		10" Single Stroke Fire Alarm Bells, 24 VDC (EST3 323D-10AW).....	114.03	25.87
28 31 23 00-0197	EA		6" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-6AW).....	92.47	25.87
28 31 23 00-0198	EA		10" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-10AW).....	101.67	25.87
<b>28 31 23 00-0199</b>			<b>Multiple Tone Signal</b> (28 31 23 00-0144)		
28 31 23 00-0200	EA		27 Tone Selectable Signal, 24 VDC (EST3 5530MD-24AW).....	698.71	672.84
<b>28 31 23 00-0201</b>			<b>Multi-Purpose Loudspeaker</b> (28 31 23 00-0144)		
28 31 23 00-0202	EA		15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	148.42	25.87
28 31 23 00-0203	EA		15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	148.42	25.87
<b>28 31 23 00-0204</b>			<b>Bell/Strobe Plate</b> (28 31 23 00-0144)		
28 31 23 00-0205	EA		Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	75.25	13.79
<b>28 31 23 00-0206</b>			<b>Mounting Accessories</b> (28 31 23 00-0144)		
28 31 23 00-0207	EA		Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	37.11	13.79
28 31 23 00-0208	EA		One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	37.11	13.79
28 31 23 00-0209	EA		Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	37.11	13.79
28 31 23 00-0210	EA		Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21).....	37.11	13.79
28 31 23 00-0211	EA		Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	37.11	13.79
<b>28 31 23 00-0212</b>			<b>Firefighters' Telephones</b> (28 31 23 00-0144)		
28 31 23 00-0213	EA		Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	630.44	43.12
28 31 23 00-0214	EA		Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	358.35	43.12
28 31 23 00-0215	EA		Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	260.36	43.12
28 31 23 00-0216	EA		Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	192.05	43.12
28 31 23 00-0217	EA		Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	346.15	43.12
28 31 23 00-0218	EA		Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	216.43	43.12
28 31 23 00-0219	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4).....	389.33	43.12
28 31 23 00-0220	EA		Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	224.56	43.12
28 31 23 00-0221	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4).....	444.63	43.12
28 31 23 00-0222	EA		Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	50.40	13.79
28 31 23 00-0223	EA		Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	57.48	13.79
28 31 23 00-0224	EA		Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	77.27	
28 31 23 00-0225	EA		Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	77.27	
28 31 23 00-0226	EA		Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	119.39	17.25
28 31 23 00-0227	EA		Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2).....	147.55	17.25
28 31 23 00-0228	EA		Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	105.31	17.25
28 31 23 00-0229	EA		Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4).....	101.17	17.25
28 31 23 00-0230	EA		Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	77.46	25.87
28 31 23 00-0231	EA		Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	648.74	34.50
<b>28 31 23 00-0232</b>			<b>Mass Notification EC Appliances</b> (28 31 23 00-0144)		
28 31 23 00-0233	EA		G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	90.09	25.87
28 31 23 00-0234	EA		G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	87.17	25.87
28 31 23 00-0235	EA		G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	90.09	25.87
28 31 23 00-0236	EA		G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	87.17	25.87
28 31 23 00-0237	EA		G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	13.85	5.17

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0238			<b>Hazardous Location Devices</b> (28 31 23 00-0002)		
28 31 23 00-0239			<b>Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location</b> (28 31 23 00-0238)		
28 31 23 00-0240	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	80.77	25.87
28 31 23 00-0241	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	80.77	25.87
28 31 23 00-0242	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135) .....	83.21	25.87
28 31 23 00-0243	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194) .....	83.21	25.87
28 31 23 00-0244	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135) .....	112.25	25.87
28 31 23 00-0245	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194) .....	112.25	25.87
28 31 23 00-0246	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	83.21	25.87
28 31 23 00-0247	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	83.21	25.87
28 31 23 00-0248			<b>Hazardous Locations Fire Alarm Station</b> (28 31 23 00-0238)		
28 31 23 00-0249	EA		Hazardous Location Fire Alarm Station (EST3 XAL53) .....	667.34	43.12
28 31 23 00-0250	EA		Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE) .....	635.76	43.12
28 31 23 00-0251			<b>Hazardous Location Strobes</b> (28 31 23 00-0238)		
28 31 23 00-0252	EA		Explosion Proof Strobe (EST3 116DEXSTC-FJ) .....	983.38	25.87
28 31 23 00-0253	EA		Wall Bracket Mounting Elbow (EST3 116EX-B).....	184.38	8.62
28 31 23 00-0254	EA		Ceiling / Wall Mounting Module (EST3 116EX-C).....	241.01	10.35
28 31 23 00-0255	EA		Pendant Mounting Module (EST3 116EX-P) .....	177.47	10.35
28 31 23 00-0256			<b>Hazardous Location Bells</b> (28 31 23 00-0238)		
28 31 23 00-0257	EA		6" Hazardous Location Bells, 24 VDC (EST3 439DEX-6AW) .....	711.23	25.87
28 31 23 00-0258	EA		8" Hazardous Location Bells, 24 VDC (EST3 439DEX-8AW) .....	729.50	25.87
28 31 23 00-0259	EA		10" Hazardous Location Bells, 24 VDC (EST3 439DEX-10AW).....	736.08	25.87
28 31 23 00-0260			<b>Hazardous Location Horns</b> (28 31 23 00-0238)		
28 31 23 00-0261	EA		Hazardous Location Horns (EST3 888D-N5).....	695.47	25.87
28 31 23 00-0262	EA		Explosion Proof Horn, Diode Polarized, 24 VDC (EST3 889D-AW).....	569.00	25.87
28 31 23 00-0263			<b>Door Holders And Relays</b> (28 31 23 00-0002)		
28 31 23 00-0264			<b>Electromagnetic Door Holders</b> (28 31 23 00-0263)		
28 31 23 00-0265	EA		Door Holder, Single, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1501-AQN5) .....	129.09	25.87
28 31 23 00-0266	EA		Door Holder, Double, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1502-AQN5).....	165.77	25.87
28 31 23 00-0267	EA		Door Holder, Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1504-AQN5).....	110.36	25.87
28 31 23 00-0268	EA		Door Holder, Flush, Wall Mount, Short Catch Plate - 24 VAC / 24 VDC / 120 VAC (EST3 1505-AQN5).....	110.36	25.87
28 31 23 00-0269	EA		Door Holder, Surface, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1508-AQN5) .....	112.05	25.87
28 31 23 00-0270	EA		Door Holder, Completely Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1509-AQN5).....	113.67	25.87
28 31 23 00-0271			<b>Control Relays, Multi-Voltage</b> (28 31 23 00-0263)		
28 31 23 00-0272	EA		Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1).....	26.09	5.17
28 31 23 00-0273			<b>FireShield Plus</b> (28 31 23 00-0002)		
28 31 23 00-0274			<b>3 Zone System</b> (28 31 23 00-0273)		
28 31 23 00-0275	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R) .....	713.61	206.99
28 31 23 00-0276	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD) .....	1,034.31	275.98
28 31 23 00-0277	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G).....	713.61	206.99
28 31 23 00-0278	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD) .....	1,034.31	275.98
28 31 23 00-0279	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	48.86	8.62
28 31 23 00-0280	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	48.86	8.62
28 31 23 00-0281			<b>5 Zone System</b> (28 31 23 00-0273)		
28 31 23 00-0282	EA		Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R).....	764.77	206.99



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0283 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD) .....	1,082.54	275.98
28 31 23 00-0284 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G).....	764.77	206.99
28 31 23 00-0285 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD) .....	1,082.54	275.98
28 31 23 00-0286 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	48.86	8.62
28 31 23 00-0287 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	48.86	8.62
<b>28 31 23 00-0288 10 Zone System</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0289 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R).....	1,100.08	275.98
28 31 23 00-0290 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD) .....	1,420.77	344.98
28 31 23 00-0291 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G).....	1,078.15	275.98
28 31 23 00-0292 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD).....	1,420.77	344.98
28 31 23 00-0293 EA Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G) .....	56.77	8.62
28 31 23 00-0294 EA NAC Power Expansion Transformer, 120 VAC, Increases 10 Zone FACP NAC (EST3 F-XTR120) .....	104.10	17.25
<b>28 31 23 00-0295 FireShield Plus Off Premise Communication Options</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0296 EA F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	224.51	17.25
<b>28 31 23 00-0297 FireShield Plus Remote LED Annunciators</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0298 EA Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI) .....	99.17	25.87
28 31 23 00-0299 EA Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A).....	99.17	25.87
28 31 23 00-0300 EA Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA).....	102.90	25.87
28 31 23 00-0301 EA Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2) .....	19.86	5.17
28 31 23 00-0302 EA Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3) .....	24.63	5.17
28 31 23 00-0303 EA Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4) .....	36.09	5.17
<b>28 31 23 00-0304 FireShield Plus Remote 10 Zone LED Annunciators</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0305 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10).....	300.22	25.87
28 31 23 00-0306 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C).....	329.45	25.87
28 31 23 00-0307 EA Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1).....	107.58	17.25
<b>28 31 23 00-0308 FireShield Plus Remote Relays And Interfaces</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0309 EA Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	113.54	17.25
28 31 23 00-0310 EA 11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	47.63	10.35
28 31 23 00-0311 EA Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	179.20	17.25
<b>28 31 23 00-0312 FireShield Plus Accessories</b> <small>(28 31 23 00-0273)</small>		
28 31 23 00-0313 EA Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1).....	10.76	
28 31 23 00-0314 EA 4.7k UL End Of Line Resistor With FireShield Panels (EST3 EOL47PK7).....	6.76	
<b>28 31 23 00-0315 iO Series Fire Control Panels</b> <small>(28 31 23 00-0002)</small>		
<b>28 31 23 00-0316 Intelligent Analog Control Panels</b> <small>(28 31 23 00-0315)</small>		
28 31 23 00-0317 EA FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G) .....	2,151.65	344.98
28 31 23 00-0318 EA FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18 a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD) .....	2,293.43	344.98
28 31 23 00-0319 EA FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10 a/h Batteries, English (EST3 iO64G).....	1,717.81	275.98
28 31 23 00-0320 EA FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD).....	1,783.59	275.98
<b>28 31 23 00-0321 Option Modules And Accessories For iO Series</b> <small>(28 31 23 00-0315)</small>		

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0322 EA 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1).....	197.90	25.87
28 31 23 00-0323 EA 16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2).....	124.82	25.87
28 31 23 00-0324 EA Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232).....	124.82	25.87
28 31 23 00-0325 EA Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA).....	107.58	17.25
28 31 23 00-0326 EA Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT).....	217.61	13.79
28 31 23 00-0327 EA Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH).....	393.01	13.79
28 31 23 00-0328 EA Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1).....	47.94	8.62
28 31 23 00-0329 EA Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2).....	55.25	8.62
28 31 23 00-0330 EA Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250).....	726.72	34.50
<b>28 31 23 00-0331 Remote Annunciators For iO Series (28 31 23 00-0315)</b>		
28 31 23 00-0332 EA Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	398.87	25.87
28 31 23 00-0333 EA Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C).....	417.15	25.87
<b>28 31 23 00-0334 Remote Annunciator Accessories (28 31 23 00-0315)</b>		
28 31 23 00-0335 EA 24 Expander Cable Assembly, With Cable And Hardware (EST3 730073).....	46.48	8.62
28 31 23 00-0336 EA 12 Expander Cable (Cable Only) (EST3 7120313-01).....	31.87	8.62
28 31 23 00-0337 EA 24 Expander Cable (Cable Only) (EST3 7120313-02).....	42.82	8.62
28 31 23 00-0338 EA Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1).....	124.82	25.87
28 31 23 00-0339 EA Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2).....	143.09	25.87
28 31 23 00-0340 EA Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3).....	161.36	25.87
28 31 23 00-0341 EA Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC).....	31.87	8.62
28 31 23 00-0342 EA Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC).....	31.87	8.62
28 31 23 00-0343 EA Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY).....	63.80	8.62
<b>28 31 23 00-0344 System Accessories (28 31 23 00-0315)</b>		
28 31 23 00-0345 EA Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 VDC, 24 Amp Batteries (EST3 BC-1).....	226.99	34.50
28 31 23 00-0346 EA Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A).....	1,050.68	275.98
<b>28 31 23 00-0347 Conventional Initiating Devices (28 31 23 00-0002)</b>		
<b>28 31 23 00-0348 Detectors, Heat, Double Pole (28 31 23 00-0347)</b>		
Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 31 23 00-0349 EA Heat Detector, 135 Degree F Fixed Temperature (CF135-2).....	91.12	25.87
28 31 23 00-0350 EA Heat Detector, 200 Degree F Fixed Temperature (CF200-2).....	91.12	25.87
28 31 23 00-0351 EA Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2).....	91.12	25.87
28 31 23 00-0352 EA Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2).....	91.12	25.87
<b>28 31 23 00-0353 Detectors, Rate Compensation Heat, Accessories (28 31 23 00-0347)</b>		
28 31 23 00-0354 EA Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P).....	57.26	25.87
28 31 23 00-0355 EA Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11).....	147.07	13.79
28 31 23 00-0356 EA 4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27).....	48.74	17.25
<b>28 31 23 00-0357 Detectors, Heat, Fire-Lite (28 31 23 00-0347)</b>		
Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 31 23 00-0358 EA Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135).....	85.53	25.87
28 31 23 00-0359 EA Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194).....	85.53	25.87
<b>28 31 23 00-0360 Audio Notification Systems (Standalone Voice Evacuation) (28 31 23 00-0002)</b>		
<b>28 31 23 00-0361 Audio Notification Panels (28 31 23 00-0360)</b>		
28 31 23 00-0362 EA Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG).....	2,860.47	344.98
28 31 23 00-0363 EA Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR).....	2,860.47	344.98
28 31 23 00-0364 EA Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG).....	2,151.58	344.98
28 31 23 00-0365 EA Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR).....	2,151.58	344.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0366 EA Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG) .....	2,502.38	344.98
28 31 23 00-0367 EA Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR) .....	2,502.38	344.98
<b>28 31 23 00-0368 Audio Notification Expander Panels</b> (28 31 23 00-0360)		
28 31 23 00-0369 EA Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG) .....	2,210.05	344.98
28 31 23 00-0370 EA Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR) .....	2,210.05	344.98
28 31 23 00-0371 EA Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG) .....	1,523.09	344.98
28 31 23 00-0372 EA Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR) .....	1,523.09	344.98
28 31 23 00-0373 EA Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG) .....	1,925.03	344.98
28 31 23 00-0374 EA Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR) .....	1,925.03	344.98
<b>28 31 23 00-0375 Audio Notification Output Accessories</b> (28 31 23 00-0360)		
28 31 23 00-0376 EA Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B) .....	83.02	8.62
28 31 23 00-0377 EA Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A) .....	363.37	17.25
28 31 23 00-0378 EA Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B) .....	363.37	17.25
28 31 23 00-0379 EA Class A Converter (GE ANSZSC4A) .....	261.05	17.25
<b>28 31 23 00-0380 Audio Notification Remote Microphone</b> (28 31 23 00-0360)		
28 31 23 00-0381 EA Microphone (GE ANSMIKE) .....	100.27	17.25
28 31 23 00-0382 EA Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG) .....	399.91	17.25
28 31 23 00-0383 EA Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR) .....	399.91	17.25
28 31 23 00-0384 EA Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP) .....	90.33	8.62
28 31 23 00-0385 EA Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR) .....	50.13	8.62
<b>28 31 23 00-0386 Audio Notification Accessories</b> (28 31 23 00-0360)		
28 31 23 00-0387 EA Audio Matching - Line Input/Output Card (GE ANSAUX) .....	166.05	17.25
28 31 23 00-0388 EA Class B Backup Amplifier Switching Module (GE ANSBKUP) .....	166.05	17.25
28 31 23 00-0389 EA Class A Backup Amplifier Switching Module (GE ANSBKUPA) .....	166.05	17.25
28 31 23 00-0390 EA Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANRSI8) .....	363.37	17.25
<b>28 31 23 00-0391 Audio Notification Modules, Without Cabinet And Transformer</b> (28 31 23 00-0360)		
28 31 23 00-0392 EA 100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) .....	1,318.68	34.50
Note: Excludes cabinet.		
28 31 23 00-0393 EA 100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) .....	1,384.45	34.50
Note: Excludes cabinet.		
28 31 23 00-0394 EA 100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) .....	1,910.64	34.50
Note: Excludes cabinet.		
28 31 23 00-0395 EA 25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) .....	726.72	34.50
Note: Excludes cabinet.		
28 31 23 00-0396 EA 25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) .....	726.72	34.50
Note: Excludes cabinet.		
28 31 23 00-0397 EA 25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD) .....	1,318.68	34.50
28 31 23 00-0398 EA 50W Expander Module (No Microphone Or DMR) (GE ANS50A) .....	1,055.59	34.50
Note: Excludes cabinet.		
28 31 23 00-0399 EA 50W Expander Module With Microphone (No DMR) (GE ANS50AM) .....	1,121.36	34.50
Note: Excludes cabinet.		
28 31 23 00-0400 EA 50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) .....	1,647.55	34.50
Note: Excludes cabinet.		
28 31 23 00-0401 EA Power Transformer, Open Frame, 28 VAC @ 180 VA (EVAX 50/100) (GE ANST28180) .....	83.02	8.62
28 31 23 00-0402 EA Power Transformer, Open Frame, 28 VAC @ 100 VA (EVAX 25) (GE ANST2885) .....	61.86	8.62
<b>28 31 23 00-0403 Simplex Fire Alarm</b> (28 31 23)		
<b>28 31 23 00-0404 4100 Fire Alarm Control Panel</b> (28 31 23 00-0403)		
28 31 23 00-0405 EA 4100U Master Controller Assembly With LCD And Operator Interface, 9 Amp System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 VAC Input (Simplex 4100-9111) .....	3,593.40	344.30

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0406 EA 4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amp System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 VAC Input (Simplex 4100-9141) .....	3,910.87	344.30
28 31 23 00-0407 EA 4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142) .....	5,573.62	344.30
28 31 23 00-0408 EA IDNet Module, Up To 127 Points (Simplex 4100-3104) .....	2,345.80	344.30
Note: Add-on module.		
28 31 23 00-0409 EA IDNet Module, Up To 64 Points (Simplex 4100-3105) .....	1,861.64	344.30
Note: Add-on module.		
28 31 23 00-0410 EA Expansion Power Supply, 3 NACs, 120 VAC (Simplex 4100-5101) .....	1,122.27	86.07
Note: Add-on module.		
28 31 23 00-0411 EA Alarm Relay, 3 Form C Relays, 2 Amp @ 32 VDC, For SPS Or RPS (Simplex 4100-6033) .....	234.63	17.22
Note: Add-on module.		
28 31 23 00-0412 EA Dual Port RS-232 Interface Card (Simplex 4100-6038) .....	667.85	17.22
Note: Add-on module.		
<b>28 31 23 00-0413 4100U Backbox (28 31 23 00-0403)</b>		
28 31 23 00-0414 EA 2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) .....	1,164.96	68.86
Note: 24" x 40" beige backbox.		
28 31 23 00-0415 EA 3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) .....	1,635.99	68.86
Note: 24" x 56" beige backbox.		
<b>28 31 23 00-0416 DACT (Digital Alarm Communicator Transmitter) (28 31 23 00-0403)</b>		
28 31 23 00-0417 EA 6 Zone Fire Control Communicator (Silent Knight SK-5104) .....	637.30	34.43
<b>28 31 23 00-0418 4010 Fire Alarm Control Panel (28 31 23 00-0403)</b>		
28 31 23 00-0419 EA 120 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101) .....	3,398.77	344.30
28 31 23 00-0420 EA 240 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201) .....	3,430.86	344.30
28 31 23 00-0421 EA Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806) .....	127.95	17.22
28 31 23 00-0422 EA Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811) .....	553.35	17.22
28 31 23 00-0423 EA Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812) .....	760.56	17.22
28 31 23 00-0424 EA 120 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9813) .....	391.08	17.22
28 31 23 00-0425 EA 240 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9823) .....	423.16	17.22
28 31 23 00-0426 EA Battery Meter Module Expansion Module (Simplex 4010-9820) .....	159.12	17.22
<b>28 31 23 00-0427 Printer (28 31 23 00-0403)</b>		
28 31 23 00-0428 EA 24 Pin Dot Matrix Printer (Simplex 4190-9013) .....	1,150.00	17.22
<b>28 31 23 00-0429 NAC Panel / Power Booster (28 31 23 00-0403)</b>		
28 31 23 00-0430 EA IDNet NAC Extender With 4, Class B (Style Y) NACs and 8 Amp Power Supply, 120 VAC (Simplex 4009-9201) .....	755.46	86.07
Note: Power supply for horns and strobes.		
<b>28 31 23 00-0431 Battery (28 31 23 00-0403)</b>		
28 31 23 00-0432 EA 50 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9296) .....	466.66	17.22
Note: Two required for 24 volt DC.		
28 31 23 00-0433 EA 33 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9276) .....	310.90	17.22
Note: Two required for 24 volt DC.		
28 31 23 00-0434 EA 6.2 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9272) .....	113.61	17.22
Note: Two required for 24 volt DC.		
<b>28 31 23 00-0435 Interface Modules (28 31 23 00-0403)</b>		
28 31 23 00-0436 EA Supervised Individual Addressable Modules (Simplex 4090-9001) .....	92.20	17.22
Note: Monitor modules for waterflow/tamper, etc.		
28 31 23 00-0437 EA Relay Individual Addressable Modules (Simplex 4090-9002) .....	188.35	17.22
Note: Control modules for gas shutdown, door holders, etc.		
28 31 23 00-0438 EA Relay SPDT With LED MR-801/T (Simplex 2088-9032) .....	46.91	17.22
Note: Interface relay for 120VAC		
28 31 23 00-0439 EA SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815) .....	93.26	17.22
28 31 23 00-0440 EA Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817) .....	41.64	8.60
28 31 23 00-0441 EA Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818) .....	39.61	8.60
<b>28 31 23 00-0442 Pull Stations (28 31 23 00-0403)</b>		
28 31 23 00-0443 EA Addressable Single Action Manual Pull Station (Simplex 4099-9001) .....	112.83	17.22
28 31 23 00-0444 EA N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101) .....	81.26	17.22
28 31 23 00-0445 EA N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102) .....	87.36	17.22
28 31 23 00-0446 EA Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103) .....	78.51	17.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0447 EA N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104) .....	91.43	17.22
28 31 23 00-0448 EA N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105) .....	137.89	17.22
28 31 23 00-0449 EA Pre-Signal, N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107) .....	115.86	17.22
28 31 23 00-0450 EA Pre-Signal, N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108) .....	136.22	17.22
28 31 23 00-0451 EA Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754) .....	64.29	17.22
28 31 23 00-0452 EA Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755) .....	68.02	17.22
28 31 23 00-0453 EA Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756) .....	80.01	17.22
28 31 23 00-0454 EA N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758) .....	123.62	17.22
28 31 23 00-0455 EA Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759) .....	212.80	17.22
28 31 23 00-0456 EA Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762) .....	71.08	17.22
28 31 23 00-0457 EA Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178) .....	43.69	8.60
<b>28 31 23 00-0458 Weatherproof Pull Stations</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0459 EA Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138) .....	110.54	20.66
28 31 23 00-0460 EA Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211) .....	70.74	8.60
<b>28 31 23 00-0461 Heat / Smoke Sensor</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0462 EA 32 To 122 Degree F Heat Sensor (Simplex 4098-9733) .....	111.61	25.82
28 31 23 00-0463 EA Photoelectric Smoke Sensor (Simplex 4098-9714) .....	161.58	25.82
28 31 23 00-0464 EA Sensor Base With Relay Driver (Simplex 4098-9791) .....	311.35	8.60
28 31 23 00-0465 EA Standard Sensor Base (Simplex 4098-9792) .....	158.59	8.60
28 31 23 00-0466 EA Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) .....	92.58	17.22
Note: Relay for 4098-9791		
<b>28 31 23 00-0467 Explosion Proof Heat Detector</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0468 EA 135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488) .....	118.00	25.82
28 31 23 00-0469 EA Explosion Proof Backbox (Killark JLX-21) .....	76.27	8.60
28 31 23 00-0470 EA Explosion Proof Backbox Plugs (Killark CUP-2) .....	7.05	1.72
<b>28 31 23 00-0471 Weatherproof Heat Detector</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0472 EA 194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490) .....	85.89	25.82
<b>28 31 23 00-0473 200 Degree F Heat Detector</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0474 EA 194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) .....	71.54	25.82
Note: Used in kiln rooms and kitchens.		
<b>28 31 23 00-0475 Duct Smoke Sensor</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0476 EA Duct Sensor Housing (Simplex 4098-9755) .....	252.32	13.77
28 31 23 00-0477 EA Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) .....	341.37	30.98
Note: Relay output for AHU shutdown.		
28 31 23 00-0478 EA 46" To 71" Duct Sampling Tube (Simplex 2098-9798) .....	38.45	8.60
Note: 25", 49", 73" or 97" sampling tube length.		
28 31 23 00-0479 EA Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806) .....	91.95	25.82
<b>28 31 23 00-0480 Interior Horn</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0481 EA Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850) .....	85.27	25.82
28 31 23 00-0482 EA White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853) .....	85.27	25.82
<b>28 31 23 00-0483 Interior Horn Strobe</b> <small>(28 31 23 00-0403)</small>		
28 31 23 00-0484 EA Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426) .....	117.02	25.82
28 31 23 00-0485 EA Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427) .....	117.02	25.82
28 31 23 00-0486 EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127) .....	109.78	25.82
28 31 23 00-0487 EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128) .....	109.78	25.82
28 31 23 00-0488 EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129) .....	109.78	25.82
28 31 23 00-0489 EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130) .....	109.78	25.82
28 31 23 00-0490 EA Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131) .....	112.21	25.82
28 31 23 00-0491 EA Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132) .....	112.21	25.82
28 31 23 00-0492 EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139) .....	116.48	25.82
28 31 23 00-0493 EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140) .....	114.51	25.82

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0494	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141).....	116.48	25.82
28 31 23 00-0495	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142).....	114.51	25.82
28 31 23 00-0496	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227).....	109.78	25.82
28 31 23 00-0497	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228).....	109.78	25.82
28 31 23 00-0498	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229).....	109.78	25.82
28 31 23 00-0499	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230).....	109.78	25.82
<b>28 31 23 00-0500</b>			<b>Interior Strobe (28 31 23 00-0403)</b>		
28 31 23 00-0501	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101).....	94.39	25.82
28 31 23 00-0502	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102).....	94.39	25.82
28 31 23 00-0503	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103).....	94.36	25.82
28 31 23 00-0504	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104).....	94.39	25.82
28 31 23 00-0505	EA		Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105).....	103.59	25.82
28 31 23 00-0506	EA		Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106).....	103.59	25.82
28 31 23 00-0507	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109).....	104.18	25.82
28 31 23 00-0508	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110).....	105.79	25.82
28 31 23 00-0509	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111).....	105.79	25.82
28 31 23 00-0510	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112).....	105.79	25.82
28 31 23 00-0511	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201).....	94.39	25.82
28 31 23 00-0512	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202).....	94.39	25.82
28 31 23 00-0513	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203).....	94.39	25.82
28 31 23 00-0514	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204).....	94.39	25.82
<b>28 31 23 00-0515</b>			<b>Interior Speakers (28 31 23 00-0403)</b>		
28 31 23 00-0516	EA		Red With White "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716).....	77.48	25.82
28 31 23 00-0517	EA		White With Red "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717).....	77.48	25.82
28 31 23 00-0518	EA		Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721).....	77.48	25.82
<b>28 31 23 00-0519</b>			<b>Interior Speaker Strobe (28 31 23 00-0403)</b>		
28 31 23 00-0520	EA		Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151).....	124.20	25.82
28 31 23 00-0521	EA		White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153).....	124.20	25.82
<b>28 31 23 00-0522</b>			<b>Surge Suppressors (28 31 23 00-0403)</b>		
28 31 23 00-0523	EA		Overvoltage Suppressor (Simplex 2081-9044).....	78.86	5.16
28 31 23 00-0524	EA		Isolated Loop Circuit Protector (Simplex 2081-9028).....	50.66	5.16
28 31 23 00-0525	EA		120 VAC, 20 Amp Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A).....	168.19	5.16
28 31 23 00-0526	EA		24 VAC Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B).....	57.93	5.16
28 31 23 00-0527	EA		Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB).....	87.38	8.60
28 31 23 00-0528	EA		120 VAC, 22,500 Amp, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW).....	62.64	5.16
28 31 23 00-0529	EA		<105 VAC, 9,000 Amp, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP).....	47.14	5.16
<b>28 31 23 00-0530</b>			<b>Boxes And Adapters (28 31 23 00-0403)</b>		
28 31 23 00-0531	EA		Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921).....	39.61	8.60
28 31 23 00-0532	EA		Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925).....	37.58	8.60
28 31 23 00-0533	EA		Red, Surface Mount Adapter Skirt (Simplex 4905-9937).....	33.58	8.60
28 31 23 00-0534	EA		White, Surface Mount Adapter Skirt (Simplex 4905-9940).....	27.92	8.60
<b>28 31 23 00-0535</b>			<b>Accessories (28 31 23 00-0403)</b>		
28 31 23 00-0536	EA		End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008).....	19.59	8.60
<b>28 31 23 00-0537</b>			<b>Siemens Fire Alarm (28 31 23)</b>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 31 23 00-0538</b> Conventional Control Panels <small>(28 31 23 00-0537)</small>		
<b>28 31 23 00-0539</b> SXL Batteries And Power Supplies <small>(28 31 23 00-0538)</small>		
28 31 23 00-0540 EA 6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3) .....	665.20	34.43
28 31 23 00-0541 EA Main Board Only For PAD-3 (Siemens PAD-3-MB) .....	536.58	34.43
<b>28 31 23 00-0542</b> Digital Fire Communicators <small>(28 31 23 00-0538)</small>		
28 31 23 00-0543 EA Four Channel Digital Slave Fire Communicator (Siemens 5129) .....	519.63	34.43
<b>28 31 23 00-0544</b> Addressable Control Panels <small>(28 31 23 00-0537)</small>		
<b>28 31 23 00-0545</b> Fireseeker Equipment <small>(28 31 23 00-0544)</small>		
<b>28 31 23 00-0546</b> FS-250 System Panels <small>(28 31 23 00-0545)</small>		
28 31 23 00-0547 EA FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) .....	1,633.37	344.30
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.		
28 31 23 00-0548 EA FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) .....	2,026.26	344.30
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 31 23 00-0549 EA FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) .....	1,217.37	275.43
Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 31 23 00-0550 EA Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON) .....	1,635.71	344.30
<b>28 31 23 00-0551</b> FS-250 Optional Modules <small>(28 31 23 00-0545)</small>		
28 31 23 00-0552 EA Main Board Module (Siemens FS-MB2) .....	669.88	34.43
28 31 23 00-0553 EA Display Board Module (Siemens FS-DB2) .....	520.86	17.22
28 31 23 00-0554 EA Device Loop Card (Siemens FS-DLC) .....	427.31	17.22
28 31 23 00-0555 EA Releasing Module (Siemens FS-REL) .....	191.12	17.22
28 31 23 00-0556 EA Remote LCD Annunciator (Siemens FS-RD2) .....	424.39	17.22
28 31 23 00-0557 EA Relay Processor Card (Siemens FS-RU2) .....	368.85	17.22
28 31 23 00-0558 EA Relay Expander Board (Siemens FS-RE8) .....	315.06	17.22
28 31 23 00-0559 EA Serial Annunciator Processor Card (Siemens FS-SAU2) .....	424.39	17.22
28 31 23 00-0560 EA 16 Output Annunciator Extender (Siemens FS-SAE16) .....	331.43	17.22
28 31 23 00-0561 EA Digital Alarm Communication Transmitter (Siemens FS-DACT) .....	301.62	17.22
28 31 23 00-0562 EA Municipal Tie Module (Siemens FS-MT) .....	256.60	17.22
28 31 23 00-0563 EA Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2) .....	236.65	
28 31 23 00-0564 EA Programming Cable Kit (Siemens CBL-UD) .....	62.24	8.60
28 31 23 00-0565 EA Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE) .....	112.19	17.22
28 31 23 00-0566 EA Releasing Power Transformer (Siemens FS-RPT-A) .....	113.94	17.22
28 31 23 00-0567 EA Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB) .....	128.10	13.77
28 31 23 00-0568 EA Cabinet Trim Kit (Siemens RD-CAB-TK) .....	206.65	8.60
<b>28 31 23 00-0569</b> Firefinder Systems <small>(28 31 23 00-0544)</small>		
<b>28 31 23 00-0570</b> XLS Basic Fire System Packages Without Backbox <small>(28 31 23 00-0569)</small>		
28 31 23 00-0571 EA 500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) .....	5,676.10	344.30
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 31 23 00-0572 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) .....	5,008.43	344.30
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 31 23 00-0573 EA 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) .....	5,008.43	344.30
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 31 23 00-0574 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) .....	8,326.90	344.30
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.		
28 31 23 00-0575 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) .....	8,604.03	344.30
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.		
28 31 23 00-0576 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) .....	4,941.20	344.30
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0577	EA		250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) ..... Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	4,941.20	344.30
28 31 23 00-0578	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) ..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,722.29	344.30
<b>28 31 23 00-0579</b>			<b>Firefinder - XLS Basic System Equipment (28 31 23 00-0569)</b>		
28 31 23 00-0580	EA		Person Machine Interface With Central Processor (Siemens PMI) ..... Note: Includes inner door.	2,637.22	344.30
28 31 23 00-0581	EA		Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) ..... Note: Includes inner door.	4,362.52	344.30
28 31 23 00-0582	EA		Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) ..... Note: Includes inner door.	2,637.22	344.30
28 31 23 00-0583	EA		Two Slot Card Cage (Siemens CC-2) .....	324.42	17.22
28 31 23 00-0584	EA		Five Slot Card Cage (Siemens CC-5) .....	547.17	17.22
28 31 23 00-0585	EA		Four Circuit Zone Indicating Card (Siemens ZIC-4A) .....	781.03	17.22
28 31 23 00-0586	EA		Eight Circuit Zone Indicating Card (Siemens ZIC-8B) .....	815.52	17.22
28 31 23 00-0587	EA		Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C) .....	258.94	17.22
28 31 23 00-0588	EA		Device Loop Card (Siemens DLC) ..... Note: Interfaces with up to 252 detectors and devices.	925.44	17.22
28 31 23 00-0589	EA		Controllable Relay Card (Siemens CRC-6) ..... Note: Provides six programmable relays.	524.95	17.22
28 31 23 00-0590	EA		12 Amp Power Supply Charger Module (Siemens PSC-12) .....	1,983.07	17.22
28 31 23 00-0591	EA		Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) ..... Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	3,417.14	344.30
28 31 23 00-0592	EA		Network Interface Card (Siemens NIC-C) ..... Note: Provides HNET Or XNET communication between enclosures.	613.82	17.22
28 31 23 00-0593	EA		12 Amp Power Supply Extender (Siemens PSX-12) ..... Note: Extends PSC-12 with an additional 24 volt DC.	1,649.82	17.22
28 31 23 00-0594	EA		Power Termination Board (Siemens PTB) ..... Note: Used with systems requiring more than one PSX-12.	279.98	17.22
28 31 23 00-0595	EA		Conventional Detector Card (Siemens CDC-4) .....	591.60	17.22
28 31 23 00-0596	EA		Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS) .....	1,156.96	17.22
28 31 23 00-0597	EA		Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS) .....	4,155.04	17.22
<b>28 31 23 00-0598</b>			<b>Remote Lobby Enclosure (28 31 23 00-0569)</b>		
28 31 23 00-0599	EA		14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) ..... Note: Flush mounted. Includes clear lens plate on cover.	773.23	68.86
28 31 23 00-0600	EA		24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) ..... Note: Flush mounted. Includes clear lens plate on cover.	995.40	68.86
28 31 23 00-0601	EA		Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) ..... Note: Required to mount up to four SIM-16 or OCM-16 modules.	123.88	17.22
28 31 23 00-0602	EA		Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) ..... Note: Required to mount up to eight SIM-16 or OCM-16 modules.	134.99	17.22
<b>28 31 23 00-0603</b>			<b>Battery Enclosures (28 31 23 00-0569)</b>		
28 31 23 00-0604	EA		Enclosure For 100 Amp Hours Batteries (Siemens CAB-BATT) .....	483.25	68.86
<b>28 31 23 00-0605</b>			<b>Graphic Annunciator Output Drivers And Inputs (28 31 23 00-0569)</b>		
28 31 23 00-0606	EA		Output Control Module (Siemens OCM-16) .....	379.96	17.22
28 31 23 00-0607	EA		Supervised Input Module (Siemens SIM-16) .....	379.96	17.22
<b>28 31 23 00-0608</b>			<b>Remote LCD Displays (28 31 23 00-0569)</b>		
28 31 23 00-0609	EA		Remote LED/LCD System Status Display (Siemens SSD) ..... Note: No control or menu capability.	882.63	51.64
28 31 23 00-0610	EA		Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C) .....	994.30	51.64
<b>28 31 23 00-0611</b>			<b>Voice Equipment (28 31 23 00-0569)</b>		
28 31 23 00-0612	EA		40W Zone Amplifier Card (Siemens ZAC-40) .....	871.65	17.22
28 31 23 00-0613	EA		180W Zone Amplifier Module (Siemens ZAM-180) .....	1,928.11	17.22
28 31 23 00-0614	EA		Live Voice Module (Siemens LVM) ..... Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	813.77	17.22
<b>28 31 23 00-0615</b>			<b>MXL Series Equipment (28 31 23 00-0544)</b>		
<b>28 31 23 00-0616</b>			<b>MXL Optional Equipment (28 31 23 00-0615)</b>		
28 31 23 00-0617	EA		Two Circuit Analog Loop Driver (Siemens ALD-2I) .....	941.16	34.43
28 31 23 00-0618	EA		CXL/MXL Interface Module (Siemens CMI-300) .....	2,418.80	17.22
28 31 23 00-0619	EA		Four Relay Programmable Relay Module (Siemens CRM-4) .....	417.96	17.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0620 EA Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	503.90	17.22
28 31 23 00-0621 EA Remote Conventional Zone Module (Siemens CZM-1B6).....	191.70	17.22
28 31 23 00-0622 EA Short Circuit Line Isolator Module (Siemens Model LIM-1).....	119.79	17.22
28 31 23 00-0623 EA Four Circuit Conventional Zone Module (Siemens CZM-4).....	490.46	17.22
28 31 23 00-0624 EA 12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD).....	180.26	25.82
28 31 23 00-0625 EA Lexan Window For RCC (Siemens GENBOX-WD).....	121.67	13.77
28 31 23 00-0626 EA Input Driver Module (Siemens MID-16).....	322.66	17.22
28 31 23 00-0627 EA Programmable Output Driver Module (Siemens MOD-16).....	322.66	17.22
28 31 23 00-0628 EA MXL Output/Input Module (Siemens MOI-7).....	514.43	17.22
28 31 23 00-0629 EA Two Slot Network Option Module Card Cage (Siemens MOM-2).....	275.31	17.22
28 31 23 00-0630 EA Four Slot Network Option Module Card Cage (Siemens MOM-4).....	431.41	17.22
28 31 23 00-0631 EA 12 Amp, 220 VAC Power Supply For MXL (Siemens MPS-12/220).....	1,062.70	51.64
28 31 23 00-0632 EA 12 Amp, 240 VAC Power Supply For MXL (Siemens MPS-12/240).....	1,062.70	51.64
28 31 23 00-0633 EA Network Interface Module (Siemens NIM-1W).....	765.83	17.22
28 31 23 00-0634 EA U.L. Listed Parallel Printer (Siemens PAL-1).....	2,008.60	68.86
28 31 23 00-0635 EA Peripheral Interface Module, Model PIM-1 (Siemens 500-691324).....	226.78	17.22
28 31 23 00-0636 EA Surface Mounted Remote Command Center (Siemens RCC-1).....	2,246.67	344.30
28 31 23 00-0637 EA Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	275.24	34.43
28 31 23 00-0638 EA Flush Mounted Remote Command Center (Siemens RCC-1F).....	2,246.67	344.30
28 31 23 00-0639 EA Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	282.26	34.43
28 31 23 00-0640 EA Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	1,740.95	344.30
28 31 23 00-0641 EA MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	2,576.41	344.30
28 31 23 00-0642 EA RCC-2/RSE-1 Trim Ring (Siemens RCF-1).....	43.53	8.60
28 31 23 00-0643 EA Remote Diagnostics Module For MXL (Siemens RDM-MXL).....	3,109.04	34.43
28 31 23 00-0644 EA Remote Diagnostics Module For PC (Siemens RDM-PC).....	6,615.19	34.43
28 31 23 00-0645 EA Releasing End Of Line Module (Siemens REL-EOL).....	98.16	17.22
28 31 23 00-0646 EA 36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC).....	1,984.76	34.43
28 31 23 00-0647 EA 36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	1,895.31	34.43
28 31 23 00-0648 EA 8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	1,015.28	68.86
<b>28 31 23 00-0649 Complete MXL And MXLV System Packages Without Enclosure</b> <small>(28 31 23 00-0615)</small>		
28 31 23 00-0650 EA MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-21 And One PIM-1 (Siemens MXL-SS-EP).....	7,368.66	344.30
Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-21 is a two circuit analog loop driver. PIM-1 is a peripheral interface module.		
28 31 23 00-0651 EA MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP).....	9,559.93	344.30
Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.		
28 31 23 00-0652 EA MXLV Demonstration Panel (Siemens MXLV DEMO).....	19,793.65	344.30
<b>28 31 23 00-0653 MXL Basic System</b> <small>(28 31 23 00-0615)</small>		
28 31 23 00-0654 EA MXL/MXLV Main Control Board (Siemens MMB-3).....	4,611.45	344.30
28 31 23 00-0655 EA MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL).....	5,920.49	344.30
Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.		
28 31 23 00-0656 EA MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	1,674.89	34.43
28 31 23 00-0657 EA MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	2,097.01	34.43
28 31 23 00-0658 EA 6 Amp Power Supply For MXL (Siemens MPS-6).....	734.71	51.64
28 31 23 00-0659 EA 220/240 VAC Adapter Cable (Siemens CIA-12).....	55.22	8.60
<b>28 31 23 00-0660 MXL/MXLR System Expansion Accessories</b> <small>(28 31 23 00-0615)</small>		
28 31 23 00-0661 EA MXL Remote Power Supply Module (Siemens PSR-1).....	900.17	51.64
28 31 23 00-0662 EA Style 4 Communication Module (Siemens NET-4).....	185.85	17.22
28 31 23 00-0663 EA Style 7 Communication Module (Siemens NET-7).....	336.11	17.22
28 31 23 00-0664 EA MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	202.81	17.22
<b>28 31 23 00-0665 Peripheral Devices</b> <small>(28 31 23 00-0544)</small>		
<b>28 31 23 00-0666 Thermal Detectors</b> <small>(28 31 23 00-0665)</small>		
28 31 23 00-0667 EA Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	80.29	25.82
28 31 23 00-0668 EA Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	80.29	25.82
28 31 23 00-0669 EA 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	80.29	25.82
28 31 23 00-0670 EA 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	80.29	25.82
28 31 23 00-0671 EA Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	124.14	25.82
28 31 23 00-0672 EA Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	124.14	25.82
28 31 23 00-0673 EA Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP).....	301.29	25.82
<b>28 31 23 00-0674 Beam Smoke Detector</b> <small>(28 31 23 00-0665)</small>		
28 31 23 00-0675 EA Linear Beam Smoke Detector (Siemens PBA-1191).....	1,414.92	25.82

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0676 EA Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	162.21	8.60
28 31 23 00-0677 EA 20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192) .....	163.97	8.60
28 31 23 00-0678 EA 10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193) .....	84.45	8.60
<b>28 31 23 00-0679 Bases For Detectors (28 31 23 00-0665)</b>		
28 31 23 00-0680 EA Detector Base (Siemens DB-11).....	25.99	8.60
28 31 23 00-0681 EA Universal Base (Siemens DB-3S).....	24.24	8.60
<b>28 31 23 00-0682 Manual Stations (28 31 23 00-0665)</b>		
28 31 23 00-0683 EA Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP) .....	181.04	20.66
<b>28 31 23 00-0684 Addressable Devices (28 31 23 00-0544)</b>		
<b>28 31 23 00-0685 Intelligent Detectors And Devices For Firefinder XLS And FS-250 (28 31 23 00-0684)</b>		
28 31 23 00-0686 EA Addressable Fireprint Fire Detector (Siemens HFP-11).....	152.20	25.82
28 31 23 00-0687 EA Addressable Thermal Fire Detector (Siemens HFPT-11) .....	131.74	25.82
28 31 23 00-0688 EA Relay Base For H-Series Intelligent Detectors (Siemens DB-HR) .....	107.77	25.82
28 31 23 00-0689 EA Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC) .....	73.27	25.82
28 31 23 00-0690 EA Wall Mounted Remote Alarm Indicator (Siemens RL-HW) .....	73.27	25.82
28 31 23 00-0691 EA Addressable Single Action Manual Pull Station (Siemens HMS-S) .....	157.79	17.22
28 31 23 00-0692 EA Addressable Double Action Manual Pull Station (Siemens HMS-D) .....	150.78	17.22
28 31 23 00-0693 EA Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S).....	119.79	17.22
28 31 23 00-0694 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D) .....	146.10	17.22
28 31 23 00-0695 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R) .....	146.10	17.22
28 31 23 00-0696 EA Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M).....	111.02	17.22
28 31 23 00-0697 EA Line Isolator Module (Siemens HLIM) .....	114.53	17.22
28 31 23 00-0698 EA Remote Convention Zone Module (Siemens HZM) .....	168.31	17.22
28 31 23 00-0699 EA Intelligent Control Point Module (Siemens HCP) .....	212.75	17.22
28 31 23 00-0700 EA Handheld Programming And Testing Unit (Siemens DPU).....	929.27	
28 31 23 00-0701 EA DPU Carrying Case (Siemens DPU-C1).....	143.63	
28 31 23 00-0702 EA Label Printer And Carrying Case (Siemens DPU-PRT) .....	1,591.94	17.22
<b>28 31 23 00-0703 Air Duct Housings And Detectors (28 31 23 00-0684)</b>		
28 31 23 00-0704 EA Air-Duct Housing (Siemens AD2-P).....	171.95	13.77
28 31 23 00-0705 EA Air-Duct Housing With Relay (Siemens AD2-XHR).....	194.17	13.77
28 31 23 00-0706 EA Weatherproof Enclosure For Duct Housing (Siemens WP-2000) .....	156.62	17.22
28 31 23 00-0707 EA 6" To 1" Duct Sampling Tube (Siemens ST-10) .....	22.02	5.16
28 31 23 00-0708 EA >1' To 3' Duct Sampling Tube (Siemens ST-25) .....	27.22	6.89
28 31 23 00-0709 EA >3' To 5' Duct Sampling Tube (Siemens ST-50).....	34.17	8.60
28 31 23 00-0710 EA >5' To 10' Duct Sampling Tube (Siemens ST-100).....	39.95	10.33
<b>28 31 23 00-0711 Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 31 23 00-0684)</b>		
28 31 23 00-0712 EA Addressable Fireprint Fire Detector (Siemens FP-11) .....	158.63	25.82
28 31 23 00-0713 EA Addressable Thermal Fire Detector (Siemens FPT-11).....	137.00	25.82
28 31 23 00-0714 EA Intelligent Ionization Smoke Detector (Siemens ILI-1) .....	175.00	25.82
28 31 23 00-0715 EA Addressable Single Action Manual Pull Station (Siemens MSI-10B) .....	153.70	17.22
28 31 23 00-0716 EA Addressable Double Action Manual Pull Station (Siemens MSI-20B).....	169.48	17.22
28 31 23 00-0717 EA Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S) .....	155.45	17.22
28 31 23 00-0718 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D).....	171.82	17.22
28 31 23 00-0719 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R) .....	171.82	17.22
<b>28 31 23 00-0720 Detector Universal Bases (28 31 23 00-0684)</b>		
28 31 23 00-0721 EA Detector Base With Relay (Siemens DB-X11RS) .....	72.76	8.60
28 31 23 00-0722 EA PE-11 To DB-3 Base Adapter (Siemens DB-ADPT).....	37.68	8.60
28 31 23 00-0723 EA Locking Kit (Siemens LK-11) .....	7.36	
28 31 23 00-0724 EA Detector Base With Relay (Siemens DB-X3RS) .....	72.76	8.60
28 31 23 00-0725 EA Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11).....	84.45	8.60
28 31 23 00-0726 EA Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX).....	35.93	8.60
28 31 23 00-0727 EA Flush Trim Ring For Bases (Siemens RA-ADB) .....	17.35	5.16
28 31 23 00-0728 EA Seal For DB-11 (Siemens DB11-SEAL).....	8.77	
28 31 23 00-0729 EA Gasket For DB-11 (Siemens DB-SEAL) .....	9.54	
28 31 23 00-0730 EA Detector Guard Housing (Siemens DGH-11).....	106.09	8.60
28 31 23 00-0731 EA Small Detector Base (Siemens DB-11E) .....	28.33	8.60
28 31 23 00-0732 EA Audible Base For Series 3 (Siemens ADBI-60A) .....	94.98	8.60
28 31 23 00-0733 EA Base Plug (Siemens DB-11-DP).....	7.33	
<b>28 31 23 00-0734 Air Duct Smoke Detectors (28 31 23 00-0684)</b>		
28 31 23 00-0735 EA Intelligent Remote Duct Relay Module (Siemens DA-X3SR) .....	81.79	17.22
28 31 23 00-0736 EA Weatherproof Enclosure For Duct Housing (Siemens EAD-3).....	412.70	17.22
<b>28 31 23 00-0737 Notification Devices (28 31 23 00-0544)</b>		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 31 23 00-0738</b>				<b>Synchronization Control Devices</b> <small>(28 31 23 00-0737)</small>		
			EA	Dual Synchronization Control Module (Siemens DSC).....	119.79	17.22
<b>28 31 23 00-0740</b>				<b>Stand Alone Strobes</b> <small>(28 31 23 00-0737)</small>		
			EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R).....	101.34	25.82
			EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R).....	110.10	25.82
			EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR).....	101.34	25.82
			EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR).....	110.10	25.82
			EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW).....	110.10	25.82
			EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW).....	101.34	25.82
			EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R).....	116.54	25.82
			EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP).....	111.86	25.82
			EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP).....	111.86	25.82
			EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP).....	119.46	25.82
			EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP).....	119.46	25.82
<b>28 31 23 00-0752</b>				<b>Horns And Strobes</b> <small>(28 31 23 00-0737)</small>		
			EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R).....	135.83	25.82
			EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R).....	143.43	25.82
			EA	Wall Mounted Horn (Siemens SE-R).....	80.29	25.82
			EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR).....	135.83	25.82
			EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR).....	143.43	25.82
			EA	Ceiling Mounted Horn (Siemens SEC-R).....	83.80	25.82
			EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R).....	135.83	25.82
			EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R).....	143.43	25.82
			EA	Wall Mounted Low Profile Horn (Siemens SEF-R).....	80.29	25.82
			EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW).....	135.83	25.82
			EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	143.43	25.82
			EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR).....	83.80	25.82
			EA	Mini Horn (Siemens MH-R).....	67.43	25.82
			EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R).....	84.97	25.82
			EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R).....	128.23	25.82
			EA	Industrial Tri-Tone Horn (Siemens ASR).....	358.58	25.82
			EA	Wall Mounted Horn (Siemens HS-R).....	84.97	25.82
			EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	128.81	25.82
			EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	138.17	25.82
			EA	6" Motor Bell (Siemens MBDC-6).....	96.66	25.82
			EA	10" Motor Bell (Siemens MBDC-10).....	105.43	25.82
<b>28 31 23 00-0774</b>				<b>Mounting Accessories</b> <small>(28 31 23 00-0737)</small>		
			EA	Concealed Conduit Adapter Plate (Siemens APS-R).....	24.24	8.60
			EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	24.24	8.60
			EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	24.82	8.60
			EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX).....	38.85	8.60
			EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W).....	31.25	8.60
			EA	Surface Mounted Speaker Backbox (Siemens SBBS-R).....	33.01	8.60
			EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R).....	35.34	8.60
			EA	Square Semi-Flush Extension Ring (Siemens SERS-R).....	28.33	8.60
			EA	Semi-Flush Plate (Siemens SFPS-R).....	23.65	8.60
			EA	Square Surface Backbox (Siemens SHBBS-R).....	28.33	8.60
			EA	Horn Adapter Plate (Siemens SHMPS-R).....	27.16	8.60
			EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	24.24	8.60
			EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R).....	31.25	8.60
			EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R).....	33.01	8.60
			EA	Weatherproof Speaker Backbox (Siemens WBBS-R).....	31.84	8.60
			EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B).....	35.34	8.60
			EA	Weatherproof Flush Plate (Siemens WFPAS-R).....	35.34	8.60
			EA	Weatherproof Horn Flush Plate (Siemens WFPS-R).....	35.34	8.60
			EA	Weatherproof Horn Backbox (Siemens WPBBS-R).....	33.01	8.60
			EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R).....	33.01	8.60
			EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	24.24	8.60
			EA	Z Series Backbox (Siemens ZBB-R).....	27.16	8.60
<b>28 31 23 00-0797</b>				<b>Door Holders</b> <small>(28 31 23 00-0737)</small>		
			EA	120 VAC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	202.48	25.82
			EA	24 VDC Concealed Wiring Fire Door Holder (Siemens SDH-2D).....	202.48	25.82
<b>28 31 23 00-0800</b>				<b>Voice Equipment</b> <small>(28 31 23 00-0544)</small>		
<b>28 31 23 00-0801</b>				<b>Voicecom</b> <small>(28 31 23 00-0800)</small>		
			EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM).....	3,094.41	344.30

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0803	EA		Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICCOM-L).....	4,877.60	344.30
<b>28 31 23 00-0804</b>			<b>Honeywell Fire Alarm (28 31 23)</b>		
<b>28 31 23 00-0805</b>			<b>Notifier Fire Alarm (28 31 23 00-0804)</b>		
<b>28 31 23 00-0806</b>			<b>Fire Alarm Control Panel And Accessories (28 31 23 00-0805)</b>		
28 31 23 00-0807	EA		NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D).....	3,488.37	344.30
28 31 23 00-0808	EA		NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	2,876.37	344.30
28 31 23 00-0809	EA		Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	3,481.17	344.30
28 31 23 00-0810	EA		Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C).....	3,576.37	344.30
28 31 23 00-0811	EA		Black, 240 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E).....	3,481.17	344.30
28 31 23 00-0812	EA		Red, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R).....	3,481.17	344.30
28 31 23 00-0813	EA		Two-Tone Sequential Module (Notifier 2TTM).....	186.43	17.22
28 31 23 00-0814	EA		5', Not Low Loss, Antenna Cable (Notifier 7626-5C).....	56.49	3.44
28 31 23 00-0815	EA		25', Low Loss, Antenna Cable (Notifier 7626-25HC).....	109.77	6.89
28 31 23 00-0816	EA		50', Low Loss, Antenna Cable (Notifier 7626-50HC).....	167.06	10.33
28 31 23 00-0817	EA		IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P).....	268.80	
28 31 23 00-0818	EA		RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119).....	38.40	
28 31 23 00-0819	EA		120VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS).....	3,403.57	344.30
28 31 23 00-0820	EA		240VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE).....	3,403.57	344.30
28 31 23 00-0821	EA		3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB).....	143.69	3.44
28 31 23 00-0822	EA		Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER).....	42.89	3.44
28 31 23 00-0823	EA		Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT).....	53.77	6.89
28 31 23 00-0824	EA		Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT).....	60.42	8.60
28 31 23 00-0825	EA		IP Communicator (Notifier IPDACT-2).....	479.23	17.22
28 31 23 00-0826	EA		IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD).....	559.23	17.22
28 31 23 00-0827	EA		Red, IP Communicator External Mounting Enclosure (Notifier IPENC)..... Note: Includes IPBRKT.	123.23	17.22
28 31 23 00-0828	EA		Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B)..... Note: Includes IPBRKT	123.23	17.22
28 31 23 00-0829	EA		Single Or Dual Path Commercial Fire Communicator (Notifier IPGSM-4G).....	667.64	25.82
28 31 23 00-0830	EA		Dual 8TPC To Single 8TPC "Y" Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT).....	31.37	6.89
28 31 23 00-0831	EA		Loop Control Module (Notifier LCM-320).....	1,276.06	34.43
28 31 23 00-0832	EA		Loop Expander Module (Notifier LEM-320).....	1,104.86	34.43
28 31 23 00-0833	EA		Keyboard Display Module For CPU2-640 (Notifier KDM-R2).....	968.06	34.43
28 31 23 00-0834	EA		7' DACT Phone Cord (Notifier MCBL-7).....	14.89	
28 31 23 00-0835	EA		Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1).....	118.02	8.60
28 31 23 00-0836	EA		Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R).....	135.23	17.22
28 31 23 00-0837	EA		Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B).....	135.23	17.22
28 31 23 00-0838	EA		Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2).....	534.43	17.22
28 31 23 00-0839	EA		Universal Zone Coder (Notifier UZC-256).....	722.43	17.22
28 31 23 00-0840	EA		Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI)..... Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	219.69	
28 31 23 00-0841	EA		Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD).....	470.52	
28 31 23 00-0842	EA		ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD).....	304.12	
28 31 23 00-0843	EA		Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS).....	3,400.66	10.33
<b>28 31 23 00-0844</b>			<b>ONYX Cabinets (28 31 23 00-0805)</b>		
28 31 23 00-0845	EA		Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R).....	310.82	8.60
28 31 23 00-0846	EA		Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R).....	416.42	8.60
28 31 23 00-0847	EA		Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R).....	514.02	8.60
28 31 23 00-0848	EA		Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4).....	74.26	10.33
28 31 23 00-0849	EA		Chassis Bridge (Notifier CB-1).....	65.22	8.60
28 31 23 00-0850	EA		Four Position Chassis (Notifier CHS-4).....	112.42	8.60
28 31 23 00-0851	EA		Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2).....	128.83	17.22
28 31 23 00-0852	EA		Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B).....	57.86	10.33
28 31 23 00-0853	EA		Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP).....	81.46	10.33
28 31 23 00-0854	EA		One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4).....	239.23	17.22
28 31 23 00-0855	EA		One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B).....	152.03	17.22
28 31 23 00-0856	EA		Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4).....	302.84	25.82
28 31 23 00-0857	EA		Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B).....	186.84	25.82
28 31 23 00-0858	EA		Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4).....	452.06	34.43
28 31 23 00-0859	EA		Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B).....	275.26	34.43
28 31 23 00-0860	EA		Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4).....	548.47	43.04
28 31 23 00-0861	EA		Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B).....	319.67	43.04
28 31 23 00-0862	EA		Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4).....	173.22	8.60
28 31 23 00-0863	EA		Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B).....	114.82	8.60
28 31 23 00-0864	EA		Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR).....	107.62	8.60
28 31 23 00-0865	EA		Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R).....	174.02	8.60
28 31 23 00-0866	EA		Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR).....	134.82	8.60
28 31 23 00-0867	EA		Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R).....	222.02	8.60
28 31 23 00-0868	EA		Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR).....	152.42	8.60
28 31 23 00-0869	EA		Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R).....	268.42	8.60



	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0870	EA		Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR) .....	223.62	8.60
28 31 23 00-0871	EA		Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R) .....	400.42	8.60
28 31 23 00-0872	EA		Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR) .....	250.82	8.60
28 31 23 00-0873	EA		Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R) .....	479.62	8.60
28 31 23 00-0874	EA		Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4) .....	235.23	17.22
28 31 23 00-0875	EA		Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4) .....	345.63	17.22
28 31 23 00-0876	EA		Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4) .....	408.83	17.22
28 31 23 00-0877	EA		Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4) .....	252.83	17.22
28 31 23 00-0878	EA		Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4) .....	370.43	17.22
28 31 23 00-0879	EA		Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4) .....	432.03	17.22
28 31 23 00-0880	EA		Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R) .....	235.23	17.22
28 31 23 00-0881	EA		Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R) .....	345.63	17.22
28 31 23 00-0882	EA		Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R) .....	408.83	17.22
28 31 23 00-0883	EA		Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R) .....	252.83	17.22
28 31 23 00-0884	EA		Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R) .....	370.43	17.22
28 31 23 00-0885	EA		Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R) .....	432.03	17.22
28 31 23 00-0886	EA		Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC) .....	2,176.30	86.07
28 31 23 00-0887	EA		CAB-4 Series Mounting Kit (Notifier P40-KITB) .....	214.43	17.22
			Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 31 23 00-0888	EA		Black, One Tier Backbox Assembly (Notifier SBB-A4) .....	239.29	51.64
28 31 23 00-0889	EA		Black, Two Tier Backbox Assembly (Notifier SBB-B4) .....	338.52	68.86
28 31 23 00-0890	EA		Black, Three Tier Backbox Assembly (Notifier SBB-C4) .....	446.52	68.86
28 31 23 00-0891	EA		Black, Four Tier Backbox Assembly (Notifier SBB-D4) .....	543.34	86.07
28 31 23 00-0892	EA		Black, Mini, One Tier, Backbox (Notifier SBB-AA4) .....	135.23	17.22
28 31 23 00-0893	EA		Red, Mini, One Tier, Backbox (Notifier SBB-AA4R) .....	135.23	17.22
28 31 23 00-0894	EA		Red, One Tier Backbox Assembly (Notifier SBB-A4R) .....	170.43	17.22
28 31 23 00-0895	EA		Red, Two Tier Backbox Assembly (Notifier SBB-B4R) .....	235.23	17.22
28 31 23 00-0896	EA		Red, Three Tier Backbox Assembly (Notifier SBB-C4R) .....	343.23	17.22
28 31 23 00-0897	EA		Red, Four Tier Backbox Assembly (Notifier SBB-D4R) .....	405.63	17.22
28 31 23 00-0898	EA		Trim Ring For NFS-320 Cabinet (Notifier TR-320) .....	126.26	10.33
28 31 23 00-0899	EA		Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R) .....	126.26	10.33
28 31 23 00-0900	EA		Black, "AA" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4) .....	166.26	10.33
28 31 23 00-0901	EA		Black, "A" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4) .....	135.06	10.33
28 31 23 00-0902	EA		Black, "B" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4) .....	135.06	10.33
28 31 23 00-0903	EA		Black, "C" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4) .....	133.46	10.33
28 31 23 00-0904	EA		Black, "D" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4) .....	136.66	10.33
28 31 23 00-0905	EA		2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B) .....	53.06	10.33
28 31 23 00-0906	EA		Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2) .....	35.29	3.44
<b>28 31 23 00-0907</b>			<b>NFS2-3030/640 Cabinet Mechanicals (28 31 23 00-0805)</b>		
28 31 23 00-0908	EA		Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640) .....	79.06	10.33
28 31 23 00-0909	EA		Blank Module Dress Plate (Notifier BM-1B) .....	65.46	10.33
28 31 23 00-0910	EA		Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4) .....	74.26	10.33
28 31 23 00-0911	EA		Four Position Expansion Chassis (Notifier CHS-4MB) .....	168.42	8.60
28 31 23 00-0912	EA		Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3) .....	166.84	25.82
28 31 23 00-0913	EA		Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2) .....	82.26	10.33
<b>28 31 23 00-0914</b>			<b>NFS-3030/640 Cabinet Mechanicals (28 31 23 00-0805)</b>		
28 31 23 00-0915	EA		Annunciator Dress Plate (Notifier ADP-4B) .....	75.06	10.33
28 31 23 00-0916	EA		Blank Module Dress Plate (Notifier BMP-1) .....	47.06	10.33
28 31 23 00-0917	EA		Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L) .....	106.03	17.22
28 31 23 00-0918	EA		Module Dress Plate (Notifier MP-1B) .....	75.86	10.33
<b>28 31 23 00-0919</b>			<b>Battery Cabinets (28 31 23 00-0805)</b>		
28 31 23 00-0920	EA		Six Position Chassis (Notifier CHS-6) .....	68.27	17.22
28 31 23 00-0921	EA		Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB) .....	338.49	51.64
<b>28 31 23 00-0922</b>			<b>Digital Voice (28 31 23 00-0805)</b>		
28 31 23 00-0923	EA		Chassis Used With BB-XP (Notifier 18439) .....	33.62	8.60
28 31 23 00-0924	EA		220 VAC, 100 Watts, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E) .....	1,470.84	25.82
28 31 23 00-0925	EA		220 VAC, 120 Watts, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E) .....	1,429.24	25.82
28 31 23 00-0926	EA		220 VAC, 30 Watts, 25 VRMS Audio Amplifier (Notifier AA-30E) .....	682.84	25.82
28 31 23 00-0927	EA		Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4) .....	345.24	25.82
28 31 23 00-0928	EA		Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4) .....	468.06	34.43
28 31 23 00-0929	EA		Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4) .....	582.87	43.04
28 31 23 00-0930	EA		Multimode Audio Fiber Link Receiver (Notifier AFL-RM) .....	602.43	17.22
28 31 23 00-0931	EA		Single Mode Audio Fiber Link Receiver (Notifier AFL-RS) .....	1,339.23	17.22
28 31 23 00-0932	EA		Multimode Audio Fiber Link Transmitter (Notifier AFL-TM) .....	602.43	17.22
28 31 23 00-0933	EA		Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS) .....	1,339.23	17.22
28 31 23 00-0934	EA		15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX) .....	72.82	8.60
28 31 23 00-0935	EA		Flush Mounted, Key Lock, Door (Notifier AFAWS-KR) .....	118.82	8.60
28 31 23 00-0936	EA		Surface Mounted, Key Lock, Door (Notifier AFAWS-KS) .....	120.82	8.60
28 31 23 00-0937	EA		Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR) .....	119.22	8.60
28 31 23 00-0938	EA		Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS) .....	120.82	8.60
28 31 23 00-0939	EA		Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA) .....	230.82	8.60
28 31 23 00-0940	EA		Coil Cord, Telephone Chassis (Notifier AFAWS-TELC) .....	187.22	8.60

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 31	23 00-0941	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B).....	50.89	
28 31	23 00-0942	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V) .....	402.43	17.22
28 31	23 00-0943	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V) .....	402.43	17.22
28 31	23 00-0944	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2) .....	68.42	8.60
28 31	23 00-0945	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1).....	92.03	17.22
28 31	23 00-0946	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2) .....	286.84	25.82
28 31	23 00-0947	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM) .....	140.03	17.22
28 31	23 00-0948	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR).....	140.03	17.22
28 31	23 00-0949	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1).....	164.42	8.60
28 31	23 00-0950	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1).....	189.22	8.60
28 31	23 00-0951	EA	120 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025) .....	1,184.83	17.22
28 31	23 00-0952	EA	Multi-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F) .....	960.52	17.22
28 31	23 00-0953	EA	Single-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF) .....	960.52	17.22
28 31	23 00-0954	EA	120 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070) .....	1,223.23	17.22
28 31	23 00-0955	EA	Multi-Mode Fiber-Optic Media 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F) .....	1,044.71	17.22
28 31	23 00-0956	EA	120 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525) .....	1,270.43	17.22
28 31	23 00-0957	EA	Single-Mode Fiber-Optic Media 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF) .....	1,255.18	17.22
28 31	23 00-0958	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF) .....	1,255.18	17.22
28 31	23 00-0959	EA	220-240 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E) .....	1,184.83	17.22
28 31	23 00-0960	EA	220-240 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E) .....	1,223.23	17.22
28 31	23 00-0961	EA	220-240 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E) .....	1,270.43	17.22
28 31	23 00-0962	EA	120 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525) .....	809.63	17.22
28 31	23 00-0963	EA	220-240 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E) .....	809.63	17.22
28 31	23 00-0964	EA	120 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570) .....	861.63	17.22
28 31	23 00-0965	EA	220-240 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E) .....	861.63	17.22
28 31	23 00-0966	EA	120 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025) .....	895.23	17.22
28 31	23 00-0967	EA	220-240 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E) .....	895.23	17.22
28 31	23 00-0968	EA	120 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070) .....	947.23	17.22
28 31	23 00-0969	EA	220-240 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E) .....	947.23	17.22
28 31	23 00-0970	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT).....	79.62	8.60
28 31	23 00-0971	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1) .....	71.06	10.33
28 31	23 00-0972	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	82.26	10.33
28 31	23 00-0973	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	142.26	10.33
28 31	23 00-0974	EA	WPS Power Amplifier (Notifier DPA3204P) .....	474.43	17.22
28 31	23 00-0975	EA	WPS Power Amplifier (Notifier DPA4001P) .....	398.43	17.22
28 31	23 00-0976	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232) .....	842.43	17.22
28 31	23 00-0977	EA	120 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMP).....	634.43	17.22
28 31	23 00-0978	EA	220-240 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMPE) .....	634.43	17.22
28 31	23 00-0979	EA	Digital Series Distribution Board, Supports One To Four DS-Amp Or DS-AMPE (Notifier DS-DB) .....	1,074.43	17.22
28 31	23 00-0980	EA	125 Watts, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watts Amplifier With A DS-XF70V) (Notifier DS-BDA).....	434.43	17.22
28 31	23 00-0981	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM) .....	218.43	17.22
28 31	23 00-0982	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM) .....	218.43	17.22
28 31	23 00-0983	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM).....	218.43	17.22
28 31	23 00-0984	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watts, DS Series Transformer (Notifier DS-XF70V) .....	90.43	17.22
28 31	23 00-0985	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO) .....	206.43	17.22
28 31	23 00-0986	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM) .....	1,194.43	17.22
28 31	23 00-0987	EA	Keypad For Digital Voice Command (Notifier DVC-KD).....	344.86	34.43
28 31	23 00-0988	EA	Replacement Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE) .....	168.49	
28 31	23 00-0989	EA	Fire Fighters Telephone Control With Master Handset (Notifier FFT-7).....	1,204.12	34.43
28 31	23 00-0990	EA	Portable Fireman's Telephone Handset (Notifier FHS) .....	107.29	
28 31	23 00-0991	EA	Red, Fireman's Telephone Handset (Notifier FHS-F) .....	107.29	
28 31	23 00-0992	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R).....	296.03	17.22
28 31	23 00-0993	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S).....	296.03	17.22
28 31	23 00-0994	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ).....	47.93	5.16
28 31	23 00-0995	EA	Paging Microphone Only (Notifier MIC-1) .....	139.23	17.22
28 31	23 00-0996	EA	Firefighter's Telephone Handset (Notifier TELH-1).....	118.09	
28 31	23 00-0997	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	345.63	17.22
28 31	23 00-0998	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA) .....	345.63	17.22

**28 31 23 00-0999 Amplifiers** (28 31 23 00-0805)

28 31	23 00-1000	EA	30 Watt Audio Amplifier At 25 VRMS, 120 VAC (Notifier AA-30).....	665.63	17.22
28 31	23 00-1001	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 VAC, Tone Generator (Notifier AA-100).....	1,453.63	17.22
28 31	23 00-1002	EA	120 Watt Audio Amplifier At 25 VRMS, 120 VAC, Tone Generator (Notifier AA-120).....	1,412.03	17.22
28 31	23 00-1003	EA	Audio Coupling Transformer (Notifier ACT-1).....	100.83	17.22
28 31	23 00-1004	EA	Audio Coupling Transformer For Analog Amplifiers (Notifier ACT-2).....	118.43	17.22
28 31	23 00-1005	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	118.43	17.22
28 31	23 00-1006	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25) .....	118.43	17.22
28 31	23 00-1007	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70) .....	118.43	17.22

**28 31 23 00-1008 FireVoice-25/50 Emergency Voice Evacuation Control Panels** (28 31 23 00-0805)

28 31	23 00-1009	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	2,629.15	344.30
28 31	23 00-1010	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	1,867.23	344.30
28 31	23 00-1011	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS).....	2,414.47	344.30
28 31	23 00-1012	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS) .....	3,130.08	344.30





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1013 EA Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	3,458.42	344.30
<b>28 31 23 00-1014 System Printer</b> (28 31 23 00-0805)		
28 31 23 00-1015 EA 80 Column, 120 VAC, Desktop Printer (Notifier PRN-6).....	1,444.03	17.22
<b>28 31 23 00-1016 Batteries</b> (28 31 23 00-0805)		
28 31 23 00-1017 EA 5 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1250-BP).....	399.23	17.22
28 31 23 00-1018 EA 7 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1270-BP).....	308.03	17.22
28 31 23 00-1019 EA 12 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12120-BP).....	405.63	17.22
28 31 23 00-1020 EA 18 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12180-BP).....	236.03	17.22
28 31 23 00-1021 EA 26 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12260-BP).....	330.43	17.22
28 31 23 00-1022 EA 55 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-12550).....	329.63	17.22
28 31 23 00-1023 EA 100 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-121000).....	525.47	17.22
<b>28 31 23 00-1024 Battery Backboxes And Miscellaneous Mechanicals</b> (28 31 23 00-0805)		
28 31 23 00-1025 EA 14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17).....	98.74	13.77
28 31 23 00-1026 EA 24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25)..... Note: XP6 modules require a CHS-6.	154.74	13.77
28 31 23 00-1027 EA 15.6" x 15.5" x 5.152", Mounts Up To Two 26 Amp Hour And Charger, Battery Backbox (Notifier BB-26).....	264.12	68.86
28 31 23 00-1028 EA Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH).....	125.66	34.43
28 31 23 00-1029 EA Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH1).....	59.62	8.60
28 31 23 00-1030 EA Battery Bracket For Two 26 Amp Hour Batteries (Notifier SEISKIT-BB25).....	170.74	13.77
28 31 23 00-1031 EA Two 26 Amp Hour Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB).....	131.54	13.77
28 31 23 00-1032 EA Two 12 Amp Hour Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA).....	145.94	13.77
28 31 23 00-1033 EA Two 55 Amp Hour Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB).....	158.74	13.77
<b>28 31 23 00-1034 Power Supplies And Chargers</b> (28 31 23 00-0805)		
28 31 23 00-1035 EA 120 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610).....	1,011.64	25.82
28 31 23 00-1036 EA 220/240 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610E).....	1,011.64	25.82
28 31 23 00-1037 EA Addressable Power Supply, 120 VAC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24).....	1,017.63	17.22
28 31 23 00-1038 EA 6A Auxiliary Power Supply (Notifier APS-6R).....	516.84	17.22
28 31 23 00-1039 EA 10 Amp Battery Charger (Notifier BC10A).....	635.64	25.82
28 31 23 00-1040 EA 33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-100).....	372.51	20.66
28 31 23 00-1041 EA 33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-100R).....	372.51	20.66
28 31 23 00-1042 EA 30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-200).....	538.11	20.66
28 31 23 00-1043 EA 30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R).....	538.11	20.66
28 31 23 00-1044 EA 15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1).....	96.83	17.22
28 31 23 00-1045 EA 25 To 120 Amp Hour Battery Charger (Notifier CHG-120).....	784.03	17.22
28 31 23 00-1046 EA Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS).....	55.62	8.60
28 31 23 00-1047 EA Replacement Door Used For Mounting ACPS-610 (E) In A CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1).....	89.22	8.60
28 31 23 00-1048 EA 8.0 Amps, 120 VAC Remote Charger Power Supply (Notifier FCPS-24S8).....	519.23	17.22
28 31 23 00-1049 EA 8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8E).....	588.09	51.64
28 31 23 00-1050 EA Red, 8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8R).....	588.09	51.64
28 31 23 00-1051 EA 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8).....	673.69	51.64
28 31 23 00-1052 EA 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8E).....	673.69	51.64
28 31 23 00-1053 EA Chassis Mounted, 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CM).....	651.64	25.82
28 31 23 00-1054 EA Chassis Mounted, 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CME).....	651.64	25.82
28 31 23 00-1055 EA 12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12).....	791.64	25.82
28 31 23 00-1056 EA 12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12E).....	791.64	25.82
28 31 23 00-1057 EA Chassis Mounted, 12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CM).....	822.04	51.64
28 31 23 00-1058 EA Chassis Mounted, 12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CME).....	822.04	51.64
28 31 23 00-1059 EA 6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6).....	560.09	51.64
28 31 23 00-1060 EA 6 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6E).....	560.09	51.64
28 31 23 00-1061 EA 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8).....	605.69	51.64
28 31 23 00-1062 EA 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8E).....	605.69	51.64
28 31 23 00-1063 EA 6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA).....	483.29	51.64
28 31 23 00-1064 EA 9 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA).....	572.89	51.64
28 31 23 00-1065 EA Class A Adapter HPFF8/HPFF12 (Notifier HPP31076).....	117.22	8.60
28 31 23 00-1066 EA Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A).....	750.04	17.22
28 31 23 00-1067 EA Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4).....	133.63	17.22
<b>28 31 23 00-1068 Network Control Annunciators</b> (28 31 23 00-0805)		
28 31 23 00-1069 EA Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2).....	1,423.29	51.64
28 31 23 00-1070 EA Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO).....	53.46	10.33
28 31 23 00-1071 EA Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit).....	38.26	10.33
<b>28 31 23 00-1072 FIRSTVISION Firefighter's Display</b> (28 31 23 00-0805)		

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1073 EA Replacement ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD) .....	10,977.17	344.30
<b>28 31 23 00-1074 FlashScan Addressable Modules</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1075 EA Intelligent Addressable Control Module (Notifier FCM-1) .....	121.63	17.22
28 31 23 00-1076 EA Addressable Dual Monitor Module (Notifier FDM-1) .....	136.03	17.22
28 31 23 00-1077 EA Intelligent Addressable Monitor Module (Notifier FMM-1) .....	100.83	17.22
28 31 23 00-1078 EA Intelligent Addressable Miniature Monitor Module (Notifier FMM-101) .....	89.63	17.22
28 31 23 00-1079 EA Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20) .....	186.43	17.22
28 31 23 00-1080 EA Intelligent Addressable Relay Module (Notifier FRM-1) .....	116.83	17.22
28 31 23 00-1081 EA Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1) .....	153.63	17.22
28 31 23 00-1082 EA SLC Loop Powered Fault Isolator Module (Notifier ISO-X) .....	99.23	17.22
<b>28 31 23 00-1083 Addressable Device Bases And Accessories</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1084 EA Intelligent Detector Base With Flange (Notifier B710LP) .....	33.22	8.60
28 31 23 00-1085 EA Weatherproof Device Housing (Notifier DH4000E-1) .....	315.23	17.22
<b>28 31 23 00-1086 XP6/XP10 Transponder</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1087 EA Synchronization Daughter Module For XP6-C (Notifier SYNC-1) .....	89.23	17.22
28 31 23 00-1088 EA Six Circuit Supervised Control Module (Notifier XP6-C) .....	453.63	17.22
28 31 23 00-1089 EA Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA) .....	549.63	17.22
28 31 23 00-1090 EA Six Relay Control Module (Notifier XP6-R) .....	436.03	17.22
28 31 23 00-1091 EA Ten Input Monitor Module (Notifier XP10-M) .....	525.63	17.22
<b>28 31 23 00-1092 LCD Display Annunciators</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1093 EA 80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80) .....	579.29	51.64
28 31 23 00-1094 EA 80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80) .....	815.29	51.64
28 31 23 00-1095 EA 640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160) .....	844.09	51.64
28 31 23 00-1096 EA 8 To 16 Switch Smoke Control Expander (Notifier SCE-8) .....	557.63	17.22
28 31 23 00-1097 EA 8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L) .....	294.43	17.22
28 31 23 00-1098 EA Eight Switch Smoke Control Master Module (Notifier SCS-8) .....	725.63	17.22
<b>28 31 23 00-1099 ONYX ACM And AEM Series LED Annunciators</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1100 EA Remote, Eight Form C Relay Module (Notifier ACM-8R) .....	325.63	17.22
28 31 23 00-1101 EA 16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT) .....	601.63	17.22
28 31 23 00-1102 EA 16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT) .....	460.03	17.22
28 31 23 00-1103 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT) .....	601.63	17.22
28 31 23 00-1104 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT) .....	460.03	17.22
28 31 23 00-1105 EA 32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A) .....	460.03	17.22
28 31 23 00-1106 EA 32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A) .....	412.03	17.22
28 31 23 00-1107 EA 48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A) .....	460.03	17.22
28 31 23 00-1108 EA 48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A) .....	412.03	17.22
<b>28 31 23 00-1109 Graphic Annunciator - Lamp Driver Modules</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1110 EA Single Annunciator Flush Mounted Backbox (Notifier ABF-1B) .....	185.66	34.43
28 31 23 00-1111 EA Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB) .....	202.46	34.43
28 31 23 00-1112 EA Two Annunciator Flush Mounted Backbox (Notifier ABF-2B) .....	232.47	43.04
28 31 23 00-1113 EA Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB) .....	254.07	43.04
28 31 23 00-1114 EA Four Annunciator Flush Mounted Backbox (Notifier ABF-4B) .....	410.10	60.25
28 31 23 00-1115 EA Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1) .....	73.06	10.33
28 31 23 00-1116 EA Single Annunciator Surface Mounted Backbox (Notifier ABS-1B) .....	117.26	34.43
28 31 23 00-1117 EA Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB) .....	104.42	8.60
28 31 23 00-1118 EA Two Annunciator Surface Mounted Backbox (Notifier ABS-2B) .....	148.06	34.43
28 31 23 00-1119 EA 12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D) .....	265.27	43.04
28 31 23 00-1120 EA Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR) .....	196.42	8.60
28 31 23 00-1121 EA Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D) .....	431.70	60.25
28 31 23 00-1122 EA Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR) .....	331.86	10.33
28 31 23 00-1123 EA Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB) .....	125.94	13.77
28 31 23 00-1124 EA Annunciator Key Switch (Notifier AKS-1B) .....	62.33	5.16
28 31 23 00-1125 EA Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D) .....	68.43	17.22
28 31 23 00-1126 EA 32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32) .....	412.03	17.22
28 31 23 00-1127 EA 24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24) .....	121.29	3.44
28 31 23 00-1128 EA 48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48) .....	151.69	3.44
28 31 23 00-1129 EA 32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32) .....	339.23	17.22
28 31 23 00-1130 EA Lamp Driver Module (Notifier LDM-R32) .....	593.63	17.22
28 31 23 00-1131 EA Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L) .....	550.43	17.22
28 31 23 00-1132 EA 48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48) .....	154.09	3.44
28 31 23 00-1133 EA Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D) .....	124.66	10.33
28 31 23 00-1134 EA Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D) .....	75.86	10.33
28 31 23 00-1135 EA Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR) .....	75.86	10.33
<b>28 31 23 00-1136 Network Gateways</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1137 EA Common Alerting Protocol Gateway (Notifier CAP-GW) .....	2,234.43	17.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1138 EA PC Version, Receivers Gateway (Notifier DACR-GW) .....	1,746.43	17.22
28 31 23 00-1139 EA Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF) .....	1,666.43	17.22
28 31 23 00-1140 EA Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF).....	1,866.43	17.22
28 31 23 00-1141 EA Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF) .....	2,074.43	17.22
28 31 23 00-1142 EA Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W).....	1,586.43	17.22
28 31 23 00-1143 EA Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS- NCM-WMF) .....	1,626.43	17.22
28 31 23 00-1144 EA Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS- NCM-WSF).....	1,830.43	17.22
28 31 23 00-1145 EA Modbus Gateway (Notifier MODBUS-GW) .....	1,746.43	17.22
28 31 23 00-1146 EA 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW) .....	2,125.44	11.36
28 31 23 00-1147 EA Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS) .....	3,172.64	11.36
28 31 23 00-1148 EA 1920x1080P Wide Screen (Notifier MON-42LCDW) .....	10,085.44	11.36
28 31 23 00-1149 EA Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD).....	403.64	25.82
28 31 23 00-1150 EA Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD) .....	743.64	25.82
28 31 23 00-1151 EA Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD) .....	1,087.64	25.82
28 31 23 00-1152 EA Mass Notification Voice Paging (Notifier NOTIFY-IP).....	840.00	
28 31 23 00-1153 EA Non UL Listed Applications, Mass Notification Voice Paging (Notifier NOTIFY-IP-NOUL).....	840.00	
28 31 23 00-1154 EA Embedded NFN Gateway (Notifier NFN-GW-EM) .....	1,746.43	17.22
28 31 23 00-1155 EA NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F) .....	1,746.43	17.22
28 31 23 00-1156 EA High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW- PC-HNMF).....	2,546.43	17.22
28 31 23 00-1157 EA High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW- PC-HNSF) .....	2,970.43	17.22
28 31 23 00-1158 EA High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW).....	2,546.43	17.22
28 31 23 00-1159 EA NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W).....	1,746.43	17.22
28 31 23 00-1160 EA E-Mail Option For ONYXworks (Notifier ONYX-NOTIFY).....	840.00	
28 31 23 00-1161 EA Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER).....	840.00	
28 31 23 00-1162 EA ONYXWorks Workstation (Notifier ONYXWORKS-WS) .....	15,652.61	413.15
28 31 23 00-1163 EA Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW).....	3,337.72	
Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 31 23 00-1164 EA Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF).....	3,337.72	
Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 31 23 00-1165 EA Fiber Optics, Standard Network Repeater Board (Notifier RPT-F) .....	772.03	17.22
28 31 23 00-1166 EA Wire, Standard Network Repeater Board (Notifier RPT-W) .....	625.63	17.22
28 31 23 00-1167 EA Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF).....	751.23	17.22
28 31 23 00-1168 EA Signaling Line Circuit Integration Module (Notifier SLC-IM).....	830.43	17.22
28 31 23 00-1169 EA VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW).....	1,746.43	17.22
28 31 23 00-1170 EA Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS) .....	1,442.43	17.22
28 31 23 00-1171 EA Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3).....	1,600.00	
<b>28 31 23 00-1172 NOTI-FIRE-NET Network Components</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1173 EA Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3) .....	1,746.43	17.22
28 31 23 00-1174 EA Fiber Optic Network Communications Module (Notifier NCM-F).....	776.03	17.22
28 31 23 00-1175 EA NOTI-FIRE-NET Web Server (Notifier NWS).....	1,746.43	17.22
28 31 23 00-1176 EA Wired Network Communications Module (Notifier NCM-W) .....	739.23	17.22
28 31 23 00-1177 EA Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit) .....	69.42	8.60
<b>28 31 23 00-1178 FireWarden Addressable Fire Panels</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1179 EA 50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50) .....	1,452.58	344.30
28 31 23 00-1180 EA Black, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100) .....	1,736.58	344.30
28 31 23 00-1181 EA Black, One DC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C).....	1,736.58	172.14
28 31 23 00-1182 EA Black, One SLC Loop, 240 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E).....	1,736.58	172.14
28 31 23 00-1183 EA Red, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R).....	1,736.58	172.14
<b>28 31 23 00-1184 FireWarden Accessories</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1185 EA Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100).....	130.84	25.82
28 31 23 00-1186 EA Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T) .....	130.04	25.82
<b>28 31 23 00-1187 FireWarden Devices</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1188 EA SLC Loop Powered Fault Isolator Module (Notifier N100-ISO).....	98.43	17.22
28 31 23 00-1189 EA Intelligent Addressable Control Module (Notifier NC-100).....	117.63	17.22
28 31 23 00-1190 EA Intelligent Addressable Relay Module (Notifier NC-100R) .....	112.83	17.22
28 31 23 00-1191 EA Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100).....	244.43	25.82
28 31 23 00-1192 EA Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R) .....	294.95	25.82
28 31 23 00-1193 EA Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100) .....	112.83	17.22
28 31 23 00-1194 EA Intelligent Addressable Thermal Detector With Base (Notifier NH-100).....	114.04	25.82
28 31 23 00-1195 EA Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H) .....	114.04	25.82

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1196 EA Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R) .....	114.04	25.82
28 31 23 00-1197 EA Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100) .....	155.64	25.82
28 31 23 00-1198 EA Intelligent Addressable Monitor Module (Notifier NMM-100).....	96.83	17.22
28 31 23 00-1199 EA Intelligent Addressable Mini Monitor Module (Notifier NMM-100P).....	87.63	17.22
28 31 23 00-1200 EA Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX).....	132.43	17.22
28 31 23 00-1201 EA Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100) .....	119.64	25.82
28 31 23 00-1202 EA Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100) .....	148.83	17.22
28 31 23 00-1203 EA Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6) .....	536.83	17.22
<b>28 31 23 00-1204 SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories</b> <sup>(28 31 23 00-0805)</sup>		
28 31 23 00-1205 EA 120 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402) .....	950.87	275.43
28 31 23 00-1206 EA 120 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404) .....	1,054.07	275.43
28 31 23 00-1207 EA 240 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFB-2402E).....	744.30	86.07
28 31 23 00-1208 EA 240 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFB-2404E).....	847.50	86.07
28 31 23 00-1209 EA Class A Converter Module (Notifier CAC-4).....	265.63	17.22
28 31 23 00-1210 EA Optional Internal Dress Panel For SFB-2402 And SFB-2404 Only (Notifier DP-3-B).....	87.86	10.33
28 31 23 00-1211 EA Internal Dress Plate, Required For FM And ULC (Notifier DP-4X).....	89.46	10.33
28 31 23 00-1212 EA Remote Zone Annunciator (Notifier RZA-4X).....	126.84	25.82
<b>28 31 23 00-1213 SFP-5UD 5 Zone Control Panels And Accessories</b> <sup>(28 31 23 00-0805)</sup>		
28 31 23 00-1214 EA 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD).....	1,484.58	344.30
28 31 23 00-1215 EA 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC) .....	2,248.88	258.22
28 31 23 00-1216 EA 240 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE) .....	1,484.58	172.14
28 31 23 00-1217 EA Red, 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR).....	1,484.58	172.14
28 31 23 00-1218 EA Class A Converter Module (Notifier N-CAC-5X) .....	265.63	17.22
28 31 23 00-1219 EA Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE) .....	104.66	10.33
<b>28 31 23 00-1220 SFP-10UD 10 Zone Control Panels And Accessories</b> <sup>(28 31 23 00-0805)</sup>		
28 31 23 00-1221 EA 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	2,749.17	344.30
28 31 23 00-1222 EA 240 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE) .....	2,056.08	258.22
28 31 23 00-1223 EA 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD).....	1,708.58	344.30
28 31 23 00-1224 EA Red, 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR) .....	2,400.37	344.30
28 31 23 00-1225 EA Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC) .....	445.69	51.64
<b>28 31 23 00-1226 Smoke Detectors</b> <sup>(28 31 23 00-0805)</sup>		
28 31 23 00-1227 EA Intelligent Addressable Beam Smoke Detector (Notifier FSB-200).....	1,148.86	34.43
28 31 23 00-1228 EA Intelligent Addressable Beam Smoke Detector With Remote Test Feature (Notifier FSB-200S).....	1,308.86	34.43
28 31 23 00-1229 EA Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	166.84	25.82
28 31 23 00-1230 EA Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	283.64	25.82
28 31 23 00-1231 EA Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	725.16	25.82
28 31 23 00-1232 EA Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851).....	134.04	25.82
28 31 23 00-1233 EA Remote Test Capable, Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851R).....	136.44	25.82
28 31 23 00-1234 EA Intelligent Addressable Thermal Detector (Notifier FST-851) .....	110.04	25.82
28 31 23 00-1235 EA Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H) .....	110.04	25.82
28 31 23 00-1236 EA Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R).....	110.04	25.82
28 31 23 00-1237 EA Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	122.04	25.82
Note: For use with DNR(W) duct detector housing.		
28 31 23 00-1238 EA Filters For Harsh Detector (Notifier RF-FTX) .....	14.62	
28 31 23 00-1239 EA Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY) .....	100.63	17.22
<b>28 31 23 00-1240 Pull Stations</b> <sup>(28 31 23 00-0805)</sup>		
28 31 23 00-1241 EA Trim Ring For NBG12 Series Pull Station (Notifier BG12TR) .....	21.29	3.44
28 31 23 00-1242 EA One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2).....	46.02	8.60
28 31 23 00-1243 EA Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R) .....	46.02	8.60
28 31 23 00-1244 EA Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1) .....	62.03	17.22
28 31 23 00-1245 EA DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	68.03	17.22
28 31 23 00-1246 EA Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG- 1FTS).....	91.63	17.22
28 31 23 00-1247 EA Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R).....	62.03	17.22
28 31 23 00-1248 EA Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS).....	70.83	17.22
28 31 23 00-1249 EA Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL) .....	70.83	17.22
28 31 23 00-1250 EA Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR) .....	70.83	17.22
28 31 23 00-1251 EA Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1) .....	67.23	17.22
28 31 23 00-1252 EA Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R).....	72.43	17.22
28 31 23 00-1253 EA Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL).....	541.31	20.66
28 31 23 00-1254 EA Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L) .....	67.43	17.22
28 31 23 00-1255 EA Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB).....	157.31	20.66
28 31 23 00-1256 EA Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS).....	92.03	17.22
28 31 23 00-1257 EA Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR) .....	80.43	17.22
28 31 23 00-1258 EA Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX) .....	133.23	17.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1259 EA Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	33.29	3.44
<b>28 31 23 00-1260 Rate Compensation Heat Detectors</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1261 EA 135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135) .....	122.04	25.82
28 31 23 00-1262 EA 194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194) .....	122.04	25.82
<b>28 31 23 00-1263 FM Series Door Releases</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1264 EA 1/2" Door Holder Spacer (Notifier FM900-50).....	19.93	5.16
28 31 23 00-1265 EA 3/4" Door Holder Spacer (Notifier FM900-75).....	19.93	5.16
28 31 23 00-1266 EA 1" Door Holder Spacer (Notifier FM900-100).....	19.93	5.16
28 31 23 00-1267 EA Door Holder Extension Kit (Notifier FM900).....	21.13	5.16
28 31 23 00-1268 EA 90 Degree Door Holder Extension Kit (Notifier FM900-Z).....	21.53	5.16
28 31 23 00-1269 EA Floor Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM980) .....	148.44	25.82
28 31 23 00-1270 EA Surface Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM996) .....	128.44	25.82
28 31 23 00-1271 EA Recessed Mounted, Concealed Wiring, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM998) .....	128.44	25.82
<b>28 31 23 00-1272 Multicriteria Fire Detector</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1273 EA Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851) .....	227.64	25.82
28 31 23 00-1274 EA Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851)..... Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	210.04	25.82
28 31 23 00-1275 EA Low Profile Intelligent Addressable Photoelectric Smoke Detector With Built-In 135°F Fixed Temperature Thermal Device (Notifier FSP-851T).....	134.84	25.82
<b>28 31 23 00-1276 Modules</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1277 EA Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	260.83	17.22
28 31 23 00-1278 EA Addressable Firephone Control Module (Notifier FTM-1) .....	152.83	17.22
<b>28 31 23 00-1279 DH Series Door Releases</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1280 EA Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	126.84	25.82
28 31 23 00-1281 EA Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB) .....	135.16	25.82
28 31 23 00-1282 EA Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	143.64	25.82
28 31 23 00-1283 EA Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC) .....	141.24	25.82
28 31 23 00-1284 EA Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	148.44	25.82
28 31 23 00-1285 EA Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	154.04	25.82
28 31 23 00-1286 EA Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC) .....	126.84	25.82
28 31 23 00-1287 EA Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB) .....	134.84	25.82
28 31 23 00-1288 EA Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	143.64	25.82
28 31 23 00-1289 EA Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1) .....	162.84	25.82
28 31 23 00-1290 EA Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1).....	174.04	25.82
28 31 23 00-1291 EA Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1) .....	186.84	25.82
28 31 23 00-1292 EA Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2) .....	190.04	25.82
28 31 23 00-1293 EA Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2).....	202.84	25.82
28 31 23 00-1294 EA Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2) .....	218.84	25.82
28 31 23 00-1295 EA .5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC).....	14.57	3.44
28 31 23 00-1296 EA .5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B) .....	14.57	3.44
28 31 23 00-1297 EA .5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D).....	15.85	3.44
28 31 23 00-1298 EA 1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC).....	14.57	3.44
28 31 23 00-1299 EA 1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B) .....	14.57	3.44
28 31 23 00-1300 EA 1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D).....	15.85	3.44
28 31 23 00-1301 EA 1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC).....	15.53	3.44
28 31 23 00-1302 EA 1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC) .....	15.53	3.44
28 31 23 00-1303 EA 1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	15.85	3.44
28 31 23 00-1304 EA 1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D) .....	16.81	3.44
28 31 23 00-1305 EA 2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC).....	16.81	3.44
28 31 23 00-1306 EA 2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC) .....	16.81	3.44
28 31 23 00-1307 EA 2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B) .....	17.29	3.44
28 31 23 00-1308 EA 2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D).....	17.61	3.44
28 31 23 00-1309 EA 3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC).....	17.61	3.44
28 31 23 00-1310 EA 3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B) .....	18.57	3.44
28 31 23 00-1311 EA 3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D).....	18.57	3.44
28 31 23 00-1312 EA 4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC).....	18.89	3.44
28 31 23 00-1313 EA 4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC) .....	18.89	3.44
28 31 23 00-1314 EA 4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB) .....	19.69	3.44
28 31 23 00-1315 EA 4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	22.09	3.44
28 31 23 00-1316 EA 5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC).....	19.69	3.44
28 31 23 00-1317 EA 5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B) .....	20.65	3.44
28 31 23 00-1318 EA 5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	22.09	3.44
28 31 23 00-1319 EA Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCP).....	20.41	5.16
28 31 23 00-1320 EA Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB).....	21.05	5.16
28 31 23 00-1321 EA Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD) .....	23.13	5.16

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1322	EA		Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC) .....	38.01	5.16
28 31 23 00-1323	EA		Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB) .....	40.57	5.16
28 31 23 00-1324	EA		Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD) .....	43.13	5.16
28 31 23 00-1325	EA		Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC) .....	34.50	8.60
28 31 23 00-1326	EA		Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB) .....	36.42	8.60
28 31 23 00-1327	EA		Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD) .....	39.14	8.60
28 31 23 00-1328	EA		Surface Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF) .....	216.00	
28 31 23 00-1329	EA		Two Piece Extension Wrench (Notifier DHW) .....	2.40	
<b>28 31 23 00-1330</b>			<b>First Command</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1331	EA		Black, 120 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100) .....	3,970.27	430.37
28 31 23 00-1332	EA		Black, 220-240 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E) .....	3,970.27	430.37
28 31 23 00-1333	EA		Black, 120 VAC, 50 Watts, 25 VRMS Or 70 VRMS, Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA) .....	1,134.52	34.43
28 31 23 00-1334	EA		Black, 220-240 VAC, 50 Watts, 25 VRMS Or 70 VRMS, Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE) .....	1,134.52	34.43
28 31 23 00-1335	EA		Black, 120 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA) .....	2,088.12	34.43
28 31 23 00-1336	EA		Black, 220-240 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE) .....	2,088.12	34.43
28 31 23 00-1337	EA		50 Watts, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt) .....	454.43	17.22
28 31 23 00-1338	EA		50 Watts, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt) .....	454.43	17.22
28 31 23 00-1339	EA		Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4) .....	307.23	17.22
28 31 23 00-1340	EA		Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6) .....	434.43	17.22
28 31 23 00-1341	EA		Standalone Firefighter Telephone System (Notifier NFC-FFT) .....	1,541.72	34.43
			Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.		
28 31 23 00-1342	EA		Local Operator Console (Notifier NFC-LOC) .....	1,490.52	34.43
			Note: Includes built-in microphone, message and zone control switches, black.		
28 31 23 00-1343	EA		Black, Remote Microphone (Notifier NFC-RM) .....	434.09	
28 31 23 00-1344	EA		Remote Page Unit (Notifier NFC-RPU) .....	1,257.72	34.43
			Note: Includes built-in microphone, message control switches, black.		
28 31 23 00-1345	EA		Remote Telephone Zone Module (Notifier NFC-RTZM) .....	575.23	17.22
28 31 23 00-1346	EA		70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V) .....	232.03	17.22
28 31 23 00-1347	EA		Firefighters Phone Jack (Notifier N-FPJ) .....	107.93	5.16
28 31 23 00-1348	EA		Thumbblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH) .....	29.53	5.16
28 31 23 00-1349	EA		Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B) .....	91.86	10.33
<b>28 31 23 00-1350</b>			<b>LED Displays</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1351	EA		2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215) .....	1,041.31	20.66
28 31 23 00-1352	EA		Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW) .....	1,767.09	27.54
28 31 23 00-1353	EA		4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT) .....	1,815.09	27.54
28 31 23 00-1354	EA		8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8) .....	1,215.09	27.54
28 31 23 00-1355	EA		16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16) .....	1,855.09	27.54
28 31 23 00-1356	EA		LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V) .....	1,815.09	27.54
<b>28 31 23 00-1357</b>			<b>Control Relays</b> <small>(28 31 23 00-0805)</small>		
28 31 23 00-1358	EA		Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR) .....	44.42	8.60
28 31 23 00-1359	EA		Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T) .....	34.82	8.60
28 31 23 00-1360	EA		Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR) .....	117.63	17.22
28 31 23 00-1361	EA		Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T) .....	73.22	8.60
28 31 23 00-1362	EA		Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T) .....	87.62	8.60
28 31 23 00-1363	EA		24 VDC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C) .....	104.83	17.22
28 31 23 00-1364	EA		120 VAC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C) .....	104.83	17.22
28 31 23 00-1365	EA		Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR) .....	64.83	17.22
28 31 23 00-1366	EA		Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T) .....	37.62	8.60
28 31 23 00-1367	EA		Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR) .....	134.43	17.22
28 31 23 00-1368	EA		24 VDC/24 VAC/115 VAC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-1) .....	47.23	17.22
28 31 23 00-1369	EA		12/24 VDC, 7 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-2) .....	47.23	17.22
28 31 23 00-1370	EA		9 To 40 VDC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-4) .....	47.23	17.22
<b>28 31 23 00-1371</b>			<b>Gamewell-FCI Fire Control Instruments</b> <small>(28 31 23 00-0805)</small>		
<b>28 31 23 00-1372</b>			<b>7100 Series And NetSOLO®</b> <small>(28 31 23 00-1371)</small>		
<b>28 31 23 00-1373</b>			<b>7100 Compact Analog Addressable Fire Alarm Control Panels</b> <small>(28 31 23 00-1372)</small>		
28 31 23 00-1374	EA		Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M) .....	612.87	206.58
28 31 23 00-1375	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2) .....	2,601.66	344.30
28 31 23 00-1376	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D) .....	2,834.12	344.30
28 31 23 00-1377	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2-E) .....	2,601.66	344.30
28 31 23 00-1378	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2D-E) .....	2,834.12	344.30
28 31 23 00-1379	EA		Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1) .....	785.06	34.43
28 31 23 00-1380	EA		Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D) .....	940.57	34.43
28 31 23 00-1381	EA		Analog Loop Unit (Gamewell-FCI ALU) .....	940.57	34.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 31 23 00-1382</b> <b>NetSOLO® Intelligent Network</b> <small>(28 31 23 00-1372)</small>		
28 31 23 00-1383    EA    Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) ..... Note: Mounted in 7100 panel.	1,042.89	34.43
28 31 23 00-1384    EA    Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) ..... Note: Mounted in 7100 panel.	829.26	34.43
<b>28 31 23 00-1385</b> <b>Components And Accessories</b> <small>(28 31 23 00-1372)</small>		
28 31 23 00-1386    EA    Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	514.92	25.82
28 31 23 00-1387    EA    Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100).....	392.99	34.43
28 31 23 00-1388    EA    Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	717.94	34.43
28 31 23 00-1389    EA    Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	291.49	34.43
28 31 23 00-1390    EA    Replacement Enclosure Box (Gamewell-FCI EN-7100).....	241.67	68.86
28 31 23 00-1391    EA    Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	748.17	17.22
<b>28 31 23 00-1392</b> <b>E3 Series® Basic System</b> <small>(28 31 23 00-1371)</small>		
28 31 23 00-1393    EA    Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	694.66	34.43
28 31 23 00-1394    EA    Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	598.39	34.43
28 31 23 00-1395    EA    Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3).....	694.66	34.43
28 31 23 00-1396    EA    Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3).....	598.39	34.43
28 31 23 00-1397    EA    LCD Keypad Display (Gamewell-FCI LCD-E3).....	440.60	34.43
28 31 23 00-1398    EA    Power Supply Module (Gamewell-FCI PM-9).....	576.22	34.43
28 31 23 00-1399    EA    Transponder 9 Ampere Power Supply (Gamewell-FCI PM-9 INX).....	485.40	34.43
28 31 23 00-1400    EA    Power Supply And Charger, 120/220 VAC (Gamewell-FCI PM-9G 9A).....	478.38	17.22
28 31 23 00-1401    EA    Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	277.46	34.43
28 31 23 00-1402    EA    Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	737.47	34.43
28 31 23 00-1403    EA    Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP).....	618.45	34.43
28 31 23 00-1404    EA    Local Operating Console (Gamewell-FCI 1100-0455).....	413.38	25.82
28 31 23 00-1405    EA    Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	1,326.63	25.82
28 31 23 00-1406    EA    70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70).....	528.97	34.43
28 31 23 00-1407    EA    INI-VGE-UJP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	1,604.89	34.43
28 31 23 00-1408    EA    8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1).....	377.07	68.86
28 31 23 00-1409    EA    C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC).....	279.47	68.86
28 31 23 00-1410    EA    Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP).....	61.54	17.22
28 31 23 00-1411    EA    Programmable Switch Module (Gamewell-FCI ASM-16).....	371.73	34.43
28 31 23 00-1412    EA    LED Driver module (Gamewell-FCI ANU-48).....	371.73	34.43
28 31 23 00-1413    EA    Network Graphic Annunciator (Gamewell-FCI NGA).....	1,112.04	25.82
<b>28 31 23 00-1414</b> <b>Addressable Devices, Module, Pulls And Accessories</b> <small>(28 31 23 00-1371)</small>		
<b>28 31 23 00-1415</b> <b>Velociti® Series Sensors And Bases</b> <small>(28 31 23 00-1414)</small>		
28 31 23 00-1416    EA    Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	118.76	25.82
28 31 23 00-1417    EA    Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	121.21	25.82
28 31 23 00-1418    EA    Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	128.58	25.82
28 31 23 00-1419    EA    Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	99.11	25.82
28 31 23 00-1420    EA    Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	103.21	25.82
28 31 23 00-1421    EA    Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	99.11	25.82
28 31 23 00-1422    EA    Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	145.77	25.82
28 31 23 00-1423    EA    Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	317.66	25.82
28 31 23 00-1424    EA    Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	270.23	43.04
28 31 23 00-1425    EA    Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	302.98	43.04
28 31 23 00-1426    EA    Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB).....	149.10	43.04
28 31 23 00-1427    EA    Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	30.32	8.60
28 31 23 00-1428    EA    Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	342.21	25.82
28 31 23 00-1429    EA    Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	68.38	8.60
28 31 23 00-1430    EA    Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	1,208.28	51.64
<b>28 31 23 00-1431</b> <b>Velociti® Series Modules And Pull Station</b> <small>(28 31 23 00-1414)</small>		
28 31 23 00-1432    EA    Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F).....	86.41	17.22
28 31 23 00-1433    EA    Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	138.38	17.22
28 31 23 00-1434    EA    Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F).....	94.59	17.22
28 31 23 00-1435    EA    Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	132.65	17.22
28 31 23 00-1436    EA    Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	110.96	17.22
28 31 23 00-1437    EA    Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	115.05	17.22
28 31 23 00-1438    EA    Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	161.76	34.43
28 31 23 00-1439    EA    Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	118.74	17.22
28 31 23 00-1440    EA    Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	19.17	3.44
<b>28 31 23 00-1441</b> <b>Components And Accessories</b> <small>(28 31 23 00-1414)</small>		
28 31 23 00-1442    EA    Remote LED Annunciator Alarm (Gamewell-FCI RA400Z)..... Note: Mounts on single gang box.	48.00	13.77
28 31 23 00-1443    EA    Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	24.00	6.89
28 31 23 00-1444    EA    >2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	25.64	6.89

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1445	EA		>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	30.73	8.60
28 31 23 00-1446	EA		>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	49.31	10.33
28 31 23 00-1447	EA		Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451).....	73.38	13.77
			Note: Mounts on single gang box.		
<b>28 31 23 00-1448</b>			<b>Fixed And Rate of Rise Heat Detectors</b> (28 31 23 00-1414)		
28 31 23 00-1449	EA		135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P) .....	65.55	25.82
28 31 23 00-1450	EA		194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	65.55	25.82
28 31 23 00-1451	EA		135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	65.55	25.82
28 31 23 00-1452	EA		194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	65.55	25.82
<b>28 31 23 00-1453</b>			<b>NAC Expander/Power Supply</b> (28 31 23 00-1414)		
28 31 23 00-1454	EA		FireForce 8 NAC Expander/Power Supply, 12/24 VDC, 8 Amp, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	1,140.20	275.43
28 31 23 00-1455	EA		6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	984.68	275.43
28 31 23 00-1456	EA		9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,062.44	275.43
<b>28 31 23 00-1457</b>			<b>Batteries And Accessories</b> (28 31 23 00-1371)		
28 31 23 00-1458	EA		B-17R, 12 VDC, 17 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A) .....	175.21	17.22
28 31 23 00-1459	EA		B-55R, 12 VDC, 55 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A) .....	442.05	17.22
28 31 23 00-1460	EA		B-7R, 12 VDC, 7 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A) .....	93.36	17.22
28 31 23 00-1461	EA		BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	217.01	34.43
28 31 23 00-1462	EA		BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	217.01	34.43
28 31 23 00-1463	EA		12"H x 12"W x 24"L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970).....	193.27	34.43
<b>28 31 23 00-1464</b>			<b>Electronic Door Holders</b> (28 31 23 00-1371)		
			Note: Rixson products.		
28 31 23 00-1465	EA		XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000) .....	30.95	3.44
28 31 23 00-1466	EA		FM-980, Floor Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90000).....	248.08	25.82
28 31 23 00-1467	EA		FM-981, Floor Mount Holder For Double Doors, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90001) .....	337.30	25.82
28 31 23 00-1468	EA		FM-990, Low Profile Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90002) .....	159.19	25.82
28 31 23 00-1469	EA		FM-996, Surface Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90003).....	151.83	25.82
28 31 23 00-1470	EA		FM-997 Recessed Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90004).....	159.19	25.82
28 31 23 00-1471	EA		FM-998, Recessed Mount Door Holder With Concealed Wiring, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90005) .....	158.86	25.82
<b>28 31 23 00-1472</b>			<b>SpectraAlert® Advance Wall Mount 2-Wire Horn/Strobes</b> (28 31 23 00-1371)		
			See CSI section 28 31 23 00-1660 for devices.		
<b>28 31 23 00-1473</b>			<b>SpectraAlert® Advance Accessories</b> (28 31 23 00-1371)		
			See CSI section 28 31 23 00-1660 for backboxes, 28 31 23 00-1917 for backboxes.		
<b>28 31 23 00-1474</b>			<b>Fire Alarm Programming</b> (28 31 23 00-1371)		
			Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.		
28 31 23 00-1475	EA		Program And Test Up To 5 Fire Alarm Devices .....	500.00	
28 31 23 00-1476	EA		Program And Test >5 To 20 Fire Alarm Devices .....	1,000.00	
28 31 23 00-1477	EA		Program And Test >20 To 50 Fire Alarm Devices .....	2,000.00	
<b>28 31 23 00-1478</b>			<b>Fire-Lite Fire Alarm</b> (28 31 23 00-0804)		
<b>28 31 23 00-1479</b>			<b>Addressable Control Panels</b> (28 31 23 00-1478)		
28 31 23 00-1480	EA		25 Point Intelligent Control (Fire Lite MS-25) .....	1,159.74	344.30
28 31 23 00-1481	EA		50 Point Intelligent Control (Fire Lite MS-9050UD) .....	1,274.38	344.30
28 31 23 00-1482	EA		198-Point Intelligent Control (Fire Lite MS-9200UDLS) .....	1,795.36	344.30
28 31 23 00-1483	EA		636-Point Intelligent Control (Fire Lite MS-9600LS).....	2,642.37	344.30
28 31 23 00-1484	EA		636-Point Intelligent Control (Fire Lite MS-9600UDLS) .....	2,532.99	344.30
<b>28 31 23 00-1485</b>			<b>Silent Knight Fire Alarm</b> (28 31 23 00-0804)		
28 31 23 00-1486	EA		Supervised Control Module (Silent Knight SK-CONTROL) .....	114.59	25.82
28 31 23 00-1487	EA		Detector (Silent Knight IDP-PhotoR).....	151.55	25.82
28 31 23 00-1488	EA		SLC Annunciator Driver Module (Silent Knight SD500-LED) .....	449.71	51.64
28 31 23 00-1489	EA		Monitoring Module (Silent Knight IDP) .....	151.64	25.82
28 31 23 00-1490	EA		Cabinet (Silent Knight SK-5207) .....	208.46	51.64
28 31 23 00-1491	EA		Innovair IDP-Product (Silent Knight Innovair IDP-Pduct) .....	297.35	17.22
28 31 23 00-1492	EA		I/O Input-Output Module (Silent Knight SK-2880) .....	402.53	17.22
28 31 23 00-1493	EA		Remote Annunciator (Silent Knight RA-2000) .....	1,154.99	51.64
28 31 23 00-1494	EA		Remote LCD Annunciator (Silent Knight SK-5860).....	381.85	51.64
28 31 23 00-1495	EA		Power Supply (Silent Knight 5195/96) .....	718.03	17.22
28 31 23 00-1496	EA		8 Zone Expander (Silent Knight SK-5210).....	560.28	17.22
28 31 23 00-1497	EA		10 Zone Expander (Silent Knight SK-5217) .....	239.24	17.22
28 31 23 00-1498	EA		Remote Annunciator (Silent Knight SK-5235).....	239.93	34.43
28 31 23 00-1499	EA		LCD Remote Annunciator (Silent Knight SK-5230).....	227.88	34.43
28 31 23 00-1500	EA		Digital Fire Communicator with Cabinet (Silent Knight SK-5104) .....	365.18	51.64
28 31 23 00-1501	EA		Ionization Smoke Detector (Silent Knight SK-ION) .....	113.82	25.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1502 EA Addressable Relay Module (Silent Knight SD500-ARM) .....	114.59	25.82
28 31 23 00-1503 EA Addressable Relay Module (Silent Knight IDP-Relay) .....	130.52	25.82
28 31 23 00-1504 EA Telephone Line Monitor (Silent Knight SK-7150) .....	81.76	17.22
28 31 23 00-1505 EA Serial Driver Board (Silent Knight SK-2884) .....	151.17	17.22
28 31 23 00-1506 EA Addressable Duct Detector Test Switch (Silent Knight SD505-DTS) .....	106.76	25.82
28 31 23 00-1507 EA Smoke Detector Base (Silent Knight IDP-6AB) .....	43.51	8.60
28 31 23 00-1508 EA Mini Input Module (Silent Knight IDP-MINIMON) .....	113.31	17.22
28 31 23 00-1509 EA Status Display Module (Silent Knight SK-4180) .....	413.04	17.22
28 31 23 00-1510 EA 8-Channel Digital Communicator (Silent Knight SK-1420) .....	244.77	17.22
28 31 23 00-1511 EA Serial Parallel Module (Silent Knight SK-4824) .....	223.74	17.22
28 31 23 00-1512 EA Addressable Heat Sensor (Silent Knight SD505-AHS) .....	102.28	25.82
28 31 23 00-1513 EA Addressable Input Module (Silent Knight SD500-AIM) .....	103.56	25.82
28 31 23 00-1514 EA Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS) .....	104.19	25.82
28 31 23 00-1515 EA Power Supply (Silent Knight SK-5197 / SK-5198) .....	823.21	17.22
28 31 23 00-1516 EA 4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204) .....	1,399.76	68.86
28 31 23 00-1517 EA LED Input/Output Module (Silent Knight / IntelliKnight 5880) .....	290.91	25.82
28 31 23 00-1518 EA Intelligent Ionization Smoke Detector (Silent Knight IDP-ION) .....	156.81	25.82
28 31 23 00-1519 EA Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo) .....	130.52	25.82
28 31 23 00-1520 EA Analog Ionization Smoke Detector (Silent Knight SD505-AIS) .....	111.36	25.82
28 31 23 00-1521 EA Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB) .....	28.94	8.60
28 31 23 00-1522 EA Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB) .....	28.94	8.60
28 31 23 00-1523 EA Addressable Mini Input Module (Silent Knight SD500-MIM) .....	85.07	17.22
28 31 23 00-1524 EA Fire Slave Communicator Dialer (Silent Knight SK-5128) .....	263.76	17.22
28 31 23 00-1525 EA 6 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5495) .....	424.71	51.64
28 31 23 00-1526 EA Intelligent Power Module (with cabinet) (Silent Knight SK-5496) .....	452.09	51.64
28 31 23 00-1527 EA Manual Pull Station (single action) (Silent Knight PS-SATK) .....	58.33	17.22
28 31 23 00-1528 EA Manual Pull Station (dual action) (Silent Knight PS-DATK) .....	63.10	17.22
28 31 23 00-1529 EA Manual Pull Station (dual action) (Silent Knight PS-DA) .....	61.76	17.22
28 31 23 00-1530 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808) .....	909.47	68.86
28 31 23 00-1531 EA Remote LED Annunciator (Silent Knight 5865-3) .....	355.75	34.43
28 31 23 00-1532 EA Remote LED Annunciator (Silent Knight 5865-4) .....	403.14	34.43
28 31 23 00-1533 EA Serial/Parallel Printer Interface (Silent Knight 5824) .....	247.67	17.22
28 31 23 00-1534 EA Relay Interface Board (Silent Knight 5883) .....	172.97	17.22
28 31 23 00-1535 EA Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS) .....	2,908.99	172.14
28 31 23 00-1536 EA Supervised Remote Command Unit (Silent Knight EVS-RCU) .....	1,204.22	103.29
28 31 23 00-1537 EA 50 Watt Amplifier (Silent Knight EVS-50W) .....	844.77	68.86
28 31 23 00-1538 EA 125 Watt Amplifier (Silent Knight EVS-125W) .....	1,509.47	68.86
28 31 23 00-1539 EA Voice Evacuation System (Silent Knight SKE-450) .....	1,443.59	68.86
28 31 23 00-1540 EA Fire Fighters Telephone (Silent Knight SK-FFT) .....	1,196.53	68.86
28 31 23 00-1541 EA Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL) .....	1,221.86	103.29
28 31 23 00-1542 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700) .....	693.66	68.86
28 31 23 00-1543 EA Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600) .....	597.23	68.86
28 31 23 00-1544 EA Combination Fire And CO Detector (Silent Knight SK-FIRE-CO) .....	190.18	25.82
28 31 23 00-1545 EA Photoelectric Detector (Silent Knight SK-PHOTO) .....	107.41	25.82
28 31 23 00-1546 EA Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T) .....	113.17	25.82
28 31 23 00-1547 EA Ionization Smoke Detector (Silent Knight SK-ION) .....	113.82	25.82
28 31 23 00-1548 EA 135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT) .....	98.93	25.82
28 31 23 00-1549 EA 190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT) .....	104.19	25.82
28 31 23 00-1550 EA 135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR) .....	106.13	25.82
28 31 23 00-1551 EA Sounder Base (Silent Knight B200SR) .....	64.64	8.60
28 31 23 00-1552 EA Intelligent Sounder Base (Silent Knight B200S) .....	68.49	8.60
28 31 23 00-1553 EA Isolator Base (Silent Knight B224BI) .....	53.76	8.60
28 31 23 00-1554 EA Relay Base (Silent Knight B224RB) .....	54.39	8.60
28 31 23 00-1555 EA Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE) .....	115.83	25.82
28 31 23 00-1556 EA Photoelectric Duct Detector (Silent Knight SK-DUCT) .....	187.77	25.82
28 31 23 00-1557 EA Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM) .....	668.10	25.82
28 31 23 00-1558 EA Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T) .....	763.39	25.82
28 31 23 00-1559 EA Dual Monitor Module (Silent Knight SK-MONITOR-2) .....	138.05	25.82
28 31 23 00-1560 EA Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6) .....	390.28	34.43
28 31 23 00-1561 EA Relay Control Module (Silent Knight SK-RELAY) .....	98.62	17.22
28 31 23 00-1562 EA Six Relay Control Module (Silent Knight SK-RELAY-6) .....	377.18	34.43
28 31 23 00-1563 EA Zone Interface Module (Silent Knight SK-ZONE) .....	117.06	25.82
28 31 23 00-1564 EA Six Zone Interface Module (Silent Knight SK-ZONE-6) .....	452.18	34.43
28 31 23 00-1565 EA Monitor Module (Silent Knight SK-MONITOR) .....	100.35	25.82
28 31 23 00-1566 EA 10 Input Monitor Module (Silent Knight SK-MON-10) .....	437.90	34.43
28 31 23 00-1567 EA Monitor Module (Silent Knight SK-MINIMON) .....	93.31	25.82
28 31 23 00-1568 EA Fault Isolator Module (Silent Knight SK-ISO) .....	104.19	25.82
28 31 23 00-1569 EA 6" Addressable Sounder Base (Silent Knight SD505-6SB) .....	79.40	8.60
28 31 23 00-1570 EA 6" Addressable Relay Base (Silent Knight SD505-6RB) .....	74.90	8.60
28 31 23 00-1571 EA 6" Isolator Base (Silent Knight SD505-6IB) .....	67.86	8.60
28 31 23 00-1572 EA Addressable Notification Module (Silent Knight SD500-ANM) .....	128.17	25.82
28 31 23 00-1573 EA Loop Isolation Module (Silent Knight SD500-LIM) .....	108.04	25.82
28 31 23 00-1574 EA Single Action Addressable Pull Station (Silent Knight SD500-PS) .....	109.73	17.22
28 31 23 00-1575 EA Dual Action Addressable Pull Station (Silent Knight SD500-PSDA) .....	104.79	17.22
28 31 23 00-1576 EA Back Box (Silent Knight SK-PSSMBB) .....	48.21	13.77
28 31 23 00-1577 EA Smoke Detector Module (Silent Knight SD500-SDM) .....	120.76	25.82
28 31 23 00-1578 EA Addressable Duct Housing (Silent Knight SD505-DUCT) .....	196.21	25.82
28 31 23 00-1579 EA Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR) .....	255.24	25.82
28 31 23 00-1580 EA Intelligent Power Module (Silent Knight 5895XL) .....	648.42	68.86
28 31 23 00-1581 EA Addressable Power Supply (Silent Knight 5496) .....	452.09	51.64

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31	23 00-1582	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA).....	104.79	17.22
28 31	23 00-1583	EA	Communicator (Silent Knight IPGSM-4G).....	540.36	34.43
28 31	23 00-1584	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208) .....	854.18	68.86
28 31	23 00-1585	EA	Status Display Module (Silent Knight 5280).....	69.69	17.22
28 31	23 00-1586	EA	Serial/Parallel Module (Silent Knight 5824).....	282.10	34.43
28 31	23 00-1587	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4) .....	486.52	68.86
28 31	23 00-1588	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E).....	496.04	68.86
28 31	23 00-1589	EA	Dress Panel (Silent Knight SK-DP2/4).....	92.11	17.22
28 31	23 00-1590	EA	Class A Convertor (Silent Knight SK-CAC4).....	239.58	25.82
28 31	23 00-1591	EA	Transmitter Module (Silent Knight SK-4XTM) .....	126.94	25.82
28 31	23 00-1592	EA	LED Interface Module (Silent Knight SK-4XLM).....	117.06	25.82
28 31	23 00-1593	EA	110 VAC Transformer, 3-6A (Silent Knight SK-XRM24) .....	119.60	17.22
28 31	23 00-1594	EA	Remote Annunciator (Silent Knight SK-RZA4).....	117.06	25.82
28 31	23 00-1595	EA	Zone Relay Module (Silent Knight SK-4XZM).....	125.70	25.82
28 31	23 00-1596	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2).....	421.04	68.86
28 31	23 00-1597	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB) .....	104.79	17.22
28 31	23 00-1598	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH) .....	55.22	17.22
28 31	23 00-1599	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	122.78	20.66
28 31	23 00-1600	EA	9 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5499).....	477.09	51.64
<b>28 31 23 00-1601 Alerton (28 31 23)</b>					
28 31	23 00-1602	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100).....	386.33	5.16
<b>28 31 23 00-1603 Cooper Fire Alarm (28 31 23)</b>					
28 31	23 00-1604	EA	Single Circuit Class A / Multiple B, 12 Or 24 VDC, Sync Module (Cooper DSM-12/24-R).....	130.43	17.22
28 31	23 00-1605	EA	Red Lens, 21 Joules, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001) .....	2,260.93	29.27
28 31	23 00-1606	EA	Red, 100 dB, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	2,980.93	29.27
28 31	23 00-1607	EA	Red Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	1,090.46	34.43
28 31	23 00-1608	EA	Clear Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	1,096.86	34.43
28 31	23 00-1609	EA	Amber Lens, 5 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	1,096.86	34.43
28 31	23 00-1610	EA	Red Lens, 10 Joules, 24 VDC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001) .....	813.66	34.43
28 31	23 00-1611	EA	Amber Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003) .....	813.66	34.43
28 31	23 00-1612	EA	Red Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004) .....	813.66	34.43
28 31	23 00-1613	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005) .....	1,096.86	34.43
28 31	23 00-1614	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006) .....	1,096.86	34.43
28 31	23 00-1615	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007) .....	1,096.86	34.43
28 31	23 00-1616	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008) .....	1,096.86	34.43
28 31	23 00-1617	EA	Red Lens, 15 Joules, 24 VDC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002).....	1,096.86	34.43
28 31	23 00-1618	EA	Red Lens, 21 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001).....	1,262.46	34.43
28 31	23 00-1619	EA	Red Lens, 21 Joules, 24 VDC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003).....	1,172.86	34.43
28 31	23 00-1620	EA	Amber Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005).....	1,172.86	34.43
28 31	23 00-1621	EA	Red Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006).....	1,172.86	34.43
<b>28 31 23 00-1622 Light Engineered Displays Message Boards (28 31 23)</b>					
28 31	23 00-1623	EA	Two Message Sign, "Announcement" And "Evacuate" (LED SP-2/MNS).....	397.31	20.66
28 31	23 00-1624	EA	Four Message Sign, "Fire", "Weather", "Announcement", "E Voltuate" (LED SP-4).....	485.31	20.66
<b>28 31 23 00-1625 STI Fire Alarm (28 31 23)</b>					
28 31	23 00-1626	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100).....	92.32	10.33
			Note: Include 9 VDC self contained battery.		
28 31	23 00-1627	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130).....	122.26	10.33
28 31	23 00-1628	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200) .....	81.46	10.33
28 31	23 00-1629	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) .....	73.46	10.33
			Note: For surface mounted horn strobes.		
28 31	23 00-1630	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E).....	64.66	10.33
28 31	23 00-1631	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) .....	73.46	10.33
			Note: For surface mounted strobe.		
28 31	23 00-1632	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E) .....	73.28	10.33
28 31	23 00-1633	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229).....	153.46	10.33
28 31	23 00-1634	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) .....	99.06	10.33
			Note: For surface mounted pull stations.		
28 31	23 00-1635	EA	Backplate For Polycarbonate Cover (STI-1280) .....	42.86	10.33
28 31	23 00-1636	EA	Conduit Gasket For Polycarbonate Cover (STI-3003) .....	28.86	10.33



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1637 EA Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100).....	51.66	10.33
28 31 23 00-1638 EA Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150).....	102.26	10.33
28 31 23 00-1639 EA 8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A).....	90.06	10.33
28 31 23 00-1640 EA 24.7" x 19.7" x 7.3", Key Lock, Lockable Enclosure (STI-7550).....	490.26	10.33
28 31 23 00-1641 EA Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100).....	71.86	10.33
28 31 23 00-1642 EA Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601).....	65.86	10.33
28 31 23 00-1643 EA Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602).....	60.26	10.33
28 31 23 00-1644 EA Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604).....	65.86	10.33
28 31 23 00-1645 EA Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605).....	60.26	10.33
28 31 23 00-1646 EA Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609).....	65.86	10.33
28 31 23 00-1647 EA Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610).....	60.26	10.33
28 31 23 00-1648 EA Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625).....	113.46	10.33
28 31 23 00-1649 EA White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705).....	55.06	10.33
28 31 23 00-1650 EA Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R).....	55.06	10.33
28 31 23 00-1651 EA Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706).....	86.26	10.33
28 31 23 00-1652 EA Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707).....	86.26	10.33
28 31 23 00-1653 EA White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708).....	60.66	10.33
28 31 23 00-1654 EA Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R).....	60.66	10.33
28 31 23 00-1655 EA White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711).....	55.06	10.33
28 31 23 00-1656 EA Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713).....	60.26	10.33
28 31 23 00-1657 EA White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714).....	60.66	10.33
28 31 23 00-1658 EA Yellow, "High Threat", Push Button Station (STI SS-2201).....	65.33	5.16
28 31 23 00-1659 EA Gasket Kit For STI Covers (STI SUB-121).....	27.87	
<b>28 31 23 00-1660 System Sensor Fire Alarm (28 31 23)</b>		
<b>28 31 23 00-1661 Smoke Detectors (28 31 23 00-1660)</b>		
28 31 23 00-1662 EA Beam Detector Heater Kit (System Sensor BEAMHK).....	38.89	3.44
28 31 23 00-1663 EA Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR).....	162.89	3.44
Note: Four used with long range kit.		
28 31 23 00-1664 EA Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK).....	190.46	34.43
28 31 23 00-1665 EA Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK).....	136.86	34.43
28 31 23 00-1666 EA Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK).....	109.66	34.43
28 31 23 00-1667 EA Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B).....	103.64	25.82
28 31 23 00-1668 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B).....	105.24	25.82
28 31 23 00-1669 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B).....	109.24	25.82
28 31 23 00-1670 EA Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B).....	105.44	25.82
28 31 23 00-1671 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 VDC (System Sensor 4WT-B).....	113.24	25.82
28 31 23 00-1672 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B).....	112.04	25.82
28 31 23 00-1673 EA Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B).....	138.04	25.82
28 31 23 00-1674 EA Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151).....	80.83	17.22
28 31 23 00-1675 EA Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T).....	92.03	17.22
Note: Requires B100 series base.		
28 31 23 00-1676 EA Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK).....	183.62	8.60
28 31 23 00-1677 EA Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK).....	61.22	8.60
<b>28 31 23 00-1678 Duct Smoke Detectors (28 31 23 00-1660)</b>		
28 31 23 00-1679 EA Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2).....	230.24	25.82
28 31 23 00-1680 EA Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120).....	232.84	25.82
28 31 23 00-1681 EA Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W).....	301.13	29.27
28 31 23 00-1682 EA Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S).....	151.23	17.22
28 31 23 00-1683 EA Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL).....	40.73	5.16
28 31 23 00-1684 EA Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR).....	131.54	13.77
28 31 23 00-1685 EA Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW).....	216.03	17.22
28 31 23 00-1686 EA 1' Steel Sampling Tube (System Sensor DST1).....	22.57	6.89
28 31 23 00-1687 EA 1.5' Steel Sampling Tube (System Sensor DST1.5).....	24.57	6.89
28 31 23 00-1688 EA 3' Steel Sampling Tube (System Sensor DST3).....	28.57	6.89
28 31 23 00-1689 EA 5' Steel Sampling Tube (System Sensor DST5).....	33.62	8.60
28 31 23 00-1690 EA 10' Steel Sampling Tube (System Sensor DST10).....	54.06	10.33
28 31 23 00-1691 EA 1", Steel, Exhaust Tube Duct (System Sensor ETX).....	25.37	6.89
28 31 23 00-1692 EA Remote Test Station For Duct Smoke Detector (System Sensor RTS151).....	61.82	8.60
28 31 23 00-1693 EA Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2).....	140.00	
28 31 23 00-1694 EA Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B).....	150.40	
<b>28 31 23 00-1695 Heat Detectors (28 31 23 00-1660)</b>		
28 31 23 00-1696 EA Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P).....	68.44	25.82
28 31 23 00-1697 EA Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602).....	68.44	25.82
28 31 23 00-1698 EA Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621).....	81.24	25.82
28 31 23 00-1699 EA Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622).....	81.24	25.82
<b>28 31 23 00-1700 Horns (28 31 23 00-1660)</b>		
28 31 23 00-1701 EA Red, Mini Horn (System Sensor MHR).....	73.64	25.82
28 31 23 00-1702 EA White, Mini Horn (System Sensor MHW).....	73.64	25.82
28 31 23 00-1703 EA White, 12/24 VDC, Wall Mounted Horn Only (System Sensor HW).....	84.84	25.82

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31	23 00-1704	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R).....	94.53	29.27
28 31	23 00-1705	EA	Red, Interior, Wall Mounted, Horn (System Sensor HR).....	84.84	25.82
28 31	23 00-1706	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK).....	103.64	25.82
<b>28 31 23 00-1707 Wall Mounted Horns/Strobes (28 31 23 00-1660)</b>					
28 31	23 00-1708	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R).....	112.44	25.82
28 31	23 00-1709	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH).....	117.24	25.82
28 31	23 00-1710	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK).....	151.33	29.27
28 31	23 00-1711	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P).....	151.33	29.27
28 31	23 00-1712	EA	Low Frequency, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH-LF).....	160.44	25.82
28 31	23 00-1713	EA	Outdoor Backbox, Red, 120 VAC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120).....	163.33	29.27
28 31	23 00-1714	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK).....	142.13	29.27
28 31	23 00-1715	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P).....	146.53	29.27
28 31	23 00-1716	EA	Replacement, Outdoor, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R).....	127.64	25.82
28 31	23 00-1717	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R-P).....	112.44	25.82
28 31	23 00-1718	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W).....	112.44	25.82
28 31	23 00-1719	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH).....	118.04	25.82
28 31	23 00-1720	EA	Low Frequency, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-LF).....	160.44	25.82
28 31	23 00-1721	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK).....	151.33	29.27
28 31	23 00-1722	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P).....	151.33	29.27
28 31	23 00-1723	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P).....	117.24	25.82
28 31	23 00-1724	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK).....	146.53	29.27
28 31	23 00-1725	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P).....	146.53	29.27
28 31	23 00-1726	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W-P).....	112.44	25.82
28 31	23 00-1727	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4R).....	129.24	25.82
28 31	23 00-1728	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH).....	132.44	25.82
28 31	23 00-1729	EA	Outdoor Backbox, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK).....	152.93	29.27
28 31	23 00-1730	EA	Replacement, Outdoor, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R).....	143.33	29.27
28 31	23 00-1731	EA	White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4W).....	129.24	25.82
28 31	23 00-1732	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK).....	148.13	29.27
28 31	23 00-1733	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK).....	152.93	29.27
<b>28 31 23 00-1734 Ceiling Mounted Horns/Strobes (28 31 23 00-1660)</b>					
28 31	23 00-1735	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R).....	112.44	25.82
28 31	23 00-1736	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH).....	118.84	25.82
28 31	23 00-1737	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK).....	151.33	29.27
28 31	23 00-1738	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK).....	146.53	29.27
28 31	23 00-1739	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P).....	113.24	25.82
28 31	23 00-1740	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W).....	112.44	25.82
28 31	23 00-1741	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH).....	118.84	25.82
28 31	23 00-1742	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK).....	151.33	29.27
28 31	23 00-1743	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P).....	118.84	25.82
28 31	23 00-1744	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK).....	146.53	29.27
28 31	23 00-1745	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P).....	112.44	25.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1746 EA Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4R).....	129.24	25.82
28 31 23 00-1747 EA Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH).....	132.44	25.82
28 31 23 00-1748 EA White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4W).....	129.24	25.82
<b>28 31 23 00-1749 Wall Mounted Strobes</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1750 EA White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW).....	44.42	8.60
28 31 23 00-1751 EA White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW).....	86.02	8.60
28 31 23 00-1752 EA Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR).....	100.44	25.82
28 31 23 00-1753 EA Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH).....	111.64	25.82
28 31 23 00-1754 EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK).....	136.13	29.27
28 31 23 00-1755 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK).....	134.53	29.27
28 31 23 00-1756 EA Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P).....	134.53	29.27
28 31 23 00-1757 EA Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R).....	116.93	29.27
28 31 23 00-1758 EA Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR-P).....	100.44	25.82
28 31 23 00-1759 EA White, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW).....	100.44	25.82
28 31 23 00-1760 EA White, Amber Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-ALERT).....	109.24	25.82
28 31 23 00-1761 EA White, Clear Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-CLR-ALERT).....	106.84	25.82
28 31 23 00-1762 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH).....	111.64	25.82
28 31 23 00-1763 EA White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT).....	110.84	25.82
28 31 23 00-1764 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P).....	110.84	25.82
28 31 23 00-1765 EA Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P).....	136.13	29.27
28 31 23 00-1766 EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK).....	136.13	29.27
28 31 23 00-1767 EA White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P).....	136.13	29.27
28 31 23 00-1768 EA Replacement Unit, Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R).....	120.13	29.27
28 31 23 00-1769 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK).....	134.53	29.27
28 31 23 00-1770 EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P).....	134.53	29.27
28 31 23 00-1771 EA White, Plain, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-P).....	99.64	25.82
28 31 23 00-1772 EA Amber, Wall Strobe Lens Attachment (System Sensor LENS-A).....	15.69	3.44
28 31 23 00-1773 EA Blue, Wall Strobe Lens Attachment (System Sensor LENS-B).....	15.69	3.44
28 31 23 00-1774 EA Green, Wall Strobe Lens Attachment (System Sensor LENS-G).....	15.69	3.44
28 31 23 00-1775 EA Red, Wall Strobe Lens Attachment (System Sensor LENS-R).....	15.69	3.44
<b>28 31 23 00-1776 Ceiling Mounted Strobes</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1777 EA Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCR).....	100.44	25.82
28 31 23 00-1778 EA Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH).....	113.24	25.82
28 31 23 00-1779 EA Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK).....	136.13	29.27
28 31 23 00-1780 EA Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK).....	136.13	29.27
28 31 23 00-1781 EA White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW).....	100.44	25.82
28 31 23 00-1782 EA Clear Lens, White, Two Wire, 12/24 VDC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCW-CLR-ALERT).....	106.84	25.82
28 31 23 00-1783 EA White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH).....	113.24	25.82
28 31 23 00-1784 EA Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK).....	136.13	29.27
28 31 23 00-1785 EA Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK).....	134.53	29.27
28 31 23 00-1786 EA Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P).....	101.24	25.82
28 31 23 00-1787 EA Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC).....	15.69	3.44
28 31 23 00-1788 EA Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC).....	15.69	3.44
28 31 23 00-1789 EA Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC).....	15.69	3.44
28 31 23 00-1790 EA Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC).....	15.69	3.44

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 31 23 00-1791</b> <b>Wall Mounted Speakers</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1792 EA 24 VDC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V) .....	250.84	25.82
28 31 23 00-1793 EA Red, Wall Mounted Speaker (System Sensor SPR) .....	82.84	25.82
28 31 23 00-1794 EA Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK) .....	124.04	25.82
28 31 23 00-1795 EA Replacement Unit, Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R) .....	106.13	29.27
28 31 23 00-1796 EA Red, High dB, Wall Mounted Speaker (System Sensor SPRV) .....	91.64	25.82
28 31 23 00-1797 EA White, Wall Mounted Speaker (System Sensor SPW) .....	82.84	25.82
28 31 23 00-1798 EA White, Outdoor, Wall Mounted Speaker (System Sensor SPWK) .....	130.93	29.27
28 31 23 00-1799 EA White, High dB, Wall Mounted Speaker (System Sensor SPWV) .....	91.64	25.82
<b>28 31 23 00-1800</b> <b>Ceiling Mounted Speakers</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1801 EA Red, Ceiling Mounted Speaker (System Sensor SPCR) .....	82.84	25.82
28 31 23 00-1802 EA Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK) .....	124.04	25.82
28 31 23 00-1803 EA Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV) .....	91.64	25.82
28 31 23 00-1804 EA White, Ceiling Mounted Speaker (System Sensor SPCW) .....	82.84	25.82
28 31 23 00-1805 EA White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV) .....	91.64	25.82
28 31 23 00-1806 EA White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK) .....	130.93	29.27
<b>28 31 23 00-1807</b> <b>Wall Mounted Speakers/Strobes</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1808 EA White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSW) .....	93.22	8.60
28 31 23 00-1809 EA White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSW) .....	44.42	8.60
28 31 23 00-1810 EA Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR) .....	133.24	25.82
28 31 23 00-1811 EA Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH) .....	142.04	25.82
28 31 23 00-1812 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK) .....	189.73	29.27
28 31 23 00-1813 EA Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P) .....	189.73	29.27
28 31 23 00-1814 EA Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R) .....	160.93	29.27
28 31 23 00-1815 EA Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR-P) .....	133.24	25.82
28 31 23 00-1816 EA Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV) .....	137.24	25.82
28 31 23 00-1817 EA White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-ALERT) .....	150.84	25.82
28 31 23 00-1818 EA White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT) .....	192.93	29.27
28 31 23 00-1819 EA White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW) .....	133.24	25.82
28 31 23 00-1820 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH) .....	142.04	25.82
28 31 23 00-1821 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P) .....	142.04	25.82
28 31 23 00-1822 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK) .....	189.73	29.27
28 31 23 00-1823 EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P) .....	189.73	29.27
28 31 23 00-1824 EA White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-P) .....	133.24	25.82
28 31 23 00-1825 EA White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV) .....	137.24	25.82
28 31 23 00-1826 EA White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P) .....	137.24	25.82
<b>28 31 23 00-1827</b> <b>Ceiling Mounted Speakers/Strobes</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1828 EA Red, Selectable Candela ( 15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCR) .....	133.24	25.82
28 31 23 00-1829 EA Red, Selectable Candela ( 135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH) .....	143.64	25.82
28 31 23 00-1830 EA Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV) .....	137.24	25.82
28 31 23 00-1831 EA White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSW) .....	133.24	25.82
28 31 23 00-1832 EA White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSW-CLR-ALERT) .....	143.64	25.82
28 31 23 00-1833 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSWH) .....	142.04	25.82
28 31 23 00-1834 EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSWHK) .....	192.13	29.27
28 31 23 00-1835 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSWH-P) .....	142.04	25.82
28 31 23 00-1836 EA White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCSWK-CLR-ALERT) .....	192.93	29.27
28 31 23 00-1837 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPCWK) .....	189.73	29.27



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1838 EA White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-P).....	133.24	25.82
28 31 23 00-1839 EA White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV).....	137.24	25.82
28 31 23 00-1840 EA White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH).....	142.04	25.82
28 31 23 00-1841 EA White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P).....	137.24	25.82
28 31 23 00-1842 EA High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH).....	142.56	25.82
<b>28 31 23 00-1843 Electric Alarm Bells</b> (28 31 23 00-1660)		
28 31 23 00-1844 EA 6" Alarm Bell (System Sensor SSM24-6).....	100.44	25.82
28 31 23 00-1845 EA 8" Alarm Bell (System Sensor SSM24-8).....	109.24	25.82
28 31 23 00-1846 EA 10" Alarm Bell (System Sensor SSM24-10).....	130.22	25.82
<b>28 31 23 00-1847 Device Bases</b> (28 31 23 00-1660)		
28 31 23 00-1848 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	78.82	8.60
28 31 23 00-1849 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	76.82	8.60
28 31 23 00-1850 EA Intelligent Isolator Base (System Sensor B224BI).....	63.02	8.60
28 31 23 00-1851 EA Intelligent Relay Base (System Sensor B224RB).....	64.02	8.60
28 31 23 00-1852 EA Flangeless, Intelligent Detector Base (System Sensor B501).....	35.42	8.60
<b>28 31 23 00-1853 Boxes, Plates And Decals</b> (28 31 23 00-1660)		
28 31 23 00-1854 EA Two Wire, Flanged, 12/24 VDC, Low-Profile, Adapter Base (System Sensor B110LP).....	30.42	8.60
28 31 23 00-1855 EA Four Wire, Form A And C, 24 VDC Low-Profile, Adapter Base (System Sensor B112LP).....	59.46	10.33
28 31 23 00-1856 EA Conventional Flanged Mounting Base (System Sensor B210LP).....	29.22	8.60
28 31 23 00-1857 EA 120 VAC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K).....	58.02	8.60
28 31 23 00-1858 EA Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB).....	50.82	8.60
28 31 23 00-1859 EA White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW).....	56.42	8.60
28 31 23 00-1860 EA White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW).....	50.82	8.60
28 31 23 00-1861 EA Red Retrofit Plate (System Sensor RFP).....	24.41	5.16
28 31 23 00-1862 EA White Retrofit Plate (System Sensor RFPW).....	24.41	5.16
28 31 23 00-1863 EA Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB).....	42.82	8.60
28 31 23 00-1864 EA Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC).....	44.02	8.60
28 31 23 00-1865 EA Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCR).....	36.02	8.60
28 31 23 00-1866 EA White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCW).....	36.02	8.60
28 31 23 00-1867 EA Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBR).....	30.42	8.60
28 31 23 00-1868 EA Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPR).....	34.42	8.60
28 31 23 00-1869 EA White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPW).....	34.42	8.60
28 31 23 00-1870 EA White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBW).....	30.42	8.60
28 31 23 00-1871 EA Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500).....	30.02	8.60
28 31 23 00-1872 EA Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600).....	30.02	8.60
28 31 23 00-1873 EA Red, Wall Mounted, Trim Ring (System Sensor TR).....	12.73	3.44
28 31 23 00-1874 EA Red, Ceiling Mounted, Trim Ring (System Sensor TRC).....	12.73	3.44
28 31 23 00-1875 EA White, Ceiling Mounted, Trim Ring (System Sensor TRCW).....	12.73	3.44
28 31 23 00-1876 EA Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS).....	10.85	3.44
28 31 23 00-1877 EA White, Wall Mounted, Trim Ring (System Sensor TRW).....	12.73	3.44
28 31 23 00-1878 EA Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R).....	16.65	
28 31 23 00-1879 EA Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC).....	23.32	
28 31 23 00-1880 EA White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W).....	16.65	
28 31 23 00-1881 EA White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC).....	23.32	
<b>28 31 23 00-1882 Chimes</b> (28 31 23 00-1660)		
28 31 23 00-1883 EA Red, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHR).....	87.64	25.82
28 31 23 00-1884 EA White, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHW).....	87.64	25.82
<b>28 31 23 00-1885 Chime/Strobes</b> (28 31 23 00-1660)		
28 31 23 00-1886 EA Red, 15, 15/75, 30, 75, 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSR).....	162.84	25.82
28 31 23 00-1887 EA White, 15, 15/75, 30, 75, 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSW).....	162.84	25.82
<b>28 31 23 00-1888 Carbon Monoxide Detectors</b> (28 31 23 00-1660)		
28 31 23 00-1889 EA Conventional Carbon Monoxide Detector (System Sensor CO1224).....	170.06	34.43
28 31 23 00-1890 EA Round, Sounder And Trouble Relay With Test Function, 12/24 VDC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR).....	152.84	25.82
28 31 23 00-1891 EA CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE).....	10.09	3.44
<b>28 31 23 00-1892 Switches</b> (28 31 23 00-1660)		
28 31 23 00-1893 EA SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1).....	132.34	13.77
28 31 23 00-1894 EA Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2).....	148.34	13.77
28 31 23 00-1895 EA SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1).....	132.34	13.77

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1896	EA		Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2) .....	148.34	13.77
28 31 23 00-1897	EA		Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2) .....	135.54	13.77
28 31 23 00-1898	EA		Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2) .....	127.54	13.77
<b>28 31 23 00-1899</b>			<b>Low Frequency Sounders</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1900	EA		Red, Low Frequency Sounder (System Sensor HR-LF) .....	114.04	25.82
28 31 23 00-1901	EA		White, Low Frequency Sounder (System Sensor HW-LF) .....	114.04	25.82
<b>28 31 23 00-1902</b>			<b>Sync Modules</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1903	EA		Red, 12/24 VDC, Sync Module (System Sensor MDL3R) .....	102.43	17.22
28 31 23 00-1904	EA		White, 12/24 VDC, Sync Module (System Sensor MDL3W) .....	102.43	17.22
<b>28 31 23 00-1905</b>			<b>Relays</b> <small>(28 31 23 00-1660)</small>		
28 31 23 00-1906	EA		Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E) .....	56.90	13.77
28 31 23 00-1907	EA		SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T) .....	36.74	8.60
28 31 23 00-1908	EA		4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E) .....	111.62	8.60
28 31 23 00-1909	EA		4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T) .....	81.42	8.60
28 31 23 00-1910	EA		Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E) .....	61.46	13.77
28 31 23 00-1911	EA		DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T) .....	38.02	8.60
28 31 23 00-1912	EA		4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E) .....	126.02	8.60
28 31 23 00-1913	EA		4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T) .....	93.22	8.60
28 31 23 00-1914	EA		18 To 35 VDC, 18 To 35 VAC, 120 VAC, SPDT Multivoltage Relay (System Sensor PR-1) .....	31.62	8.60
28 31 23 00-1915	EA		10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-2) .....	31.62	8.60
28 31 23 00-1916	EA		Redundant Power Input, 10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-3) .....	31.62	8.60
<b>28 31 23 00-1917</b>			<b>Wheelock Fire Alarm</b> <small>(28 31 23)</small>		
<b>28 31 23 00-1918</b>			<b>Ceiling Mounted Chimes/Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1919	EA		White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 VDC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW) .....	190.84	25.82
<b>28 31 23 00-1920</b>			<b>Wall Mounted Chimes/Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1921	EA		Red, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR) .....	190.84	25.82
28 31 23 00-1922	EA		White, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW) .....	190.84	25.82
<b>28 31 23 00-1923</b>			<b>Ceiling Mounted Horns/Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1924	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC) .....	116.44	25.82
28 31 23 00-1925	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC) .....	116.44	25.82
<b>28 31 23 00-1926</b>			<b>Wall Mounted Horns/Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1927	EA		Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR) .....	125.24	25.82
28 31 23 00-1928	EA		Red, 24 VDC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR) .....	142.84	25.82
28 31 23 00-1929	EA		Red, 24 VDC, Selectable Candela (15,,30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR) .....	132.44	25.82
28 31 23 00-1930	EA		White, 24 VDC, Selectable Candela (15,,30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW) .....	132.44	25.82
28 31 23 00-1931	EA		Red, Flush, 24 VAC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR) .....	135.64	25.82
28 31 23 00-1932	EA		Red, 24 VAC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR) .....	129.64	25.82
28 31 23 00-1933	EA		Red, 115 VAC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR) .....	129.24	25.82
28 31 23 00-1934	EA		Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR) .....	145.73	29.27
28 31 23 00-1935	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR) .....	116.84	25.82
28 31 23 00-1936	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW) .....	116.84	25.82
<b>28 31 23 00-1937</b>			<b>Ceiling Mounted Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1938	EA		Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR) .....	103.24	25.82
28 31 23 00-1939	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW) .....	103.24	25.82
28 31 23 00-1940	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC) .....	105.24	25.82
28 31 23 00-1941	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC) .....	105.24	25.82
<b>28 31 23 00-1942</b>			<b>Wall Mounted Strobes</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-1943	EA		Red, Multi-Candela, 24 VDC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR) .....	163.64	25.82
28 31 23 00-1944	EA		Red, Retrofit Plate, 12 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR) .....	131.64	25.82
28 31 23 00-1945	EA		Red, 24 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR) .....	114.84	25.82
28 31 23 00-1946	EA		Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR) .....	106.84	25.82
28 31 23 00-1947	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW) .....	106.84	25.82
28 31 23 00-1948	EA		Red, Retrofit Plate, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR) .....	118.44	25.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1949 EA Outdoor, Red, 24 VDC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) ..... Note: Requires WPSBB-R.	120.93	29.27
28 31 23 00-1950 EA Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STR) .....	105.24	25.82
28 31 23 00-1951 EA White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STW) .....	105.24	25.82
<b>28 31 23 00-1952 Ceiling Mounted Speakers/Strobes</b> (28 31 23 00-1917)		
28 31 23 00-1953 EA Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR) .....	141.24	25.82
28 31 23 00-1954 EA White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW) .....	141.24	25.82
28 31 23 00-1955 EA White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW) .....	139.64	25.82
28 31 23 00-1956 EA White, 24 VDC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW) .....	141.24	25.82
28 31 23 00-1957 EA White, 24 VDC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW) .....	151.24	25.82
28 31 23 00-1958 EA White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW) .....	154.84	25.82
<b>28 31 23 00-1959 Wall Mounted Speakers/Strobes</b> (28 31 23 00-1917)		
28 31 23 00-1960 EA Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR) .....	156.44	25.82
28 31 23 00-1961 EA White, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW) .....	156.44	25.82
28 31 23 00-1962 EA Red, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FR) .....	151.24	25.82
28 31 23 00-1963 EA White, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FW) .....	151.24	25.82
28 31 23 00-1964 EA Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCC-FR) .....	141.24	25.82
28 31 23 00-1965 EA White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCC-FW) .....	138.04	25.82
28 31 23 00-1966 EA Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCC-FR) .....	151.24	25.82
28 31 23 00-1967 EA White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCC-FW) .....	151.24	25.82
28 31 23 00-1968 EA Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR) .....	154.84	25.82
28 31 23 00-1969 EA Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCC-FR) .....	141.24	25.82
28 31 23 00-1970 EA White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCC-FW) .....	138.04	25.82
28 31 23 00-1971 EA Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCC-FR) .....	151.24	25.82
28 31 23 00-1972 EA White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCC-FW) .....	154.84	25.82
28 31 23 00-1973 EA Red, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCC-FR) .....	154.84	25.82
28 31 23 00-1974 EA White, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCC-FW) .....	154.84	25.82
28 31 23 00-1975 EA Weatherproof, Red, 24 VDC, 75 Candela, Wall Mounted Speaker Strobe (Wheelock ET70WP-2475 W-FR) .....	168.53	29.27
Note: Requires weatherproof backbox (IOB).		
<b>28 31 23 00-1976 Electric Alarm Bells</b> (28 31 23 00-1917)		
28 31 23 00-1977 EA 6", 24 VDC, Red, Vibrating Bell (Wheelock 43T-G6-24-R) .....	119.24	25.82
28 31 23 00-1978 EA 6", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G6-115-R) .....	119.24	25.82
28 31 23 00-1979 EA 10", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G10-115-R) .....	156.44	25.82
28 31 23 00-1980 EA 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R) .....	1,107.33	29.27
28 31 23 00-1981 EA Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R) .....	1,754.53	29.27
28 31 23 00-1982 EA Vibrating, Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R) .....	1,638.53	29.27
28 31 23 00-1983 EA 6", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G6-24-R) .....	95.24	25.82
28 31 23 00-1984 EA 10", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G10-24-R) .....	114.04	25.82
<b>28 31 23 00-1985 Horns</b> (28 31 23 00-1917)		
28 31 23 00-1986 EA Two Wire, 24 VDC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R) .....	83.64	25.82
28 31 23 00-1987 EA Red, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNR) .....	83.24	25.82
28 31 23 00-1988 EA White, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNW) .....	83.24	25.82
28 31 23 00-1989 EA Red, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNR) .....	83.64	25.82
28 31 23 00-1990 EA White, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNW) .....	83.64	25.82
28 31 23 00-1991 EA Red, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R) .....	70.04	25.82
28 31 23 00-1992 EA White, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W) .....	70.04	25.82
28 31 23 00-1993 EA Red, Flush, 12/24 VDC, Horn (Wheelock MT-12/24-R) .....	81.64	25.82
<b>28 31 23 00-1994 Speakers</b> (28 31 23 00-1917)		
28 31 23 00-1995 EA Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-R) .....	86.04	25.82
28 31 23 00-1996 EA White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-W) .....	86.04	25.82
28 31 23 00-1997 EA Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-R) .....	86.04	25.82
28 31 23 00-1998 EA White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-W) .....	84.04	25.82
28 31 23 00-1999 EA Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-R) .....	86.04	25.82
28 31 23 00-2000 EA White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-W) .....	86.04	25.82
28 31 23 00-2001 EA Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-R) .....	86.04	25.82
28 31 23 00-2002 EA White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-W) .....	86.04	25.82
28 31 23 00-2003 EA Red, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-R) .....	98.84	25.82
28 31 23 00-2004 EA White, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-W) .....	98.84	25.82
28 31 23 00-2005 EA White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watts Ceiling Mounted Speaker (Wheelock ET90-W) .....	100.44	25.82

**28 Electronic Safety And Security****28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-2006	EA		Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R).....	112.04	25.82
28 31 23 00-2007	EA		Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R).....	106.84	25.82
28 31 23 00-2008	EA		Grey, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S).....	210.84	25.82
28 31 23 00-2009	EA		Red, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR).....	210.84	25.82
<b>28 31 23 00-2010</b>			<b>Sync Modules</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-2011	EA		12 Or 24 VDC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R).....	96.83	17.22
<b>28 31 23 00-2012</b>			<b>Boxes, Plates And Rings</b> <small>(28 31 23 00-1917)</small>		
28 31 23 00-2013	EA		4" Square, Red, Surface Backbox (Wheelock BB-R).....	24.62	8.60
28 31 23 00-2014	EA		Standard 4" Square Box (Wheelock BB-STD).....	22.50	8.60
28 31 23 00-2015	EA		Black, Backbox For UZC-256 (Wheelock BB-UZC).....	135.23	17.22
28 31 23 00-2016	EA		Red, Backbox For UZC-256 (Wheelock BB-UZC-R).....	135.23	17.22
28 31 23 00-2017	EA		9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP).....	100.34	13.77
28 31 23 00-2018	EA		Red, Extender Ring For E60 Series (Wheelock E60EXT-R).....	13.89	3.44
28 31 23 00-2019	EA		White, Extender Ring For E60 Series (Wheelock E60EXT-W).....	13.69	3.44
28 31 23 00-2020	EA		Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R).....	32.82	8.60
28 31 23 00-2021	EA		White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W).....	31.22	8.60
28 31 23 00-2022	EA		Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R).....	33.62	8.60
28 31 23 00-2023	EA		White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W).....	33.62	8.60
28 31 23 00-2024	EA		4" Square Backbox (Wheelock DBB-R).....	26.42	8.60
28 31 23 00-2025	EA		Red, Surface Backbox (Wheelock IOB-R).....	32.02	8.60
28 31 23 00-2026	EA		White, Surface, Backbox (Wheelock IOB-W).....	32.02	8.60
28 31 23 00-2027	EA		White, Indoor, Surface Extender (Wheelock ISP2-W).....	13.09	3.44
28 31 23 00-2028	EA		Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R).....	13.69	3.44
28 31 23 00-2029	EA		White, RS/RSS Strobe Trim Plate (Wheelock NATP-W).....	13.69	3.44
28 31 23 00-2030	EA		Red Retrofit Plate (Wheelock RP-R).....	16.09	3.44
28 31 23 00-2031	EA		4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4).....	23.69	3.44
28 31 23 00-2032	EA		Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R).....	33.62	8.60
28 31 23 00-2033	EA		White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W).....	33.62	8.60
28 31 23 00-2034	EA		Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R).....	36.62	8.60
28 31 23 00-2035	EA		Red, Semi-Flush Plate (Wheelock SFB-R).....	14.29	3.44
28 31 23 00-2036	EA		White, Semi-Flush Plate (Wheelock SFB-W).....	14.29	3.44
28 31 23 00-2037	EA		Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R).....	29.22	8.60
28 31 23 00-2038	EA		White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W).....	29.22	8.60
28 31 23 00-2039	EA		Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R).....	20.29	3.44
28 31 23 00-2040	EA		Red, Weatherproof Backbox (Wheelock WBB).....	42.82	8.60
28 31 23 00-2041	EA		Weather Resistant Backbox (Wheelock WBB-R).....	33.62	8.60
28 31 23 00-2042	EA		Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R).....	26.29	3.44
28 31 23 00-2043	EA		White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W).....	26.29	3.44
28 31 23 00-2044	EA		Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R).....	26.29	3.44
28 31 23 00-2045	EA		White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W).....	26.29	3.44
28 31 23 00-2046	EA		Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT).....	14.29	3.44
28 31 23 00-2047	EA		Weather Resistant Backbox For ASWP (Wheelock WPBB-R).....	35.62	8.60
28 31 23 00-2048	EA		Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R).....	33.62	8.60
<b>28 31 23 00-2049</b>			<b>Fire Alarm Terminal Cabinets</b> <small>(28 31 23)</small>		
28 31 23 00-2050	EA		18 Point Lockable Fire Alarm Terminal Cabinet.....	134.32	34.50
28 31 23 00-2051	EA		32 Point Lockable Fire Alarm Terminal Cabinet.....	173.53	34.50
28 31 23 00-2052	EA		64 Point Lockable Fire Alarm Terminal Cabinet.....	251.94	34.50
28 31 23 00-2053	EA		128 Point Lockable Fire Alarm Terminal Cabinet.....	330.33	34.50
<b>28 33</b>			<b>Gas Detection and Alarm</b> <small>(28 30)</small>		
<b>28 33 00 00-0001</b>			<b>Hydrogen Gas Detection</b> <small>(28 33)</small>		
28 33 00 00-0002	EA		Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR).....	1,009.66	25.87
28 33 00 00-0003	EA		Hydrogen Gas Detector Junction Box (SBS HGDI-JB).....	54.71	8.62
28 33 00 00-0004	EA		Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM).....	260.45	25.87
<b>28 33 00 00-0005</b>			<b>Monitoring System For Underground Tanks</b> <small>(28 33)</small>		
<b>28 33 00 00-0006</b>			<b>Continuous Leak Detection System</b> <small>(28 33 00 00-0005)</small>		
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.					
28 33 00 00-0007	EA		Single Channel Underground Tank Monitoring System.....	3,095.83	282.32
28 33 00 00-0008	EA		2 Channel Underground Tank Monitoring System.....	4,173.26	376.65
28 33 00 00-0009	EA		3 Channel Underground Tank Monitoring System.....	5,796.84	403.51
28 33 00 00-0010	EA		4 Channel Underground Tank Monitoring System.....	6,328.11	564.64
28 33 00 00-0011	EA		Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System.....	4,155.76	48.20
28 33 00 00-0012	EA		Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System.....	3,747.29	43.04
28 33 00 00-0013	EA		Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System.....	4,920.57	48.20
28 33 00 00-0014	EA		Tank Leak Detection Probe.....	1,519.33	10.33
28 33 00 00-0015	EA		Secondary Containment Collar Probe.....	187.86	4.13
28 33 00 00-0016	EA		Interstitial Leak Detection Probe.....	345.20	8.60



<b>Electronic Safety And Security</b>	<b>28</b>	<b>28</b>
Electronic Detection And Alarm	28 30	
Gas Detection and Alarm	28 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 33 00 00-0017 EA Liquid Phase Detection.....	1,137.05	25.82
28 33 00 00-0018 EA Hydrocarbon Vapor, Fixed.....	1,051.21	25.82
28 33 00 00-0019 EA Hydrocarbon Vapor, Float Mounted.....	1,226.16	29.27
28 33 00 00-0020 EA Liquid And Vapor Hydrocarbon.....	1,397.85	29.27

28 34 Fuel-Oil Detection and Alarm (28 30)  
 See CSI section 28 33 00 00-0000 for detection and alarms.

**END OF SECTION 28**

**28 Electronic Safety And Security**

28 30 Electronic Detection And Alarm

28 34 Fuel-Oil Detection and Alarm



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MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 31 Earthwork

### 31 05 Common Work Results For Earthwork <sup>(31)</sup>

#### 31 05 13 Soils For Earthwork <sup>(31 05)</sup>

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.

#### 31 05 13 00-0001 Fill Material (Loose, Purchased Material) <sup>(31 05 13)</sup>

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.

31 05 13 00-0002	CY Sand, Bank Run.....	41.05	
	For Up To 10, Add	11.93	
	For >10 To 25, Add	4.11	
31 05 13 00-0003	CY 3/8" Minus, ASTM C33, Screened/Washed Bedding Sand.....	42.80	
	For Up To 10, Add	12.45	
	For >10 To 25, Add	4.28	
31 05 13 00-0004	CY Native Clean Fill Soil/Dirt - Common .....	19.80	
	For Up To 10, Add	5.55	
	For >10 To 25, Add	1.98	
31 05 13 00-0005	CY Lime Rock Screening.....	24.50	
	For Up To 10, Add	6.96	
	For >10 To 25, Add	2.45	
31 05 13 00-0006	CY Crushed Lime Rock Maximum 3-1/2" .....	22.45	
	For Up To 10, Add	6.35	
	For >10 To 25, Add	2.25	
31 05 13 00-0007	CY Asphalt Sand .....	22.50	
	For Up To 10, Add	6.36	
	For >10 To 25, Add	2.25	
31 05 13 00-0008	CY Lawn Sand.....	18.28	
	For Up To 10, Add	5.09	
	For >10 To 25, Add	1.83	
31 05 13 00-0009	CY Recycled Concrete Aggregate .....	47.91	
	For Up To 10, Add	13.98	
	For >10 To 25, Add	4.79	
31 05 13 00-0010	CY Sand Fill, Washed Aggregate .....	31.88	
	For Up To 10, Add	9.17	
	For >10 To 25, Add	3.19	
31 05 13 00-0011	CY Pond Sand.....	14.65	
	For Up To 10, Add	4.01	
	For >10 To 25, Add	1.47	
31 05 13 00-0012	CY Pitrun Clay .....	19.18	
	For Up To 10, Add	5.36	
	For >10 To 25, Add	1.92	
31 05 13 00-0013	CY Light Clay / Loam.....	27.26	
	For Up To 10, Add	7.79	
	For >10 To 25, Add	2.73	
31 05 13 00-0014	CY Heavy Clay .....	23.26	
	For Up To 10, Add	6.59	
	For >10 To 25, Add	2.33	

#### 31 05 16 Aggregates For Earthwork <sup>(31 05)</sup>

See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.

#### 31 05 16 00-0001 Aggregate (Loose, Purchased Material) <sup>(31 05 16)</sup>

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.

31 05 16 00-0002	CY #1 Stone Aggregate Fill (3/4" To 3-1/2") .....	36.41	
	For Up To 10, Add	10.53	
	For >10 To 25, Add	3.64	
31 05 16 00-0003	CY #2 Stone Aggregate Fill (1/2" To 2-1/2") .....	32.68	
	For Up To 10, Add	9.41	
	For >10 To 25, Add	3.27	
31 05 16 00-0004	CY #3 Stone Aggregate Fill (1/2" To 2") .....	32.68	
	For Up To 10, Add	9.41	
	For >10 To 25, Add	3.27	
31 05 16 00-0005	CY #4 Stone Aggregate Fill (3/8" To 2") .....	33.36	
	For Up To 10, Add	9.62	
	For >10 To 25, Add	3.34	
31 05 16 00-0006	CY #5 Stone Aggregate Fill (3/8" To 1") .....	36.59	
	For Up To 10, Add	10.59	
	For >10 To 25, Add	3.66	
31 05 16 00-0007	CY #6 Stone Aggregate Fill (3/16" To 1-1/2") .....	37.24	
	For Up To 10, Add	10.78	
	For >10 To 25, Add	3.72	
31 05 16 00-0008	CY #56 Stone Aggregate Fill (3/16" To 1") .....	38.57	
	For Up To 10, Add	11.18	
	For >10 To 25, Add	3.86	
31 05 16 00-0009	CY #57 Stone Aggregate Fill (3/32" To 1") .....	39.35	
	For Up To 10, Add	11.42	
	For >10 To 25, Add	3.94	

**31 Earthwork**  
**31 05 Common Work Results For Earthwork**  
**31 05 16 Aggregates For Earthwork**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0010 CY #68 Stone Aggregate Fill (3/64" To 3/4") .....	40.09	
For Up To 10, Add	11.64	
For >10 To 25, Add	4.01	
31 05 16 00-0011 CY #78 Stone Aggregate Fill (3/64" To 1/2") .....	41.55	
For Up To 10, Add	12.08	
For >10 To 25, Add	4.16	
31 05 16 00-0012 CY #8 Stone Aggregate Fill (3/64" To 3/8") .....	42.87	
For Up To 10, Add	12.47	
For >10 To 25, Add	4.29	
31 05 16 00-0013 CY #8P Stone Aggregate Fill (3/32" To 3/8") .....	43.08	
For Up To 10, Add	12.53	
For >10 To 25, Add	4.31	
31 05 16 00-0014 CY #9 Stone Aggregate Fill (1/64" To 3/16") .....	43.29	
For Up To 10, Add	12.60	
For >10 To 25, Add	4.33	
31 05 16 00-0015 CY #10 Stone Aggregate Fill (#8 To 3/4) .....	45.30	
For Up To 10, Add	13.20	
For >10 To 25, Add	4.53	
31 05 16 00-0016 CY #13, #14, #15, #16 Or #17 Screenings Stone Aggregate Fill (3/16" Max) .....	31.46	
For Up To 10, Add	9.05	
For >10 To 25, Add	3.15	
31 05 16 00-0017 CY #21a Or 21b Crusher Run Aggregate Fill .....	36.53	
For Up To 10, Add	10.57	
For >10 To 25, Add	3.65	
31 05 16 00-0018 CY #25 Or #26 Crusher Run Aggregate Fill .....	32.03	
For Up To 10, Add	9.22	
For >10 To 25, Add	3.20	

**31 05 16 00-0019 Aggregate Spreading** <sup>(31 05 16)</sup>

Note: Excludes cost for material.

31 05 16 00-0020 CY Aggregate Placement .....	18.99	
Note: Includes Spreading, Grading, Compaction Rolling		

**31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization** <sup>(31)</sup>

<sup>(05)</sup>  
See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

**31 10 Site Clearing** <sup>(31)</sup>

**31 11 Clearing And Grubbing** <sup>(31 10)</sup>

**31 11 00 00-0001 Clear And Grub Roots And Stumps** <sup>(31 11)</sup>

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002 ACR Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip .....	4,141.92	
Note: Includes grub and removal of stump		
31 11 00 00-0003 ACR Clear And Grub Light Stumps Only Up To 6" Diameter .....	1,072.23	
31 11 00 00-0004 ACR Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip .....	4,832.24	
Note: Includes grub and removal of stump		
31 11 00 00-0005 ACR Clear And Grub Medium Stumps Only Up To 10" Diameter .....	1,787.05	
31 11 00 00-0006 ACR Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip .....	5,491.19	
Note: Includes grub and removal of stump		
31 11 00 00-0007 ACR Clear And Grub Heavy Stumps Only Up To 16" Diameter .....	2,030.98	
31 11 00 00-0008 ACR Clearing By Machine - Light Brush Without Grub .....	151.39	
31 11 00 00-0009 ACR Clearing By Machine - Medium Brush Without Grub .....	327.71	
31 11 00 00-0010 ACR Clearing By Machine - Heavy Brush Without Grub .....	462.16	
31 11 00 00-0011 ACR Chipping - Light Brush .....	1,288.83	
31 11 00 00-0012 ACR Chipping - Medium Brush .....	1,657.15	
31 11 00 00-0013 ACR Chipping - Heavy Brush .....	2,320.22	

**31 11 00 00-0014 Loading Of Cleared And Grubbed Material** <sup>(31 11)</sup>

See CSI section 01 74 19 00-0029 for hauling.

31 11 00 00-0015 CY Machine Loading Of Cleared And Grubbed Material .....	5.69	
31 11 00 00-0016 CY Chute Loading Of Cleared And Grubbed Material .....	6.84	
31 11 00 00-0017 CY Hand Loading Of Cleared And Grubbed Material .....	17.69	
31 11 00 00-0018 CY Wheel And Ramp Loading Of Cleared And Grubbed Material .....	13.89	

**31 13 Selective Tree And Shrub Removal And Trimming** <sup>(31 10)</sup>

**31 13 13 Selective Tree And Shrub Removal** <sup>(31 13)</sup>

**31 13 13 00-0001 Individual Tree Removal** <sup>(31 13 13)</sup>

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002 EA > 3" To 6" D.B.H. (Diameter At Breast Height) Tree Removal, Includes Cutting Up Tree, Chipping And Loading .....	302.02	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0003 EA >6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal .....	453.02	
Note: Includes cutting up tree, chipping and loading.		



<b>Earthwork</b>	<b>31</b>	<b>13</b>
Site Clearing	31 10	
Selective Tree And Shrub Removal And Trimming	31 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0004 EA >12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal ..... Note: Includes cutting up tree, chipping and loading.	604.03	
31 13 13 00-0005 EA >24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal ..... Note: Includes cutting up tree, chipping and loading.	906.05	
31 13 13 00-0006 EA >36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal ..... Note: Includes cutting up tree, chipping and loading.	1,208.06	
<b>31 13 13 00-0007 Stump Removal</b> <small>(31 13 13)</small> Note: Measured by diameter of stump.		
<b>31 13 13 00-0008 Stump Removal By Machine</b> <small>(31 13 13 00-0007)</small>		
31 13 13 00-0009 EA Up To 6" Diameter Stump Removal ..... Note: Includes excavation necessary to remove stump and loading.	53.61	
31 13 13 00-0010 EA >6" To 12" Diameter Stump Removal ..... Note: Includes excavation necessary to remove stump and loading.	102.75	
31 13 13 00-0011 EA >12" To 24" Diameter Stump Removal ..... Note: Includes excavation necessary to remove stump and loading.	134.03	
31 13 13 00-0012 EA >24" To 36" Diameter Stump Removal ..... Note: Includes excavation necessary to remove stump and loading.	201.04	
31 13 13 00-0013 EA >36" To 48" Diameter Stump Removal ..... Note: Includes excavation necessary to remove stump and loading.	236.80	
<b>31 13 13 00-0014 Stump Removal By Hand</b> <small>(31 13 13 00-0007)</small>		
31 13 13 00-0015 EA Up To 6" Diameter Stump Removal By Hand ..... Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	293.10	
31 13 13 00-0016 EA >6" To 12" Diameter Stump Removal By Hand ..... Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	366.37	
31 13 13 00-0017 EA >12" To 24" Diameter Stump Removal By Hand ..... Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	537.34	
31 13 13 00-0018 EA >24" To 36" Diameter Stump Removal By Hand ..... Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	732.74	
31 13 13 00-0019 EA >36" To 48" Diameter Stump Removal By Hand ..... Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	976.98	
<b>31 13 13 00-0020 Stump Grinding</b> <small>(31 13 13)</small> Note: Measured by diameter of stump.		
<b>31 13 13 00-0021 Stump Grinding, 18" Deep Below Surface Of Soil</b> <small>(31 13 13 00-0020)</small> Note: Level soil to match existing surface area.		
31 13 13 00-0022 EA Stump Grinding Up To 6" Tree ..... <i>For 24" Depth, Add</i>	53.39 10.68	
31 13 13 00-0023 EA Stump Grinding >6" To 12" Tree ..... <i>For 24" Depth, Add</i>	71.19 14.24	
31 13 13 00-0024 EA Stump Grinding >12" To 15" Tree ..... <i>For 24" Depth, Add</i>	80.09 16.02	
31 13 13 00-0025 EA Stump Grinding >15" To 18" Tree ..... <i>For 24" Depth, Add</i>	88.98 17.80	
31 13 13 00-0026 EA Stump Grinding >18" To 21" Tree ..... <i>For 24" Depth, Add</i>	95.67 19.13	
31 13 13 00-0027 EA Stump Grinding >21" To 24" Tree ..... <i>For 24" Depth, Add</i>	102.34 20.47	
31 13 13 00-0028 EA Stump Grinding >24" To 27" Tree ..... <i>For 24" Depth, Add</i>	111.24 22.25	
31 13 13 00-0029 EA Stump Grinding >27" To 30" Tree ..... <i>For 24" Depth, Add</i>	121.05 24.21	
31 13 13 00-0030 EA Stump Grinding >30" To 33" Tree ..... <i>For 24" Depth, Add</i>	134.50 26.90	
31 13 13 00-0031 EA Stump Grinding >33" To 36" Tree ..... <i>For 24" Depth, Add</i>	143.46 28.69	
31 13 13 00-0032 EA Stump Grinding >36" To 42" Tree ..... <i>For 24" Depth, Add</i>	161.40 32.28	
31 13 13 00-0033 EA Stump Grinding >42" To 48" Tree ..... <i>For 24" Depth, Add</i>	179.33 35.87	
<b>31 13 13 00-0034 Shrub Removal, Dig And Lace</b> <small>(31 13 13)</small>		
31 13 13 00-0035 EA Remove 18" To 24" Shrub, Broadleaf Evergreen .....	21.33	
31 13 13 00-0036 EA Remove 2' To 3' Shrub, Broadleaf Evergreen .....	33.44	
31 13 13 00-0037 EA Remove 3' To 4' Shrub, Broadleaf Evergreen .....	38.78	
31 13 13 00-0038 EA Remove 4' To 5' Shrub, Broadleaf Evergreen .....	58.16	
31 13 13 00-0039 EA Remove 12" To 15" Shrub, Deciduous .....	10.66	
31 13 13 00-0040 EA Remove 18" To 24" Shrub, Deciduous .....	16.48	
31 13 13 00-0041 EA Remove 2' To 3' Shrub, Deciduous .....	21.33	
31 13 13 00-0042 EA Remove 3' To 4' Shrub, Deciduous .....	23.26	
31 13 13 00-0043 EA Remove 18" To 24" Shrub, Evergreen .....	21.33	
31 13 13 00-0044 EA Remove 24" To 30" Shrub, Evergreen .....	23.26	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 10</b>	<b>Site Clearing</b>
	<b>31 13</b>	<b>Selective Tree And Shrub Removal And Trimming</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 13 13 00-0045	EA		Remove 30" To 36" Shrub, Evergreen.....	33.44	
31 13 13 00-0046	EA		Remove 36" To 42" Shrub, Evergreen.....	58.16	

**31 13 16 Selective Tree And Shrub Trimming** (31 13)

<b>31 13 16 00-0001</b>			<b>Tree Trimming For Pole Line Construction And Maintenance</b> <small>(31 13 16)</small> Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.		
31 13 16 00-0002	LF		Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction .....	0.94	
31 13 16 00-0003	LF		Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction .....	1.41	
31 13 16 00-0004	LF		Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction.....	1.66	

**31 20 Earth Moving** (31)

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

**31 23 Excavation And Fill** (31 20)

**31 23 16 Excavation** (31 23)

**31 23 16 13 Trenching** (31 23 16)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

<b>31 23 16 13-0001</b>			<b>Excavation For Trenching By Machine</b> <small>(31 23 16 13)</small> Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 13-0002	CY		12" Wide or Less, Excavation for Trenching by Machine in Soil .....	5.53	
			For Excavation In Light Material (Class A), Deduct	-0.69	
			For Excavation In Heavy/Wet Material (Class C), Add	2.21	
			For Up To 20, Add	4.42	
			For >20 To 50, Add	2.77	
			For >50 To 250, Add	1.38	
			For >500 To 1,000, Deduct	-0.83	
			For >1,000, Deduct	-1.66	
31 23 16 13-0003	CY		Over 12" Wide, Excavation for Trenching by Machine in Soil .....	3.85	
			For Excavation In Light Material (Class A), Deduct	-0.48	
			For Excavation In Heavy/Wet Material (Class C), Add	1.54	
			For Up To 20, Add	3.08	
			For >20 To 50, Add	1.93	
			For >50 To 250, Add	0.96	
			For >500 To 1,000, Deduct	-0.58	
			For >1,000, Deduct	-1.16	
31 23 16 13-0004	CY		12" Wide or Less, Excavation for Trenching by Machine in Loose Rock .....	9.15	
			For Up To 20, Add	7.32	
			For >20 To 50, Add	4.58	
			For >50 To 250, Add	2.29	
			For >500 To 1,000, Deduct	-1.37	
			For >1,000, Deduct	-2.75	
31 23 16 13-0005	CY		Over 12" Wide, Excavation for Trenching by Machine in Loose Rock .....	6.83	
			For Up To 20, Add	5.46	
			For >20 To 50, Add	3.42	
			For >50 To 250, Add	1.71	
			For >500 To 1,000, Deduct	-1.02	
			For >1,000, Deduct	-2.05	
<b>31 23 16 13-0006</b>			<b>Trim for Trenching by Hand</b> <small>(31 23 16 13)</small>		
31 23 16 13-0007	SF		Trim Bottom Of Excavation Hand Labor .....	0.45	
			Note: For use with machine excavation.		
31 23 16 13-0008	SF		Trim Slopes/Sides Of Excavation Hand Labor .....	0.53	
			Note: For use with machine excavation.		
<b>31 23 16 13-0009</b>			<b>Backfilling Or Placing Subbase For Trenches</b> <small>(31 23 16 13)</small> Note: With imported or stockpiled materials.		
31 23 16 13-0010	CY		Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine.....	1.88	
			For Up To 20, Add	1.50	
			For >20 To 50, Add	0.94	
			For >50 To 250, Add	0.47	
			For >500 To 1,000, Deduct	-0.28	
			For >1,000, Deduct	-0.56	
31 23 16 13-0011	CY		Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand.....	16.22	





<b>Earthwork</b>	<b>31</b>	<b>15</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Excavation And Fill</b>	<b>31 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>31 23 16 13-0012</b> <b>Compaction Of Fill Or Subbase For Trenches</b> <small>(31 23 16 13)</small> Note: Includes restoration of final grade.		
31 23 16 13-0013    CY    Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera.....	3.42	
For Up To 20, Add	2.74	
For >20 To 50, Add	1.71	
For >50 To 250, Add	0.86	
For >500 To 1,000, Deduct	-0.51	
For >1,000, Deduct	-1.03	
31 23 16 13-0014    CY    Compaction of Fill or Subbase for Trenches by Hand .....	18.29	
<b>31 23 16 13-0015</b> <b>Loading Excess Material For Removal From Excavation For Trenches</b> <small>(31 23 16 13)</small> <sup>13)</sup> Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
31 23 16 13-0016    CY    Load Excess Material by Machine for Removal from Excavation for Trenching .....	3.27	
For Up To 20, Add	2.62	
For >20 To 50, Add	1.64	
For >50 To 250, Add	0.82	
For >500 To 1,000, Deduct	-0.49	
For >1,000, Deduct	-0.98	
31 23 16 13-0017    CY    Load Excess Material by Hand for Removal from Excavation for Trenching .....	42.81	
<b>31 23 16 13-0018</b> <b>Spread Excess Or Imported Material For Trenches</b> <small>(31 23 16 13)</small> Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0019    CY    Spread Excess Or Imported Material On Site With Machine .....	1.54	
For Up To 20, Add	1.23	
For >20 To 50, Add	0.77	
For >50 To 250, Add	0.39	
For >500 To 1,000, Deduct	-0.23	
For >1,000, Deduct	-0.46	
<b>31 23 16 13-0020</b> <b>Direct Burial (Plowed-in) Cable Or Piping By Machine</b> <small>(31 23 16 13)</small> Note: Includes trench, backfill, compaction and restoration of final grade.		
31 23 16 13-0021    LF    Direct Burial of Cable or Piping up to 12" Deep .....	1.22	
31 23 16 13-0022    LF    Direct Burial of Cable or Piping >12" to 24" Deep .....	1.34	
31 23 16 13-0023    LF    Direct Burial of Cable or Piping >24" to 36" Deep .....	1.91	
31 23 16 13-0024    LF    Direct Burial of Cable or Piping >36" to 48" Deep .....	2.15	
<b>31 23 16 13-0025</b> <b>Direct Burial (Trenching) Of Wire Or Cable</b> <small>(31 23 16 13)</small> Note: Includes excavation, compaction and backfill, trenching only. Excludes any material or labor cost for conduit or cable. See CSI section 26 05 19 16-0011 for wire data, 26 05 33 13-0040 for conduit data.		
<b>31 23 16 26</b> <b>Rock Removal</b> <small>(31 23 16)</small>		
<b>31 23 16 26-0001</b> <b>Rock Breaking By Blasting</b> <small>(31 23 16 26)</small> Note: Includes drilling into rock, charge, blast mats, safety personnel, safety signs, etc. Add for loading and hauling.		
31 23 16 26-0002    BCY    Break Rock By Blasting .....	37.05	
<b>31 23 16 26-0003</b> <b>Rock Breaking By Jack Hammer</b> <small>(31 23 16 26)</small> Note: Excludes excavation of broken-up rock.		
31 23 16 26-0004    CY    Break Rock With Jack Hammer, Soft Sedimentary Rocks (Shale, Sandstone, Limestone).....	24.93	
31 23 16 26-0005    CY    Break Rock With Jack Hammer, Medium Metamorphic Rock (Slate) .....	31.16	
31 23 16 26-0006    CY    Break Rock With Jack Hammer, Hard Igneous Rock (Granite, Basalt) .....	38.96	
<b>31 23 16 26-0007</b> <b>Rock Breaking By Machine</b> <small>(31 23 16 26)</small> Note: Excludes excavation of broken-up rock.		
31 23 16 26-0008    CY    Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone) .....	16.04	
31 23 16 26-0009    CY    Rock Breaking By Machine, Medium Metamorphic Rock (Slate).....	17.11	
31 23 16 26-0010    CY    Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt) .....	20.32	
<b>31 23 16 33</b> <b>Bulk Excavation</b> <small>(31 23 16)</small> Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material.		
<b>31 23 16 33-0001</b> <b>Excavation</b> <small>(31 23 16 33)</small> Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.		
31 23 16 33-0002    CY    Bulk Excavation by Dozer in Soil .....	4.83	
For Excavation In Light Material (Class A), Deduct	-0.60	
For Excavation In Heavy/Wet Material (Class C), Add	1.93	
For >1,000, Deduct	-0.72	
31 23 16 33-0003    CY    Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil .....	3.10	
For Excavation In Light Material (Class A), Deduct	-0.39	
For Excavation In Heavy/Wet Material (Class C), Add	1.24	
For >1,000, Deduct	-0.47	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 23</b>	<b>Excavation And Fill</b>



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock .....	5.94	
		<i>For &gt;1,000, Deduct</i>	-0.89	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock.....	3.82	
		<i>For &gt;1,000, Deduct</i>	-0.57	
<b>31 23 16 33-0006</b>		<b>Spreading, Shaping And Rough Grading</b> <small>(31 23 16 33)</small>		
		Note: Imported or stockpiled material for bulk excavation.		
31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine.....	2.98	
		<i>For &gt;1,000, Deduct</i>	-0.45	
<b>31 23 16 33-0008</b>		<b>Cutting, Shaping and Rough Grading Of Existing Elevations</b> <small>(31 23 16 33)</small>		
		Note: For bulk excavation.		
31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine .....	3.31	
		<i>For &gt;1,000, Deduct</i>	-0.50	
<b>31 23 16 33-0010</b>		<b>Relocating On Site Excavated Material From Excavation</b> <small>(31 23 16 33)</small>		
		Note: For bulk excavation.		
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'.....	2.65	
		<i>For &gt;1,000, Deduct</i>	-0.40	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'.....	3.98	
		<i>For &gt;1,000, Deduct</i>	-0.60	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000' .....	5.96	
		<i>For &gt;1,000, Deduct</i>	-0.89	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000' .....	7.95	
		<i>For &gt;1,000, Deduct</i>	-1.19	
<b>31 23 16 33-0015</b>		<b>Finish Grading</b> <small>(31 23 16 33)</small>		
		Note: For bulk excavation.		
31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine.....	0.33	
<b>31 23 16 33-0017</b>		<b>Compaction Of Fill Or Subbase, Per Lift</b> <small>(31 23 16 33)</small>		
		Note: For bulk excavation.		
31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine .....	0.33	
		Note: Per Lift		
<b>31 23 16 33-0019</b>		<b>Loading Excess Material For Removal From Excavation</b> <small>(31 23 16 33)</small>		
		Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation.....	3.04	
		<i>For &gt;1,000, Deduct</i>	-0.46	
<b>31 23 16 36</b>		<b>Excavation For Building Foundations And Other Structures</b> <small>(31 23 16)</small>		
		Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
<b>31 23 16 36-0001</b>		<b>Excavation</b> <small>(31 23 16 36)</small>		
		Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.		
<b>31 23 16 36-0002</b>		<b>Excavation For Building Foundations And Around Water, Sewer, Or Storm Structures By Bobcat</b> <small>(31 23 16 36-0001)</small>		
31 23 16 36-0003	CY	Excavation By Bobcat in Soil .....	4.39	
		Note: For building foundations and around water, sewer, or storm structures.		
		<i>For Excavation In Light Material (Class A), Deduct</i>	-0.55	
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	1.76	
		<i>For Up To 20, Add</i>	4.39	
		<i>For &gt;20 To 50, Add</i>	3.29	
		<i>For &gt;50 To 250, Add</i>	1.76	
		<i>For &gt;250 To 500, Add</i>	0.66	
31 23 16 36-0004	CY	Excavation By Bobcat in Loose Rock .....	5.41	
		Note: For building foundations and around water, sewer, or storm structures.		
		<i>For Up To 20, Add</i>	5.41	
		<i>For &gt;20 To 50, Add</i>	4.06	
		<i>For &gt;50 To 250, Add</i>	2.16	
		<i>For &gt;250 To 500, Add</i>	0.81	
<b>31 23 16 36-0005</b>		<b>Excavation For Building Foundations And Around Water, Sewer, Or Storm Structures By Hydraulic Excavator, Backhoe, Loader</b> <small>(31 23 16 36-0001)</small>		
31 23 16 36-0006	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Soil.....	3.73	
		Note: For building foundations and around water, sewer, or storm structures.		
		<i>For Excavation In Light Material (Class A), Deduct</i>	-0.47	
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	1.49	
		<i>For Up To 20, Add</i>	3.73	
		<i>For &gt;20 To 50, Add</i>	2.80	
		<i>For &gt;50 To 250, Add</i>	1.49	
		<i>For &gt;250 To 500, Add</i>	0.56	



<b>Earthwork</b>	<b>31</b>	<b>15</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Excavation And Fill</b>	<b>31 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0007 CY Excavation By Hydraulic Excavator, Backhoe, Loader in Loose Rock.....	4.44	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	4.44	
For >20 To 50, Add	3.33	
For >50 To 250, Add	1.78	
For >250 To 500, Add	0.67	
<b>31 23 16 36-0008 Excavation For Building Foundations And Around Water, Sewer, Or Storm Structures By Hand</b> <small>(31 23 16 36-0001)</small>		
Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009 CY Excavation By Hand In Soil.....	58.37	
Note: For building foundations and around water, sewer, or storm structures.		
For Excavation In Light Material (Class A), Deduct	-7.30	
For Excavation In Heavy/Wet Material (Class C), Add	23.35	
31 23 16 36-0010 CY Excavation By Hand In Loose Rock.....	100.14	
Note: For building foundations and around water, sewer, or storm structures.		
<b>31 23 16 36-0011 Relocating On Site Excavated Material From Excavation</b> <small>(31 23 16 36)</small>		
Note: For building foundations and around water, sewer, or storm structures over 100'.		
31 23 16 36-0012 CY Relocating On Site Excavated Material From Excavation Over 100' to 300'.....	2.65	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	2.65	
For >20 To 50, Add	1.99	
For >50 To 250, Add	1.06	
For >250 To 500, Add	0.40	
31 23 16 36-0013 CY Relocating On Site Excavated Material From Excavation Over 300' to 500'.....	3.98	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	3.98	
For >20 To 50, Add	2.99	
For >50 To 250, Add	1.59	
For >250 To 500, Add	0.60	
31 23 16 36-0014 CY Relocating On Site Excavated Material From Excavation Over 500' to 1000'.....	5.96	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	5.96	
For >20 To 50, Add	4.47	
For >50 To 250, Add	2.38	
For >250 To 500, Add	0.89	
31 23 16 36-0015 CY Relocating On Site Excavated Material From Excavation Over 1000'.....	7.95	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	7.95	
For >20 To 50, Add	5.96	
For >50 To 250, Add	3.18	
For >250 To 500, Add	1.19	
<b>31 23 16 36-0016 Backfilling</b> <small>(31 23 16 36)</small>		
Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017 CY Backfilling by Bobcat.....	2.15	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	2.15	
For >20 To 50, Add	1.61	
For >50 To 250, Add	0.86	
For >250 To 500, Add	0.32	
31 23 16 36-0018 CY Backfilling by Hydraulic Excavator, Backhoe, Loader.....	2.89	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	2.89	
For >20 To 50, Add	2.17	
For >50 To 250, Add	1.16	
For >250 To 500, Add	0.43	
31 23 16 36-0019 CY Backfilling by Hand.....	27.80	
Note: For building foundations and around water, sewer, or storm structures.		
<b>31 23 16 36-0020 Compaction Of Fill Or Subbase</b> <small>(31 23 16 36)</small>		
Note: For building foundations and other structures.		
31 23 16 36-0021 CY Compaction Of Fill Or Subbase by Vibratory Plate, Air Tamper,etc.....	5.40	
Note: For building foundations and around water, sewer, or storm structures.		
For Up To 20, Add	5.40	
For >20 To 50, Add	4.05	
For >50 To 250, Add	2.16	
For >250 To 500, Add	0.81	
31 23 16 36-0022 CY Compaction Of Fill Or Subbase by Hand.....	18.29	
Note: For building foundations and around water, sewer, or storm structures.		
<b>31 23 16 36-0023 Grading</b> <small>(31 23 16 36)</small>		
Note: For building foundations and other structures.		
31 23 16 36-0024 SY Rough Grading by Machine.....	0.57	
Note: For building foundations and around water, sewer, or storm structures.		
31 23 16 36-0025 SY Finish Grading by Machine.....	0.92	
Note: For building foundations and around water, sewer, or storm structures.		
31 23 16 36-0026 SY Finish Grading by Hand.....	5.41	
Note: For building foundations and around water, sewer, or storm structures.		

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 23</b>	<b>Excavation And Fill</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 23 16 36-0027	<b>Loading Excess Material For Removal From Excavation</b> <small>(31 23 16 36)</small> Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.	
31 23 16 36-0028	CY Load Excess Material by Machine ..... Note: For building foundations and around water, sewer, or storm structures.	3.17
	<i>For Up To 20, Add</i>	3.17
	<i>For &gt;20 To 50, Add</i>	2.38
	<i>For &gt;50 To 250, Add</i>	1.27
	<i>For &gt;250 To 500, Add</i>	0.48
31 23 16 36-0029	CY Load Excess Material For Removal by Hand ..... Note: For building foundations and around water, sewer, or storm structures.	42.81

31 23 16 36-0030	<b>Spread Material</b> <small>(31 23 16 36)</small> Note: For building foundations and other structures.	
31 23 16 36-0031	CY Spread Excess Or Imported Material On Site By Machine ..... Note: For building foundations and around water, sewer, or storm structures.	1.54
	<i>For Up To 20, Add</i>	1.54
	<i>For &gt;20 To 50, Add</i>	1.16
	<i>For &gt;50 To 250, Add</i>	0.62
	<i>For &gt;250 To 500, Add</i>	0.23
31 23 16 36-0032	CY Spread Excess Or Imported Material On Site By Hand ..... Note: For building foundations and around water, sewer, or storm structures.	23.63

**31 23 19 Dewatering** (31 23)

31 23 19 00-0001	<b>Well Point Dewatering System</b> <small>(31 23 19)</small>	
31 23 19 00-0002	<b>Delivery, Installation And Removal Cost</b> <small>(31 23 19 00-0001)</small> Note: Priced by linear foot of header used.	
31 23 19 00-0003	LF Up To 100' In Length Well Point System Delivery, Installation And Removal .....	60.58
31 23 19 00-0004	LF >100' To 250' In Length Well Point System Delivery, Installation And Removal .....	33.32
31 23 19 00-0005	LF >250' To 500' In Length Well Point System Delivery, Installation And Removal .....	30.29
31 23 19 00-0006	LF >500' To 1,000' In Length Well Point System Delivery, Installation And Removal .....	27.27
31 23 19 00-0007	LF >1,000' In Length Well Point System Delivery, Installation And Removal .....	24.23
31 23 19 00-0008	LF >1,000' In Length Well Point System Delivery, Installation And Removal .....	21.20

31 23 19 00-0009	<b>Well Point Dewatering System Rental</b> <small>(31 23 19 00-0001)</small> Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.	
31 23 19 00-0010	LFD Up To 100' In Length Well Point System Rental (LF x Days = Quantity) ..... <i>For &gt;5 Days And &lt;1 Month, Deduct</i> <i>For &gt;1 Month, Deduct</i>	1.10 -0.24 -0.31
31 23 19 00-0011	LFD >100' To 250' In Length Well Point System Rental (LF x Days = Quantity) ..... <i>For &gt;5 Days And &lt;1 Month, Deduct</i> <i>For &gt;1 Month, Deduct</i>	0.64 -0.14 -0.18
31 23 19 00-0012	LFD >250' To 500' In Length Well Point System Rental (LF x Days = Quantity) ..... <i>For &gt;5 Days And &lt;1 Month, Deduct</i> <i>For &gt;1 Month, Deduct</i>	0.46 -0.10 -0.13
31 23 19 00-0013	LFD >500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity) ..... <i>For &gt;5 Days And &lt;1 Month, Deduct</i> <i>For &gt;1 Month, Deduct</i>	0.34 -0.07 -0.10
31 23 19 00-0014	LFD >1,000' In Length Well Point System Rental (LF x Days = Quantity) ..... <i>For &gt;5 Days And &lt;1 Month, Deduct</i> <i>For &gt;1 Month, Deduct</i>	0.31 -0.07 -0.09

31 23 19 00-0015	<b>Well Point Dewatering System Operation Costs</b> <small>(31 23 19 00-0001)</small> Note: The quantity for operation shall be the total number of hours the well point system is operational.	
31 23 19 00-0016	HR Operation Costs .....	68.67

**31 23 23 Fill** (31 23)

**31 23 23 23 Compaction** (31 23 23)

31 23 23 23-0001	<b>Compaction Water, Water Truck And Operator</b> <small>(31 23 23 23)</small>	
31 23 23 23-0002	MGL Compaction Water, Water Truck And Operator ..... Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1057 for water truck when water is available on site.	97.96

**31 23 23 33 Flowable Fill** (31 23 23)



<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Excavation And Fill</b>	<b>31 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>31 23 23 33-0001</b> <b>Flowable Cement Backfill For Trenches</b> <small>(31 23 23 33)</small> Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002 CY Flowable Cement Backfill for Trenches .....	78.50	
For Up To 20, Add	30.26	
For >20 To 50, Add	19.72	
For >50 To 250, Add	9.86	
For >500 To 1,000, Deduct	-5.27	
For >1,000, Deduct	-10.53	
<b>31 24 Embankments</b> <small>(31 20)</small>		
<b>31 24 13 Roadway Embankments</b> <small>(31 24)</small>		
<b>31 24 13 00-0001</b> <b>Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations</b> <small>(31 24 13)</small> Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.		
<b>31 24 13 00-0002</b> <b>Cutting, Shaping And Rough Grading</b> <small>(31 24 13 00-0001)</small> Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
<b>31 24 13 00-0003</b> <b>Cutting, Shaping, And Rough Grading By Machine</b> <small>(31 24 13 00-0002)</small>		
31 24 13 00-0004 CY Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil .....	3.31	
For Up To 20, Add	3.31	
For >20 To 50, Add	2.48	
For >50 To 250, Add	1.32	
For >250 To 500, Add	0.50	
For >1,000, Deduct	-0.50	
31 24 13 00-0005 CY Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock .....	4.11	
For Up To 20, Add	4.11	
For >20 To 50, Add	3.08	
For >50 To 250, Add	1.64	
For >250 To 500, Add	0.62	
For >1,000, Deduct	-0.62	
<b>31 24 13 00-0006</b> <b>Cutting, Shaping, And Rough Grading By Hand</b> <small>(31 24 13 00-0002)</small>		
31 24 13 00-0007 SY Shape Embankment/Slope By Hand Up To 1 On 4 Slope .....	3.00	
31 24 13 00-0008 SY Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope .....	3.89	
<b>31 24 13 00-0009</b> <b>Scarify Soil</b> <small>(31 24 13 00-0001)</small> Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010 CSF Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine .....	3.07	
For Up To 20, Add	1.54	
For >20 To 50, Add	0.77	
For >250 To 500, Deduct	-0.31	
For >500, Deduct	-0.61	
<b>31 24 13 00-0011</b> <b>Relocating On Site Excavated Material</b> <small>(31 24 13 00-0001)</small>		
31 24 13 00-0012 CY >500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments .....	5.96	
For Up To 20, Add	5.96	
For >20 To 50, Add	4.47	
For >50 To 250, Add	2.38	
For >250 To 500, Add	0.89	
For >1,000, Deduct	-0.89	
31 24 13 00-0013 CY >1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments .....	7.95	
For Up To 20, Add	7.95	
For >20 To 50, Add	5.96	
For >50 To 250, Add	3.18	
For >250 To 500, Add	1.19	
For >1,000, Deduct	-1.19	
<b>31 24 13 00-0014</b> <b>Spread And Shape Imported Or Stockpiled Material</b> <small>(31 24 13 00-0001)</small> Note: For roadways, parking areas, landscaping and embankments.		
31 24 13 00-0015 CY Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments .....	3.64	
For Up To 20, Add	3.64	
For >20 To 50, Add	2.73	
For >50 To 250, Add	1.46	
For >250 To 500, Add	0.55	
For >1,000, Deduct	-0.55	
<b>31 24 13 00-0016</b> <b>Grading</b> <small>(31 24 13 00-0001)</small> Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0017 SY Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine .....	0.38	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 24</b>	<b>Embankments</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine .....		0.50	
31 24 13 00-0019	LF	Finish Grade For Curb .....		0.56	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter .....		0.69	
<b>31 24 13 00-0021</b>		<b>Compaction Of Fill Or Subbase</b> <small>(31 24 13 00-0001)</small>			
		Note: For roadways, parking areas, landscaping and embankments by machine, per lift.			
31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift.....		0.33	
		For Up To 250, Add		0.33	
		For >250 To 500, Add		0.25	
		For >500 To 1,000, Add		0.13	
		For >5,000, Deduct		-0.05	
<b>31 24 13 00-0023</b>		<b>Loading Excess Material For Removal From Excavation</b> <small>(31 24 13 00-0001)</small>			
		Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.			
31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine .....		3.04	
		For Up To 20, Add		3.04	
		For >20 To 50, Add		2.28	
		For >50 To 250, Add		1.22	
		For >250 To 500, Add		0.46	
		For >1,000, Deduct		-0.46	
<b>31 25</b>		<b>Erosion And Sedimentation Controls</b> <small>(31 20)</small>			
<b>31 25 14</b>		<b>Stabilization Measures For Erosion And Sedimentation Control</b> <small>(31 25)</small>			
<b>31 25 14 23</b>		<b>Stabilization Measures For Erosion Control</b> <small>(31 25 14)</small>			
		Note: Includes all erosion control blankets and turf reinforcement mats staples or stakes. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.			
<b>31 25 14 23-0001</b>		<b>Cable Articulating Concrete Block</b> <small>(31 25 14 23)</small>			
		Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable and fill. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor.			
31 25 14 23-0002	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill.....		20.73	
		For Gravel Fill, Add		0.45	
		For Up To 500, Add		4.65	
		For >500 To 1,000, Add		2.57	
31 25 14 23-0003	SF	6" Open Cell Articulated Concrete Block With Earth Backfill.....		23.79	
		For Gravel Fill, Add		0.51	
		For Up To 500, Add		5.30	
		For >500 To 1,000, Add		2.92	
31 25 14 23-0004	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill.....		27.28	
		For Gravel Fill, Add		0.58	
		For Up To 500, Add		6.06	
		For >500 To 1,000, Add		3.33	
31 25 14 23-0005	SF	9" Open Cell Articulated Concrete Block With Earth Backfill.....		30.78	
		For Gravel Fill, Add		0.66	
		For Up To 500, Add		6.82	
		For >500 To 1,000, Add		3.74	
31 25 14 23-0006	SF	4.75" Closed Cell Articulated Concrete Block.....		22.35	
		For Up To 500, Add		4.97	
		For >500 To 1,000, Add		2.73	
31 25 14 23-0007	SF	6" Closed Cell Articulated Concrete Block .....		25.72	
		For Up To 500, Add		5.69	
		For >500 To 1,000, Add		3.12	
31 25 14 23-0008	SF	7.5" Closed Cell Articulated Concrete Block.....		29.57	
		For Up To 500, Add		6.51	
		For >500 To 1,000, Add		3.56	
31 25 14 23-0009	SF	9" Closed Cell Articulated Concrete Block .....		33.40	
		For Up To 500, Add		7.35	
		For >500 To 1,000, Add		4.01	
<b>31 25 14 26</b>		<b>Stabilization Measures For Sedimentation Control</b> <small>(31 25 14)</small>			
<b>31 25 14 26-0001</b>		<b>Silt Fences And Dike Barriers</b> <small>(31 25 14 26)</small>			
		Note: Includes stakes and embedding.			
<b>31 25 14 26-0002</b>		<b>Silt Fences 2' High</b> <small>(31 25 14 26-0001)</small>			
31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center.....		1.47	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center.....		1.15	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center.....		0.83	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center.....		0.73	
<b>31 25 14 26-0007</b>		<b>Silt Fences 3' High</b> <small>(31 25 14 26-0001)</small>			
31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center.....		1.37	
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center.....		1.20	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center.....		0.76	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center.....		0.77	



<b>Earthwork</b>	<b>31</b>	<b>15</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Erosion And Sedimentation Controls</b>	<b>31 25</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>31 25 14 26-0012</b> Silt Fences Removal <small>(31 25 14 26-0001)</small>		
31 25 14 26-0013 LF Remove Silt Fence And Stakes .....	0.39	
<b>31 25 14 26-0014</b> Hay And Straw Bales <small>(31 25 14 26)</small>		
Note: Includes stakes.		
31 25 14 26-0015 LF Place Sterlized Straw Bales.....	1.87	
Note: Includes securing in ground with stakes.		
31 25 14 26-0016 LF Place Hay Bales .....	1.78	
Note: Includes securing in ground with stakes.		
<b>31 30 Earthwork Methods</b> <small>(31)</small>		
<b>31 31 Soil Treatment</b> <small>(31 30)</small>		
<b>31 31 16 Termite Control</b> <small>(31 31)</small>		
<b>31 31 16 13 Chemical Termite Control</b> <small>(31 31 16)</small>		
<b>31 31 16 13-0001 Commercial Use</b> <small>(31 31 16 13)</small>		
31 31 16 13-0002 SF Termite Pretreatment, Commercial Soil Poisoning Under Slab .....	0.61	
31 31 16 13-0003 SF Termite Pretreatment, Commercial Slab And Walls.....	0.61	
<b>31 31 16 13-0004 Residential Use</b> <small>(31 31 16 13)</small>		
31 31 16 13-0005 SF Termite Pretreatment, Residential General Spraying Walls And Slab .....	0.48	
31 31 16 13-0006 SF Termite Treatment, Existing Residential Structure.....	0.63	
<b>31 31 19 Vegetation Control</b> <small>(31 31)</small>		
<b>31 31 19 13 Chemical Vegetation Control</b> <small>(31 31 19)</small>		
<b>31 31 19 13-0001 Soil Sterilants</b> <small>(31 31 19 13)</small>		
31 31 19 13-0002 MSF Soil Sterilant.....	15.63	
Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
For >45 To 90, Deduct	-0.20	
For >90 To 225, Deduct	-1.19	
For >225, Deduct	-1.59	
<b>31 32 Soil Stabilization</b> <small>(31 30)</small>		
<b>31 32 13 Soil Mixing Stabilization</b> <small>(31 32)</small>		
<b>31 32 13 16 Cement Soil Stabilization</b> <small>(31 32 13)</small>		
<b>31 32 13 16-0001 Cementitious Soil Binder</b> <small>(31 32 13 16)</small>		
31 32 13 16-0002 CY Cementitious Soil Binder, 4% Cement Mix By Volume .....	20.20	
31 32 13 16-0003 CY Cementitious Soil Binder, 6% Cement Mix By Volume .....	23.76	
31 32 13 16-0004 CY Cementitious Soil Binder, 9% Cement Mix By Volume .....	29.61	
31 32 13 16-0005 CY Cementitious Soil Binder, 12% Cement Mix By Volume .....	35.38	
<b>31 32 13 19 Lime Soil Stabilization</b> <small>(31 32 13)</small>		
Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
<b>31 32 13 19-0001 Lime Slurry</b> <small>(31 32 13 19)</small>		
31 32 13 19-0002 LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume .....	16.35	
31 32 13 19-0003 TON Cement Stabilized Base Material .....	56.05	
31 32 13 19-0004 CWT Lime For Soil Stabilization .....	8.95	
Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005 LCY Roller, Grader - Lime Stabilization .....	9.53	
31 32 13 19-0006 LCY Roller, Grader - Cement Stabilization .....	2.04	
<b>31 32 13 19-0007 Lime Stabilized Subgrade</b> <small>(31 32 13 19)</small>		
Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).		
31 32 13 19-0008 SY 6" Thick Lime Stabilized Subgrade, 25 LB.....	5.60	
For 4% Lime Instead Of 5%, Deduct	-0.16	
For 6% Lime Instead Of 5%, Add	0.16	
31 32 13 19-0009 SY 7" Thick Lime Stabilized Subgrade, 29 LB.....	6.50	
For 4% Lime Instead Of 5%, Deduct	-0.18	
For 6% Lime Instead Of 5%, Add	0.18	
31 32 13 19-0010 SY 8" Thick Lime Stabilized Subgrade, 33 LB.....	7.43	
For 4% Lime Instead Of 5%, Deduct	-0.21	
For 6% Lime Instead Of 5%, Add	0.21	

<b>31</b>	<b>31 Earthwork</b>
	<b>31 30 Earthwork Methods</b>
	<b>31 32 Soil Stabilization</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**31 32 13 29 Liquid Soil Stabilization** (31 32 13)

31 32 13 29-0001	GAL Polyacrylamide And Calcium Solution .....	1.58
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**31 32 19 Geosynthetic Soil Stabilization And Layer Separation** (31 32)

**31 32 19 13 Geogrid Soil Stabilization** (31 32 19)

**31 32 19 13-0001 Geogrid Fabrics** (31 32 19 13)

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY 5.3 Oz/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150).....	2.10
	For Up To 50, Add	0.47
	For >50 To 150, Add	0.35
	For >150 To 250, Add	0.23
	For >250 To 500, Add	0.11
31 32 19 13-0003	SY 6.9 Oz/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300).....	2.39
	For Up To 50, Add	0.53
	For >50 To 150, Add	0.39
	For >150 To 250, Add	0.26
	For >250 To 500, Add	0.13
31 32 19 13-0004	SY 8.7 Oz/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500).....	2.61
	For Up To 50, Add	0.58
	For >50 To 150, Add	0.43
	For >150 To 250, Add	0.28
	For >250 To 500, Add	0.14
31 32 19 13-0005	SY 12.6 Oz/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800).....	3.76
	For Up To 50, Add	0.81
	For >50 To 150, Add	0.60
	For >150 To 250, Add	0.40
	For >250 To 500, Add	0.20
31 32 19 13-0006	SY 14.1 Oz/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000).....	4.30
	For Up To 50, Add	0.92
	For >50 To 150, Add	0.69
	For >150 To 250, Add	0.45
	For >250 To 500, Add	0.23
31 32 19 13-0007	SY 4.3 Oz/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20) .....	2.13
	For Up To 50, Add	0.47
	For >50 To 150, Add	0.35
	For >150 To 250, Add	0.23
	For >250 To 500, Add	0.11
31 32 19 13-0008	SY 5.9 Oz/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30) .....	3.13
	For Up To 50, Add	0.67
	For >50 To 150, Add	0.50
	For >150 To 250, Add	0.33
	For >250 To 500, Add	0.16

**31 32 19 16 Geotextile Soil Stabilization** (31 32 19)

**31 32 19 16-0001 Nonwoven Polypropylene Geotextiles** (31 32 19 16)

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY 3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS).....	0.65
	For Up To 50, Add	0.15
	For >50 To 150, Add	0.11
	For >150 To 250, Add	0.07
	For >250 To 500, Add	0.04
31 32 19 16-0003	SY 3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS).....	0.70
	For Up To 50, Add	0.16
	For >50 To 150, Add	0.12
	For >150 To 250, Add	0.08
	For >250 To 500, Add	0.04
31 32 19 16-0004	SY 4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS).....	0.76
	For Up To 50, Add	0.17
	For >50 To 150, Add	0.13
	For >150 To 250, Add	0.08
	For >250 To 500, Add	0.04
31 32 19 16-0005	SY 4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS).....	0.81
	For Up To 50, Add	0.18
	For >50 To 150, Add	0.13
	For >150 To 250, Add	0.09
	For >250 To 500, Add	0.04
31 32 19 16-0006	SY 6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS).....	0.96
	For Up To 50, Add	0.21
	For >50 To 150, Add	0.16
	For >150 To 250, Add	0.10
	For >250 To 500, Add	0.05





<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Earthwork Methods</b>	<b>31 30</b>	
<b>Soil Stabilization</b>	<b>31 32</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0007 SY 7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS).....	1.14	
For Up To 50, Add	0.25	
For >50 To 150, Add	0.19	
For >150 To 250, Add	0.12	
For >250 To 500, Add	0.06	
31 32 19 16-0008 SY 8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS).....	1.25	
For Up To 50, Add	0.27	
For >50 To 150, Add	0.20	
For >150 To 250, Add	0.13	
For >250 To 500, Add	0.07	
31 32 19 16-0009 SY 10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS).....	1.54	
For Up To 50, Add	0.33	
For >50 To 150, Add	0.25	
For >150 To 250, Add	0.16	
For >250 To 500, Add	0.08	
<b>31 32 19 16-0010 Woven Geotextiles Fabric (31 32 19 16)</b>		
31 32 19 16-0011 SY 200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55).....	0.94	
For Up To 50, Add	0.21	
For >50 To 150, Add	0.15	
For >150 To 250, Add	0.10	
For >250 To 500, Add	0.05	
31 32 19 16-0012 SY 315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66).....	1.32	
For Up To 50, Add	0.28	
For >50 To 150, Add	0.21	
For >150 To 250, Add	0.14	
For >250 To 500, Add	0.07	
31 32 19 16-0013 SY 4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%).....	2.34	
For Up To 50, Add	0.49	
For >50 To 150, Add	0.37	
For >150 To 250, Add	0.24	
For >250 To 500, Add	0.12	
31 32 19 16-0014 SY 11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%).....	2.28	
For Up To 50, Add	0.48	
For >50 To 150, Add	0.36	
For >150 To 250, Add	0.24	
For >250 To 500, Add	0.12	
31 32 19 16-0015 SY 6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF).....	1.99	
For Up To 50, Add	0.42	
For >50 To 150, Add	0.31	
For >150 To 250, Add	0.21	
For >250 To 500, Add	0.10	
31 32 19 16-0016 SY 9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF).....	2.13	
For Up To 50, Add	0.45	
For >50 To 150, Add	0.34	
For >150 To 250, Add	0.22	
For >250 To 500, Add	0.11	
31 32 19 16-0017 SY 12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF).....	2.72	
For Up To 50, Add	0.57	
For >50 To 150, Add	0.42	
For >150 To 250, Add	0.28	
For >250 To 500, Add	0.14	
31 32 19 16-0018 SY 12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF).....	3.88	
For Up To 50, Add	0.80	
For >50 To 150, Add	0.60	
For >150 To 250, Add	0.40	
For >250 To 500, Add	0.20	
<b>31 32 19 16-0019 Geomembranes (31 32 19 16)</b>		
<b>31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane (31 32 19 16-0019)</b>		
31 32 19 16-0021 SF 20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	0.69	
31 32 19 16-0022 SF 30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	0.80	
31 32 19 16-0023 SF 40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	0.98	
31 32 19 16-0024 SF 50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.18	
31 32 19 16-0025 SF 60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.36	
31 32 19 16-0026 SF 70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.48	
31 32 19 16-0027 SF 80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.62	
31 32 19 16-0028 SF 90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.79	
31 32 19 16-0029 SF 100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.96	
<b>31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane (31 32 19 16-0019)</b>		
31 32 19 16-0031 SF 20 Mil High Density Polyethylene Membrane (US Fabrics).....	0.47	
31 32 19 16-0032 SF 30 Mil High Density Polyethylene Membrane (US Fabrics).....	0.67	
31 32 19 16-0033 SF 40 Mil High Density Polyethylene Membrane (US Fabrics).....	0.80	
31 32 19 16-0034 SF 50 Mil High Density Polyethylene Membrane (US Fabrics).....	1.39	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 30</b>	<b>Earthwork Methods</b>
	<b>31 32</b>	<b>Soil Stabilization</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0035 SF 60 Mil High Density Polyethylene Membrane (US Fabrics) .....	1.05	
31 32 19 16-0036 SF 80 Mil High Density Polyethylene Membrane (US Fabrics) .....	1.33	
31 32 19 16-0037 SF 100 Mil High Density Polyethylene Membrane (US Fabrics) .....	1.60	
31 32 19 16-0038 SF 120 Mil High Density Polyethylene Membrane (US Fabrics) .....	2.98	
31 32 19 16-0039 SF 140 Mil High Density Polyethylene Membrane (US Fabrics) .....	3.09	
<b>31 32 19 23 Geotextile Layer Separation</b> <small>(31 32 19)</small>		
31 32 19 23-0001 Polyethylene Plastic Sheeting Barrier <small>(31 32 19 23)</small>		
31 32 19 23-0002 SY 8 Mil Polyethylene Plastic Sheeting Barrier .....	0.58	
<b>31 32 19 26 Geoweb Cellular Confinement System</b> <small>(31 32 19)</small>		
Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 32 19 26-0001 Geoweb Cellular Confinement System <small>(31 32 19 26)</small>		
Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 32 19 26-0002 SF 4" Geoweb Cellular Confinement System (Presto Geosystems) .....	3.21	
For >20,000, Deduct	-0.08	
For >2:1 Slope, Add	0.56	
31 32 19 26-0003 SF 6" Geoweb Cellular Confinement System (Presto Geosystems) .....	3.89	
For >20,000, Deduct	-0.11	
For >2:1 Slope, Add	0.56	
31 32 19 26-0004 SF 8" Geoweb Cellular Confinement System (Presto Geosystems) .....	4.70	
For >20,000, Deduct	-0.15	
For >2:1 Slope, Add	0.56	
<b>31 36 Gabions</b> <small>(31 30)</small>		
Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
<b>31 36 13 Gabion Boxes</b> <small>(31 36)</small>		
31 36 13 00-0001 Stone Filled Gabion Slope Protection <small>(31 36 13)</small>		
Note: Machine placed by SY of total top face area for depth indicated.		
31 36 13 00-0002 SY 6" Deep Stone Filled Gabion Slope Protection .....	50.54	
31 36 13 00-0003 SY 9" Deep Stone Filled Gabion Slope Protection .....	61.19	
31 36 13 00-0004 SY 12" Deep Stone Filled Gabion Slope Protection .....	77.51	
31 36 13 00-0005 SY 15" Deep Stone Filled Gabion Slope Protection .....	90.12	
31 36 13 00-0006 SY 18" Deep Stone Filled Gabion Slope Protection .....	105.29	
31 36 13 00-0007 SY 24" Deep Stone Filled Gabion Slope Protection .....	145.30	
31 36 13 00-0008 SY 36" Deep Stone Filled Gabion Slope Protection .....	184.84	
<b>31 37 Riprap</b> <small>(31 30)</small>		
Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
31 37 00 00-0001 Random - Filter Stone <small>(31 37)</small>		
31 37 00 00-0002 TON Rip Rap, Class 1 .....	35.01	
For Grouted Rip-Rap, Add	24.82	
For Imbricated Rip-Rap, Add	29.25	
31 37 00 00-0003 TON Rip Rap, Class 2 .....	37.17	
For Grouted Rip-Rap, Add	25.90	
For Imbricated Rip-Rap, Add	29.25	
31 37 00 00-0004 TON Rip Rap, Class 3 .....	25.15	
For Grouted Rip-Rap, Add	19.89	
For Imbricated Rip-Rap, Add	29.25	
31 37 00 00-0005 TON Spread Of Rip Rap By Machine .....	7.69	
Note: Excludes material		
31 37 00 00-0006 TON Hand Spread Of Rip Rap .....	16.22	
Note: Excludes material.		
<b>31 40 Shoring And Underpinning</b> <small>(31)</small>		
<b>31 41 Shoring</b> <small>(31 40)</small>		
<b>31 41 13 Timber Shoring</b> <small>(31 41)</small>		
31 41 13 00-0001 Wood Sheet Piling <small>(31 41 13)</small>		
31 41 13 00-0002 Pull And Salvage <small>(31 41 13 00-0001)</small>		
Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.		
31 41 13 00-0003 SF Wood Shoring, 8' Deep Excavation, Pull And Salvage .....	6.68	
For Wood Sheeting Left In Place	0.16	
31 41 13 00-0004 SF Wood Shoring, 10' Deep Excavation, Pull And Salvage .....	7.19	
For Wood Sheeting Left In Place	0.08	
31 41 13 00-0005 SF Wood Shoring, 12' Deep Excavation, Pull And Salvage .....	7.76	
For Wood Sheeting Left In Place	0.00	



	<b>Earthwork</b>	<b>31</b>	
	<b>Shoring And Underpinning</b>	<b>31 40</b>	<b>15</b>
	<b>Shoring</b>	<b>31 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 13 00-0006	SF		Wood Shoring, 14' Deep Excavation, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	8.37 -0.09	
31 41 13 00-0007	SF		Wood Shoring, 16' Deep Excavation, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	9.03 -0.20	
31 41 13 00-0008	SF		Wood Shoring, 18' Deep Excavation, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	9.73 -0.32	
31 41 13 00-0009	SF		Wood Shoring, 20' Deep Excavation, Pull And Salvage <i>For Wood Sheeting Left In Place</i>	10.50 -0.45	
<b>31 41 16 Sheet Piling (31 41)</b>					
<b>31 41 16 13 Steel Sheet Piling (31 41 16)</b>					
<b>31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage (31 41 16 13)</b>					
Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.					
31 41 16 13-0002	TON		Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,216.42 1,049.90 1,413.87 90.99 101.10 313.42 50.55	
31 41 16 13-0003	TON		Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,254.71 1,030.75 1,394.73 90.99 101.10 313.42 50.55	
31 41 16 13-0004	TON		Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,432.78 941.72 1,305.69 90.99 101.10 313.42 50.55	
31 41 16 13-0005	TON		Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,604.12 856.05 1,220.02 90.99 101.10 313.42 50.55	
31 41 16 13-0006	TON		Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,704.90 805.66 1,169.63 90.99 101.10 313.42 50.55	
31 41 16 13-0007	TON		Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage <i>For Standard Sheeting Left In Place, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i> <i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i> <i>For High Strength Sheeting 55,000 PSI Grade, Add</i> <i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i> <i>For Each Additional Month &gt;3 Months, Add</i>	1,807.70 754.26 1,118.23 90.99 101.10 313.42 50.55	
<b>31 45 Vibroflotation And Densification (31 40)</b>					
<b>31 45 13 Vibroflotation (31 45)</b>					
31 45 13 00-0001	LCY		Soil Stabilization, Vibroflotation	7.91	

END OF SECTION 31

31	<b>31</b>	<b>Earthwork</b>
	31 40	Shoring And Underpinning
	31 45	Vibroflotation And Densification



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 32 Exterior Improvements

### 32 01 Operation And Maintenance Of Exterior Improvements <sup>(32)</sup>

#### 32 01 11 Paving Cleaning <sup>(32 01)</sup>

#### **32 01 11 53 Paint Removal From Paving** <sup>(32 01 11)</sup>

#### 32 01 11 53-0001 Remove Pavement Markings <sup>(32 01 11 53)</sup>

Note: Includes vacuuming of removed striped area and containment of debris. Excludes disposal.

32 01 11 53-0002	LF	Remove 4" Wide Painted Or Epoxy Pavement Striping.....		0.85	
		For Up To 250, Add		0.43	
		For >250 To 1,000, Add		0.21	
		For >5,000 To 10,000, Deduct		-0.13	
		For >10,000 To 25,000, Deduct		-0.21	
		For >25,000 To 50,000, Deduct		-0.30	
		For >50,000, Deduct		-0.34	
32 01 11 53-0003	LF	Remove 6" Wide Painted Or Epoxy Pavement Striping.....		1.02	
		For Up To 250, Add		0.51	
		For >250 To 1,000, Add		0.26	
		For >5,000 To 10,000, Deduct		-0.15	
		For >10,000 To 25,000, Deduct		-0.26	
		For >25,000 To 50,000, Deduct		-0.36	
		For >50,000, Deduct		-0.41	
32 01 11 53-0004	LF	Remove 8" Wide Painted Or Epoxy Pavement Striping.....		1.22	
		For Up To 250, Add		0.61	
		For >250 To 1,000, Add		0.31	
		For >5,000 To 10,000, Deduct		-0.18	
		For >10,000 To 25,000, Deduct		-0.31	
		For >25,000 To 50,000, Deduct		-0.43	
		For >50,000, Deduct		-0.49	
32 01 11 53-0005	LF	Remove 10" Wide Painted Or Epoxy Pavement Striping.....		1.34	
		For Up To 250, Add		0.67	
		For >250 To 1,000, Add		0.34	
		For >5,000 To 10,000, Deduct		-0.20	
		For >10,000 To 25,000, Deduct		-0.34	
		For >25,000 To 50,000, Deduct		-0.47	
		For >50,000, Deduct		-0.54	
32 01 11 53-0006	LF	Remove 12" Wide Painted Or Epoxy Pavement Striping.....		1.46	
		For Up To 250, Add		0.73	
		For >250 To 1,000, Add		0.37	
		For >5,000 To 10,000, Deduct		-0.22	
		For >10,000 To 25,000, Deduct		-0.37	
		For >25,000 To 50,000, Deduct		-0.51	
		For >50,000, Deduct		-0.58	
32 01 11 53-0007	SF	Remove Painted Or Epoxy Pavement Marking, Letters Or Symbols.....		1.46	
		For Up To 250, Add		0.73	
		For >250 To 1,000, Add		0.37	
		For >5,000 To 10,000, Deduct		-0.22	
		For >10,000 To 25,000, Deduct		-0.37	
		For >25,000 To 50,000, Deduct		-0.51	
		For >50,000, Deduct		-0.58	
32 01 11 53-0008	LF	Remove 4" Wide Thermoplastic Pavement Striping.....		1.09	
		For Up To 250, Add		0.55	
		For >250 To 1,000, Add		0.27	
		For >5,000 To 10,000, Deduct		-0.16	
		For >10,000 To 25,000, Deduct		-0.27	
		For >25,000 To 50,000, Deduct		-0.38	
		For >50,000, Deduct		-0.44	
32 01 11 53-0009	LF	Remove 6" Wide Thermoplastic Pavement Striping.....		1.29	
		For Up To 250, Add		0.65	
		For >250 To 1,000, Add		0.32	
		For >5,000 To 10,000, Deduct		-0.19	
		For >10,000 To 25,000, Deduct		-0.32	
		For >25,000 To 50,000, Deduct		-0.45	
		For >50,000, Deduct		-0.52	
32 01 11 53-0010	LF	Remove 8" Wide Thermoplastic Pavement Striping.....		1.56	
		For Up To 250, Add		0.78	
		For >250 To 1,000, Add		0.39	
		For >5,000 To 10,000, Deduct		-0.23	
		For >10,000 To 25,000, Deduct		-0.39	
		For >25,000 To 50,000, Deduct		-0.55	
		For >50,000, Deduct		-0.62	
32 01 11 53-0011	LF	Remove 10" Wide Thermoplastic Pavement Striping.....		1.71	
		For Up To 250, Add		0.86	
		For >250 To 1,000, Add		0.43	
		For >5,000 To 10,000, Deduct		-0.26	
		For >10,000 To 25,000, Deduct		-0.43	
		For >25,000 To 50,000, Deduct		-0.60	
		For >50,000, Deduct		-0.68	

**32 Exterior Improvements****32 01 Operation And Maintenance Of Exterior Improvements****32 01 11 Paving Cleaning**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 11 53-0012 LF Remove 12" Wide Thermoplastic Pavement Striping.....	1.87	
For Up To 250, Add	0.94	
For >250 To 1,000, Add	0.47	
For >5,000 To 10,000, Deduct	-0.28	
For >10,000 To 25,000, Deduct	-0.47	
For >25,000 To 50,000, Deduct	-0.65	
For >50,000, Deduct	-0.75	
32 01 11 53-0013 SF Remove Thermoplastic Pavement Marking, Letters Or Symbols.....	1.87	
For Up To 250, Add	0.94	
For >250 To 1,000, Add	0.47	
For >5,000 To 10,000, Deduct	-0.28	
For >10,000 To 25,000, Deduct	-0.47	
For >25,000 To 50,000, Deduct	-0.65	
For >50,000, Deduct	-0.75	

**32 01 16 Flexible Paving Rehabilitation (32 01)****32 01 16 71 Cold Milling Asphalt Pavement (32 01 16)**

**32 01 16 71-0001 Removal Of Asphalt Surface Course (32 01 16 71)**  
 Note: Includes direct loading into truck, hauling to disposal or recycling site, disposal and any other costs. For depths greater than 3" repeat the use of tasks.

**32 01 16 71-0002 Zone 1 (Hauling Distance 0-9 Miles) (32 01 16 71-0001)**

32 01 16 71-0003 SY Up To 200 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	14.73	
32 01 16 71-0004 SY >200 To 400 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	8.02	
32 01 16 71-0005 SY >400 To 2,500 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	4.31	
32 01 16 71-0006 SY >2,500 To 10,000 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	3.33	
32 01 16 71-0007 SY >10,000 To 25,000 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	3.07	
32 01 16 71-0008 SY >25,000 SY, Cold Milling And Clearing, 1" To 3" Asphalt Pavement.....	2.81	

**32 01 16 71-0009 Zone 2 (Hauling Distance 10-14 Miles) (32 01 16 71-0001)**

32 01 16 71-0010 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, < 200 SY.....	14.81	
32 01 16 71-0011 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 200 To 400 SY.....	8.10	
32 01 16 71-0012 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 400 To 2500 SY.....	4.39	
32 01 16 71-0013 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 2500 To 10000 SY.....	3.41	
32 01 16 71-0014 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 10000 To 25000 SY.....	3.15	
32 01 16 71-0015 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 25000 SY.....	2.89	

**32 01 16 71-0016 Zone 3 (Hauling Distance 15-23 Miles) (32 01 16 71-0001)**

32 01 16 71-0017 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, < 200 SY.....	14.92	
32 01 16 71-0018 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 200 To 400 SY.....	8.21	
32 01 16 71-0019 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 400 To 2500 SY.....	4.31	
32 01 16 71-0020 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 2500 To 10000 SY.....	3.52	
32 01 16 71-0021 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 10000 To 25000 SY.....	3.26	
32 01 16 71-0022 SY Cold Milling And Clearing, 1" To 3" Asphalt Pavement, > 25000 SY.....	3.00	

**32 01 17 Flexible Paving Repair (32 01)**

See CSI section 32 12 16 00-0000 for large area resurfacing.

**32 01 17 61 Sealing Cracks In Asphalt Paving (32 01 17)**

Note: Includes removing loose materials and cleaning.

**32 01 17 61-0001 Asphalt Pavement Crack And Sealing Repair (32 01 17 61)**

Note: Includes sweeping and cleaning of area.

32 01 17 61-0002 LF Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.84	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.26	
For 1" x 1/2" Fill, Add	0.49	
For Backer Rod, Add	0.56	
32 01 17 61-0003 LF >200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.68	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.21	
For 1" x 1/2" Fill, Add	0.40	
For Backer Rod, Add	0.50	
32 01 17 61-0004 LF >500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.54	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.17	
For 1" x 1/2" Fill, Add	0.33	
For Backer Rod, Add	0.45	
32 01 17 61-0005 LF >2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.47	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.15	
For 1" x 1/2" Fill, Add	0.29	
For Backer Rod, Add	0.42	
32 01 17 61-0006 LF >5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.41	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.13	
For 1" x 1/2" Fill, Add	0.25	
For Backer Rod, Add	0.39	



<b>Exterior Improvements</b>	<b>32</b>
<b>Operation And Maintenance Of Exterior Improvements</b>	<b>32 01</b>
<b>Flexible Paving Repair</b>	<b>32 01 17</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0007 LF >10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.39	
Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
For 3/4" x 1/2" Fill, Add	0.13	
For 1" x 1/2" Fill, Add	0.24	
For Backer Rod, Add	0.38	
32 01 17 61-0008 LF For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.23	
<b>32 01 17 63 Pavement Repair (32 01 17)</b>		
<b>32 01 17 63-0001 Temporary Pot Hole Repair (32 01 17 63)</b>		
Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 01 17 63-0002 EA Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons .....	858.55	
32 01 17 63-0003 TON Temporary Pot Hole Repairs With Cold Mix Modified.....	262.68	
Note: Use for each ton over 3 tons.		
32 01 17 63-0004 EA Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	809.62	
32 01 17 63-0005 TON Temporary Pot Hole Repairs With Cold Mix .....	246.37	
Note: Use for each ton over 3 tons.		
32 01 17 63-0006 EA Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	785.16	
32 01 17 63-0007 TON Temporary Pot Hole Repairs With Hot Mix Modified.....	238.21	
Note: Use for each ton over 3 tons.		
32 01 17 63-0008 EA Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons .....	760.69	
32 01 17 63-0009 TON Temporary Pot Hole Repairs With Hot Mix .....	230.06	
Note: Use for each ton over 3 tons.		
<b>32 01 17 63-0010 Permanent Pot Hole Repair (32 01 17 63)</b>		
Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles. Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 01 17 63-0011 EA Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons .....	880.41	
32 01 17 63-0012 TON Permanent Pot Hole Repairs With Cold Mix.....	286.89	
Note: Use for each ton over 3 tons.		
32 01 17 63-0013 EA Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	855.95	
32 01 17 63-0014 TON Permanent Pot Hole Repairs With Hot Mix Modified .....	278.73	
Note: Use for each ton over 3 tons.		
32 01 17 63-0015 EA Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons .....	831.48	
32 01 17 63-0016 TON Permanent Pot Hole Repairs With Hot Mix.....	270.58	
Note: Use for each ton over 3 tons.		
<b>32 01 17 63-0017 Asphalt Placement For Small Repairs (32 01 17 63)</b>		
Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, and compaction. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0043 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.		
32 01 17 63-0018 EA Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....	1,170.37	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0019 TON Asphalt Placement For Small Repair Areas, Cold Mix Modified .....	169.93	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0020 EA Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons .....	1,121.44	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0021 TON Asphalt Placement For Small Repair Areas, Cold Mix.....	153.62	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0022 EA Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons.....	1,096.98	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0023 TON Asphalt Placement For Small Repair Areas, Hot Mix Modified.....	145.46	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0024 EA Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons .....	1,072.51	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0025 TON Asphalt Placement For Small Repair Areas, Hot Mix.....	137.31	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
<b>32 01 17 63-0026 Grind Asphalt (32 01 17 63)</b>		
32 01 17 63-0027 SY Grinding Asphalt To Level Bump Or Raised Area.....	9.82	
<b>32 01 17 63-0028 Pavement Cracks, Joints Or Other Small Area Repairs (32 01 17 63)</b>		
Note: Includes sweeping and cleaning of area.		
32 01 17 63-0029 SF GEOTAC.....	2.99	
32 01 17 63-0030 SF GEOTAC HS.....	3.29	

**32 Exterior Improvements****32 01 Operation And Maintenance Of Exterior Improvements****32 01 17 Flexible Paving Repair**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 17 63-0031	SF	PAVEPREP .....	3.74	
32 01 17 63-0032	SF	PAVEPREP TSA.....	3.67	
32 01 17 63-0033	SF	PAVEPREP SA.....	3.86	

**32 01 90 Operation And Maintenance Of Planting** (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

**32 01 90 13 Fertilizing** (32 01 90)

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular) .....	7.01
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid).....	4.99
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular).....	5.49
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid).....	4.46

**32 01 90 19 Mowing** (32 01 90)

32 01 90 19-0001	ACR	Grass Cutting (Including Right-Of-Way Areas) .....	91.93
Note: Includes normal debris removal, cutting, and trimming.			
<i>For &lt;1 Acre, Add</i> 22.98			

**32 01 90 23 Pruning** (32 01 90)**32 01 90 23-0001 Tree Pruning** (32 01 90 23)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0002	EA	Tree Pruning (Crown Cleaning), 1-1/2" Caliper.....	14.07
<i>For Crown Thinning, Tree Pruning, Add</i>			3.17
<i>For Crown Raising, Pruning, Add</i>			4.92
<i>For Crown Reduction, Tree Pruning, Add</i>			6.33
<i>For Crown Restoration, Pruning, Add</i>			9.38
32 01 90 23-0003	EA	Tree Pruning (Crown Cleaning), 2" Caliper.....	16.07
<i>For Crown Thinning, Tree Pruning, Add</i>			3.62
<i>For Crown Raising, Pruning, Add</i>			5.62
<i>For Crown Reduction, Tree Pruning, Add</i>			7.23
<i>For Crown Restoration, Pruning, Add</i>			10.71
32 01 90 23-0004	EA	Tree Pruning (Crown Cleaning), 2-1/2" Caliper.....	18.08
<i>For Crown Thinning, Tree Pruning, Add</i>			4.07
<i>For Crown Raising, Pruning, Add</i>			6.33
<i>For Crown Reduction, Tree Pruning, Add</i>			8.14
<i>For Crown Restoration, Pruning, Add</i>			12.05
32 01 90 23-0005	EA	Tree Pruning (Crown Cleaning), 3" Caliper.....	20.09
<i>For Crown Thinning, Tree Pruning, Add</i>			4.52
<i>For Crown Raising, Pruning, Add</i>			7.03
<i>For Crown Reduction, Tree Pruning, Add</i>			9.04
<i>For Crown Restoration, Pruning, Add</i>			13.39
32 01 90 23-0006	EA	Tree Pruning (Crown Cleaning), 4" Caliper, By Hand.....	30.53
<i>For Crown Thinning, Tree Pruning, Add</i>			6.87
<i>For Crown Raising, Pruning, Add</i>			10.69
<i>For Crown Reduction, Tree Pruning, Add</i>			13.74
<i>For Crown Restoration, Pruning, Add</i>			20.35
32 01 90 23-0007	EA	Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment.....	53.08
<i>For Crown Thinning, Tree Pruning, Add</i>			11.94
<i>For Crown Raising, Pruning, Add</i>			18.58
<i>For Crown Reduction, Tree Pruning, Add</i>			23.89
<i>For Crown Restoration, Pruning, Add</i>			35.39
32 01 90 23-0008	EA	Tree Pruning (Crown Cleaning), 6" Caliper, By Hand.....	53.43
<i>For Crown Thinning, Tree Pruning, Add</i>			12.02
<i>For Crown Raising, Pruning, Add</i>			18.70
<i>For Crown Reduction, Tree Pruning, Add</i>			24.04
<i>For Crown Restoration, Pruning, Add</i>			35.62





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0009 EA Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment.....	101.10	
<i>For Crown Thinning, Tree Pruning, Add</i>	22.75	
<i>For Crown Raising, Pruning, Add</i>	35.39	
<i>For Crown Reduction, Tree Pruning, Add</i>	45.50	
<i>For Crown Restoration, Pruning, Add</i>	67.40	
32 01 90 23-0010 EA Tree Pruning (Crown Cleaning), 9" Caliper, By Hand.....	85.56	
<i>For Crown Thinning, Tree Pruning, Add</i>	19.25	
<i>For Crown Raising, Pruning, Add</i>	29.95	
<i>For Crown Reduction, Tree Pruning, Add</i>	38.50	
<i>For Crown Restoration, Pruning, Add</i>	57.04	
32 01 90 23-0011 EA Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment.....	161.72	
<i>For Crown Thinning, Tree Pruning, Add</i>	36.39	
<i>For Crown Raising, Pruning, Add</i>	56.60	
<i>For Crown Reduction, Tree Pruning, Add</i>	72.77	
<i>For Crown Restoration, Pruning, Add</i>	107.82	
32 01 90 23-0012 EA Tree Pruning (Crown Cleaning), 12" Caliper, By Hand.....	98.86	
<i>For Crown Thinning, Tree Pruning, Add</i>	22.24	
<i>For Crown Raising, Pruning, Add</i>	34.60	
<i>For Crown Reduction, Tree Pruning, Add</i>	44.49	
<i>For Crown Restoration, Pruning, Add</i>	65.91	
32 01 90 23-0013 EA Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment.....	187.02	
<i>For Crown Thinning, Tree Pruning, Add</i>	42.08	
<i>For Crown Raising, Pruning, Add</i>	65.46	
<i>For Crown Reduction, Tree Pruning, Add</i>	84.16	
<i>For Crown Restoration, Pruning, Add</i>	124.69	
32 01 90 23-0014 EA Tree Pruning (Crown Cleaning), 18" Caliper By Hand.....	114.93	
<i>For Crown Thinning, Tree Pruning, Add</i>	25.86	
<i>For Crown Raising, Pruning, Add</i>	40.23	
<i>For Crown Reduction, Tree Pruning, Add</i>	51.72	
<i>For Crown Restoration, Pruning, Add</i>	76.62	
32 01 90 23-0015 EA Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment.....	217.35	
<i>For Crown Thinning, Tree Pruning, Add</i>	48.90	
<i>For Crown Raising, Pruning, Add</i>	76.07	
<i>For Crown Reduction, Tree Pruning, Add</i>	97.81	
<i>For Crown Restoration, Pruning, Add</i>	144.91	
32 01 90 23-0016 EA Tree Pruning (Crown Cleaning), 24" Caliper, By Hand.....	139.90	
<i>For Crown Thinning, Tree Pruning, Add</i>	31.48	
<i>For Crown Raising, Pruning, Add</i>	48.97	
<i>For Crown Reduction, Tree Pruning, Add</i>	62.96	
<i>For Crown Restoration, Pruning, Add</i>	93.27	
32 01 90 23-0017 EA Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment.....	262.88	
<i>For Crown Thinning, Tree Pruning, Add</i>	59.15	
<i>For Crown Raising, Pruning, Add</i>	92.01	
<i>For Crown Reduction, Tree Pruning, Add</i>	118.30	
<i>For Crown Restoration, Pruning, Add</i>	175.26	
32 01 90 23-0018 EA Tree Pruning (Crown Cleaning), 30" Caliper, By Hand.....	173.79	
<i>For Crown Thinning, Tree Pruning, Add</i>	39.10	
<i>For Crown Raising, Pruning, Add</i>	60.83	
<i>For Crown Reduction, Tree Pruning, Add</i>	78.21	
<i>For Crown Restoration, Pruning, Add</i>	115.87	
32 01 90 23-0019 EA Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment.....	331.31	
<i>For Crown Thinning, Tree Pruning, Add</i>	74.54	
<i>For Crown Raising, Pruning, Add</i>	115.96	
<i>For Crown Reduction, Tree Pruning, Add</i>	149.09	
<i>For Crown Restoration, Pruning, Add</i>	220.88	
32 01 90 23-0020 EA Tree Pruning (Crown Cleaning), 36" Caliper, By Hand.....	238.03	
<i>For Crown Thinning, Tree Pruning, Add</i>	53.56	
<i>For Crown Raising, Pruning, Add</i>	83.31	
<i>For Crown Reduction, Tree Pruning, Add</i>	107.11	
<i>For Crown Restoration, Pruning, Add</i>	158.69	
32 01 90 23-0021 EA Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment.....	449.04	
<i>For Crown Thinning, Tree Pruning, Add</i>	101.03	
<i>For Crown Raising, Pruning, Add</i>	157.16	
<i>For Crown Reduction, Tree Pruning, Add</i>	202.07	
<i>For Crown Restoration, Pruning, Add</i>	299.37	
32 01 90 23-0022 EA Tree Pruning (Crown Cleaning), 48" Caliper, By Hand.....	377.63	
<i>For Crown Thinning, Tree Pruning, Add</i>	84.97	
<i>For Crown Raising, Pruning, Add</i>	132.17	
<i>For Crown Reduction, Tree Pruning, Add</i>	169.93	
<i>For Crown Restoration, Pruning, Add</i>	251.77	
32 01 90 23-0023 EA Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment.....	722.13	
<i>For Crown Thinning, Tree Pruning, Add</i>	162.48	
<i>For Crown Raising, Pruning, Add</i>	252.75	
<i>For Crown Reduction, Tree Pruning, Add</i>	324.96	
<i>For Crown Restoration, Pruning, Add</i>	481.44	
<b>32 01 90 23-0024 Shrub Pruning</b> <small>(32 01 90 23)</small>		
32 01 90 23-0025 MSF Shrub Pruning, Prune, Shrub Bed.....	45.79	
32 01 90 23-0026 EA Shrub Pruning, Prune, Shrub Under 3' Height.....	1.61	
32 01 90 23-0027 EA Shrub Pruning, Prune, Shrub 4' Height.....	3.61	
32 01 90 23-0028 EA Shrub Pruning, Prune, Shrub Over 6'.....	6.43	
32 01 90 23-0029 EA Shrub Pruning, Prune Trees From Ground.....	16.07	
32 01 90 23-0030 EA Shrub Pruning, Prune Trees From Ground, High Work.....	40.18	

**32 Exterior Improvements****32 01 Operation And Maintenance Of Exterior Improvements****32 01 90 Operation And Maintenance Of Planting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 01 90 23-0031 Root Removal</b> <small>(32 01 90 23)</small>		
32 01 90 23-0032 EA Hand Trim Roots From Work Area, Per Tree.....	48.85	
<b>32 01 90 26 Watering</b> <small>(32 01 90)</small>		
Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.		
<b>32 01 90 26-0001 Watering Lawns, Plants And Trees</b> <small>(32 01 90 26)</small>		
Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.		
32 01 90 26-0002 SY Watering Sod/Grass.....	2.37	
For Owner Furnished Water, Deduct	-0.02	
32 01 90 26-0003 CSF Watering Groundcover.....	2.98	
32 01 90 26-0004 CSF Watering Annuals And Perennials.....	5.43	
32 01 90 26-0005 EA Watering Trees, 1" To 5" Diameter By Hand.....	5.42	
32 01 90 26-0006 EA Watering Trees, 6" To 12" Diameter By Hand.....	7.24	
32 01 90 26-0007 EA Watering Trees, 13" To 18" Diameter By Hand.....	9.17	
32 01 90 26-0008 EA Watering Trees, >18" Diameter By Hand.....	10.86	
32 01 90 26-0009 EA Watering Shrub Or Bush By Hand.....	4.74	
<b>32 01 90 36 Weed And Brush Control</b> <small>(32 01 90)</small>		
<b>32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied</b> <small>(32 01 90 36)</small>		
32 01 90 36-0002 MSF Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF).....	3.79	
For >45 To 90, Deduct	-0.21	
For >90 To 225, Deduct	-0.59	
For >225 To 870, Deduct	-0.97	
For >870, Deduct	-1.18	
32 01 90 36-0003 MSF Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF).....	4.12	
For >45 To 90, Deduct	-0.24	
For >90 To 225, Deduct	-0.65	
For >225 To 870, Deduct	-1.07	
For >870, Deduct	-1.31	
32 01 90 36-0004 MSF Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF).....	4.10	
Note: Includes pre and post emergent.		
For >45 To 90, Deduct	-0.24	
For >90 To 225, Deduct	-0.65	
For >225 To 870, Deduct	-1.06	
For >870, Deduct	-1.30	
32 01 90 36-0005 MSF Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF).....	4.31	
Note: Includes pre and post emergents.		
For >45 To 90, Deduct	-0.26	
For >90 To 225, Deduct	-0.69	
For >225 To 870, Deduct	-1.12	
For >870, Deduct	-1.39	
<b>32 01 90 39 Pesticides</b> <small>(32 01 90)</small>		
32 01 90 39-0001 MSF Pesticide - Surface Eating.....	5.23	
32 01 90 39-0002 MSF Pesticide - Subsurface Eating.....	5.25	
32 01 90 39-0003 MSF Pesticide - Fungicide Application.....	5.74	
<b>32 01 90 43 Weed And Cultivate Beds</b> <small>(32 01 90)</small>		
32 01 90 43-0001 MSF Weed Mulched Bed.....	19.45	
32 01 90 43-0002 MSF Weed Unmulched Bed.....	55.60	
32 01 90 43-0003 MSF Cultivate Bed.....	29.93	
<b>32 01 90 46 Hedge Trimming</b> <small>(32 01 90)</small>		
32 01 90 46-0001 LF Trim 0-5' High Hedge, 0-3' Wide.....	2.62	
32 01 90 46-0002 LF Trim 0-5' High Hedge, 4-6' Wide.....	3.92	
32 01 90 46-0003 LF Trim 5-10' High Hedge, 0-3' Wide.....	5.94	
32 01 90 46-0004 LF Trim 5-10' High Hedge, 4-6' Wide.....	6.05	
<b>32 01 90 53 Plant Growth Regulator Application</b> <small>(32 01 90)</small>		
32 01 90 53-0001 EA Plant Growth Regulator Application.....	3.07	
<b>32 01 90 59 Tree Root Control Fabric</b> <small>(32 01 90)</small>		
<b>32 01 90 59-0001 Tree Root Control Fabric At Existing Sidewalk Or Curbs</b> <small>(32 01 90 59)</small>		
Note: Includes trimming root, excavation, installation of root fabric, and backfill.		
32 01 90 59-0002 SF Tree Root Control Fabric.....	6.71	

**32 10 Bases, Ballasts, And Paving** (32)



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Base Courses</b>	<b>32 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 11 Base Courses</b> <small>(32 10)</small>		
<b>32 11 16 Subbase Courses</b> <small>(32 11)</small>		
<b>32 11 16 16 Aggregate Subbase Courses</b> <small>(32 11 16)</small>		
32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas <small>(32 11 16 16)</small> Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 11 16 16-0002 Base And Subbase Courses By The CY <small>(32 11 16 16-0001)</small>		
32 11 16 16-0003 CY Graded Crushed Aggregate Roadway Base Course ..... <i>For Limestone, Deduct</i>	50.90 -4.39	
<b>32 11 23 Aggregate Base Courses</b> <small>(32 11)</small>		
<b>32 11 23 16 Aggregate Base Courses</b> <small>(32 11 23)</small>		
32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) <small>(32 11 23 16)</small> Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 11 23 16-0002 SF 2" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	0.42 0.11 0.04	
32 11 23 16-0003 SF 3" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	0.57 0.15 0.06	
32 11 23 16-0004 SF 4" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	0.73 0.20 0.07	
32 11 23 16-0005 SF 5" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	0.96 0.26 0.10	
32 11 23 16-0006 SF 6" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	1.19 0.32 0.12	
32 11 23 16-0007 SF 7" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	1.35 0.37 0.14	
32 11 23 16-0008 SF 8" Crushed Aggregate Base Course..... <i>For Up To 1,000, Add</i> <i>For &gt;1,000 To 2,500, Add</i>	1.54 0.42 0.15	
<b>32 11 26 Asphaltic Base Courses</b> <small>(32 11)</small>		
<b>32 11 26 19 Bituminous-Stabilized Base Courses</b> <small>(32 11 26)</small>		
32 11 26 19-0001 Bituminous-Stabilized Base Courses <small>(32 11 26 19)</small>		
32 11 26 19-0002 CY Bituminous Stabilized Base Course..... Note: 3/4" ASTM C33.	84.72	
32 11 26 19-0003 Base Binder Course (VDOT BM-25.0) <small>(32 11 26 19)</small>		
32 11 26 19-0004 SYI Bituminous Stabilized Stone Base Course Includes placement and rolling ..... <i>For Up To 1000, Add</i> <i>For &gt; 1000 To 2000, Add</i> <i>For &gt;5000 To 7500, Deduct</i> <i>For &gt;7500 To 10000, Deduct</i> <i>For &gt;10000 To 20000, Deduct</i> <i>For &gt;20000, Deduct</i>	4.44 0.98 0.54 -0.22 -0.33 -0.44 -0.56	
<b>32 12 Flexible Paving</b> <small>(32 10)</small>		
<b>32 12 16 Asphalt Paving</b> <small>(32 12)</small>		
<b>32 12 16 13 Plant-Mix Asphalt Paving</b> <small>(32 12 16)</small> Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 12 16 13-0001 Intermediate Binder Courses (VDOT IM-19.0) <small>(32 12 16 13)</small>		
32 12 16 13-0002 SYI Intermediate Binder Course, Includes Tack Coat, Placement, Rolling, Finishing And Sweeping ..... Note: Includes placement, rolling, finishing and sweeping. <i>For Up To 1000, Add</i> <i>For &gt; 1000 To 2000, Add</i> <i>For &gt; 5000 To 7500, Deduct</i> <i>For &gt; 7500 To 10000, Deduct</i> <i>For &gt; 10000 TO 20000, Deduct</i> <i>For &gt; 20000, Deduct</i>	5.85 1.27 0.68 -0.29 -0.44 -0.59 -0.73	
32 12 16 13-0003 Surface Courses (VDOT SM-9.5) <small>(32 12 16 13)</small>		

**32 Exterior Improvements**  
**32 10 Bases, Ballasts, And Paving**  
**32 12 Flexible Paving**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0004	SYI		Surface Course, Includes Tack Coat, Placement, Rolling, Finishing And Sweeping .....6.21 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 1000, Add</i>	1.37	
			<i>For &gt; 1000 To 2000, Add</i>	0.74	
			<i>For &gt; 5000 To 7500, Deduct</i>	-0.31	
			<i>For &gt; 7500 To 10000, Deduct</i>	-0.47	
			<i>For &gt; 10000 To 20000, Deduct</i>	-0.62	
			<i>For &gt; 20000, Deduct</i>	-0.78	
<b>32 12 16 39</b>	<b>Fabrics</b>	<small>(32 12 16)</small>			
			See CSI section 31 32 19 16-0000 for geotextile fabric.		
32 12 16 39-0001	SY		3.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O) .....0.76		
			<i>For Up To 50, Add</i>	0.17	
			<i>For &gt;50 To 150, Add</i>	0.13	
			<i>For &gt;150 To 250, Add</i>	0.08	
			<i>For &gt;250 To 500, Add</i>	0.04	
32 12 16 39-0002	SY		4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O) .....0.81		
			<i>For Up To 50, Add</i>	0.18	
			<i>For &gt;50 To 150, Add</i>	0.13	
			<i>For &gt;150 To 250, Add</i>	0.09	
			<i>For &gt;250 To 500, Add</i>	0.04	
<b>32 12 16 43</b>	<b>Waterproofing Membranes</b>	<small>(32 12 16)</small>			
<b>32 12 16 43-0001</b>	<b>Waterproofing Membranes</b>	<small>(32 12 16 43)</small>			
32 12 16 43-0002	SY		Up To 500 SY, Preformed Rubberized Asphalt Membrane .....19.14		
32 12 16 43-0003	SY		>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane .....14.56		
32 12 16 43-0004	SY		>1,000 SY, Preformed Rubberized Asphalt Membrane .....9.41		
<b>32 12 36</b>	<b>Seal Coats</b>	<small>(32 12)</small>			
<b>32 12 36 00-0001</b>	<b>Asphalt Seal Coating, For Roads And Parking Lot</b>	<small>(32 12 36)</small>			
			Note: Includes sweeping and cleaning of area.		
32 12 36 00-0002	SY		Asphalt Seal Coating Minimum .....238.17 Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
32 12 36 00-0003	SY		Up To 500 SY, Type II Slurry Seal Asphalt Coating .....7.00 Note: 1/4" thick, 14 to 18 Lbs/SY.		
32 12 36 00-0004	SY		>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating .....3.42 Note: 1/4" thick, 14 to 18 Lbs/SY.		
32 12 36 00-0005	SY		>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating .....5.40 Note: 1/4" thick, 14 to 18 Lbs/SY.		
32 12 36 00-0006	SY		>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating .....2.30 Note: 1/4" thick, 14 to 18 Lbs/SY.		
32 12 36 00-0007	SY		>20,000 SY, Type II Slurry Seal Asphalt Coating .....1.96 Note: 1/4" thick, 14 to 18 Lbs/SY.		
32 12 36 00-0008	SY		Up To 500 SY, Type III Slurry Seal Asphalt Coating .....8.17 Note: 3/8" thick, 25 to 30 Lbs/SY.		
32 12 36 00-0009	SY		>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating .....4.02 Note: 3/8" thick, 25 to 30 Lbs/SY.		
32 12 36 00-0010	SY		>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating .....6.34 Note: 3/8" thick, 25 to 30 Lbs/SY.		
32 12 36 00-0011	SY		>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating .....2.69 Note: 3/8" thick, 25 to 30 Lbs/SY.		
32 12 36 00-0012	SY		>20,000 SY, Type III Slurry Seal Asphalt Coating .....2.29 Note: 3/8" thick, 25 to 30 Lbs/SY.		
32 12 36 00-0013	SY		Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal .....3.91		
32 12 36 00-0014	SY		>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal .....3.36		
32 12 36 00-0015	SY		>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal .....2.75		
32 12 36 00-0016	SY		>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal .....2.30		
32 12 36 00-0017	SY		>20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal .....1.97		
32 12 36 00-0018	SY		Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal .....4.57		
32 12 36 00-0019	SY		>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal .....4.02		
32 12 36 00-0020	SY		>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal .....3.34		
32 12 36 00-0021	SY		>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal .....2.82		
32 12 36 00-0022	SY		>20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal .....2.44		
<b>32 12 36 00-0023</b>	<b>Water Based Emulsion Sealer</b>	<small>(32 12 36)</small>			
			Note: Includes sweeping and cleaning of area.		
32 12 36 00-0024	SY		Up To 500 SY Water Based Emulsion Sealer, For Asphalt, First Coat .....2.35 <i>For Additional Coats, Add</i>	1.31	
32 12 36 00-0025	SY		>500 To 1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat .....1.89 <i>For Additional Coats, Add</i>	1.05	
32 12 36 00-0026	SY		>1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat .....1.43 <i>For Additional Coats, Add</i>	0.79	
<b>32 12 43</b>	<b>Porous Flexible Paving</b>	<small>(32 12)</small>			



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Flexible Paving</b>	<b>32 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 12 43 00-0001 Flexible Recycled Plastic Porous Grid</b> <small>(32 12 43)</small>		
Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.		
32 12 43 00-0002 SY 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill .....	19.63	
Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.		
For Up To 100, Add	6.54	
For >100 To 500, Add	1.64	
For >1,000 To 5,000, Deduct	-0.65	
For >5,000, Deduct	-1.37	
<b>32 12 73 Asphalt Paving Joint Sealants</b> <small>(32 12)</small>		
<b>32 12 73 00-0001 Expansion Joint In Sidewalk</b> <small>(32 12 73)</small>		
32 12 73 00-0002 LF For Hot Asphalt Poured Over Expansion Joint In Sidewalk .....	2.05	
<b>32 13 Rigid Paving</b> <small>(32 10)</small>		
<b>32 13 13 Concrete Paving</b> <small>(32 13)</small>		
Note: The following section includes spreading and placing delivered Portland cement concrete mix.		
<b>32 13 13 33 Plain Concrete Paving</b> <small>(32 13 13)</small>		
<b>32 13 13 33-0001 Concrete Paving Assemblies</b> <small>(32 13 13 33)</small>		
Note: Includes forms, wire mesh (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 00 00-0001 for color additive.		
<b>32 13 13 33-0002 4,500 PSI Concrete Paving Assembly</b> <small>(32 13 13 33-0001)</small>		
32 13 13 33-0003 SY 4" 4,500 PSI Concrete Paving Assembly .....	30.06	
For 2,500 PSI Concrete, Deduct	-1.84	
For 3,000 PSI Concrete, Deduct	-1.20	
For 3,500 PSI Concrete, Deduct	-0.96	
For 4,000 PSI Concrete, Deduct	-0.42	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	2.08	
For <10' Wide Pass, Add	5.12	
For >24' Wide Pass, Deduct	-6.01	
For Air Entrainment, Add	0.80	
For Accelerator Admixtures, Add	0.96	
For Slipforming, Deduct	-3.01	
For Up To 100, Add	11.64	
For >100 To 250, Add	6.62	
For >250 To 500, Add	3.31	
For >1,000 To 2,000, Deduct	-0.80	
For >2,000 To 5,000, Deduct	-1.55	
For >5,000 To 10,000, Deduct	-2.30	
For >10,000 To 20,000, Deduct	-3.05	
For >20,000, Deduct	-3.81	
32 13 13 33-0004 SY 5" 4,500 PSI Concrete Paving Assembly .....	35.72	
For 2,500 PSI Concrete, Deduct	-2.31	
For 3,000 PSI Concrete, Deduct	-1.50	
For 3,500 PSI Concrete, Deduct	-1.20	
For 4,000 PSI Concrete, Deduct	-0.52	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	2.61	
For <10' Wide Pass, Add	5.92	
For >24' Wide Pass, Deduct	-7.14	
For Air Entrainment, Add	1.00	
For Accelerator Admixtures, Add	1.20	
For Slipforming, Deduct	-3.57	
For Up To 100, Add	13.41	
For >100 To 250, Add	7.71	
For >250 To 500, Add	3.85	
For >1,000 To 2,000, Deduct	-1.00	
For >2,000 To 5,000, Deduct	-1.90	
For >5,000 To 10,000, Deduct	-2.79	
For >10,000 To 20,000, Deduct	-3.68	
For >20,000, Deduct	-4.58	

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 13 Rigid Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6"	4,500 PSI Concrete Paving Assembly .....	38.12	
			<i>For 2,500 PSI Concrete, Deduct</i>	-2.43	
			<i>For 3,000 PSI Concrete, Deduct</i>	-1.59	
			<i>For 3,500 PSI Concrete, Deduct</i>	-1.27	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.55	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	2.75	
			<i>For &lt;10' Wide Pass, Add</i>	6.36	
			<i>For &gt;24' Wide Pass, Deduct</i>	-7.62	
			<i>For Air Entrainment, Add</i>	1.06	
			<i>For Accelerator Admixtures, Add</i>	1.27	
			<i>For Slipforming, Deduct</i>	-3.81	
			<i>For Up To 100, Add</i>	14.41	
			<i>For &gt;100 To 250, Add</i>	8.26	
			<i>For &gt;250 To 500, Add</i>	4.13	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.06	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-2.96	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-3.92	
			<i>For &gt;20,000, Deduct</i>	-4.87	
32 13 13 33-0006	SY	7"	4,500 PSI Concrete Paving Assembly .....	45.47	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.07	
			<i>For 3,000 PSI Concrete, Deduct</i>	-2.00	
			<i>For 3,500 PSI Concrete, Deduct</i>	-1.60	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.69	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	3.47	
			<i>For &lt;10' Wide Pass, Add</i>	7.36	
			<i>For &gt;24' Wide Pass, Deduct</i>	-9.09	
			<i>For Air Entrainment, Add</i>	1.33	
			<i>For Accelerator Admixtures, Add</i>	1.60	
			<i>For Slipforming, Deduct</i>	-4.55	
			<i>For Up To 100, Add</i>	16.61	
			<i>For &gt;100 To 250, Add</i>	9.64	
			<i>For &gt;250 To 500, Add</i>	4.82	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.33	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.47	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-3.61	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-4.74	
			<i>For &gt;20,000, Deduct</i>	-5.88	
32 13 13 33-0007	SY	8"	4,500 PSI Concrete Paving Assembly .....	51.83	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.37	
			<i>For 3,000 PSI Concrete, Deduct</i>	-2.20	
			<i>For 3,500 PSI Concrete, Deduct</i>	-1.76	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.76	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	3.81	
			<i>For &lt;10' Wide Pass, Add</i>	8.56	
			<i>For &gt;24' Wide Pass, Deduct</i>	-10.37	
			<i>For Air Entrainment, Add</i>	1.46	
			<i>For Accelerator Admixtures, Add</i>	1.76	
			<i>For Slipforming, Deduct</i>	-5.18	
			<i>For Up To 100, Add</i>	19.38	
			<i>For &gt;100 To 250, Add</i>	11.16	
			<i>For &gt;250 To 500, Add</i>	5.58	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.46	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.76	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-4.06	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-5.35	
			<i>For &gt;20,000, Deduct</i>	-6.65	
32 13 13 33-0008	SY	9"	4,500 PSI Concrete Paving Assembly .....	58.74	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.89	
			<i>For 3,000 PSI Concrete, Deduct</i>	-2.54	
			<i>For 3,500 PSI Concrete, Deduct</i>	-2.03	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.88	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	4.40	
			<i>For &lt;10' Wide Pass, Add</i>	9.61	
			<i>For &gt;24' Wide Pass, Deduct</i>	-11.75	
			<i>For Air Entrainment, Add</i>	1.69	
			<i>For Accelerator Admixtures, Add</i>	2.03	
			<i>For Slipforming, Deduct</i>	-5.87	
			<i>For Up To 100, Add</i>	21.70	
			<i>For &gt;100 To 250, Add</i>	12.54	
			<i>For &gt;250 To 500, Add</i>	6.27	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.69	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.16	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-4.63	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-6.10	
			<i>For &gt;20,000, Deduct</i>	-7.57	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
		<b>Rigid Paving</b>	<b>32 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0009 SY 10" 4,500 PSI Concrete Paving Assembly.....	65.41	
For 2,500 PSI Concrete, Deduct	-4.28	
For 3,000 PSI Concrete, Deduct	-2.79	
For 3,500 PSI Concrete, Deduct	-2.23	
For 4,000 PSI Concrete, Deduct	-0.97	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	4.84	
For <10' Wide Pass, Add	10.77	
For >24' Wide Pass, Deduct	-13.08	
For Air Entrainment, Add	1.86	
For Accelerator Admixtures, Add	2.23	
For Slipforming, Deduct	-6.54	
For Up To 100, Add	24.35	
For >100 To 250, Add	14.04	
For >250 To 500, Add	7.02	
For >1,000 To 2,000, Deduct	-1.86	
For >2,000 To 5,000, Deduct	-3.50	
For >5,000 To 10,000, Deduct	-5.13	
For >10,000 To 20,000, Deduct	-6.77	
For >20,000, Deduct	-8.40	
32 13 13 33-0010 SY 12" 4,500 PSI Concrete Paving Assembly.....	77.90	
For 2,500 PSI Concrete, Deduct	-5.07	
For 3,000 PSI Concrete, Deduct	-3.31	
For 3,500 PSI Concrete, Deduct	-2.65	
For 4,000 PSI Concrete, Deduct	-1.15	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.73	
For <10' Wide Pass, Add	12.86	
For >24' Wide Pass, Deduct	-15.58	
For Air Entrainment, Add	2.20	
For Accelerator Admixtures, Add	2.65	
For Slipforming, Deduct	-7.79	
For Up To 100, Add	29.10	
For >100 To 250, Add	16.76	
For >250 To 500, Add	8.38	
For >1,000 To 2,000, Deduct	-2.20	
For >2,000 To 5,000, Deduct	-4.15	
For >5,000 To 10,000, Deduct	-6.10	
For >10,000 To 20,000, Deduct	-8.05	
For >20,000, Deduct	-9.99	
32 13 13 33-0011 SY 15" 4,500 PSI Concrete Paving Assembly.....	99.01	
For 2,500 PSI Concrete, Deduct	-6.23	
For 3,000 PSI Concrete, Deduct	-4.06	
For 3,500 PSI Concrete, Deduct	-3.25	
For 4,000 PSI Concrete, Deduct	-1.41	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	7.04	
For <10' Wide Pass, Add	16.63	
For >24' Wide Pass, Deduct	-19.80	
For Air Entrainment, Add	2.71	
For Accelerator Admixtures, Add	3.25	
For Slipforming, Deduct	-9.90	
For Up To 100, Add	37.75	
For >100 To 250, Add	21.58	
For >250 To 500, Add	10.79	
For >1,000 To 2,000, Deduct	-2.71	
For >2,000 To 5,000, Deduct	-5.18	
For >5,000 To 10,000, Deduct	-7.66	
For >10,000 To 20,000, Deduct	-10.13	
For >20,000, Deduct	-12.61	
<b>32 13 16 Decorative Concrete Paving (32 13)</b>		
<b>32 13 16 13 Patterned Concrete Paving (32 13 16)</b>		
See CSI section 32 17 26 00-0000 for tactile warning surfaces.		
32 13 16 13-0001 SF For Patterned (Tactile) Finish In Sidewalk.....	2.20	
<b>32 13 43 Pervious Concrete Paving (32 13)</b>		
<b>32 13 43 00-0001 Pervious Concrete Assembly (32 13 43)</b>		
Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.		
32 13 43 00-0002 SF 6" Thick Pervious Concrete Paving.....	7.62	
Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
For >5,000 To 30,000, Deduct	-0.83	
For >30,000 To 100,000, Deduct	-1.54	
For >100,000, Deduct	-1.91	
32 13 43 00-0003 SF 9" Thick Pervious Concrete Paving.....	9.56	
Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
For >5,000 To 30,000, Deduct	-1.01	
For >30,000 To 100,000, Deduct	-1.85	
For >100,000, Deduct	-2.29	
<b>32 13 73 Concrete Paving Joint Sealants (32 13)</b>		

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 13 Rigid Paving**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants (32 13 73)**

32 13 73 13-0001	Concrete Pavement Joint And Crack Repair (32 13 73 13)		
	Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002	LF Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads .....	4.37	

**32 13 73 16 Field-Molded Concrete Paving Joint Sealants (32 13 73)**

32 13 73 16-0001	Prefomed Elastomeric Concrete Pavement Joint And Crack Repair (32 13 73 16)		
	Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF Joint Sealing, Concrete Pavement Prefomed Elastomeric .....	6.71	

**32 13 73 19 Compression Concrete Paving Joint Sealants (32 13 73)**

32 13 73 19-0001	Silicone Joint Sealant For Concrete Pavement (32 13 73 19)		
	Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where sawcutting is not required. Excludes saw cutting.		
32 13 73 19-0002	LF 1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	4.84	1.13
32 13 73 19-0003	LF 3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	5.08	1.15
32 13 73 19-0004	LF 1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	5.35	1.18
32 13 73 19-0005	LF 3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	6.23	1.20
32 13 73 19-0006	LF 1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	7.35	1.23
32 13 73 19-0007	LF 1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	8.84	1.26
32 13 73 19-0008	LF 2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	11.06	1.28

**32 14 Unit Paving (32 10)****32 14 09 Paver Restraints (32 14)**

32 14 09 00-0001	Paver Restraints (32 14 09)		
	Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.		
32 14 09 00-0002	LF Up To 2" Height, Vinyl Paver Restraint .....	2.43	0.49
	For >1,000 To 2,000, Deduct	-0.36	
	For >2,000 To 4,000, Deduct	-0.52	
	For >4,000, Deduct	-0.67	
32 14 09 00-0003	LF Up To 2" Height, Galvanized Steel Paver Restraint .....	2.65	0.49
	For >500 To 1,000, Deduct	-0.09	
	For >1,000 To 2,000, Deduct	-0.19	
	For >2,000, Deduct	-0.28	
32 14 09 00-0004	LF Up To 1" Height, Aluminum Paver Restraint .....	2.54	0.49
	For >250 To 500, Deduct	-0.18	
	For >500 To 1,000, Deduct	-0.26	
	For >1,000 To 1,500, Deduct	-0.44	
32 14 09 00-0005	LF >1" To 2" Height, Aluminum Paver Restraint .....	3.03	0.49
	For >250 To 500, Deduct	-0.22	
	For >500 To 1,000, Deduct	-0.34	
	For >1,000 To 1,500, Deduct	-0.56	
32 14 09 00-0006	LF >2" To 3" Height, Aluminum Paver Restraint .....	3.98	0.49
	For >250 To 500, Deduct	-0.32	
	For >500 To 1,000, Deduct	-0.48	
	For >1,000 To 1,500, Deduct	-0.80	
32 14 09 00-0007	LF >3" To 4" Height, Aluminum Paver Restraint .....	4.70	0.49
	For >250 To 500, Deduct	-0.39	
	For >500 To 1,000, Deduct	-0.59	
	For >1,000 To 1,500, Deduct	-0.98	

**32 14 11 Bedding For Unit Paving (32 14)**

32 14 11 00-0001	Bedding For Brick, Precast Concrete Paver And Stone Sidewalk (32 14 11)		
	Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.		
32 14 11 00-0002	SF 1" To 2" Sand Bedding, Screeded .....	0.59	
	For Up To 100, Add	0.25	
	For >100 To 500, Add	0.07	
	For >1,000 To 5,000, Deduct	-0.04	
	For >5,000, Deduct	-0.07	
32 14 11 00-0003	SF 1" To 2" Stone Dust Bedding, Screeded .....	0.73	
	For Up To 100, Add	0.29	
	For >100 To 500, Add	0.08	
	For >1,000 To 5,000, Deduct	-0.04	
	For >5,000, Deduct	-0.07	
32 14 11 00-0004	SF 3" Stone Dust Bedding, Screeded .....	0.96	
	For Up To 100, Add	0.36	
	For >100 To 500, Add	0.10	
	For >1,000 To 5,000, Deduct	-0.05	
	For >5,000, Deduct	-0.09	





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Unit Paving</b>	<b>32 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0005 SF 4" Stone Dust Bedding, Screeded .....	1.22	
For Up To 100, Add	0.45	
For >100 To 500, Add	0.12	
For >1,000 To 5,000, Deduct	-0.06	
For >5,000, Deduct	-0.11	
32 14 11 00-0006 SF 1" Mortar Bedding.....	1.76	
For Up To 100, Add	0.78	
For >100 To 500, Add	0.22	
For >1,000 To 5,000, Deduct	-0.14	
For >5,000, Deduct	-0.22	
32 14 11 00-0007 SF 2" Mortar Bedding.....	2.61	
For Up To 100, Add	1.11	
For >100 To 500, Add	0.31	
For >1,000 To 5,000, Deduct	-0.18	
For >5,000, Deduct	-0.30	
32 14 11 00-0008 SF Thin-Set Latex Portland Cement Mortar .....	0.90	
For Up To 100, Add	0.41	
For >100 To 500, Add	0.12	
For >1,000 To 5,000, Deduct	-0.07	
For >5,000, Deduct	-0.11	

**32 14 13 Precast Concrete Unit Paving (32 14)**

**32 14 13 16 Pressed Precast Concrete Unit Paving (32 14 13)**

**32 14 13 16-0001 Precast Concrete Paver Sidewalk (32 14 13 16)**

Note: Square, rectangular, or interlocking pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 13 16-0002 SF 2-3/8" Thick, Up To 32 SI Precast Concrete Paver.....	6.65	1.69
Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
For 2-3/4" Concrete Paver, Add	0.66	
For 3-1/8" Concrete Paver, Add	1.07	
For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.50	
For Installation Of Owner Furnished Material, Deduct	-3.25	
For Up To 100, Add	2.51	
For >100 To 500, Add	0.67	
For >1,000 To 5,000, Deduct	-0.34	
For >5,000, Deduct	-0.61	
32 14 13 16-0003 SF 2-3/8" Thick, >32 to 64 SI Precast Concrete Paver .....	6.35	1.55
Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
For 2-3/4" Concrete Paver, Add	0.64	
For 3-1/8" Concrete Paver, Add	1.05	
For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.47	
For Installation Of Owner Furnished Material, Deduct	-3.25	
For Up To 100, Add	2.36	
For >100 To 500, Add	0.63	
For >1,000 To 5,000, Deduct	-0.31	
For >5,000, Deduct	-0.56	
32 14 13 16-0004 SF 2-3/8" Thick, >64 to 144 SI Precast Concrete Paver .....	6.07	1.23
Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
For 2-3/4" Concrete Paver, Add	0.63	
For 3-1/8" Concrete Paver, Add	1.02	
For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.44	
For Installation Of Owner Furnished Material, Deduct	-3.25	
For Up To 100, Add	2.22	
For >100 To 500, Add	0.59	
For >1,000 To 5,000, Deduct	-0.28	
For >5,000, Deduct	-0.52	
32 14 13 16-0005 SF 2-3/8" Thick, >144 SI Precast Concrete Paver .....	5.81	1.28
Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
For 2-3/4" Concrete Paver, Add	0.62	
For 3-1/8" Concrete Paver, Add	1.00	
For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.42	
For Installation Of Owner Furnished Material, Deduct	-3.25	
For Up To 100, Add	2.09	
For >100 To 500, Add	0.55	
For >1,000 To 5,000, Deduct	-0.26	
For >5,000, Deduct	-0.48	
32 14 13 16-0006 SF 2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns .....	6.20	1.47
Note: Patterns made by combining pavers from two or more size groups.		
For 2-3/4" Concrete Paver, Add	0.64	
For 3-1/8" Concrete Paver, Add	1.03	
For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.46	
For Installation Of Owner Furnished Material, Deduct	-3.25	
For Up To 100, Add	2.29	
For >100 To 500, Add	0.61	
For >1,000 To 5,000, Deduct	-0.30	
For >5,000, Deduct	-0.54	

**32 14 16 Brick Unit Paving (32 14)**

**32 14 16 00-0001 Brick Paver Sidewalk (32 14 16)**

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 14 Unit Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16 00-0002	SF		4" x 8" x 2-1/4" Brick Paver, Laid Flat .....	7.77	1.69
			For 1-3/8" Thick Paver, Deduct	-1.70	
			For 2-3/4" Thick Paver (Vehicular), Add	3.90	
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.56	
			For Installation Of Owner Furnished Material, Deduct	-4.37	
			For Up To 100, Add	2.79	
			For >100 To 500, Add	0.73	
			For >1,000 To 5,000, Deduct	-0.34	
			For >5,000, Deduct	-0.64	
32 14 16 00-0003	SF		4" x 8" x 2-1/4" Brick, Laid On Edge.....	11.63	1.93
			For 1-3/8" Thick Paver, Deduct	-2.91	
			For 2-3/4" Thick Paver (Vehicular), Add	6.82	
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.78	
			For Installation Of Owner Furnished Material, Deduct	-7.76	
			For Up To 100, Add	3.88	
			For >100 To 500, Add	0.97	
			For >1,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.81	
<b>32 14 40 Stone Paving <sup>(32 14)</sup></b>					
<b>32 14 40 00-0001 Slate Paver Sidewalk <sup>(32 14 40)</sup></b>					
Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.					
32 14 40 00-0002	SF		1" Thick, Up to 54 SI Slate Paver.....	11.07	1.41
			Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.69	
			For 1/4" Thick Paver, Deduct	-5.99	
			For 1/2" Thick Paver, Deduct	-4.22	
			For Installation Of Owner Furnished Material, Deduct	-8.25	
			For Up To 100, Add	3.47	
			For >100 To 500, Add	0.84	
			For >1,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.67	
32 14 40 00-0003	SF		1" Thick, >54 to 108 SI Slate Paver .....	10.81	1.28
			Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.67	
			For 1/4" Thick Paver, Deduct	-5.92	
			For 1/2" Thick Paver, Deduct	-4.18	
			For Installation Of Owner Furnished Material, Deduct	-8.25	
			For Up To 100, Add	3.34	
			For >100 To 500, Add	0.80	
			For >1,000 To 5,000, Deduct	-0.26	
			For >5,000, Deduct	-0.63	
32 14 40 00-0004	SF		1" Thick, >108 to 216 SI Slate Paver .....	10.36	1.06
			Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.62	
			For 1/4" Thick Paver, Deduct	-5.81	
			For 1/2" Thick Paver, Deduct	-4.11	
			For Installation Of Owner Furnished Material, Deduct	-8.25	
			For Up To 100, Add	3.12	
			For >100 To 500, Add	0.73	
			For >1,000 To 5,000, Deduct	-0.21	
			For >5,000, Deduct	-0.56	
32 14 40 00-0005	SF		1" Thick, >216 SI Slate Paver .....	10.17	0.96
			Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.60	
			For 1/4" Thick Paver, Deduct	-5.76	
			For 1/2" Thick Paver, Deduct	-4.08	
			For Installation Of Owner Furnished Material, Deduct	-8.25	
			For Up To 100, Add	3.02	
			For >100 To 500, Add	0.70	
			For >1,000 To 5,000, Deduct	-0.19	
			For >5,000, Deduct	-0.54	
32 14 40 00-0006	SF		1" Thick, Slate Paver, Combinations And Patterns.....	10.56	1.16
			Note: Patterns made by combining pavers from two or more size groups.		
			For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.64	
			For 1/4" Thick Paver, Deduct	-5.86	
			For 1/2" Thick Paver, Deduct	-4.14	
			For Installation Of Owner Furnished Material, Deduct	-8.25	
			For Up To 100, Add	3.22	
			For >100 To 500, Add	0.76	
			For >1,000 To 5,000, Deduct	-0.23	
			For >5,000, Deduct	-0.59	
<b>32 14 40 00-0007 Granite Paver Sidewalk <sup>(32 14 40)</sup></b>					
Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.					



			<b>Exterior Improvements</b>	<b>32</b>
			<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
			Unit Paving	32 14

32

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver ..... Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For 5" Granite Paver, Add</i> <i>For Installation Of Owner Furnished Material, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	12.82 0.78 0.64 1.28 1.42 2.06 -10.00 3.91 0.92 -0.28 -0.72		1.41
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver ..... Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For 5" Granite Paver, Add</i> <i>For Installation Of Owner Furnished Material, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	12.56 0.76 0.63 1.26 1.38 2.01 -10.00 3.78 0.88 -0.26 -0.68		1.28
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver ..... Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For 5" Granite Paver, Add</i> <i>For Installation Of Owner Furnished Material, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	12.11 0.71 0.61 1.21 1.32 1.92 -10.00 3.56 0.82 -0.21 -0.62		1.06
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver ..... Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For 5" Granite Paver, Add</i> <i>For Installation Of Owner Furnished Material, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	11.92 0.69 0.60 1.19 1.29 1.88 -10.00 3.46 0.79 -0.19 -0.59		0.96
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns ..... Note: Patterns made by combining pavers from two or more size groups. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For 5" Granite Paver, Add</i> <i>For Installation Of Owner Furnished Material, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	12.31 0.73 0.62 1.23 1.35 1.96 -10.00 3.66 0.85 -0.23 -0.65		1.16
<b>32 14 43 Porous Unit Paving</b> (32 14)					
32 14 43 00-0001		<b>Turf Block</b> (32 14 43) Note: Grass grid, open-cell unit paver, geoblock.			
32 14 43 00-0002	SF	3-1/8" Thick, Precast Concrete Turf Block ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	6.27 2.31 0.61 -0.30 -0.54		1.47
32 14 43 00-0003	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 500, Add</i> <i>For &gt;1,000 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	9.54 3.12 0.77 -0.30 -0.64		1.47
<b>32 15 Aggregate Surfacing</b> (32 10)					
<b>32 15 40 Crushed Stone Surfacing</b> (32 15)					
Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.					
32 15 40 00-0001		<b>Gravel Surfacing And Spreading</b> (32 15 40) Note: Includes delivered material, placement, rolling and compaction water.			
32 15 40 00-0002	CY	Gravel Surfacing And Spreading .....	54.82		

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 15 Aggregate Surfacing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 15 40 00-0003	Limestone Screenings <sup>(32 15 40)</sup>		
	Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004	CY Limestone Screenings For Trail .....		34.41

**32 16 Curbs, Gutters, Sidewalks, And Driveways <sup>(32 16)</sup>****32 16 13 Curbs And Gutters <sup>(32 16)</sup>**

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0043 for additional saw cuts within the 100'.

**32 16 13 13 Cast-In-Place Concrete Curbs And Gutters <sup>(32 16 13)</sup>**

Note: Includes concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001	Concrete Curb, Cast In Place <sup>(32 16 13 13)</sup>		
	Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0002	LF 6" x 12" Cast In Place Concrete Curb .....	9.29	4.49
	For Up To 20, Add	5.45	
	For >20 To 50, Add	3.09	
	For >50 To 100, Add	1.18	
	For >500 To 1,000, Deduct	-1.18	
	For >1,000, Deduct	-2.01	
32 16 13 13-0003	LF 6" x 12" Cast In Place Concrete Curb - Radius .....	10.62	5.17
	For Up To 20, Add	6.28	
	For >20 To 50, Add	3.56	
	For >50 To 100, Add	1.36	
	For >500 To 1,000, Deduct	-1.36	
	For >1,000, Deduct	-2.31	
32 16 13 13-0004	LF 6" x 14" Cast In Place Concrete Curb .....	10.24	4.49
	For Up To 20, Add	5.98	
	For >20 To 50, Add	3.38	
	For >50 To 100, Add	1.30	
	For >500 To 1,000, Deduct	-1.30	
	For >1,000, Deduct	-2.20	
32 16 13 13-0005	LF 6" x 14" Cast In Place Concrete Curb - Radius .....	11.70	5.17
	For Up To 20, Add	6.89	
	For >20 To 50, Add	3.90	
	For >50 To 100, Add	1.49	
	For >500 To 1,000, Deduct	-1.49	
	For >1,000, Deduct	-2.53	
32 16 13 13-0006	LF 6" x 16" Cast In Place Concrete Curb .....	11.32	4.49
	For Up To 20, Add	6.53	
	For >20 To 50, Add	3.69	
	For >50 To 100, Add	1.42	
	For >500 To 1,000, Deduct	-1.42	
	For >1,000, Deduct	-2.41	
32 16 13 13-0007	LF 6" x 16" Cast In Place Concrete Curb - Radius .....	12.90	6.73
	For Up To 20, Add	7.52	
	For >20 To 50, Add	4.25	
	For >50 To 100, Add	1.63	
	For >500 To 1,000, Deduct	-1.63	
	For >1,000, Deduct	-2.77	
32 16 13 13-0008	LF 6" x 18" Cast In Place Concrete Curb .....	12.17	4.49
	For Up To 20, Add	6.97	
	For >20 To 50, Add	3.94	
	For >50 To 100, Add	1.52	
	For >500 To 1,000, Deduct	-1.52	
	For >1,000, Deduct	-2.58	
32 16 13 13-0009	LF 6" x 18" Cast In Place Concrete Curb - Radius .....	13.73	5.17
	For Up To 20, Add	7.91	
	For >20 To 50, Add	4.47	
	For >50 To 100, Add	1.72	
	For >500 To 1,000, Deduct	-1.72	
	For >1,000, Deduct	-2.92	
32 16 13 13-0010	LF 6" x 24" Cast In Place Concrete Curb .....	14.15	4.94
	For Up To 20, Add	7.82	
	For >20 To 50, Add	4.41	
	For >50 To 100, Add	1.71	
	For >500 To 1,000, Deduct	-1.71	
	For >1,000, Deduct	-2.91	
32 16 13 13-0011	LF 6" x 24" Cast In Place Concrete Curb - Radius .....	15.80	5.61
	For Up To 20, Add	8.77	
	For >20 To 50, Add	4.95	
	For >50 To 100, Add	1.91	
	For >500 To 1,000, Deduct	-1.91	
	For >1,000, Deduct	-3.26	
32 16 13 13-0012	LF 8" x 24" Cast In Place Concrete Curb .....	15.43	4.94
	For Up To 20, Add	8.08	
	For >20 To 50, Add	4.54	
	For >50 To 100, Add	1.77	
	For >500 To 1,000, Deduct	-1.77	
	For >1,000, Deduct	-3.04	



<b>Exterior Improvements</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
<b>Curbs, Gutters, Sidewalks, And Driveways</b>	<b>32 16</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0013	LF		8" x 24" Cast In Place Concrete Curb - Radius.....	17.22	5.61
			<i>For Up To 20, Add</i>	9.05	
			<i>For &gt;20 To 50, Add</i>	5.09	
			<i>For &gt;50 To 100, Add</i>	1.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.98	
			<i>For &gt;1,000, Deduct</i>	-3.41	
32 16 13 13-0014	LF		12" x 24" Cast In Place Concrete Curb.....	19.25	5.61
			<i>For Up To 20, Add</i>	9.47	
			<i>For &gt;20 To 50, Add</i>	5.29	
			<i>For &gt;50 To 100, Add</i>	2.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.09	
			<i>For &gt;1,000, Deduct</i>	-3.61	
32 16 13 13-0015	LF		12" x 24" Cast In Place Concrete Curb - Radius.....	21.40	6.29
			<i>For Up To 20, Add</i>	10.57	
			<i>For &gt;20 To 50, Add</i>	5.91	
			<i>For &gt;50 To 100, Add</i>	2.33	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.33	
			<i>For &gt;1,000, Deduct</i>	-4.03	
32 16 13 13-0016	EA		Additional Finish For Handicap Drop Section In Curb.....	33.68	
<b>32 16 13 13-0017</b>			<b>Curb And Gutter Combined, Cast In Place</b> <small>(32 16 13 13)</small>		
			Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.		
32 16 13 13-0018	LF		6" x 12" Concrete Gutter With 6" Curb And Face - Straight.....	13.37	5.70
			<i>For Up To 20, Add</i>	9.02	
			<i>For &gt;20 To 50, Add</i>	5.01	
			<i>For &gt;50 To 100, Add</i>	2.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.67	
			<i>For &gt;1,000, Deduct</i>	-2.84	
			<i>For Rolled Curb And Gutter</i>	0.81	
32 16 13 13-0019	LF		6" x 12" Concrete Gutter With 6" Curb And Face - Radius.....	14.58	7.60
			<i>For Up To 20, Add</i>	9.84	
			<i>For &gt;20 To 50, Add</i>	5.47	
			<i>For &gt;50 To 100, Add</i>	2.19	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.82	
			<i>For &gt;1,000, Deduct</i>	-3.10	
			<i>For Rolled Curb And Gutter</i>	0.89	
32 16 13 13-0020	LF		6" x 18" Concrete Gutter With 6" Curb And Face - Straight.....	17.04	6.32
			<i>For Up To 20, Add</i>	11.48	
			<i>For &gt;20 To 50, Add</i>	6.37	
			<i>For &gt;50 To 100, Add</i>	2.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.11	
			<i>For &gt;1,000, Deduct</i>	-3.59	
			<i>For Rolled Curb And Gutter</i>	1.02	
32 16 13 13-0021	LF		6" x 18" Concrete Gutter With 6" Curb And Face - Radius.....	18.80	7.04
			<i>For Up To 20, Add</i>	12.68	
			<i>For &gt;20 To 50, Add</i>	7.04	
			<i>For &gt;50 To 100, Add</i>	2.82	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.34	
			<i>For &gt;1,000, Deduct</i>	-3.98	
			<i>For Rolled Curb And Gutter</i>	1.14	
32 16 13 13-0022	LF		6" x 24" Concrete Gutter With 6" Curb And Face - Straight.....	20.71	7.60
			<i>For Up To 20, Add</i>	13.95	
			<i>For &gt;20 To 50, Add</i>	7.73	
			<i>For &gt;50 To 100, Add</i>	3.11	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.56	
			<i>For &gt;1,000, Deduct</i>	-4.35	
			<i>For Rolled Curb And Gutter</i>	1.22	
32 16 13 13-0023	LF		6" x 24" Concrete Gutter With 6" Curb And Face - Radius.....	23.04	8.55
			<i>For Up To 20, Add</i>	15.54	
			<i>For &gt;20 To 50, Add</i>	8.62	
			<i>For &gt;50 To 100, Add</i>	3.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.86	
			<i>For &gt;1,000, Deduct</i>	-4.87	
			<i>For Rolled Curb And Gutter</i>	1.38	
32 16 13 13-0024	LF		6" x 30" Concrete Gutter With 6" Curb And Face - Straight.....	24.63	9.03
			<i>For Up To 20, Add</i>	16.59	
			<i>For &gt;20 To 50, Add</i>	9.20	
			<i>For &gt;50 To 100, Add</i>	3.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.04	
			<i>For &gt;1,000, Deduct</i>	-5.17	
			<i>For Rolled Curb And Gutter</i>	1.45	
32 16 13 13-0025	LF		6" x 30" Concrete Gutter With 6" Curb And Face - Radius.....	27.04	9.99
			<i>For Up To 20, Add</i>	18.22	
			<i>For &gt;20 To 50, Add</i>	10.11	
			<i>For &gt;50 To 100, Add</i>	4.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.35	
			<i>For &gt;1,000, Deduct</i>	-5.70	
			<i>For Rolled Curb And Gutter</i>	1.61	
32 16 13 13-0026	LF		6" x 36" Concrete Gutter With 6" Curb And Face - Straight.....	28.54	10.46
			<i>For Up To 20, Add</i>	19.22	
			<i>For &gt;20 To 50, Add</i>	10.65	
			<i>For &gt;50 To 100, Add</i>	4.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.52	
			<i>For &gt;1,000, Deduct</i>	-5.99	
			<i>For Rolled Curb And Gutter</i>	1.67	

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0027	LF		6" x 36" Concrete Gutter With 6" Curb And Face - Radius .....	31.04	11.42
			<i>For Up To 20, Add</i> .....	20.91	
			<i>For &gt;20 To 50, Add</i> .....	11.59	
			<i>For &gt;50 To 100, Add</i> .....	4.66	
			<i>For &gt;500 To 1,000, Deduct</i> .....	-3.83	
			<i>For &gt;1,000, Deduct</i> .....	-6.53	
			<i>For Rolled Curb And Gutter</i> .....	1.83	
32 16 13 13-0028	LF		6" x 42" Concrete Gutter With 6" Curb And Face - Straight .....	32.45	11.89
			<i>For Up To 20, Add</i> .....	21.85	
			<i>For &gt;20 To 50, Add</i> .....	12.11	
			<i>For &gt;50 To 100, Add</i> .....	4.87	
			<i>For &gt;500 To 1,000, Deduct</i> .....	-4.00	
			<i>For &gt;1,000, Deduct</i> .....	-6.81	
			<i>For Rolled Curb And Gutter</i> .....	1.90	
32 16 13 13-0029	LF		6" x 42" Concrete Gutter With 6" Curb And Face - Radius .....	35.98	13.32
			<i>For Up To 20, Add</i> .....	24.25	
			<i>For &gt;20 To 50, Add</i> .....	13.46	
			<i>For &gt;50 To 100, Add</i> .....	5.40	
			<i>For &gt;500 To 1,000, Deduct</i> .....	-4.46	
			<i>For &gt;1,000, Deduct</i> .....	-7.59	
			<i>For Rolled Curb And Gutter</i> .....	2.15	
<b>32 16 13 14</b>			<b>Machine Formed, Slip Form Curbs</b> <small>(32 16 13)</small>		
			Note: Includes delivered concrete, steel, expansion joints and finish.		
<b>32 16 13 14-0001</b>			<b>Curbs, Machine Formed, Slip Form</b> <small>(32 16 13 14)</small>		
			Note: Includes delivered concrete, steel, expansion joints and finish.		
32 16 13 14-0002	JOB		Machine Formed Curb Minimum Set-Up Charge .....	734.60	
			Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0003	LF		6" x 12" Straight Curb, Machine Formed.....	7.67	
32 16 13 14-0004	LF		6" x 12" Curved Curb, Machine Formed .....	10.10	
32 16 13 14-0005	LF		6" x 18" Straight Curb, Machine Formed.....	10.19	
32 16 13 14-0006	LF		6" x 18" Curved Curb, Machine Formed .....	12.92	
<b>32 16 13 16</b>			<b>Steel Faced Curbs</b> <small>(32 16 13)</small>		
			Note: Fabrication includes handicap and other curb access cuts.		
<b>32 16 13 16-0001</b>			<b>Sidewalk/Curb Facing</b> <small>(32 16 13 16)</small>		
			Note: Fabrication includes handicap and other curb access cuts.		
32 16 13 16-0002	LF		3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	11.67	2.67
			<i>For Curved Section, Add</i> .....	2.16	
32 16 13 16-0003	LF		4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	12.73	3.04
			<i>For Curved Section, Add</i> .....	2.41	
32 16 13 16-0004	LF		6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	17.90	3.40
			<i>For Curved Section, Add</i> .....	3.07	
32 16 13 16-0005	LF		8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	22.41	3.82
			<i>For Curved Section, Add</i> .....	3.66	
32 16 13 16-0006	LF		10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	27.95	4.19
			<i>For Curved Section, Add</i> .....	4.36	
32 16 13 16-0007	LF		12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	36.71	5.34
			<i>For Curved Section, Add</i> .....	5.66	
32 16 13 16-0008	LF		13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center .....	41.48	6.92
			<i>For Curved Section, Add</i> .....	6.73	
32 16 13 16-0009	EA		Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section.....	137.92	
<b>32 16 13 23</b>			<b>Precast Concrete Curbs And Gutters</b> <small>(32 16 13)</small>		
<b>32 16 13 23-0001</b>			<b>Precast Concrete Curb</b> <small>(32 16 13 23)</small>		
32 16 13 23-0002	LF		6" X 18" Precast Concrete Curb.....	23.64	4.68
32 16 13 23-0003	LF		6" X 18" Precast Concrete Curb, Radius .....	28.49	5.38
<b>32 16 13 33</b>			<b>Asphalt Curbs</b> <small>(32 16 13)</small>		
<b>32 16 13 33-0001</b>			<b>Asphalt Curbs</b> <small>(32 16 13 33)</small>		
32 16 13 33-0002	LF		6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain .....	6.97	2.73
32 16 13 33-0003	LF		8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain .....	7.86	3.04
32 16 13 33-0004	LF		8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain .....	8.67	3.34
<b>32 16 13 43</b>			<b>Stone Curbs</b> <small>(32 16 13)</small>		
<b>32 16 13 43-0001</b>			<b>Granite Curbs</b> <small>(32 16 13 43)</small>		
<b>32 16 13 43-0002</b>			<b>Split Face Granite Curbs</b> <small>(32 16 13 43-0001)</small>		
32 16 13 43-0003	LF		4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section .....	15.12	4.79
			<i>For Up To 20, Add</i> .....	6.23	
			<i>For &gt;20 To 50, Add</i> .....	3.44	
			<i>For &gt;50 To 100, Add</i> .....	1.40	
			<i>For &gt;500 To 1,000, Deduct</i> .....	-1.40	
			<i>For &gt;1,000, Deduct</i> .....	-2.47	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
		<b>Curbs, Gutters, Sidewalks, And Driveways</b>	<b>32 16</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0004	LF		6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section .....	17.89	5.24
			<i>For Up To 20, Add</i>	7.07	
			<i>For &gt;20 To 50, Add</i>	3.88	
			<i>For &gt;50 To 100, Add</i>	1.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.59	
			<i>For &gt;1,000, Deduct</i>	-2.84	
32 16 13 43-0005	LF		4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section .....	19.73	5.63
			<i>For Up To 20, Add</i>	7.69	
			<i>For &gt;20 To 50, Add</i>	4.22	
			<i>For &gt;50 To 100, Add</i>	1.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.74	
			<i>For &gt;1,000, Deduct</i>	-3.10	
32 16 13 43-0006	LF		6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section .....	23.37	6.08
			<i>For Up To 20, Add</i>	8.70	
			<i>For &gt;20 To 50, Add</i>	4.75	
			<i>For &gt;50 To 100, Add</i>	1.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.97	
			<i>For &gt;1,000, Deduct</i>	-3.54	
32 16 13 43-0007	LF		4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section .....	18.65	5.24
			<i>For Up To 20, Add</i>	7.20	
			<i>For &gt;20 To 50, Add</i>	3.95	
			<i>For &gt;50 To 100, Add</i>	1.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.63	
			<i>For &gt;1,000, Deduct</i>	-2.91	
32 16 13 43-0008	LF		6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section .....	21.40	5.63
			<i>For Up To 20, Add</i>	8.03	
			<i>For &gt;20 To 50, Add</i>	4.39	
			<i>For &gt;50 To 100, Add</i>	1.82	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.82	
			<i>For &gt;1,000, Deduct</i>	-3.26	
32 16 13 43-0009	LF		4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section .....	23.30	6.08
			<i>For Up To 20, Add</i>	8.69	
			<i>For &gt;20 To 50, Add</i>	4.75	
			<i>For &gt;50 To 100, Add</i>	1.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.97	
			<i>For &gt;1,000, Deduct</i>	-3.54	
32 16 13 43-0010	LF		6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section .....	26.93	6.47
			<i>For Up To 20, Add</i>	9.69	
			<i>For &gt;20 To 50, Add</i>	5.28	
			<i>For &gt;50 To 100, Add</i>	2.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.21	
			<i>For &gt;1,000, Deduct</i>	-3.98	
<b>32 16 13 43-0011</b>			<b>Sawn Face Granite Curbs</b> <small>(32 16 13 43-0001)</small>		
32 16 13 43-0012	LF		4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section .....	15.12	4.79
			<i>For Up To 20, Add</i>	6.23	
			<i>For &gt;20 To 50, Add</i>	3.44	
			<i>For &gt;50 To 100, Add</i>	1.40	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.40	
			<i>For &gt;1,000, Deduct</i>	-2.47	
32 16 13 43-0013	LF		6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section .....	17.89	5.24
			<i>For Up To 20, Add</i>	7.07	
			<i>For &gt;20 To 50, Add</i>	3.88	
			<i>For &gt;50 To 100, Add</i>	1.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.59	
			<i>For &gt;1,000, Deduct</i>	-2.84	
32 16 13 43-0014	LF		4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section .....	19.77	5.63
			<i>For Up To 20, Add</i>	7.72	
			<i>For &gt;20 To 50, Add</i>	4.24	
			<i>For &gt;50 To 100, Add</i>	1.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.74	
			<i>For &gt;1,000, Deduct</i>	-3.11	
32 16 13 43-0015	LF		6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section .....	23.41	6.08
			<i>For Up To 20, Add</i>	8.73	
			<i>For &gt;20 To 50, Add</i>	4.77	
			<i>For &gt;50 To 100, Add</i>	1.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.98	
			<i>For &gt;1,000, Deduct</i>	-3.55	
32 16 13 43-0016	LF		4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section .....	21.12	5.24
			<i>For Up To 20, Add</i>	7.71	
			<i>For &gt;20 To 50, Add</i>	4.21	
			<i>For &gt;50 To 100, Add</i>	1.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.75	
			<i>For &gt;1,000, Deduct</i>	-3.16	
32 16 13 43-0017	LF		6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section .....	25.23	5.63
			<i>For Up To 20, Add</i>	8.81	
			<i>For &gt;20 To 50, Add</i>	4.78	
			<i>For &gt;50 To 100, Add</i>	2.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.01	
			<i>For &gt;1,000, Deduct</i>	-3.65	

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0018 LF 4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section .....	27.95	6.08
For Up To 20, Add	9.64	
For >20 To 50, Add	5.22	
For >50 To 100, Add	2.21	
For >500 To 1,000, Deduct	-2.21	
For >1,000, Deduct	-4.01	
32 16 13 43-0019 LF 6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section .....	33.50	6.47
For Up To 20, Add	11.02	
For >20 To 50, Add	5.94	
For >50 To 100, Add	2.54	
For >500 To 1,000, Deduct	-2.54	
For >1,000, Deduct	-4.65	
<b>32 16 13 43-0020 Granite Base And Curbs</b> (32 16 13 43-0001)		
32 16 13 43-0021 LF 4" High Granite Base .....	17.12	6.25
For Up To 20, Add	7.57	
For >20 To 50, Add	4.20	
For >50 To 100, Add	1.69	
For >500 To 1,000, Deduct	-1.69	
For >1,000, Deduct	-2.96	
32 16 13 43-0022 LF 6" High Granite Base .....	20.10	8.18
For Up To 20, Add	9.47	
For >20 To 50, Add	5.28	
For >50 To 100, Add	2.09	
For >500 To 1,000, Deduct	-2.09	
For >1,000, Deduct	-3.64	
<b>32 16 13 43-0023 Remove And Reset Stone And Precast Curbing</b> (32 16 13 43)		
Note: Includes storage and cleaning.		
32 16 13 43-0024 LF Remove And Reset Stone Or Precast Curbing .....	18.40	
Note: Includes storage and cleaning.		
<b>32 16 23 Sidewalks</b> (32 16)		
<b>32 16 23 00-0001 Cast In Place Concrete Sidewalk</b> (32 16 23)		
Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 03 05 00 00-0001 for color additive, 03 31 13 00-0095 for buggies, 03 31 13 00-0102 for short loads, 32 11 23 16-0001 for base course.		
32 16 23 00-0002 SF 4" Cast In Place Concrete Sidewalk .....	4.72	
For Up To 100, Add	1.95	
For >100 To 500, Add	0.54	
For >1,000 To 5,000, Deduct	-0.31	
For >5,000, Deduct	-0.70	
For Welded Wire Reinforcement, Add	0.39	
For Radius/Curved Sidewalk, Add	0.36	
Note: Applies only to area of section at curve.		
32 16 23 00-0003 SF 5" Cast In Place Concrete Sidewalk .....	5.19	
For Up To 100, Add	2.10	
For >100 To 500, Add	0.58	
For >1,000 To 5,000, Deduct	-0.32	
For >5,000, Deduct	-0.74	
For Welded Wire Reinforcement, Add	0.40	
For Radius/Curved Sidewalk, Add	0.37	
Note: Applies only to area of section at curve.		
32 16 23 00-0004 SF 6" Cast In Place Concrete Sidewalk .....	5.66	
For Up To 100, Add	2.24	
For >100 To 500, Add	0.61	
For >1,000 To 5,000, Deduct	-0.33	
For >5,000, Deduct	-0.78	
For Welded Wire Reinforcement, Add	0.41	
For Radius/Curved Sidewalk, Add	0.38	
Note: Applies only to area of section at curve.		
32 16 23 00-0005 SF 7" Cast In Place Concrete Sidewalk .....	6.64	
For Up To 100, Add	2.60	
For >100 To 500, Add	0.71	
For >1,000 To 5,000, Deduct	-0.38	
For >5,000, Deduct	-0.90	
For Welded Wire Reinforcement, Add	0.44	
For Radius/Curved Sidewalk, Add	0.43	
Note: Applies only to area of section at curve.		
32 16 23 00-0006 SF 8" Cast In Place Concrete Sidewalk .....	7.05	
For Up To 100, Add	2.72	
For >100 To 500, Add	0.73	
For >1,000 To 5,000, Deduct	-0.38	
For >5,000, Deduct	-0.93	
For Welded Wire Reinforcement, Add	0.45	
For Radius/Curved Sidewalk, Add	0.43	
Note: Applies only to area of section at curve.		
32 16 23 00-0007 SF For Exposed Aggregate Finish In Sidewalk .....	1.10	
32 16 23 00-0008 LF For Hand Trowel Finish At Sidewalk Edges (Picture Frame) .....	1.10	





<b>Exterior Improvements</b>	<b>32</b>	
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	<b>32</b>
<b>Curbs, Gutters, Sidewalks, And Driveways</b>	<b>32 16</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0009	EA		Finish Concrete Handicap Drop Section In Sidewalk..... Note: Excludes patterned (tactile) finish.	65.92	
32 16 23 00-0010	SF		For Handicap Ramp From Parking Area To Sidewalk ..... Note: 1 to 12 slope with tactile finish.	8.99	
<b>32 16 23 00-0011</b>			<b>Bituminous Sidewalk</b> <small>(32 16 23)</small> Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.		
32 16 23 00-0012	SY		1" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	5.11 1.79 0.46 -0.21 -0.46	
32 16 23 00-0013	SY		1-1/2" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	6.47 2.24 0.57 -0.25 -0.57	
32 16 23 00-0014	SY		2" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	9.14 3.05 0.76 -0.31 -0.76	
32 16 23 00-0015	SY		2-1/2" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	11.45 3.81 0.95 -0.38 -0.95	
32 16 23 00-0016	SY		3" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	13.30 4.36 1.08 -0.41 -1.08	
32 16 23 00-0017	SY		3-1/2" Bituminous Sidewalk ..... For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	15.47 5.00 1.23 -0.45 -1.23	
<b>32 17 Paving Specialties</b> <small>(32 10)</small>					
<b>32 17 13 Parking Bumpers</b> <small>(32 17)</small>			Note: Includes dowels set.		
<b>32 17 13 19 Precast Concrete Parking Bumpers</b> <small>(32 17 13)</small>					
32 17 13 19-0001	EA		6" x 8" x 4' Precast Concrete Wheel Stop.....	31.31	9.76
32 17 13 19-0002	EA		6" x 6" x 6' Precast Concrete Wheel Stop.....	36.60	9.76
32 17 13 19-0003	EA		6" x 8" x 6' Precast Concrete Wheel Stop.....	37.51	9.76
32 17 13 19-0004	EA		6" x 10" x 6' Precast Concrete Wheel Stop.....	39.38	9.76
32 17 13 19-0005	EA		8" x 4-1/2" x 6' Precast Concrete Wheel Stop.....	36.60	9.76
32 17 13 19-0006	EA		8" x 13" x 6' Precast Concrete Wheel Stop.....	46.92	9.76
<b>32 17 16 Speed Bumps</b> <small>(32 17)</small>					
<b>32 17 16 00-0001 Speed Bumps</b> <small>(32 17 16)</small>			Note: Excludes pavement markings or reflectors.		
32 17 16 00-0002	LF		2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump .....	21.49	0.85
32 17 16 00-0003	LF		2-1/4" High x 12" Wide, Recycled Rubber Speed Bump.....	22.40	0.56
32 17 16 00-0004	LF		2-5/8" High x 12" Wide, Recycled Plastic Speed Bump.....	33.33	0.56
<b>32 17 23 Pavement Markings</b> <small>(32 17)</small>					
<b>32 17 23 13 Painted Pavement Markings</b> <small>(32 17 23)</small>					
<b>32 17 23 13-0001 Pavement Striping, Letters, Symbols And Markers For Roads</b> <small>(32 17 23 13)</small>			Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
<b>32 17 23 13-0002 Epoxy Reflective Pavement Marking</b> <small>(32 17 23 13-0001)</small>			Note: 15 mil thickness.		
32 17 23 13-0003	LF		Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping..... For 20 Mil Thickness, Add For Up To 1 Mile, Add For >5 Miles, Deduct For Broken Line, Deduct	0.34 0.10 0.07 -0.05 -0.17	
32 17 23 13-0004	LF		Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping..... For 20 Mil Thickness, Add For Up To 1 Mile, Add For >5 Miles, Deduct For Broken Line, Deduct	0.47 0.15 0.09 -0.07 -0.26	

<b>32</b>	<b>Exterior Improvements</b>
<b>32 10</b>	<b>Bases, Ballasts, And Paving</b>
<b>32 17</b>	<b>Paving Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0005	LF		Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.57	
			For 20 Mil Thickness, Add	0.18	
			For Up To 1 Mile, Add	0.11	
			For >5 Miles, Deduct	-0.09	
			For Broken Line, Deduct	-0.31	
32 17 23 13-0006	LF		Single 10" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.70	
			For 20 Mil Thickness, Add	0.22	
			For Up To 1 Mile, Add	0.14	
			For >5 Miles, Deduct	-0.11	
			For Broken Line, Deduct	-0.38	
32 17 23 13-0007	LF		Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.89	
			For 20 Mil Thickness, Add	0.28	
			For Up To 1 Mile, Add	0.18	
			For >5 Miles, Deduct	-0.13	
			For Broken Line, Deduct	-0.50	
32 17 23 13-0008	LF		Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.56	
			For 20 Mil Thickness, Add	0.18	
			For Up To 1 Mile, Add	0.11	
			For >5 Miles, Deduct	-0.08	
			For Broken Line On One Side, Deduct	-0.17	
			For Double Broken Line, Deduct	-0.34	
32 17 23 13-0009	LF		Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.80	
			For 20 Mil Thickness, Add	0.26	
			For Up To 1 Mile, Add	0.16	
			For >5 Miles, Deduct	-0.12	
			For Broken Line On One Side, Deduct	-0.25	
			For Double Broken Line, Deduct	-0.50	
32 17 23 13-0010	SF		Solid Area, Epoxy Reflective Pavement Marking.....	3.79	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			For 20 Mil Thickness, Add	0.55	
32 17 23 13-0011	EA		6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	2.25	
			For 20 Mil Thickness, Add	0.27	
			For <10, Add	0.27	
			For >50 To 100, Deduct	-0.13	
			For >100 To 200, Deduct	-0.18	
			For >200, Deduct	-0.35	
32 17 23 13-0012	EA		12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	4.41	
			For 20 Mil Thickness, Add	0.74	
			For <10, Add	0.40	
			For >50 To 100, Deduct	-0.20	
			For >100 To 200, Deduct	-0.27	
			For >200, Deduct	-0.53	
32 17 23 13-0013	EA		24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	7.49	
			For 20 Mil Thickness, Add	1.28	
			For <10, Add	0.66	
			For >50 To 100, Deduct	-0.33	
			For >100 To 200, Deduct	-0.44	
			For >200, Deduct	-0.89	
32 17 23 13-0014	EA		36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	14.24	
			For 20 Mil Thickness, Add	2.32	
			For <10, Add	1.33	
			For >50 To 100, Deduct	-0.66	
			For >100 To 200, Deduct	-0.89	
			For >200, Deduct	-1.77	
32 17 23 13-0015	EA		48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	16.93	
			For 20 Mil Thickness, Add	2.92	
			For <10, Add	1.49	
			For >50 To 100, Deduct	-0.75	
			For >100 To 200, Deduct	-0.99	
			For >200, Deduct	-1.99	
32 17 23 13-0016	EA		72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	30.44	
			For 20 Mil Thickness, Add	5.30	
			For <10, Add	2.65	
			For >50 To 100, Deduct	-1.33	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-3.53	
32 17 23 13-0017	EA		96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	40.55	
			For 20 Mil Thickness, Add	7.00	
			For <10, Add	3.56	
			For >50 To 100, Deduct	-1.78	
			For >100 To 200, Deduct	-2.37	
			For >200, Deduct	-4.75	
32 17 23 13-0018	EA		120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	66.92	
			For 20 Mil Thickness, Add	14.23	
			For <10, Add	4.41	
			For >50 To 100, Deduct	-2.21	
			For >100 To 200, Deduct	-2.94	
			For >200, Deduct	-5.88	
32 17 23 13-0019	EA		Bike Lane Symbol, Epoxy Reflective Pavement Marking.....	55.92	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			For 20 Mil Thickness, Add	13.92	
32 17 23 13-0020	EA		Railroad Crossing Symbol, Epoxy Reflective Pavement Marking.....	236.60	
			Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
			For 20 Mil Thickness, Add	67.06	
32 17 23 13-0021	EA		Preferential Lane Symbol (Diamond), Epoxy Reflective Pavement Marking.....	63.99	
			Note: Approximate overall dimensions: 3' width x 12' height.		
			For 20 Mil Thickness, Add	15.72	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
		<b>Paving Specialties</b>	<b>32 17</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0022	EA		Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 3-1/2' width x 10' height.	66.09	
			<i>For 20 Mil Thickness, Add</i>	15.51	
32 17 23 13-0023	EA		Turn Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 6' width x 8' height.	81.82	
			<i>For 20 Mil Thickness, Add</i>	20.76	
32 17 23 13-0024	EA		Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 11' width x 8' height.	131.85	
			<i>For 20 Mil Thickness, Add</i>	36.98	
32 17 23 13-0025	EA		Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 7' width x 13' height.	135.48	
			<i>For 20 Mil Thickness, Add</i>	38.19	
32 17 23 13-0026	EA		Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 9' width x 15' height.	189.58	
			<i>For 20 Mil Thickness, Add</i>	55.99	
32 17 23 13-0027	EA		Elongated Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 5-1/2' width x 12' height.	52.06	
			<i>For 20 Mil Thickness, Add</i>	9.68	
32 17 23 13-0028	EA		Elongated Turn Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 3' width x 12' height.	71.52	
			<i>For 20 Mil Thickness, Add</i>	16.17	
32 17 23 13-0029	EA		Elongated Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 5-1/2' width x 12' height.	93.26	
			<i>For 20 Mil Thickness, Add</i>	22.82	
32 17 23 13-0030	EA		Elongated Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 3-1/2' width x 20' height.	95.88	
			<i>For 20 Mil Thickness, Add</i>	23.70	
32 17 23 13-0031	EA		Elongated Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 3-1/2' width x 20' height.	164.49	
			<i>For 20 Mil Thickness, Add</i>	46.21	
32 17 23 13-0032	EA		Lane-Reduction Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 5-1/2' width x 18' height.	146.42	
			<i>For 20 Mil Thickness, Add</i>	41.13	
32 17 23 13-0033	EA		Wrong-Way Arrow, Epoxy Reflective Pavement Marking..... Note: Approximate overall dimensions: 6' width x 24' height.	140.32	
			<i>For 20 Mil Thickness, Add</i>	39.57	
<b>32 17 23 13-0034</b>			<b>Painted Reflective Pavement Marking</b> <small>(32 17 23 13-0001)</small>		
			Note: 15 mil thickness.		
32 17 23 13-0035	LF		Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.16	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For &gt;5 Miles, Deduct</i>	-0.02	
			<i>For Broken Line, Deduct</i>	-0.04	
32 17 23 13-0036	LF		Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....	0.20	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For &gt;5 Miles, Deduct</i>	-0.03	
			<i>For Broken Line, Deduct</i>	-0.05	
32 17 23 13-0037	LF		Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....	0.25	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For &gt;5 Miles, Deduct</i>	-0.04	
			<i>For Broken Line, Deduct</i>	-0.07	
32 17 23 13-0038	LF		Single 10" Wide Solid Line, Painted Reflective Pavement Striping.....	0.30	
			<i>For Up To 1 Mile, Add</i>	0.06	
			<i>For &gt;5 Miles, Deduct</i>	-0.05	
			<i>For Broken Line, Deduct</i>	-0.08	
32 17 23 13-0039	LF		Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....	0.35	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For &gt;5 Miles, Deduct</i>	-0.05	
			<i>For Broken Line, Deduct</i>	-0.10	
32 17 23 13-0040	LF		Double 4" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For &gt;5 Miles, Deduct</i>	-0.03	
			<i>For Broken Line On One Side, Deduct</i>	-0.03	
			<i>For Double Broken Line, Deduct</i>	-0.07	
32 17 23 13-0041	LF		Double 6" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.35	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For &gt;5 Miles, Deduct</i>	-0.05	
			<i>For Broken Line On One Side, Deduct</i>	-0.05	
			<i>For Double Broken Line, Deduct</i>	-0.10	
32 17 23 13-0042	SF		Solid Area, Painted Reflective Pavement Striping..... Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	2.71	
32 17 23 13-0043	EA		6" High, Letter/Number, Painted Reflective Pavement Marking.....	2.04	
			<i>For &lt;10, Add</i>	0.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.13	
			<i>For &gt;100 To 200, Deduct</i>	-0.18	
			<i>For &gt;200, Deduct</i>	-0.35	
32 17 23 13-0044	EA		12" High, Letter/Number, Painted Reflective Pavement Marking.....	3.63	
			<i>For &lt;10, Add</i>	0.40	
			<i>For &gt;50 To 100, Deduct</i>	-0.20	
			<i>For &gt;100 To 200, Deduct</i>	-0.27	
			<i>For &gt;200, Deduct</i>	-0.53	

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0045 EA 24" High, Letter/Number, Painted Reflective Pavement Marking.....	6.12	
For <10, Add	0.66	
For >50 To 100, Deduct	-0.33	
For >100 To 200, Deduct	-0.44	
For >200, Deduct	-0.89	
32 17 23 13-0046 EA 36" High, Letter/Number, Painted Reflective Pavement Marking.....	11.83	
For <10, Add	1.33	
For >50 To 100, Deduct	-0.66	
For >100 To 200, Deduct	-0.89	
For >200, Deduct	-1.77	
32 17 23 13-0047 EA 48" High, Letter/Number, Painted Reflective Pavement Marking.....	13.80	
For <10, Add	1.49	
For >50 To 100, Deduct	-0.75	
For >100 To 200, Deduct	-0.99	
For >200, Deduct	-1.99	
32 17 23 13-0048 EA 72" High, Letter/Number, Painted Reflective Pavement Marking.....	24.73	
For <10, Add	2.65	
For >50 To 100, Deduct	-1.33	
For >100 To 200, Deduct	-1.77	
For >200, Deduct	-3.53	
32 17 23 13-0049 EA 96" High, Letter/Number, Painted Reflective Pavement Marking.....	33.03	
For <10, Add	3.56	
For >50 To 100, Deduct	-1.78	
For >100 To 200, Deduct	-2.37	
For >200, Deduct	-4.75	
32 17 23 13-0050 EA 120" High, Letter/Number, Painted Reflective Pavement Marking.....	50.15	
For <10, Add	4.41	
For >50 To 100, Deduct	-2.21	
For >100 To 200, Deduct	-2.94	
For >200, Deduct	-5.88	
32 17 23 13-0051 EA Bike Lane Symbol, Painted Reflective Pavement Marking .....	38.60	
Note: Approximate overall dimensions: 4' width x 8' height.		
32 17 23 13-0052 EA Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	150.03	
Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
32 17 23 13-0053 EA Preferential Lane Symbol (Diamond), Painted Reflective Pavement Marking .....	44.51	
Note: Approximate overall dimensions: 3' width x 12' height.		
32 17 23 13-0054 EA Through Lane Arrow, Painted Reflective Pavement Marking.....	47.15	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0055 EA Turn Lane Arrow, Painted Reflective Pavement Marking.....	55.85	
Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0056 EA Dual Turn Lane Arrow, Painted Reflective Pavement Marking .....	84.23	
Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0057 EA Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	86.24	
Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0058 EA Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	116.53	
Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0059 EA Elongated Through Lane Arrow, Painted Reflective Pavement Marking.....	41.28	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
32 17 23 13-0060 EA Elongated Turn Lane Arrow, Painted Reflective Pavement Marking .....	52.04	
Note: Approximate overall dimensions: 3' width x 12' height.		
32 17 23 13-0061 EA Elongated Dual Turn Lane Arrow, Painted Reflective Pavement Marking .....	74.26	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
32 17 23 13-0062 EA Elongated Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	76.93	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
32 17 23 13-0063 EA Elongated Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	104.97	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
32 17 23 13-0064 EA Lane-Reduction Arrow, Painted Reflective Pavement Marking.....	94.18	
Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
32 17 23 13-0065 EA Wrong-Way Arrow, Painted Reflective Pavement Marking .....	122.55	
Note: Approximate overall dimensions: 6' width x 24' height.		
32 17 23 13-0066 Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)		
32 17 23 13-0067 Painted Pavement Marking For Parking Areas (32 17 23 13-0066)		
32 17 23 13-0068 LF Single 4" Wide Solid Line, Painted Pavement Striping for Parking Areas.....	0.55	
32 17 23 13-0069 LF Single 6" Wide Solid Line, Painted Pavement Striping for Parking Areas.....	0.61	
32 17 23 13-0070 LF Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.64	
32 17 23 13-0071 LF Single 10" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.70	
32 17 23 13-0072 LF Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.73	
32 17 23 13-0073 SF Solid Area, Painted Pavement Marking For Parking Areas.....	2.73	
Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0074 EA 6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	1.98	
For Up To 10, Add	0.26	
For >50 To 100, Deduct	-0.13	
For >100 To 200, Deduct	-0.17	
For >200, Deduct	-0.34	
32 17 23 13-0075 EA 12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	3.52	
For Up To 10, Add	0.39	
For >50 To 100, Deduct	-0.19	
For >100 To 200, Deduct	-0.26	
For >200, Deduct	-0.52	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
		<b>Paving Specialties</b>	<b>32 17</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0076 EA 24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	5.95	
For Up To 10, Add	0.65	
For >50 To 100, Deduct	-0.32	
For >100 To 200, Deduct	-0.43	
For >200, Deduct	-0.86	
32 17 23 13-0077 EA 36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	11.05	
For Up To 10, Add	1.23	
For >50 To 100, Deduct	-0.61	
For >100 To 200, Deduct	-0.82	
For >200, Deduct	-1.63	
32 17 23 13-0078 EA 42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	14.49	
For Up To 10, Add	1.68	
For >50 To 100, Deduct	-0.84	
For >100 To 200, Deduct	-1.12	
For >200, Deduct	-2.24	
32 17 23 13-0079 EA 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas .....	17.50	
For Up To 10, Add	2.06	
For >50 To 100, Deduct	-1.03	
For >100 To 200, Deduct	-1.38	
For >200, Deduct	-2.75	
32 17 23 13-0080 EA 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas .....	24.04	
For Up To 10, Add	2.58	
For >50 To 100, Deduct	-1.29	
For >100 To 200, Deduct	-1.72	
For >200, Deduct	-3.44	
32 17 23 13-0081 EA Through Lane Arrow, Painted Pavement Marking For Parking Areas .....	46.41	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0082 EA Turn Lane Arrow, Painted Pavement Marking For Parking Areas .....	54.83	
Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0083 EA Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas .....	82.38	
Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0084 EA Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	84.32	
Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0085 EA Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas .....	113.68	
Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0086 EA Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas .....	17.57	
Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
For Blue Background With White Symbol, Add	15.22	
For Blue Background With White Symbol And Border, Add	19.02	
32 17 23 13-0087 EA Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas .....	27.93	
Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
For Blue Background With White Symbol, Add	33.51	
For Blue Background With White Symbol And Border, Add	41.89	
<b>32 17 23 13-0088 Painted Curbs (32 17 23 13)</b>		
Note: All colors.		
32 17 23 13-0089 LF Reflective Painted Curb .....	1.20	
32 17 23 13-0090 LF Reflective Painted Curb And Gutter .....	2.21	
32 17 23 13-0091 LF Painted Curb.....	0.97	
32 17 23 13-0092 LF Painted Curb And Gutter .....	1.94	
<b>32 17 23 13-0093 Markings For Outdoor Play Areas, Courts (32 17 23 13)</b>		
32 17 23 13-0094 LF 2" Wide Marking For Outdoor Play Areas .....	0.43	
32 17 23 13-0095 LF 3" Wide Marking For Outdoor Play Areas .....	0.49	
32 17 23 13-0096 LF 4" Wide Marking For Outdoor Play Areas .....	0.56	
32 17 23 13-0097 LF 6" Wide Marking For Outdoor Play Areas .....	0.67	
32 17 23 13-0098 EA Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera) .....	149.30	
<b>32 17 23 23 Raised Pavement Markings (32 17 23)</b>		
<b>32 17 23 23-0001 Raised Pavement Markers (RPMs) (32 17 23 23)</b>		
32 17 23 23-0002 EA One-Way Reflective, Raised Pavement Marker (RPM) .....	2.90	1.19
For >100, Deduct	-0.29	
32 17 23 23-0003 EA Two-Way Reflective, Raised Pavement Marker (RPM) .....	3.07	1.19
For >100, Deduct	-0.31	
<b>32 17 23 26 Recessed Pavement Markings (32 17 23)</b>		
<b>32 17 23 26-0001 Recessed (Plowable) Pavement Markers (32 17 23 26)</b>		
32 17 23 26-0002 EA One-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail .....	24.08	
32 17 23 26-0003 EA Two-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail .....	24.22	
32 17 23 26-0004 EA Remove And Replace Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker.....	8.81	
32 17 23 26-0005 EA Remove And Replace Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker.....	11.15	
<b>32 17 23 33 Plastic Pavement Markings (32 17 23)</b>		

<b>32</b>	<b>Exterior Improvements</b>
<b>32 10</b>	<b>Bases, Ballasts, And Paving</b>
<b>32 17</b>	<b>Paving Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 17 23 33-0001			Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads <sup>(32 17 23 33)</sup> Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002			Thermoplastic Reflective Pavement Marking <sup>(32 17 23 33-0001)</sup> Note: 90 mil thickness.		
32 17 23 33-0003	LF		Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping.....	0.77	
			For Up To 1 Mile, Add	0.15	
			For >5 Miles, Deduct	-0.12	
			For 60 mils Thick, Deduct	-0.11	
			For 125 mils Thick, Add	0.14	
			For Broken Line, Deduct	-0.47	
32 17 23 33-0004	LF		Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping.....	1.12	
			For Up To 1 Mile, Add	0.22	
			For >5 Miles, Deduct	-0.17	
			For 60 mils Thick, Deduct	-0.17	
			For 125 mils Thick, Add	0.21	
			For Broken Line, Deduct	-0.71	
32 17 23 33-0005	LF		Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping.....	1.48	
			For Up To 1 Mile, Add	0.30	
			For >5 Miles, Deduct	-0.22	
			For 60 mils Thick, Deduct	-0.22	
			For 125 mils Thick, Add	0.28	
			For Broken Line, Deduct	-0.95	
32 17 23 33-0006	LF		Single 10" Wide Solid Line, Thermoplastic Reflective Pavement Striping.....	1.83	
			For Up To 1 Mile, Add	0.37	
			For >5 Miles, Deduct	-0.27	
			For 60 mils Thick, Deduct	-0.28	
			For 125 mils Thick, Add	0.36	
			For Broken Line, Deduct	-1.19	
32 17 23 33-0007	LF		Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping.....	2.19	
			For Up To 1 Mile, Add	0.44	
			For >5 Miles, Deduct	-0.33	
			For 60 mils Thick, Deduct	-0.33	
			For 125 mils Thick, Add	0.43	
			For Broken Line, Deduct	-1.43	
32 17 23 33-0008	LF		Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping.....	1.48	
			For Up To 1 Mile, Add	0.30	
			For >5 Miles, Deduct	-0.22	
			For 60 mils Thick, Deduct	-0.22	
			For 125 mils Thick, Add	0.28	
			For Broken Line On One Side, Deduct	-0.47	
			For Double Broken Line, Deduct	-0.95	
32 17 23 33-0009	LF		Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping.....	2.19	
			For Up To 1 Mile, Add	0.44	
			For >5 Miles, Deduct	-0.33	
			For 60 mils Thick, Deduct	-0.33	
			For 125 mils Thick, Add	0.43	
			For Broken Line On One Side, Deduct	-0.71	
			For Double Broken Line, Deduct	-1.43	
32 17 23 33-0010	SF		Solid Area, Thermoplastic Reflective Pavement Marking..... Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	4.47	
			For 60 mils Thick, Deduct	-0.33	
			For 125 mils Thick, Add	0.43	
32 17 23 33-0011	EA		6" High, Letter/Number, Thermoplastic Reflective Pavement Marking.....	2.91	
			For Up To 10, Add	0.29	
			For >50 To 100, Deduct	-0.15	
			For >100 To 200, Deduct	-0.19	
			For >200, Deduct	-0.39	
			For 60 mils Thick, Deduct	-0.17	
			For 125 mils Thick, Add	0.22	
32 17 23 33-0012	EA		12" High, Letter/Number, Thermoplastic Reflective Pavement Marking.....	6.43	
			For Up To 10, Add	0.44	
			For >50 To 100, Deduct	-0.22	
			For >100 To 200, Deduct	-0.29	
			For >200, Deduct	-0.59	
			For 60 mils Thick, Deduct	-0.61	
			For 125 mils Thick, Add	0.79	
32 17 23 33-0013	EA		24" High, Letter/Number, Thermoplastic Reflective Pavement Marking.....	10.98	
			For Up To 10, Add	0.73	
			For >50 To 100, Deduct	-0.36	
			For >100 To 200, Deduct	-0.49	
			For >200, Deduct	-0.97	
			For 60 mils Thick, Deduct	-1.07	
			For 125 mils Thick, Add	1.38	
32 17 23 33-0014	EA		36" High, Letter/Number, Thermoplastic Reflective Pavement Marking.....	20.53	
			For Up To 10, Add	1.46	
			For >50 To 100, Deduct	-0.73	
			For >100 To 200, Deduct	-0.98	
			For >200, Deduct	-1.95	
			For 60 mils Thick, Deduct	-1.88	
			For 125 mils Thick, Add	2.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0015 EA 48" High, Letter/Number, Thermoplastic Reflective Pavement Marking .....	24.93	
<i>For Up To 10, Add</i>	1.64	
<i>For &gt;50 To 100, Deduct</i>	-0.82	
<i>For &gt;100 To 200, Deduct</i>	-1.09	
<i>For &gt;200, Deduct</i>	-2.19	
<i>For 60 mils Thick, Deduct</i>	-2.45	
<i>For 125 mils Thick, Add</i>	3.15	
32 17 23 33-0016 EA 72" High, Letter/Number, Thermoplastic Reflective Pavement Marking .....	45.01	
<i>For Up To 10, Add</i>	2.92	
<i>For &gt;50 To 100, Deduct</i>	-1.46	
<i>For &gt;100 To 200, Deduct</i>	-1.94	
<i>For &gt;200, Deduct</i>	-3.89	
<i>For 60 mils Thick, Deduct</i>	-4.47	
<i>For 125 mils Thick, Add</i>	5.75	
32 17 23 33-0017 EA 96" High, Letter/Number, Thermoplastic Reflective Pavement Marking .....	59.75	
<i>For Up To 10, Add</i>	3.92	
<i>For &gt;50 To 100, Deduct</i>	-1.96	
<i>For &gt;100 To 200, Deduct</i>	-2.61	
<i>For &gt;200, Deduct</i>	-5.22	
<i>For 60 mils Thick, Deduct</i>	-5.89	
<i>For 125 mils Thick, Add</i>	7.57	
32 17 23 33-0018 EA 120" High, Letter/Number, Thermoplastic Reflective Pavement Marking .....	107.43	
<i>For Up To 10, Add</i>	4.85	
<i>For &gt;50 To 100, Deduct</i>	-2.43	
<i>For &gt;100 To 200, Deduct</i>	-3.23	
<i>For &gt;200, Deduct</i>	-6.47	
<i>For 60 mils Thick, Deduct</i>	-13.14	
<i>For 125 mils Thick, Add</i>	16.90	
32 17 23 33-0019 EA Bike Lane Symbol, Thermoplastic Reflective Pavement Marking .....	93.96	
Note: Approximate overall dimensions: 4' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-13.43	
<i>For 125 mils Thick, Add</i>	17.27	
32 17 23 33-0020 EA Railroad Crossing Symbol, Thermoplastic Reflective Pavement Marking .....	426.80	
Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
<i>For 60 mils Thick, Deduct</i>	-67.17	
<i>For 125 mils Thick, Add</i>	86.36	
32 17 23 33-0021 EA Preferential Lane Symbol (Diamond), Thermoplastic Reflective Pavement Marking .....	106.79	
Note: Approximate overall dimensions: 3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-15.11	
<i>For 125 mils Thick, Add</i>	19.43	
32 17 23 33-0022 EA Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	107.70	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
<i>For 60 mils Thick, Deduct</i>	-14.69	
<i>For 125 mils Thick, Add</i>	18.89	
32 17 23 33-0023 EA Turn Lane Arrow, Thermoplastic Reflective Pavement Marking .....	138.88	
Note: Approximate overall dimensions: 6' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-20.15	
<i>For 125 mils Thick, Add</i>	25.91	
32 17 23 33-0024 EA Dual Turn Lane Arrow, Thermoplastic Reflective Pavement Marking .....	236.46	
Note: Approximate overall dimensions: 11' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-36.94	
<i>For 125 mils Thick, Add</i>	47.50	
32 17 23 33-0025 EA Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	243.66	
Note: Approximate overall dimensions: 7' width x 13' height.		
<i>For 60 mils Thick, Deduct</i>	-38.20	
<i>For 125 mils Thick, Add</i>	49.12	
32 17 23 33-0026 EA Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	350.06	
Note: Approximate overall dimensions: 9' width x 15' height.		
<i>For 60 mils Thick, Deduct</i>	-56.67	
<i>For 125 mils Thick, Add</i>	72.86	
32 17 23 33-0027 EA Elongated Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	75.74	
Note: Approximate overall dimensions: 1-2/3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-8.36	
<i>For 125 mils Thick, Add</i>	10.75	
32 17 23 33-0028 EA Elongated Turn Lane Arrow, Thermoplastic Reflective Pavement Marking .....	114.32	
Note: Approximate overall dimensions: 3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-15.11	
<i>For 125 mils Thick, Add</i>	19.43	
32 17 23 33-0029 EA Elongated Dual Turn Lane Arrow, Thermoplastic Reflective Pavement Marking .....	188.43	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-27.71	
<i>For 125 mils Thick, Add</i>	35.62	
32 17 23 33-0030 EA Elongated Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	198.02	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
<i>For 60 mils Thick, Deduct</i>	-29.38	
<i>For 125 mils Thick, Add</i>	37.78	
32 17 23 33-0031 EA Elongated Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking .....	295.25	
Note: Approximate overall dimensions: 5-1/2' width x 20' height.		
<i>For 60 mils Thick, Deduct</i>	-46.18	
<i>For 125 mils Thick, Add</i>	59.37	
32 17 23 33-0032 EA Lane-Reduction Arrow, Thermoplastic Reflective Pavement Marking .....	265.44	
Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
<i>For 60 mils Thick, Deduct</i>	-41.56	
<i>For 125 mils Thick, Add</i>	53.43	

**32 Exterior Improvements**  
**32 10 Bases, Ballasts, And Paving**  
**32 17 Paving Specialties**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0033	EA		Wrong-Way Arrow, Thermoplastic Reflective Pavement Marking.....	371.65	
			Note: Approximate overall dimensions: 6' width x 24' height.		
			For 60 mils Thick, Deduct	-60.45	
			For 125 mils Thick, Add	77.72	
<b>32 17 23 33-0034</b>			<b>Thermoplastic Reflective Pavement Striping By Hand For Repairs (32 17 23 33-0001)</b>		
32 17 23 33-0035	LF		Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	1.54	
			For 60 mils Thick, Deduct	-0.11	
			For 125 mils Thick, Add	0.14	
32 17 23 33-0036	LF		Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	1.99	
			For 60 mils Thick, Deduct	-0.17	
			For 125 mils Thick, Add	0.21	
32 17 23 33-0037	LF		Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	2.46	
			For 60 mils Thick, Deduct	-0.22	
			For 125 mils Thick, Add	0.28	
32 17 23 33-0038	LF		Single 10" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	3.02	
32 17 23 33-0039	LF		Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	3.57	
			For 60 mils Thick, Deduct	-0.33	
			For 125 mils Thick, Add	0.43	
32 17 23 33-0040	LF		Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	6.50	
			For 60 mils Thick, Deduct	-0.66	
			For 125 mils Thick, Add	0.85	
<b>32 17 23 33-0041</b>			<b>Preformed, Patterned Reflective Pavement Marking Tape (32 17 23 33-0001)</b>		
			Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0042	LF		Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping .....	1.70	
			For Up To 1 Mile, Add	0.34	
			For >5 Miles, Deduct	-0.26	
32 17 23 33-0043	LF		Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping .....	2.52	
			For Up To 1 Mile, Add	0.50	
			For >5 Miles, Deduct	-0.38	
32 17 23 33-0044	LF		Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping .....	3.36	
			For Up To 1 Mile, Add	0.67	
			For >5 Miles, Deduct	-0.50	
32 17 23 33-0045	LF		Single 10" Wide Solid Line, Preformed, Patterned Thermoplastic Reflective Pavement Striping .....	4.17	
			For Up To 1 Mile, Add	0.83	
			For >5 Miles, Deduct	-0.63	
32 17 23 33-0046	LF		Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping .....	4.99	
			For Up To 1 Mile, Add	1.00	
			For >5 Miles, Deduct	-0.75	
32 17 23 33-0047	SF		Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape .....	13.38	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 33-0048	EA		6" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	19.95	
			For <10, Add	0.53	
			For >50 To 100, Deduct	-0.26	
			For >100 To 200, Deduct	-0.35	
			For >200, Deduct	-0.71	
32 17 23 33-0049	EA		12" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	35.72	
			For <10, Add	0.67	
			For >50 To 100, Deduct	-0.34	
			For >100 To 200, Deduct	-0.45	
			For >200, Deduct	-0.89	
32 17 23 33-0050	EA		24" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	61.04	
			For <10, Add	1.33	
			For >50 To 100, Deduct	-0.66	
			For >100 To 200, Deduct	-0.89	
			For >200, Deduct	-1.77	
32 17 23 33-0051	EA		36" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	86.69	
			For <10, Add	2.66	
			For >50 To 100, Deduct	-1.33	
			For >100 To 200, Deduct	-1.77	
			For >200, Deduct	-3.54	
32 17 23 33-0052	EA		48" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	101.87	
			For <10, Add	2.98	
			For >50 To 100, Deduct	-1.49	
			For >100 To 200, Deduct	-1.99	
			For >200, Deduct	-3.97	
32 17 23 33-0053	EA		72" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	127.52	
			For <10, Add	5.30	
			For >50 To 100, Deduct	-2.65	
			For >100 To 200, Deduct	-3.54	
			For >200, Deduct	-7.07	
32 17 23 33-0054	EA		96" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	161.90	
			For <10, Add	7.12	
			For >50 To 100, Deduct	-3.56	
			For >100 To 200, Deduct	-4.75	
			For >200, Deduct	-9.50	
32 17 23 33-0055	EA		120" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape .....	203.12	
			For <10, Add	8.82	
			For >50 To 100, Deduct	-4.41	
			For >100 To 200, Deduct	-5.88	
			For >200, Deduct	-11.77	
32 17 23 33-0056	SF		Preformed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape .....	13.73	





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Paving Specialties</b>	<b>32 17</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0057 SF Preformed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape..... Note: Handicap, railroad, diamond symbol, etc.	14.37	
<b>32 17 23 33-0058 Preformed, Thermoplastic Reflective Pavement Marking</b> <small>(32 17 23 33-0001)</small> Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0059 EA Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 4' width x 8' height.	98.42	
32 17 23 33-0060 EA Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	259.86	
32 17 23 33-0061 EA Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 3-1/4' width x 13' height.	57.22	
32 17 23 33-0062 EA 6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 2' width x 6' height.	50.65	
32 17 23 33-0063 EA 9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	89.51	
32 17 23 33-0064 EA 4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 3' width x 4' height.	56.94	
32 17 23 33-0065 EA 8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 6' width x 8' height.	98.44	
32 17 23 33-0066 EA Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	161.41	
32 17 23 33-0067 EA Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	237.64	
32 17 23 33-0068 EA Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 1-2/3' width x 12' height.	93.73	
32 17 23 33-0069 EA Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 3' width x 12' height.	102.66	
32 17 23 33-0070 EA Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... Note: Approximate overall dimensions: 5-1/2' width x 12' height.	179.51	
32 17 23 33-0071 EA Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 3-1/2' width x 20' height.	166.15	
32 17 23 33-0072 EA Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... Note: Approximate overall dimensions: 5-1/2' width x 20' height.	167.43	
32 17 23 33-0073 EA Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... Note: Approximate overall dimensions: 5-1/2' width x 18' height.	223.35	
<b>32 17 23 33-0074 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas</b> <small>(32 17 23 33)</small>		
<b>32 17 23 33-0075 Thermoplastic Pavement Marking Tape For Parking Areas</b> <small>(32 17 23 33-0074)</small> Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0076 EA 28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas..... Note: White or blue symbol. Excludes striping.	35.90	
32 17 23 33-0077 EA 39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas.....	121.51	
32 17 23 33-0078 EA 40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas..... Note: White symbol on blue background. Excludes striping.	71.49	
32 17 23 33-0079 EA 45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas..... Note: White symbol on blue background. Excludes striping.	85.03	
32 17 23 33-0080 EA 48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas.....	88.98	
<b>32 17 26 Tactile Warning Surfaces</b> <small>(32 17)</small>		
<b>32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile)</b> <small>(32 17 26)</small> Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002 SF Surface Applied VPC Truncated Dome Detectable Warning Surface..... Note: Includes surface preparation, adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	44.02	4.53
32 17 26 00-0003 SF Cast In Place VPC Truncated Dome Detectable Warning Surface..... Note: Also raised strips or directional bars. All colors.	38.13	4.53
<b>32 18 Athletic And Recreational Surfacing</b> <small>(32 10)</small>		
<b>32 18 16 Synthetic Resilient Surfacing</b> <small>(32 18)</small>		
<b>32 18 16 13 Playground Protective Surfacing</b> <small>(32 18 16)</small>		
<b>32 18 16 13-0001 Tile Playground Surface Material</b> <small>(32 18 16 13)</small> Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002 SF 1-3/4" Thick, Resilient Rubber Tile..... <i>For Manufacturer's Standard Colors, Add</i> <i>For Interlocking Tiles, Add</i> <i>For Mechanically Fastened, Add</i> <i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	10.06 0.61 1.36 1.05 1.50	1.08

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 18 Athletic And Recreational Surfacing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0003 SF 2" Thick, Resilient Rubber Tile.....	10.26	1.15
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	1.36	
For Mechanically Fastened, Add	1.09	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0004 SF 2-1/4" Thick, Resilient Rubber Tile.....	10.67	1.28
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	1.36	
For Mechanically Fastened, Add	1.17	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0005 SF 2-1/2" Thick, Resilient Rubber Tile.....	11.07	1.42
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	1.36	
For Mechanically Fastened, Add	1.25	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0006 SF 2-3/4" Thick, Resilient Rubber Tile.....	12.36	1.56
For Manufacturer's Standard Colors, Add	0.46	
For Interlocking Tiles, Add	1.54	
For Mechanically Fastened, Add	1.33	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0007 SF 3" Thick, Resilient Rubber Tile.....	12.80	1.70
For Manufacturer's Standard Colors, Add	0.46	
For Interlocking Tiles, Add	1.54	
For Mechanically Fastened, Add	1.42	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0008 SF 3-1/4" Thick, Resilient Rubber Tile.....	13.28	1.86
For Manufacturer's Standard Colors, Add	0.46	
For Interlocking Tiles, Add	1.54	
For Mechanically Fastened, Add	1.52	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0009 SF 3-1/2" Thick, Resilient Rubber Tile.....	14.59	1.99
For Manufacturer's Standard Colors, Add	0.26	
For Interlocking Tiles, Add	1.72	
For Mechanically Fastened, Add	1.60	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0010 SF 3-3/4" Thick, Resilient Rubber Tile.....	15.00	2.16
For Manufacturer's Standard Colors, Add	0.26	
For Interlocking Tiles, Add	1.72	
For Mechanically Fastened, Add	1.68	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0011 SF 4" Thick, Resilient Rubber Tile.....	15.44	2.27
For Manufacturer's Standard Colors, Add	0.26	
For Interlocking Tiles, Add	1.72	
For Mechanically Fastened, Add	1.77	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0012 SF 4-1/2" Thick, Resilient Rubber Tile.....	17.78	2.56
For Manufacturer's Standard Colors, Add	0.25	
For Interlocking Tiles, Add	2.01	
For Mechanically Fastened, Add	1.94	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
<b>32 18 16 13-0013 Loose Laid Playground Surface Material</b> (32 18 16 13)		
Note: Excludes sub base.		
32 18 16 13-0014 SF 3" Loose Laid Wood Fiber Safety Surface .....	0.80	0.16
32 18 16 13-0015 SF 6" Loose Laid Wood Fiber Safety Surface .....	1.07	0.20
32 18 16 13-0016 SF 9" Loose Laid Wood Fiber Safety Surface .....	1.37	0.24
32 18 16 13-0017 SF 12" Loose Laid Wood Fiber Safety Surface .....	1.94	0.37
32 18 16 13-0018 SF 3" Loose Laid Synthetic Fiber Safety Surface.....	1.34	0.16
32 18 16 13-0019 SF 6" Loose Laid Synthetic Fiber Safety Surface.....	1.64	0.20
32 18 16 13-0020 SF 9" Loose Laid Synthetic Fiber Safety Surface.....	2.59	0.24
32 18 16 13-0021 SF 12" Loose Laid Synthetic Fiber Safety Surface.....	3.20	0.37
32 18 16 13-0022 SF 8" FIBAR System .....	7.83	0.61
Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.		
32 18 16 13-0023 SF 12" FIBAR System .....	9.83	0.81
Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.		
<b>32 18 16 13-0024 Poured In Place Playground Surfacing</b> (32 18 16 13)		
Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.		
32 18 16 13-0025 SF Up To 4' Critical Fall Height (1-3/4") Poured In Place Rubber Playground Surfacing .....	8.13	1.29
For Up To 2,000, Add	1.71	
For >2,000 To 3,000, Add	1.20	
For >3,000 To 4,000, Add	0.82	
For >4,000 To 5,000, Add	0.52	
For >5,000 To 7,000, Add	0.22	
For Aliphatic (Non Yellowing) Binder, Add	2.13	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.28	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Athletic And Recreational Surfacing</b>	<b>32 18</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0026	SF	5'	Critical Fall Height (2") Poured In Place Rubber Playground Surfacing.....	8.38	1.42
			<i>For Up To 2,000, Add</i>	1.76	
			<i>For &gt;2,000 To 3,000, Add</i>	1.24	
			<i>For &gt;3,000 To 4,000, Add</i>	0.84	
			<i>For &gt;4,000 To 5,000, Add</i>	0.54	
			<i>For &gt;5,000 To 7,000, Add</i>	0.22	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0027	SF	6'	Critical Fall Height (2-1/2") Poured In Place Rubber Playground Surfacing.....	9.06	1.63
			<i>For Up To 2,000, Add</i>	1.90	
			<i>For &gt;2,000 To 3,000, Add</i>	1.34	
			<i>For &gt;3,000 To 4,000, Add</i>	0.91	
			<i>For &gt;4,000 To 5,000, Add</i>	0.58	
			<i>For &gt;5,000 To 7,000, Add</i>	0.24	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0028	SF	7'	Critical Fall Height (3") Poured In Place Rubber Playground Surfacing.....	9.77	1.74
			<i>For Up To 2,000, Add</i>	2.05	
			<i>For &gt;2,000 To 3,000, Add</i>	1.44	
			<i>For &gt;3,000 To 4,000, Add</i>	0.98	
			<i>For &gt;4,000 To 5,000, Add</i>	0.63	
			<i>For &gt;5,000 To 7,000, Add</i>	0.26	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0029	SF	8'	Critical Fall Height (3-1/2") Poured In Place Rubber Playground Surfacing.....	10.50	1.82
			<i>For Up To 2,000, Add</i>	2.21	
			<i>For &gt;2,000 To 3,000, Add</i>	1.55	
			<i>For &gt;3,000 To 4,000, Add</i>	1.06	
			<i>For &gt;4,000 To 5,000, Add</i>	0.67	
			<i>For &gt;5,000 To 7,000, Add</i>	0.28	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0030	SF	9'	Critical Fall Height (4") Poured In Place Rubber Playground Surfacing.....	11.12	1.92
			<i>For Up To 2,000, Add</i>	2.34	
			<i>For &gt;2,000 To 3,000, Add</i>	1.64	
			<i>For &gt;3,000 To 4,000, Add</i>	1.12	
			<i>For &gt;4,000 To 5,000, Add</i>	0.71	
			<i>For &gt;5,000 To 7,000, Add</i>	0.30	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0031	SF	10'	Critical Fall Height (4-1/2") Poured In Place Rubber Playground Surfacing.....	11.84	2.03
			<i>For Up To 2,000, Add</i>	2.49	
			<i>For &gt;2,000 To 3,000, Add</i>	1.75	
			<i>For &gt;3,000 To 4,000, Add</i>	1.19	
			<i>For &gt;4,000 To 5,000, Add</i>	0.76	
			<i>For &gt;5,000 To 7,000, Add</i>	0.31	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0032	SF	12'	Critical Fall Height (5-1/2") Poured In Place Rubber Playground Surfacing.....	13.28	2.28
			<i>For Up To 2,000, Add</i>	2.79	
			<i>For &gt;2,000 To 3,000, Add</i>	1.96	
			<i>For &gt;3,000 To 4,000, Add</i>	1.33	
			<i>For &gt;4,000 To 5,000, Add</i>	0.85	
			<i>For &gt;5,000 To 7,000, Add</i>	0.35	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0033	SF		Top Only (1/2") Poured In Place Playground Surfacing.....	5.31	
			Note: Not used with new surfacing system tasks.		
			<i>For Up To 2,000, Add</i>	1.69	
			<i>For &gt;2,000 To 3,000, Add</i>	1.09	
			<i>For &gt;3,000 To 4,000, Add</i>	0.66	
			<i>For &gt;4,000 To 5,000, Add</i>	0.40	
			<i>For &gt;5,000 To 7,000, Add</i>	0.18	
			<i>For Aliphatic (Non Yellowing) Binder, Add</i>	2.13	
			<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.28	
32 18 16 13-0034	EA		Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing.....	1,264.49	

**32 18 23 Athletic Surfacing (32 18)**

**32 18 23 13 Baseball Field Surfacing (32 18 23)**

**32 18 23 13-0001 Clay Infield Maintenance (32 18 23 13)**

32 18 23 13-0002	MSF	Playing Field Maintenance (Clay - Nail Drag).....	5.22
32 18 23 13-0003	MSF	Playing Field Maintenance (Clay - Screen Drag).....	5.22
32 18 23 13-0004	CY	Playing Field Maintenance Of Clay.....	49.91

**32 18 23 23 Field Sport Surfacing (32 18 23)**

**32 18 23 23-0001 Turf Field Maintenance (32 18 23 23)**

32 18 23 23-0002	ACR	Turf Aeration (Minimum 6" Penetration).....	70.32
32 18 23 23-0003	MSF	Top Dressing 1/8" - 1/4" Sand.....	6.73

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 18 Athletic And Recreational Surfacing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**32 18 23 29 Synthetic Field Sport Surfacing (32 18 23)**

32 18 23 29-0001	EA	Synthetic Turf (32 18 23 29)	
32 18 23 29-0002	EA	Synthetic Turf (AstroTurf) (32 18 23 29-0001) Note: Includes labor, equipment and material required to install the task.	
32 18 23 29-0003	EA	Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) (32 18 23 29-0002)	
32 18 23 29-0004	EA	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) (32 18 23 29-0003)	
32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38) .....	3.87
		For Ambient Rubber And Sand Infill, Add .....	0.10
		For Cryo Rubber Infill, Add .....	0.26
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
		For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields .....	13,675.96
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields .....	11,147.20
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields..... Note: Per sport.	3,354.48
32 18 23 29-0009	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields .....	1,238.58
		Note: Per letter. Excludes outline.	
32 18 23 29-0010	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields..... Note: Per endzone.	1,186.97
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields .....	10,321.48
		Note: Block letter.	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields .....	14,966.15
		Note: Graphic.	
32 18 23 29-0013	EA	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) (32 18 23 29-0003)	
32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41) .....	4.41
		For Ambient Rubber And Sand Infill, Add .....	0.10
		For Cryo Rubber Infill, Add .....	0.26
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
		For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields .....	13,934.08
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields .....	11,560.13
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields..... Note: Per sport.	3,612.54
32 18 23 29-0018	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields .....	1,341.80
		Note: Per letter. Excludes outline.	
32 18 23 29-0019	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields..... Note: Per endzone.	1,238.58
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields .....	10,837.62
		Note: Block letter.	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields .....	15,714.55
		Note: Graphic.	
32 18 23 29-0022	EA	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) (32 18 23 29-0003)	
32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45) .....	4.52
		For Ambient Rubber And Sand Infill, Add .....	0.10
		For Cryo Rubber Infill, Add .....	0.26
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
		For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields .....	14,192.12
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields .....	12,489.07
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields..... Note: Per sport.	3,870.58
32 18 23 29-0027	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields .....	1,445.02
		Note: Per letter. Excludes outline.	
32 18 23 29-0028	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields..... Note: Per endzone.	1,290.19
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields .....	11,353.70
		Note: Block letter.	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields .....	16,462.86
		Note: Graphic.	
32 18 23 29-0031	EA	Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) (32 18 23 29-0002)	
32 18 23 29-0032	EA	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) (32 18 23 29-0031)	



<b>Exterior Improvements</b>		<b>32</b>
<b>Bases, Ballasts, And Paving</b>		<b>32 10</b>
<b>Athletic And Recreational Surfacing</b>		<b>32 18</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0033	SF		52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52) .....	5.25	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0034	EA		Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	14,708.11	
32 18 23 29-0035	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	15,688.65	
32 18 23 29-0036	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	4,386.63	
			Note: Per sport.		
32 18 23 29-0037	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	1,651.44	
			Note: Per letter. Excludes outline.		
32 18 23 29-0038	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	1,393.40	
			Note: Per endzone.		
32 18 23 29-0039	EA		Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	12,385.78	
			Note: Block letter.		
32 18 23 29-0040	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	17,959.38	
			Note: Graphic.		
<b>32 18 23 29-0041</b>			<b>60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) (32 18 23 29-0031)</b>		
32 18 23 29-0042	SF		60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60) .....	5.49	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0043	EA		Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	14,966.15	
32 18 23 29-0044	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	17,443.30	
32 18 23 29-0045	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields.....	4,644.67	
			Note: Per sport.		
32 18 23 29-0046	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	1,754.65	
			Note: Per letter. Excludes outline.		
32 18 23 29-0047	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields.....	1,445.01	
			Note: Per endzone.		
32 18 23 29-0048	EA		Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	12,901.85	
			Note: Block letter.		
32 18 23 29-0049	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	18,707.68	
			Note: Graphic.		
<b>32 18 23 29-0050</b>			<b>52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) (32 18 23 29-0031)</b>		
32 18 23 29-0051	SF		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52).....	5.50	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0052	EA		Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields.....	15,224.18	
32 18 23 29-0053	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields.....	17,546.52	
32 18 23 29-0054	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields.....	4,902.70	
			Note: Per sport.		
32 18 23 29-0055	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields.....	1,857.87	
			Note: Per letter. Excludes outline.		
32 18 23 29-0056	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields.....	1,496.61	
			Note: Per endzone.		
32 18 23 29-0057	EA		Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields.....	13,417.92	
			Note: Block letter.		
32 18 23 29-0058	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields.....	19,455.99	
			Note: Graphic.		
<b>32 18 23 29-0059</b>			<b>60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) (32 18 23 29-0031)</b>		
32 18 23 29-0060	SF		60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60).....	5.63	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0061	EA		Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields.....	15,482.22	
32 18 23 29-0062	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields.....	18,681.88	
32 18 23 29-0063	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields.....	5,160.74	
			Note: Per sport.		
32 18 23 29-0064	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields.....	2,064.30	
			Note: Per letter. Excludes outline.		
32 18 23 29-0065	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields.....	1,548.22	
			Note: Per endzone.		
32 18 23 29-0066	EA		Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields.....	13,934.00	
			Note: Block letter.		

**32 Exterior Improvements****32 10 Bases, Ballasts, And Paving****32 18 Athletic And Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0067	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields..... Note: Graphic.	20,204.30	
32 18 23 29-0068			<b>Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe)</b> (32 18 23 29-0002)		
32 18 23 29-0069			<b>38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38)</b> (32 18 23 29-0068)		
32 18 23 29-0070	SF		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38).....	4.17	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.26	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0071	EA		Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields .....	13,159.97	
32 18 23 29-0072	EA		Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields .....	9,702.25	
32 18 23 29-0073	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields .....	2,838.42	
			Note: Per sport.		
32 18 23 29-0074	EA		Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields.....	1,032.15	
			Note: Per letter. Excludes outline.		
32 18 23 29-0075	EA		Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields .....	1,083.76	
			Note: Per endzone.		
32 18 23 29-0076	EA		Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	9,289.39	
			Note: Block letter.		
32 18 23 29-0077	EA		Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	13,469.61	
			Note: Graphic.		
32 18 23 29-0078			<b>42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42)</b> (32 18 23 29-0068)		
32 18 23 29-0079	SF		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42).....	3.70	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.26	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0080	EA		Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields .....	13,417.92	
32 18 23 29-0081	EA		Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields .....	10,321.48	
32 18 23 29-0082	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields .....	3,096.44	
			Note: Per sport.		
32 18 23 29-0083	EA		Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields.....	1,135.36	
			Note: Per letter. Excludes outline.		
32 18 23 29-0084	EA		Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields .....	1,135.36	
			Note: Per endzone.		
32 18 23 29-0085	EA		Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	9,805.41	
			Note: Block letter.		
32 18 23 29-0086	EA		Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	14,217.84	
			Note: Graphic.		
32 18 23 29-0087			<b>Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)</b> (32 18 23 29-0002)		
32 18 23 29-0088	SF		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®).....	8.68	
32 18 23 29-0089	SF		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®).....	7.63	
32 18 23 29-0090	EA		Football Markings For AstroTurf® PureGrass® Fields.....	25,464.89	
32 18 23 29-0091	EA		Baseball Markings For AstroTurf® PureGrass® Fields.....	30,253.16	
32 18 23 29-0092	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields .....	7,400.05	
			Note: Per sport.		
32 18 23 29-0093	EA		Endzone Lettering For AstroTurf® PureGrass® Fields.....	2,829.43	
			Note: Per letter. Excludes outline.		
32 18 23 29-0094	EA		Colored Endzone For AstroTurf® PureGrass® Fields .....	2,100.20	
			Note: Per endzone.		
32 18 23 29-0095	EA		Simple Logo For AstroTurf® PureGrass® Fields.....	18,901.77	
			Note: Block letter.		
32 18 23 29-0096	EA		Deluxe Logo For AstroTurf® PureGrass® Fields.....	27,750.20	
			Note: Graphic.		
32 18 23 29-0097			<b>Synthetic Turf (G9 Turf)</b> (32 18 23 29-0001)		
			Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098	SF		2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) .....	4.82	
			Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.		
			<i>For &gt;35,000, Deduct</i>	-0.43	
32 18 23 29-0099	SF		2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf).....	4.78	
			Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.		
			<i>For &gt;35,000, Deduct</i>	-0.42	
32 18 23 29-0100	SF		1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf).....	5.00	
			Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.		



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>
		<b>Athletic And Recreational Surfacing</b>	<b>32 18</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0101	EA		Football Inlays For G9 Synthetic Turf ..... Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	35,203.53	
32 18 23 29-0102	EA		Soccer Inlays For G9 Synthetic Turf.....	15,254.86	
32 18 23 29-0103	EA		Boys Lacrosse Inlays For G9 Synthetic Turf.....	15,254.86	
32 18 23 29-0104	EA		Girls Lacrosse Inlays For G9 Synthetic Turf.....	15,254.86	
32 18 23 29-0105	EA		Field Hockey Inlays For G9 Synthetic Turf.....	15,254.86	
32 18 23 29-0106	EA		Endzone Lettering For G9 Synthetic Turf..... Note: Priced per letter. Includes single color outlining.	1,760.18	
32 18 23 29-0107	SF		Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf.....	1.65	
32 18 23 29-0108	SF		Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf.....	4.30	
32 18 23 29-0109	SF		Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf.....	1.23	
32 18 23 29-0110	SF		Sand Infill For G9 Synthetic Turf.....	0.62	
32 18 23 29-0111	SF		Acrylic Coated Sand Infill For G9 Synthetic Turf.....	1.02	
32 18 23 29-0112	EA		Gmax Compaction And Hardness Test For G9 Synthetic Turf..... Note: Includes a comprehensive report.	1,173.45	
32 18 23 29-0113	EA		Safety Bridge Over Track For G9 Synthetic Turf.....	11,734.51	
32 18 23 29-0114	SF		Clean And Groom Synthetic Turf..... Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.39	
			<i>For &gt;10,000 To 30,000, Deduct</i>	-0.16	
			<i>For &gt;30,000 To 60,000, Deduct</i>	-0.27	
			<i>For &gt;60,000, Deduct</i>	-0.30	
32 18 23 29-0115	SF		Rejuvenate Synthetic Turf And Reinstall Existing Infill..... Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	2.63	
32 18 23 29-0116	SF		Rejuvenate Synthetic Turf For Installation Of New Infill..... Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	2.92	
32 18 23 29-0117	SF		Drainage Layer For G9 Synthetic Turf..... Note: Used for drainage over asphalt or on roof tops.	2.40	
32 18 23 29-0118	SF		15 mm, Shock Pad For G9 Synthetic Turf..... Note: Used for additional Gmax for a stone base field.	1.47	
32 18 23 29-0119	EA		Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf..... Note: Includes field inspection and report.	2,338.60	
32 18 23 29-0120	LF		Repair Inlay Lines Or Seams On G9 Synthetic Turf..... Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	6.43	
32 18 23 29-0121	LF		Nailer Used To Attach G9 Synthetic Turf.....	2.57	
32 18 23 29-0122	SF		Remove And Recycle Existing Field..... Note: Includes removal, shipping and recycling of infill, fibers and backing.	1.81	
<b>32 18 23 33 Running Track Surfacing (32 18 23)</b>					
<b>32 18 23 33-0001 Running Track Surfacing (32 18 23 33)</b>					
32 18 23 33-0002	SY		2-1/2" Asphaltic Concrete Running Track Surfacing.....	18.05	
<b>32 18 23 33-0003 Running Track Seal And Colored Surfaces (32 18 23 33)</b>					
32 18 23 33-0004	SY		1 Seal Coat, Striping Of Track..... Note: Includes certification.	9.64	
<b>32 18 23 39 Synthetic Running Track Surfacing (32 18 23)</b>					
<b>32 18 23 39-0001 Synthetic Running Track Surfacing (XPLODE™) (32 18 23 39)</b>					
Note: Excludes asphalt base. Includes striping.					
32 18 23 39-0002	SY		Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100).....	36.80	
			<i>For &gt;5,500, Deduct</i>	-4.05	
			<i>For Up To 4,000, Add</i>	12.88	
32 18 23 39-0003	SY		Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200).....	49.39	
			<i>For &gt;5,500, Deduct</i>	-5.43	
			<i>For Up To 4,000, Add</i>	17.29	
			<i>For Custom Color Upgrade, Add</i>	4.69	
			<i>For Aliphatic Top Coating, Add</i>	8.89	
32 18 23 39-0004	SY		Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500).....	83.00	
			<i>For &gt;5,500, Deduct</i>	-4.98	
			<i>For Up To 4,000, Add</i>	29.05	
			<i>For Custom Color Upgrade, Add</i>	6.39	
			<i>For Aliphatic Top Coating, Add</i>	11.87	
32 18 23 39-0005	SY		Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000).....	107.21	
			<i>For &gt;5,500, Deduct</i>	-6.43	
			<i>For Up To 4,000, Add</i>	37.52	
			<i>For Custom Color Upgrade, Add</i>	8.36	
			<i>For Aliphatic Top Coating, Add</i>	12.22	

<b>32</b>	<b>Exterior Improvements</b>
<b>32 10</b>	<b>Bases, Ballasts, And Paving</b>
<b>32 18</b>	<b>Athletic And Recreational Surfacing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0006 SY Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lightning) .....	33.52	
For >5,500, Deduct	-3.69	
For Up To 4,000, Add	11.73	
32 18 23 39-0007 SY Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator) .....	37.73	
For >5,500, Deduct	-5.47	
For Up To 4,000, Add	13.21	
32 18 23 39-0008 SY Spray Retop XPLODE™ M100/MS200 Running Tracks .....	33.14	
For Up To 4,000, Add	11.60	
For >5,500, Deduct	-3.24	
32 18 23 39-0009 SY Sandwich Retop XPLODE™ MSX500 Running Tracks .....	64.15	
For Up To 4,000, Add	22.45	
For >5,500, Deduct	-6.76	
32 18 23 39-0010 SY Retop XPLODE™ Plexitrac® Lightning Running Tracks .....	18.66	
Note: Two layers.		
For Up To 4,000, Add	6.53	
For >5,500, Deduct	-3.09	
32 18 23 39-0011 SY Retop XPLODE™ Plexitrac® Accelerator Running Tracks .....	22.72	
Note: Two layers.		
For Up To 4,000, Add	7.95	
For >5,500, Deduct	-3.09	
32 18 23 39-0012 EA Restripe XPLODE™ Running Track .....	7,713.06	
Note: Includes two coats of acrylic resurfacer and two coats of color.		
For College Track Restriping, Add	1,402.38	
<b>32 18 23 53 Tennis Court Surfacing (32 18 23)</b>		
<b>32 18 23 53-0001 Tennis Court Surfacing (32 18 23 53)</b>		
See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.		
32 18 23 53-0002 SY Tennis Court Bituminous Pavement, 2-1/2" Thick .....	20.60	
<b>32 18 23 53-0003 Tennis Court Markings (32 18 23 53)</b>		
32 18 23 53-0004 EA Paint Markings On Asphalt Tennis Court 2 Coats .....	254.05	
<b>32 18 23 56 Natural Tennis Court Surfacing (32 18 23)</b>		
32 18 23 56-0001 SY Clay Tennis Court .....	29.23	
32 18 23 56-0002 SY Tennis Court, Pulverized Natural Greenstone, Fast Dry .....	32.59	
Note: Includes 4" base.		
32 18 23 56-0003 SY Tennis Court, Rubber-Cork Base Resilient Pavement .....	15.06	
32 18 23 56-0004 SY Resurface Clay Tennis Court .....	8.16	
32 18 23 56-0005 SY Resurface Tennis Court, Pulverized Natural Greenstone .....	6.84	
32 18 23 56-0006 SY Resurface Tennis Court, Resilient Pavement .....	5.09	
<b>32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing (32 18 23)</b>		
<b>32 18 23 61-0001 100% Acrylic Athletic Surfacing System (California Products Plexipave®) (32 18 23 61)</b>		
Note: Excludes asphalt or concrete sub base and repairs of sub base.		
<b>32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (California Products Plexipave®) (32 18 23 61-0001)</b>		
32 18 23 61-0003 SY 100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat .....	1.49	
Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
32 18 23 61-0004 SY Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat .....	0.44	
Note: For previously uncoated portland cement concrete. Applied with broom.		
32 18 23 61-0005 SY Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat .....	1.82	
Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.		
32 18 23 61-0006 SY Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat .....	77.92	
Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.		
<b>32 18 23 61-0007 Surface Coatings For Athletic Surfacing System (California Products Plexipave®) (32 18 23 61-0001)</b>		
Note: Standard colors include dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.		
32 18 23 61-0008 SY 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat .....	1.98	
Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
For Pacific Blue, Add	0.13	
For US Open Blue, Add	0.44	
32 18 23 61-0009 SY 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat .....	1.55	
Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
For Pacific Blue, Add	0.09	
For US Open Blue, Add	0.32	





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Bases, Ballasts, And Paving</b>	<b>32 10</b>	
<b>Athletic And Recreational Surfacing</b>	<b>32 18</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0010 SY 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat.....	1.32	
Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.		
For Pacific Blue, Add	0.07	
For US Open Blue, Add	0.25	
32 18 23 61-0011 SY Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat.....	1.32	
Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.		
For Pacific Blue, Add	0.04	
For US Open Or Australian Open Blue, Add	0.30	
For Pro Purple, Add	0.65	
<b>32 18 23 61-0012 Specialty Coatings For Athletic Surfacing System (California Products Plexipave®) (32 18 23 61-0001)</b>		
32 18 23 61-0013 SY Hard Acrylic Surface Coat, Clear Coating Finish, Athletic Surfacing System (California Products Plexipave® Clear-Glo #3®), Per Coat.....	0.85	
Note: Final finish coat over Plexipave® for increased wear resistance for basketball and volleyball courts. Applied with wide hair-type push broom.		
<b>32 18 23 61-0014 Line Striping For Athletic Surfacing System (California Products Plexipave®) (32 18 23 61-0001)</b>		
32 18 23 61-0015 SY Tennis Or Basketball Court Line Striping For Athletic Surfacing System (California Products Plexipave® Hi-Hide Plexicolor®).....	2.83	
Note: Textured or non-textured highly reflective line marking paint.		
<b>32 18 23 61-0016 Cushion Coatings For Athletic Surfacing System (California Products Plexipave® Plexicushion®) (32 18 23 61-0001)</b>		
32 18 23 61-0017 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat.....	3.09	
Note: Applied with rubber squeegee.		
32 18 23 61-0018 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat.....	4.30	
Note: Applied with rubber squeegee.		
32 18 23 61-0019 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat.....	3.67	
Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0020 SY Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat.....	2.69	
Note: Applied with rubber squeegee.		
32 18 23 61-0021 SY Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat.....	1.99	
Note: Price per coat for second or additional coats. Applied with rubber squeegee.		

### 32 30 Site Improvements (32)

#### 32 31 Fences And Gates (32 30)

##### 32 31 11 Gate Operators (32 31)

###### 32 31 11 00-0001 Gate Operators (32 31 11)

Note: Excludes gates, electrical connections, access controls and concrete foundation.

###### 32 31 11 00-0002 Swing Gate Actuator (32 31 11 00-0001)

###### 32 31 11 00-0003 Single Gate, Swing Gate Actuator (32 31 11 00-0002)

32 31 11 00-0004 EA Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)..... 869.63 97.31

Note: Includes one primary operator with a 10' wide gate capacity.

32 31 11 00-0005 EA Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)..... 1,162.13 97.31

Note: Includes one primary operator with a 14' wide gate capacity.

###### 32 31 11 00-0006 Dual Gate, Swing Gate Actuator (32 31 11 00-0002)

32 31 11 00-0007 EA Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)..... 1,739.25 194.63

Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.

32 31 11 00-0008 EA Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)..... 2,324.25 194.63

Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.

###### 32 31 11 00-0009 Swing Gate Operators (32 31 11 00-0001)

###### 32 31 11 00-0010 Single Gate, Swing Gate Operators (32 31 11 00-0009)

32 31 11 00-0011 EA 400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050)..... 1,784.63 97.31

Note: Includes one primary operator with a 10' wide and 400# gate capacity.

32 31 11 00-0012 EA 500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100)..... 1,942.13 97.31

Note: Includes one primary operator with a 14' wide and 500# gate capacity.

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0013	EA		700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	2,639.63	97.31
			Note: Includes one primary operator with an 18' wide and 700# gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0014	EA		800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	2,992.13	97.31
			Note: Includes one primary operator with a 22' wide and 800# gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
<b>32 31 11 00-0015</b>			<b>Dual Gate, Swing Gate Operators</b> (32 31 11 00-0009)		
32 31 11 00-0016	EA		400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	3,156.75	194.63
			Note: Includes one primary and one secondary operator each with a 10' wide and 400# gate capacity.		
32 31 11 00-0017	EA		500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	3,471.75	194.63
			Note: Includes one primary and one secondary operator each with a 14' wide and 500# gate capacity.		
32 31 11 00-0018	EA		700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	4,859.25	194.63
			Note: Includes one primary and one secondary operator each with an 18' wide and 700# gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
32 31 11 00-0019	EA		800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	5,631.75	194.63
			Note: Includes one primary and one secondary operator each with a 22' wide and 800# gate capacity.		
			For 208/230/460 Volt AC, Add	322.50	
<b>32 31 11 00-0020</b>			<b>Sliding Gate Operators</b> (32 31 11 00-0001)		
			Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA		300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050).....	1,432.13	97.31
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0022	EA		1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100).....	2,033.55	116.77
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA		1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150).....	2,558.55	116.77
			Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0024	EA		3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210).....	3,366.22	136.24
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0025	EA		2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220).....	4,176.22	136.24
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230).....	5,745.15	155.70
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0027	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530).....	9,761.40	155.70
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA		10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550).....	16,685.33	175.16
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
<b>32 31 11 00-0029</b>			<b>Accessories For Gate Actuators And Operators</b> (32 31 11 00-0001)		
32 31 11 00-0030	EA		Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410).....	285.86	
32 31 11 00-0031	EA		Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409).....	555.97	
32 31 11 00-0032	EA		Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601).....	377.85	
32 31 11 00-0033	EA		Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031).....	409.27	
32 31 11 00-0034	EA		Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020).....	364.27	
32 31 11 00-0035	EA		Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310).....	255.52	
32 31 11 00-0036	LF		#40 Chain For Sliding Gate Operators.....	5.27	
32 31 11 00-0037	LF		#41 Chain For Sliding Gate Operators.....	4.14	
32 31 11 00-0038	LF		#50 Chain For Sliding Gate Operators.....	5.89	
32 31 11 00-0039	LF		#60 Chain For Sliding Gate Operators.....	5.58	
<b>32 31 13 Chain Link Fences And Gates</b> (32 31)					
<b>32 31 13 13 Chain Link Fences And Gates</b> (32 31 13)					
<b>32 31 13 13-0001</b>			<b>Post Holes</b> (32 31 13 13)		
			Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0067 for core drilling in concrete, 02 41 19 13-0181 for core drilling in asphalt.		
<b>32 31 13 13-0002</b>			<b>Drilling Post Hole In Soil</b> (32 31 13 13-0001)		
			Note: Auger by machine unless otherwise notified by owner.		
32 31 13 13-0003	VLF		Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	4.59	
32 31 13 13-0004	VLF		2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	5.17	
32 31 13 13-0005	VLF		3" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	6.12	
32 31 13 13-0006	VLF		4" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	6.89	
32 31 13 13-0007	VLF		6" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	7.51	
32 31 13 13-0008	VLF		8" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	8.27	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0009 VLF 10" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	9.18	
32 31 13 13-0010 VLF 12" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	10.33	
32 31 13 13-0011 VLF 18" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	11.80	
32 31 13 13-0012 VLF 24" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	13.77	
32 31 13 13-0013 VLF 30" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	16.52	
32 31 13 13-0014 VLF 36" Diameter Hole, Auger By Machine Fence Post Hole In Soil .....	20.66	
<b>32 31 13 13-0015 Drilling Post Hole In Rock (32 31 13 13-0001)</b>		
32 31 13 13-0016 CF Jackhammer Post Hole, Rock.....	31.61	
32 31 13 13-0017 CF Rock Drill Post Hole, Rock.....	11.26	
<b>32 31 13 13-0018 Post Hole Fill (32 31 13 13-0001)</b>		
<b>32 31 13 13-0019 Concrete Fill (32 31 13 13-0018)</b>		
32 31 13 13-0020 VLF Concrete Fill, Up To 2-1/2" Diameter Hole.....	3.01	
32 31 13 13-0021 VLF Concrete Fill, 2-1/2" Diameter Hole .....	3.85	
32 31 13 13-0022 VLF Concrete Fill, 3" Diameter Hole.....	4.29	
32 31 13 13-0023 VLF Concrete Fill, 4" Diameter Hole.....	5.05	
32 31 13 13-0024 VLF Concrete Fill, 6" Diameter Hole.....	7.21	
32 31 13 13-0025 VLF Concrete Fill, 8" Diameter Hole.....	9.62	
32 31 13 13-0026 VLF Concrete Fill, 10" Diameter Hole.....	11.81	
32 31 13 13-0027 VLF Concrete Fill, 12" Diameter Hole.....	13.84	
32 31 13 13-0028 VLF Concrete Fill, 18" Diameter Hole.....	19.22	
32 31 13 13-0029 VLF Concrete Fill, 24" Diameter Hole.....	24.20	
32 31 13 13-0030 VLF Concrete Fill, 30" Diameter Hole.....	29.10	
32 31 13 13-0031 VLF Concrete Fill, 36" Diameter Hole.....	34.23	
<b>32 31 13 13-0032 Grout Fill (32 31 13 13-0018)</b>		
32 31 13 13-0033 VLF Grout Fill, Up To 2-1/2" Diameter Hole .....	3.45	
32 31 13 13-0034 VLF Grout Fill, 2-1/2" Diameter Hole.....	4.44	
32 31 13 13-0035 VLF Grout Fill, 3" Diameter Hole.....	4.89	
32 31 13 13-0036 VLF Grout Fill, 4" Diameter Hole .....	5.63	
32 31 13 13-0037 VLF Grout Fill, 6" Diameter Hole .....	7.93	
32 31 13 13-0038 VLF Grout Fill, 8" Diameter Hole .....	10.60	
32 31 13 13-0039 VLF Grout Fill, 10" Diameter Hole .....	12.95	
32 31 13 13-0040 VLF Grout Fill, 12" Diameter Hole .....	15.11	
32 31 13 13-0041 VLF Grout Fill, 18" Diameter Hole .....	20.61	
32 31 13 13-0042 VLF Grout Fill, 24" Diameter Hole .....	25.58	
32 31 13 13-0043 VLF Grout Fill, 30" Diameter Hole .....	30.44	
32 31 13 13-0044 VLF Grout Fill, 36" Diameter Hole .....	35.48	
<b>32 31 13 13-0045 Earth Fill, Compacted (32 31 13 13-0018)</b>		
32 31 13 13-0046 VLF Earth Fill, Up To 2-1/2" Diameter Hole.....	2.16	
32 31 13 13-0047 VLF Earth Fill, 2-1/2" Diameter Hole .....	2.82	
32 31 13 13-0048 VLF Earth Fill, 3" Diameter Hole .....	2.95	
32 31 13 13-0049 VLF Earth Fill, 4" Diameter Hole .....	3.04	
32 31 13 13-0050 VLF Earth Fill, 6" Diameter Hole .....	4.05	
32 31 13 13-0051 VLF Earth Fill, 8" Diameter Hole .....	5.41	
32 31 13 13-0052 VLF Earth Fill, 10" Diameter Hole .....	6.48	
32 31 13 13-0053 VLF Earth Fill, 12" Diameter Hole .....	7.35	
32 31 13 13-0054 VLF Earth Fill, 18" Diameter Hole .....	8.96	
32 31 13 13-0055 VLF Earth Fill, 24" Diameter Hole .....	10.05	
32 31 13 13-0056 VLF Earth Fill, 30" Diameter Hole .....	11.03	
32 31 13 13-0057 VLF Earth Fill, 36" Diameter Hole .....	11.89	
<b>32 31 13 13-0058 Fence Posts (32 31 13 13)</b>		
Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 13 13-0059 Fence Posts (32 31 13 13-0058)</b>		
<b>32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel (32 31 13 13-0059)</b>		
Note: Includes cap and accessories.		
32 31 13 13-0061 LF 1-7/8" Galvanized H-beam Post, Up To 6' In Length .....	7.46	1.37
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0062 LF 1-7/8" Galvanized H-beam Post, 7' To 10' In Length .....	7.07	1.16
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0063 LF 1-7/8" Galvanized H-beam Post, 11' To 15' In Length .....	6.59	0.97
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0064 LF 1-7/8" Galvanized H-beam Post, 16' To 20' In Length .....	6.21	0.76
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0065 LF 1-7/8" Galvanized H-beam Post, 21' To 24' In Length .....	5.95	0.66
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0066 LF 1-7/8" Galvanized H-beam Post, >24' In Length.....	5.56	0.46
For Each Top Rail Fitting, Add	0.85	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0067		<b>Post Without Top Rail Fitting, Galvanized Steel, (1.66" Nominal)</b> <small>(32 31 13 13-0059)</small>		
		Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF	1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	5.15	1.26
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.51	
32 31 13 13-0069	LF	1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	4.76	1.06
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.47	
32 31 13 13-0070	LF	1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	4.33	0.86
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.43	
32 31 13 13-0071	LF	1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	3.99	0.66
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.39	
32 31 13 13-0072	LF	1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	3.76	0.56
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.37	
32 31 13 13-0073	LF	1-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	3.52	0.46
		For Each Top Rail Fitting, Add	0.85	
		For Each Single Barbed Wire Arm, Add	1.90	
		For Each Double Barbed Wire Arm, Add	3.40	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
		For Vinyl Coated, Add	1.57	
		For Powder Coated, Add	2.10	
		For Aluminum Coated, Add	3.28	
		For Schedule 20, Deduct	-0.52	
		For Schedule 80, Add	1.35	
32 31 13 13-0074		<b>Post Without Top Rail Fitting, Galvanized Steel, (1.90" Nominal)</b> <small>(32 31 13 13-0059)</small>		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	5.82	1.32
		For Each Top Rail Fitting, Add	1.35	
		For Each Single Barbed Wire Arm, Add	2.65	
		For Each Double Barbed Wire Arm, Add	4.88	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
		For Vinyl Coated, Add	1.92	
		For Powder Coated, Add	2.56	
		For Aluminum Coated, Add	4.00	
		For Schedule 20, Deduct	-0.64	
		For Schedule 80, Add	1.80	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	5.47	1.12
		For Each Top Rail Fitting, Add	1.35	
		For Each Single Barbed Wire Arm, Add	2.65	
		For Each Double Barbed Wire Arm, Add	4.88	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
		For Vinyl Coated, Add	1.92	
		For Powder Coated, Add	2.56	
		For Aluminum Coated, Add	4.00	
		For Schedule 20, Deduct	-0.64	
		For Schedule 80, Add	1.76	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	5.01	0.91
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.80	
			<i>For Vinyl Coated, Add</i>	1.92	
			<i>For Powder Coated, Add</i>	2.56	
			<i>For Aluminum Coated, Add</i>	4.00	
			<i>For Schedule 20, Deduct</i>	-0.64	
			<i>For Schedule 80, Add</i>	1.72	
32 31 13	13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	4.65	0.71
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.80	
			<i>For Vinyl Coated, Add</i>	1.92	
			<i>For Powder Coated, Add</i>	2.56	
			<i>For Aluminum Coated, Add</i>	4.00	
			<i>For Schedule 20, Deduct</i>	-0.64	
			<i>For Schedule 80, Add</i>	1.68	
32 31 13	13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	4.41	0.60
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.80	
			<i>For Vinyl Coated, Add</i>	1.92	
			<i>For Powder Coated, Add</i>	2.56	
			<i>For Aluminum Coated, Add</i>	4.00	
			<i>For Schedule 20, Deduct</i>	-0.64	
			<i>For Schedule 80, Add</i>	1.66	
32 31 13	13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length.....	4.18	0.50
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.80	
			<i>For Vinyl Coated, Add</i>	1.92	
			<i>For Powder Coated, Add</i>	2.56	
			<i>For Aluminum Coated, Add</i>	4.00	
			<i>For Schedule 20, Deduct</i>	-0.64	
			<i>For Schedule 80, Add</i>	1.63	
32 31 13	13-0081		<b>Post Without Top Rail Fitting, Galvanized Steel, (2.375" Nominal)</b> <small>(32 31 13 13-0059)</small>		
			Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13	13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	7.03	1.42
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.32	
32 31 13	13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	6.64	1.22
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.28	
32 31 13	13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	6.16	0.97
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.23	
32 31 13	13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	5.78	0.76
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.20	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0086	LF		2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	5.52	0.66
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.17	
32 31 13 13-0087	LF		2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length.....	5.28	0.50
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.07	
			<i>For Vinyl Coated, Add</i>	2.56	
			<i>For Powder Coated, Add</i>	3.41	
			<i>For Aluminum Coated, Add</i>	5.33	
			<i>For Schedule 20, Deduct</i>	-0.85	
			<i>For Schedule 80, Add</i>	2.15	
<b>32 31 13 13-0088</b>			<b>Post Without Top Rail Fitting, Galvanized Steel, (2.875" Nominal)</b> (32 31 13 13-0059)		
			Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0089	LF		3" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	9.40	1.52
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.36	
32 31 13 13-0090	LF		3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	8.98	1.32
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.31	
32 31 13 13-0091	LF		3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	8.47	1.06
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.26	
32 31 13 13-0092	LF		3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	8.05	0.86
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.22	
32 31 13 13-0093	LF		3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....	7.77	0.71
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.19	
32 31 13 13-0094	LF		3" Outside Diameter Galvanized Steel Post, >24' In Length.....	7.50	0.56
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
			<i>For Vinyl Coated, Add</i>	3.82	
			<i>For Powder Coated, Add</i>	5.09	
			<i>For Aluminum Coated, Add</i>	7.95	
			<i>For Schedule 20, Deduct</i>	-1.27	
			<i>For Schedule 80, Add</i>	3.17	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal)</b> <small>(32 31 13 13-0059)</small>		
<small>Note: 4" outside diameter, Schedule 40. Includes cap and accessories.</small>		
32 31 13 13-0096 LF 4" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	13.54	1.62
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.28	
32 31 13 13-0097 LF 4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	13.00	1.32
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.23	
32 31 13 13-0098 LF 4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	12.56	1.12
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.19	
32 31 13 13-0099 LF 4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	12.12	0.91
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.14	
32 31 13 13-0100 LF 4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....	12.12	0.91
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.14	
32 31 13 13-0101 LF 4" Outside Diameter Galvanized Steel Post, >24' In Length .....	11.60	0.66
For Each Top Rail Fitting, Add	2.60	
For Each Single Barbed Wire Arm, Add	5.10	
For Each Double Barbed Wire Arm, Add	11.25	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
For Vinyl Coated, Add	6.20	
For Powder Coated, Add	8.27	
For Aluminum Coated, Add	12.93	
For Schedule 20, Deduct	-2.07	
For Schedule 80, Add	5.09	
<b>32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel, (6.625" Nominal)</b> <small>(32 31 13 13-0059)</small>		
<small>Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.</small>		
32 31 13 13-0103 LF 6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	25.47	1.78
For Each Top Rail Fitting, Add	4.55	
For Each Single Barbed Wire Arm, Add	7.15	
For Each Double Barbed Wire Arm, Add	14.95	
For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
For Vinyl Coated, Add	13.15	
For Powder Coated, Add	17.54	
For Aluminum Coated, Add	27.40	
For Schedule 20, Deduct	-4.38	
For Schedule 80, Add	10.88	
32 31 13 13-0104 LF 6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	24.90	1.47
For Each Top Rail Fitting, Add	4.55	
For Each Single Barbed Wire Arm, Add	7.15	
For Each Double Barbed Wire Arm, Add	14.95	
For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
For Vinyl Coated, Add	13.15	
For Powder Coated, Add	17.54	
For Aluminum Coated, Add	27.40	
For Schedule 20, Deduct	-4.38	
For Schedule 80, Add	10.82	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0105	LF		6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	24.39	1.22
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	5.48	
			<i>For Vinyl Coated, Add</i>	13.15	
			<i>For Powder Coated, Add</i>	17.54	
			<i>For Aluminum Coated, Add</i>	27.40	
			<i>For Schedule 20, Deduct</i>	-4.38	
			<i>For Schedule 80, Add</i>	10.77	
32 31 13 13-0106	LF		6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	23.89	0.97
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	5.48	
			<i>For Vinyl Coated, Add</i>	13.15	
			<i>For Powder Coated, Add</i>	17.54	
			<i>For Aluminum Coated, Add</i>	27.40	
			<i>For Schedule 20, Deduct</i>	-4.38	
			<i>For Schedule 80, Add</i>	10.72	
32 31 13 13-0107	LF		6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	23.61	0.86
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	5.48	
			<i>For Vinyl Coated, Add</i>	13.15	
			<i>For Powder Coated, Add</i>	17.54	
			<i>For Aluminum Coated, Add</i>	27.40	
			<i>For Schedule 20, Deduct</i>	-4.38	
			<i>For Schedule 80, Add</i>	10.69	
32 31 13 13-0108	LF		6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	23.33	0.71
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	5.48	
			<i>For Vinyl Coated, Add</i>	13.15	
			<i>For Powder Coated, Add</i>	17.54	
			<i>For Aluminum Coated, Add</i>	27.40	
			<i>For Schedule 20, Deduct</i>	-4.38	
			<i>For Schedule 80, Add</i>	10.66	
32 31 13 13-0109			<b>Post Without Top Rail Fitting, Galvanized Steel, (8.625" Nominal)</b> (32 31 13 13-0059)		
			Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF		8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	48.87	1.98
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.96	
32 31 13 13-0111	LF		8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	48.22	1.67
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.89	
32 31 13 13-0112	LF		8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	47.66	1.37
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.84	
32 31 13 13-0113	LF		8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	47.09	1.06
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.78	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	46.80	0.91
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.75	
32 31	13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	46.49	0.76
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	11.23	
			<i>For Vinyl Coated, Add</i>	26.95	
			<i>For Powder Coated, Add</i>	35.94	
			<i>For Aluminum Coated, Add</i>	56.15	
			<i>For Schedule 20, Deduct</i>	-8.98	
			<i>For Schedule 80, Add</i>	21.72	
32 31	13 13-0116		<b>Chain Link Fence Assemblies</b> <small>(32 31 13 13)</small>		
32 31	13 13-0117		<b>Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts</b> <small>(32 31 13 13-0116)</small>		
			Note: Includes 2' 9 gauge coiled spring mesh (knuckled selvage), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0605 for barb wire attachments.		
32 31	13 13-0118		<b>Galvanized</b> <small>(32 31 13 13-0117)</small>		
32 31	13 13-0119	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	15.53	1.72
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.11	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.05	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.78	
			<i>For 6 Gauge Fabric, Add</i>	2.80	
			<i>For 1" Mesh Fabric, Add</i>	3.82	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.76	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.02	
			<i>For Posts 8' On Centers, Add</i>	0.86	
			<i>For Posts 5' On Centers, Add</i>	3.23	
			<i>For Up To 100, Add</i>	3.00	
			<i>For &gt;100 To 250, Add</i>	1.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.56	
			<i>For &gt;5,000, Deduct</i>	-1.11	
32 31	13 13-0120	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	16.23	1.72
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.15	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.26	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.90	
			<i>For 6 Gauge Fabric, Add</i>	2.99	
			<i>For 1" Mesh Fabric, Add</i>	4.08	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.63	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.82	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.09	
			<i>For Posts 8' On Centers, Add</i>	0.89	
			<i>For Posts 5' On Centers, Add</i>	3.37	
			<i>For Up To 100, Add</i>	3.12	
			<i>For &gt;100 To 250, Add</i>	1.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.58	
			<i>For &gt;5,000, Deduct</i>	-1.15	
32 31	13 13-0121	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	16.82	1.72
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.19	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.43	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.00	
			<i>For 6 Gauge Fabric, Add</i>	3.15	
			<i>For 1" Mesh Fabric, Add</i>	4.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.72	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.86	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.14	
			<i>For Posts 8' On Centers, Add</i>	0.92	
			<i>For Posts 5' On Centers, Add</i>	3.48	
			<i>For Up To 100, Add</i>	3.22	
			<i>For &gt;100 To 250, Add</i>	1.19	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.59	
			<i>For &gt;5,000, Deduct</i>	-1.19	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0122	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	18.24	1.72
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.27	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.84	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.25	
			<i>For 6 Gauge Fabric, Add</i>	3.53	
			<i>For 1" Mesh Fabric, Add</i>	4.81	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.96	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.28	
			<i>For Posts 8' On Centers, Add</i>	1.00	
			<i>For Posts 5' On Centers, Add</i>	3.75	
			<i>For Up To 100, Add</i>	3.45	
			<i>For &gt;100 To 250, Add</i>	1.27	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.64	
			<i>For &gt;5,000, Deduct</i>	-1.27	
32 31 13	13-0123	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	19.91	1.72
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.38	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.26	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.49	
			<i>For 6 Gauge Fabric, Add</i>	3.91	
			<i>For 1" Mesh Fabric, Add</i>	5.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.13	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.07	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.42	
			<i>For Posts 8' On Centers, Add</i>	1.09	
			<i>For Posts 5' On Centers, Add</i>	4.08	
			<i>For Up To 100, Add</i>	3.75	
			<i>For &gt;100 To 250, Add</i>	1.38	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.69	
			<i>For &gt;5,000, Deduct</i>	-1.38	
32 31 13	13-0124	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	20.89	2.58
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.44	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.50	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.63	
			<i>For 6 Gauge Fabric, Add</i>	4.13	
			<i>For 1" Mesh Fabric, Add</i>	5.63	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.25	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.13	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.50	
			<i>For Posts 8' On Centers, Add</i>	1.14	
			<i>For Posts 5' On Centers, Add</i>	4.28	
			<i>For Up To 100, Add</i>	3.93	
			<i>For &gt;100 To 250, Add</i>	1.44	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.72	
			<i>For &gt;5,000, Deduct</i>	-1.44	
32 31 13	13-0125	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	23.64	3.02
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.61	
			<i>For 13 Gauge Fabric, Deduct</i>	-5.28	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.08	
			<i>For 6 Gauge Fabric, Add</i>	4.84	
			<i>For 1" Mesh Fabric, Add</i>	6.60	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.64	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.32	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.76	
			<i>For Posts 8' On Centers, Add</i>	1.28	
			<i>For Posts 5' On Centers, Add</i>	4.81	
			<i>For Up To 100, Add</i>	4.39	
			<i>For &gt;100 To 250, Add</i>	1.61	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.80	
			<i>For &gt;5,000, Deduct</i>	-1.61	
32 31 13	13-0126	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	25.38	3.87
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.71	
			<i>For 13 Gauge Fabric, Deduct</i>	-5.74	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.35	
			<i>For 6 Gauge Fabric, Add</i>	5.27	
			<i>For 1" Mesh Fabric, Add</i>	7.19	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.87	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.44	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.92	
			<i>For Posts 8' On Centers, Add</i>	1.38	
			<i>For Posts 5' On Centers, Add</i>	5.14	
			<i>For Up To 100, Add</i>	4.69	
			<i>For &gt;100 To 250, Add</i>	1.71	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.86	
			<i>For &gt;5,000, Deduct</i>	-1.71	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0127	LF 10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	27.12	4.30
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.82	
			<i>For 13 Gauge Fabric, Deduct</i>	-6.21	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.63	
			<i>For 6 Gauge Fabric, Add</i>	5.70	
			<i>For 1" Mesh Fabric, Add</i>	7.77	
			<i>For 1-3/4" Mesh Fabric, Add</i>	3.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.55	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.07	
			<i>For Posts 8' On Centers, Add</i>	1.47	
			<i>For Posts 5' On Centers, Add</i>	5.48	
			<i>For Up To 100, Add</i>	4.99	
			<i>For &gt;100 To 250, Add</i>	1.82	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.91	
			<i>For &gt;5,000, Deduct</i>	-1.82	
32 31	13	13-0128	LF 12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	30.34	5.17
			<i>For Each Additional Foot &gt;12, Add</i>	2.75	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.02	
			<i>For 13 Gauge Fabric, Deduct</i>	-7.05	
			<i>For 11 Gauge Fabric, Deduct</i>	-4.12	
			<i>For 6 Gauge Fabric, Add</i>	6.48	
			<i>For 1" Mesh Fabric, Add</i>	8.83	
			<i>For 1-3/4" Mesh Fabric, Add</i>	3.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.77	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.35	
			<i>For Posts 8' On Centers, Add</i>	1.64	
			<i>For Posts 5' On Centers, Add</i>	6.11	
			<i>For Up To 100, Add</i>	5.56	
			<i>For &gt;100 To 250, Add</i>	2.02	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.01	
			<i>For &gt;5,000, Deduct</i>	-2.02	
32 31	13	13-0129	<b>Vinyl Coated</b> <small>(32 31 13 13-0117)</small>		
32 31	13	13-0130	LF 4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	17.70	1.72
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	1.61	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.23	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.73	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.18	
			<i>For 6 Gauge Fabric, Add</i>	3.43	
			<i>For 1" Mesh Fabric, Add</i>	4.67	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.87	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.93	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.25	
			<i>For Posts 8' On Centers, Add</i>	0.97	
			<i>For Posts 5' On Centers, Add</i>	3.64	
			<i>For Up To 100, Add</i>	3.35	
			<i>For &gt;100 To 250, Add</i>	1.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.62	
			<i>For &gt;5,000, Deduct</i>	-1.23	
32 31	13	13-0131	LF 5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	19.34	1.72
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	1.82	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.33	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.23	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.47	
			<i>For 6 Gauge Fabric, Add</i>	3.88	
			<i>For 1" Mesh Fabric, Add</i>	5.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.12	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.06	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.41	
			<i>For Posts 8' On Centers, Add</i>	1.05	
			<i>For Posts 5' On Centers, Add</i>	3.95	
			<i>For Up To 100, Add</i>	3.62	
			<i>For &gt;100 To 250, Add</i>	1.33	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.66	
			<i>For &gt;5,000, Deduct</i>	-1.33	
32 31	13	13-0132	LF 6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	22.17	1.72
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.18	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.49	
			<i>For 13 Gauge Fabric, Deduct</i>	-5.05	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.95	
			<i>For 6 Gauge Fabric, Add</i>	4.63	
			<i>For 1" Mesh Fabric, Add</i>	6.32	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.26	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.68	
			<i>For Posts 8' On Centers, Add</i>	1.20	
			<i>For Posts 5' On Centers, Add</i>	4.49	
			<i>For Up To 100, Add</i>	4.09	
			<i>For &gt;100 To 250, Add</i>	1.49	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.75	
			<i>For &gt;5,000, Deduct</i>	-1.49	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0133	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	23.51	2.58
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.34	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.57	
		<i>For 13 Gauge Fabric, Deduct</i>	-5.41	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.16	
		<i>For 6 Gauge Fabric, Add</i>	4.97	
		<i>For 1" Mesh Fabric, Add</i>	6.77	
		<i>For 1-3/4" Mesh Fabric, Add</i>	2.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.35	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.81	
		<i>For Posts 8' On Centers, Add</i>	1.27	
		<i>For Posts 5' On Centers, Add</i>	4.75	
		<i>For Up To 100, Add</i>	4.32	
		<i>For &gt;100 To 250, Add</i>	1.57	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.79	
		<i>For &gt;5,000, Deduct</i>	-1.57	
32 31 13 13-0134	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	26.69	3.02
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.73	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.76	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.33	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.70	
		<i>For 6 Gauge Fabric, Add</i>	5.82	
		<i>For 1" Mesh Fabric, Add</i>	7.93	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.17	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.59	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.11	
		<i>For Posts 8' On Centers, Add</i>	1.44	
		<i>For Posts 5' On Centers, Add</i>	5.35	
		<i>For Up To 100, Add</i>	4.85	
		<i>For &gt;100 To 250, Add</i>	1.76	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.88	
		<i>For &gt;5,000, Deduct</i>	-1.76	
32 31 13 13-0135	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	28.65	3.87
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.97	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.88	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.88	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.02	
		<i>For 6 Gauge Fabric, Add</i>	6.31	
		<i>For 1" Mesh Fabric, Add</i>	8.61	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.44	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.72	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.30	
		<i>For Posts 8' On Centers, Add</i>	1.54	
		<i>For Posts 5' On Centers, Add</i>	5.73	
		<i>For Up To 100, Add</i>	5.18	
		<i>For &gt;100 To 250, Add</i>	1.88	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.94	
		<i>For &gt;5,000, Deduct</i>	-1.88	
32 31 13 13-0136	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	30.61	4.30
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.20	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.99	
		<i>For 13 Gauge Fabric, Deduct</i>	-7.42	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.33	
		<i>For 6 Gauge Fabric, Add</i>	6.81	
		<i>For 1" Mesh Fabric, Add</i>	9.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.86	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.48	
		<i>For Posts 8' On Centers, Add</i>	1.64	
		<i>For Posts 5' On Centers, Add</i>	6.11	
		<i>For Up To 100, Add</i>	5.52	
		<i>For &gt;100 To 250, Add</i>	1.99	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.00	
		<i>For &gt;5,000, Deduct</i>	-1.99	
32 31 13 13-0137	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	33.42	5.17
		<i>For Each Additional Foot &gt;12, Add</i>	3.00	
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.51	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.17	
		<i>For 13 Gauge Fabric, Deduct</i>	-8.12	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.75	
		<i>For 6 Gauge Fabric, Add</i>	7.46	
		<i>For 1" Mesh Fabric, Add</i>	10.17	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.07	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.03	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.71	
		<i>For Posts 8' On Centers, Add</i>	1.79	
		<i>For Posts 5' On Centers, Add</i>	6.67	
		<i>For Up To 100, Add</i>	6.02	
		<i>For &gt;100 To 250, Add</i>	2.17	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.09	
		<i>For &gt;5,000, Deduct</i>	-2.17	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0138 Rails <small>(32 31 13 13)</small> Note: Includes rail end fittings.		
32 31 13 13-0139 SS-20 Chain Link Fence Rails <small>(32 31 13 13-0138)</small> Note: Includes tie wires.		
32 31 13 13-0140 LF 1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	2.61	0.56
For SS15, Deduct	-0.15	
For SS40, Add	0.36	
32 31 13 13-0141 LF 1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	3.10	0.56
For SS40, Add	0.19	
For Powder Coated, Add	0.39	
For Aluminum Coated, Add	0.78	
32 31 13 13-0142 LF 1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	3.19	0.64
For SS15, Deduct	-0.19	
For SS40, Add	0.48	
32 31 13 13-0143 LF 1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	3.84	0.64
For SS40, Add	0.26	
For Powder Coated, Add	0.52	
For Aluminum Coated, Add	1.03	
32 31 13 13-0144 LF 2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	3.74	0.71
For SS40, Add	0.58	
32 31 13 13-0145 LF 2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	4.52	0.71
For SS40, Add	0.31	
For Powder Coated, Add	0.62	
For Aluminum Coated, Add	1.24	
32 31 13 13-0146 Fabric <small>(32 31 13 13)</small>		
32 31 13 13-0147 Fabric, Galvanized Chain Link <small>(32 31 13 13-0146)</small>		
32 31 13 13-0148 LF 3' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	5.46	1.01
For 2 Oz Galvanized Coating, Add	0.54	
For 13 Gauge Fabric, Deduct	-0.98	
For 11 Gauge Fabric, Deduct	-0.54	
For 6 Gauge Fabric, Add	1.74	
For 1" Mesh Fabric, Add	1.63	
For 1-3/4" Mesh Fabric, Add	0.65	
For 2-1/8" Mesh Fabric, Deduct	-0.33	
For 2-3/8" Mesh Fabric, Deduct	-0.43	
32 31 13 13-0149 LF 3'-6" Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	6.08	1.14
For 2 Oz Galvanized Coating, Add	0.63	
For 13 Gauge Fabric, Deduct	-1.14	
For 11 Gauge Fabric, Deduct	-0.63	
For 6 Gauge Fabric, Add	2.02	
For 1" Mesh Fabric, Add	1.90	
For 1-3/4" Mesh Fabric, Add	0.76	
For 2-1/8" Mesh Fabric, Deduct	-0.38	
For 2-3/8" Mesh Fabric, Deduct	-0.51	
32 31 13 13-0150 LF 4' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	6.58	1.26
For 2 Oz Galvanized Coating, Add	0.70	
For 13 Gauge Fabric, Deduct	-1.25	
For 11 Gauge Fabric, Deduct	-0.70	
For 6 Gauge Fabric, Add	2.22	
For 1" Mesh Fabric, Add	2.09	
For 1-3/4" Mesh Fabric, Add	0.83	
For 2-1/8" Mesh Fabric, Deduct	-0.42	
For 2-3/8" Mesh Fabric, Deduct	-0.56	
32 31 13 13-0151 LF 5' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	7.51	1.52
For 2 Oz Galvanized Coating, Add	0.87	
For 13 Gauge Fabric, Deduct	-1.56	
For 11 Gauge Fabric, Deduct	-0.87	
For 6 Gauge Fabric, Add	2.77	
For 1" Mesh Fabric, Add	2.60	
For 1-3/4" Mesh Fabric, Add	1.04	
For 2-1/8" Mesh Fabric, Deduct	-0.52	
For 2-3/8" Mesh Fabric, Deduct	-0.69	
32 31 13 13-0152 LF 6' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	8.50	1.78
For 2 Oz Galvanized Coating, Add	1.04	
For 13 Gauge Fabric, Deduct	-1.87	
For 11 Gauge Fabric, Deduct	-1.04	
For 6 Gauge Fabric, Add	3.33	
For 1" Mesh Fabric, Add	3.12	
For 1-3/4" Mesh Fabric, Add	1.25	
For 2-1/8" Mesh Fabric, Deduct	-0.62	
For 2-3/8" Mesh Fabric, Deduct	-0.83	
32 31 13 13-0153 LF 7' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	9.53	2.03
For 2 Oz Galvanized Coating, Add	1.21	
For 13 Gauge Fabric, Deduct	-2.18	
For 11 Gauge Fabric, Deduct	-1.21	
For 6 Gauge Fabric, Add	3.88	
For 1" Mesh Fabric, Add	3.64	
For 1-3/4" Mesh Fabric, Add	1.46	
For 2-1/8" Mesh Fabric, Deduct	-0.73	
For 2-3/8" Mesh Fabric, Deduct	-0.97	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0154	LF	8'	Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	10.61	2.53
			<i>For 2 Oz Galvanized Coating, Add</i>	1.39	
			<i>For 13 Gauge Fabric, Deduct</i>	-2.49	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.39	
			<i>For 6 Gauge Fabric, Add</i>	4.43	
			<i>For 1" Mesh Fabric, Add</i>	4.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.66	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.83	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.11	
32 31 13 13-0155	LF	10'	Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	12.79	2.79
			<i>For 2 Oz Galvanized Coating, Add</i>	1.80	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.24	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.80	
			<i>For 6 Gauge Fabric, Add</i>	5.76	
			<i>For 1" Mesh Fabric, Add</i>	5.40	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.16	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.08	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.44	
32 31 13 13-0156	LF	12'	Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	14.71	3.04
			<i>For 2 Oz Galvanized Coating, Add</i>	2.16	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.88	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.16	
			<i>For 6 Gauge Fabric, Add</i>	6.90	
			<i>For 1" Mesh Fabric, Add</i>	6.47	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.59	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.29	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.73	
32 31 13 13-0157	LF	14'	Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	16.36	3.55
			<i>For 2 Oz Galvanized Coating, Add</i>	2.32	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.17	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.32	
			<i>For 6 Gauge Fabric, Add</i>	7.42	
			<i>For 1" Mesh Fabric, Add</i>	6.95	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.78	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.39	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.85	
32 31 13 13-0158	LF	16'	Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	18.02	4.05
			<i>For 2 Oz Galvanized Coating, Add</i>	2.48	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.46	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.48	
			<i>For 6 Gauge Fabric, Add</i>	7.93	
			<i>For 1" Mesh Fabric, Add</i>	7.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.97	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.49	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.98	
32 31 13 13-0159			<b>Fabric, Vinyl Coated Chain Link</b> <small>(32 31 13 13-0146)</small>		
32 31 13 13-0160	LF	4'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	7.46	1.01
			<i>For 13 Gauge Fabric, Deduct</i>	-1.65	
			<i>For 11 Gauge Fabric, Deduct</i>	-0.92	
			<i>For 6 Gauge Fabric, Add</i>	2.93	
			<i>For 1" Mesh Fabric, Add</i>	2.75	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.10	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.55	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.73	
			<i>For Aluminum Coated, Add</i>	1.46	
32 31 13 13-0161	LF	5'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	8.62	1.52
			<i>For 13 Gauge Fabric, Deduct</i>	-2.06	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.14	
			<i>For 6 Gauge Fabric, Add</i>	3.66	
			<i>For 1" Mesh Fabric, Add</i>	3.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.37	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.69	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.91	
			<i>For Aluminum Coated, Add</i>	1.83	
32 31 13 13-0162	LF	6'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	10.75	1.78
			<i>For 13 Gauge Fabric, Deduct</i>	-2.88	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.60	
			<i>For 6 Gauge Fabric, Add</i>	5.13	
			<i>For 1" Mesh Fabric, Add</i>	4.81	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.96	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.28	
			<i>For Aluminum Coated, Add</i>	2.56	
32 31 13 13-0163	LF	7'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	12.14	2.03
			<i>For 13 Gauge Fabric, Deduct</i>	-3.36	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.87	
			<i>For 6 Gauge Fabric, Add</i>	5.97	
			<i>For 1" Mesh Fabric, Add</i>	5.60	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.24	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.12	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.49	
			<i>For Aluminum Coated, Add</i>	2.98	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0164	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	13.66 -3.87 -2.15 6.87 6.44 2.58 -1.29 -1.72 3.44	2.53
32 31	13 13-0165	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	16.29 -4.82 -2.68 8.56 8.03 3.21 -1.61 -2.14 4.28	2.79
32 31	13 13-0166	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	17.78 -5.27 -2.93 9.36 8.78 3.51 -1.76 -2.34 4.68	3.04
32 31	13 13-0167	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	19.97 -5.80 -3.22 10.30 9.66 3.86 -1.93 -2.58 5.15	3.55
32 31	13 13-0168	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	22.22 -6.35 -3.53 11.29 10.58 4.23 -2.12 -2.82 5.64	4.05
<b>32 31 13 13-0169 Fabric, Aluminized Steel Chain Link</b> <small>(32 31 13 13-0146)</small>					
32 31	13 13-0170	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	5.37 1.66 2.18	1.01
32 31	13 13-0171	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	5.97 1.94 2.54	1.14
32 31	13 13-0172	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	6.57 2.22 2.91	1.26
32 31	13 13-0173	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	7.51 2.77 3.63	1.52
32 31	13 13-0174	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	8.47 3.30 4.34	1.78
32 31	13 13-0175	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	9.51 3.86 5.07	2.03
32 31	13 13-0176	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	10.59 4.42 5.80	2.53
32 31	13 13-0177	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.49 5.52 7.25	2.79
32 31	13 13-0178	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	14.36 6.62 8.69	3.04
<b>32 31 13 13-0179 Fabric, All Aluminum Chain Link</b> <small>(32 31 13 13-0146)</small>					
32 31	13 13-0180	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	8.73 4.35 5.71	1.01
32 31	13 13-0181	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	9.89 5.07 6.66	1.14

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0182	LF 4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	11.05 5.80 7.61	1.26
32 31 13 13-0183	LF 5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.11 7.25 9.51	1.52
32 31 13 13-0184	LF 6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	15.22 8.70 11.42	1.78
32 31 13 13-0185	LF 7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	17.37 10.15 13.32	2.03
32 31 13 13-0186	LF 8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	19.57 11.60 15.23	2.53
32 31 13 13-0187	LF 10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	23.71 14.50 19.03	2.79
32 31 13 13-0188	LF 12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.83 17.40 22.84	3.04
32 31 13 13-0189	<b>Fence Inserts</b> <small>(32 31 13 13-0146)</small> Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0190	<b>Vinyl Plastic Fence Inserts</b> <small>(32 31 13 13-0189)</small> Note: Assorted colors.		
32 31 13 13-0191	LF 3' High Fence, Vinyl Plastic Fence Insert.....	4.11	
32 31 13 13-0192	LF 3-1/2' High Fence, Vinyl Plastic Fence Insert.....	4.67	
32 31 13 13-0193	LF 4' High Fence, Vinyl Plastic Fence Insert.....	5.16	
32 31 13 13-0194	LF 5' High Fence, Vinyl Plastic Fence Insert.....	6.47	
32 31 13 13-0195	LF 6' High Fence, Vinyl Plastic Fence Insert.....	7.75	
32 31 13 13-0196	LF 7' High Fence, Vinyl Plastic Fence Insert.....	9.05	
32 31 13 13-0197	LF 8' High Fence, Vinyl Plastic Fence Insert.....	10.31	
32 31 13 13-0198	LF 10' High Fence, Vinyl Plastic Fence Insert.....	12.55	
32 31 13 13-0199	<b>Aluminum Fence Inserts</b> <small>(32 31 13 13-0189)</small> Note: Assorted colors.		
32 31 13 13-0200	LF 3' High Fence, Aluminum Fence Insert.....	9.69	
32 31 13 13-0201	LF 3-1/2' High Fence, Aluminum Fence Insert.....	10.68	
32 31 13 13-0202	LF 4' High Fence, Aluminum Fence Insert.....	12.30	
32 31 13 13-0203	LF 5' High Fence, Aluminum Fence Insert.....	15.40	
32 31 13 13-0204	LF 6' High Fence, Aluminum Fence Insert.....	18.48	
32 31 13 13-0205	LF 7' High Fence, Aluminum Fence Insert.....	20.28	
32 31 13 13-0206	LF 8' High Fence, Aluminum Fence Insert.....	24.63	
32 31 13 13-0207	LF 10' High Fence, Aluminum Fence Insert.....	30.37	
32 31 13 13-0208	<b>Redwood Fence Inserts</b> <small>(32 31 13 13-0189)</small>		
32 31 13 13-0209	LF 4' High Fence, Redwood Fence Insert.....	8.50	
32 31 13 13-0210	LF 5' High Fence, Redwood Fence Insert.....	10.71	
32 31 13 13-0211	LF 6' High Fence, Redwood Fence Insert.....	12.86	
32 31 13 13-0212	LF 7' High Fence, Redwood Fence Insert.....	14.98	
32 31 13 13-0213	LF 8' High Fence, Redwood Fence Insert.....	17.14	
32 31 13 13-0214	<b>Diagonal Flexible Polyethylene Inserts</b> <small>(32 31 13 13-0189)</small>		
32 31 13 13-0215	SF Diagonal Polyethylene Fence Weave .....	1.78	
32 31 13 13-0216	<b>Hedge Link Fence Inserts</b> <small>(32 31 13 13-0189)</small>		
32 31 13 13-0217	LF 3' High Fence, Hedge Link Fence Insert.....	9.81	
32 31 13 13-0218	LF 3-1/2' High Fence, Hedge Link Fence Insert.....	11.18	
32 31 13 13-0219	LF 4' High Fence, Hedge Link Fence Insert.....	13.04	
32 31 13 13-0220	LF 5' High Fence, Hedge Link Fence Insert.....	16.06	
32 31 13 13-0221	LF 6' High Fence, Hedge Link Fence Insert.....	18.32	
32 31 13 13-0222	LF 7' High Fence, Hedge Link Fence Insert.....	23.26	
32 31 13 13-0223	LF 8' High Fence, Hedge Link Fence Insert.....	26.40	
32 31 13 13-0224	LF 10' High Fence, Hedge Link Fence Insert.....	31.62	
32 31 13 13-0225	LF 12' High Fence, Hedge Link Fence Insert.....	36.27	
32 31 13 13-0226	<b>Fence Windscreen Fabric</b> <small>(32 31 13 13-0146)</small> Note: Includes plastic wire clips.		
32 31 13 13-0227	SF Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY..... <i>For Sewn Boxed Vent (Each), Add</i> <i>For Welded Boxed Vent (Each), Add</i> <i>For 4' x 4' One Color Logo (Each), Add</i>	1.27 14.03 7.02 292.32	





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 13 13-0228 Gates</b> <small>(32 31 13 13)</small> Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 13 13-0229 Galvanized Steel Without Barbed Wire</b> <small>(32 31 13 13-0228)</small> Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
<b>32 31 13 13-0230 4' Fence Height</b> <small>(32 31 13 13-0229)</small>		
32 31 13 13-0231 EA 3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 139.98 10.79 For Gate With Single Barb Wire Arm, Add 11.69 For Gate With Double Barb Wire Arm, Add 17.00 For 1-5/8" Schedule 40 Pipe Frame, Deduct -19.93 For Aluminized Steel Gate And Post, Add 51.01 For Powder Coated Gate And Post, Add 27.63		
32 31 13 13-0232 EA 4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 175.41 11.23 For Gate With Single Barb Wire Arm, Add 15.59 For Gate With Double Barb Wire Arm, Add 22.67 For 1-5/8" Schedule 40 Pipe Frame, Deduct -26.57 For Aluminized Steel Gate And Post, Add 68.02 For Powder Coated Gate And Post, Add 36.84		
32 31 13 13-0233 EA 5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 207.04 11.95 For Gate With Single Barb Wire Arm, Add 18.82 For Gate With Double Barb Wire Arm, Add 27.37 For 1-5/8" Schedule 40 Pipe Frame, Deduct -32.08 For Aluminized Steel Gate And Post, Add 82.12 For Powder Coated Gate And Post, Add 44.48		
32 31 13 13-0234 EA 6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 243.62 14.38 For Gate With Single Barb Wire Arm, Add 22.05 For Gate With Double Barb Wire Arm, Add 32.08 For 1-5/8" Schedule 40 Pipe Frame, Deduct -37.59 For Aluminized Steel Gate And Post, Add 96.23 For Powder Coated Gate And Post, Add 52.12		
32 31 13 13-0235 EA 7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 280.19 16.76 For Gate With Single Barb Wire Arm, Add 25.28 For Gate With Double Barb Wire Arm, Add 36.78 For 1-5/8" Schedule 40 Pipe Frame, Deduct -43.10 For Aluminized Steel Gate And Post, Add 110.33 For Powder Coated Gate And Post, Add 59.76		
32 31 13 13-0236 EA 8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 317.96 19.15 For Gate With Single Barb Wire Arm, Add 28.65 For Gate With Double Barb Wire Arm, Add 41.67 For 1-5/8" Schedule 40 Pipe Frame, Deduct -48.83 For Aluminized Steel Gate And Post, Add 125.01 For Powder Coated Gate And Post, Add 67.71		
32 31 13 13-0237 EA 9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 354.53 21.57 For Gate With Single Barb Wire Arm, Add 31.88 For Gate With Double Barb Wire Arm, Add 46.37 For 1-5/8" Schedule 40 Pipe Frame, Deduct -54.34 For Aluminized Steel Gate And Post, Add 139.11 For Powder Coated Gate And Post, Add 75.35		
32 31 13 13-0238 EA 10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire ..... 391.62 23.96 For Gate With Single Barb Wire Arm, Add 35.17 For Gate With Double Barb Wire Arm, Add 51.16 For 1-5/8" Schedule 40 Pipe Frame, Deduct -59.95 For Aluminized Steel Gate And Post, Add 153.47 For Powder Coated Gate And Post, Add 83.13		
32 31 13 13-0239 EA 10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire ..... 497.04 23.96 For Gate With Single Barb Wire Arm, Add 46.77 For Gate With Double Barb Wire Arm, Add 68.02 For 1-5/8" Schedule 40 Pipe Frame, Deduct -79.71 For Aluminized Steel Gate And Post, Add 204.07 For Powder Coated Gate And Post, Add 110.54		
32 31 13 13-0240 EA 12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire ..... 587.20 25.66 For Gate With Single Barb Wire Arm, Add 56.12 For Gate With Double Barb Wire Arm, Add 81.63 For 1-5/8" Schedule 40 Pipe Frame, Deduct -95.66 For Aluminized Steel Gate And Post, Add 244.88 For Powder Coated Gate And Post, Add 132.64		
32 31 13 13-0241 EA 14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire ..... 678.15 27.64 For Gate With Single Barb Wire Arm, Add 65.47 For Gate With Double Barb Wire Arm, Add 95.23 For 1-5/8" Schedule 40 Pipe Frame, Deduct -111.60 For Aluminized Steel Gate And Post, Add 285.69 For Powder Coated Gate And Post, Add 154.75		
32 31 13 13-0242 EA 16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire ..... 770.10 29.93 For Gate With Single Barb Wire Arm, Add 74.82 For Gate With Double Barb Wire Arm, Add 108.84 For 1-5/8" Schedule 40 Pipe Frame, Deduct -127.54 For Aluminized Steel Gate And Post, Add 326.51 For Powder Coated Gate And Post, Add 176.86		

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0243	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	876.99	37.19
			<i>For Gate With Single Barb Wire Arm, Add</i>	84.18	
			<i>For Gate With Double Barb Wire Arm, Add</i>	122.44	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-143.48	
			<i>For Aluminized Steel Gate And Post, Add</i>	367.32	
			<i>For Powder Coated Gate And Post, Add</i>	198.97	
32 31 13	13-0244	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	969.99	39.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	93.53	
			<i>For Gate With Double Barb Wire Arm, Add</i>	136.04	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-159.43	
			<i>For Aluminized Steel Gate And Post, Add</i>	408.13	
			<i>For Powder Coated Gate And Post, Add</i>	221.07	
32 31 13	13-0245	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,062.16	42.95
			<i>For Gate With Single Barb Wire Arm, Add</i>	102.66	
			<i>For Gate With Double Barb Wire Arm, Add</i>	149.32	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-174.98	
			<i>For Aluminized Steel Gate And Post, Add</i>	447.95	
			<i>For Powder Coated Gate And Post, Add</i>	242.64	
32 31 13	13-0246	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,155.86	46.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	111.78	
			<i>For Gate With Double Barb Wire Arm, Add</i>	162.59	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-190.53	
			<i>For Aluminized Steel Gate And Post, Add</i>	487.77	
			<i>For Powder Coated Gate And Post, Add</i>	264.21	
32 31 13	13-0247	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,251.51	50.75
			<i>For Gate With Single Barb Wire Arm, Add</i>	120.91	
			<i>For Gate With Double Barb Wire Arm, Add</i>	175.86	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-206.09	
			<i>For Aluminized Steel Gate And Post, Add</i>	527.59	
			<i>For Powder Coated Gate And Post, Add</i>	285.78	
32 31 13	13-0248	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,318.58	55.84
			<i>For Gate With Single Barb Wire Arm, Add</i>	126.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	184.16	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-215.81	
			<i>For Aluminized Steel Gate And Post, Add</i>	552.47	
			<i>For Powder Coated Gate And Post, Add</i>	299.25	
32 31 13	13-0249	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,461.64	62.01
			<i>For Gate With Single Barb Wire Arm, Add</i>	140.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	204.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-239.14	
			<i>For Aluminized Steel Gate And Post, Add</i>	612.20	
			<i>For Powder Coated Gate And Post, Add</i>	331.61	
32 31 13	13-0250		<b>5' Fence Height</b> <small>(32 31 13 13-0229)</small>		
32 31 13	13-0251	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	167.29	11.95
			<i>For Gate With Single Barb Wire Arm, Add</i>	14.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	21.01	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-24.63	
			<i>For Aluminized Steel Gate And Post, Add</i>	63.04	
			<i>For Powder Coated Gate And Post, Add</i>	34.15	
32 31 13	13-0252	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	210.50	11.95
			<i>For Gate With Single Barb Wire Arm, Add</i>	19.20	
			<i>For Gate With Double Barb Wire Arm, Add</i>	27.93	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-32.73	
			<i>For Aluminized Steel Gate And Post, Add</i>	83.78	
			<i>For Powder Coated Gate And Post, Add</i>	45.38	
32 31 13	13-0253	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	245.58	12.71
			<i>For Gate With Single Barb Wire Arm, Add</i>	22.81	
			<i>For Gate With Double Barb Wire Arm, Add</i>	33.18	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-38.88	
			<i>For Aluminized Steel Gate And Post, Add</i>	99.54	
			<i>For Powder Coated Gate And Post, Add</i>	53.92	
32 31 13	13-0254	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	287.79	15.28
			<i>For Gate With Single Barb Wire Arm, Add</i>	26.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	38.71	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-45.37	
			<i>For Aluminized Steel Gate And Post, Add</i>	116.14	
			<i>For Powder Coated Gate And Post, Add</i>	62.91	
32 31 13	13-0255	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	326.54	17.79
			<i>For Gate With Single Barb Wire Arm, Add</i>	30.04	
			<i>For Gate With Double Barb Wire Arm, Add</i>	43.69	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-51.20	
			<i>For Aluminized Steel Gate And Post, Add</i>	131.07	
			<i>For Powder Coated Gate And Post, Add</i>	71.00	
32 31 13	13-0256	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	369.19	20.49
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	49.22	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-57.68	
			<i>For Aluminized Steel Gate And Post, Add</i>	147.66	
			<i>For Powder Coated Gate And Post, Add</i>	79.98	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0257	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	409.66 37.45 54.47 -63.84 163.42 88.52	23.05
32 31	13 13-0258	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	450.13 41.06 59.73 -69.99 179.18 97.06	25.57
32 31	13 13-0259	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	603.80 57.94 84.28 -98.77 252.84 136.96	25.66
32 31	13 13-0260	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	715.48 69.58 101.20 -118.60 303.61 164.46	27.64
32 31	13 13-0261	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	828.17 81.21 118.13 -138.43 354.38 191.96	29.93
32 31	13 13-0262	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	955.79 92.85 135.05 -158.26 405.14 219.45	37.19
32 31	13 13-0263	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,067.46 104.25 151.64 -177.70 454.92 246.41	39.86
32 31	13 13-0264	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,184.51 116.11 168.89 -197.92 506.68 274.45	42.95
32 31	13 13-0265	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,301.03 127.75 185.82 -217.75 557.45 301.95	46.51
32 31	13 13-0266	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,417.41 139.15 202.41 -237.20 607.22 328.91	50.75
32 31	13 13-0267	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,540.48 151.02 219.66 -257.42 658.98 356.95	55.84
32 31	13 13-0268	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,663.57 162.51 236.37 -277.00 709.12 384.11	62.01
32 31	13 13-0269	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,789.78 173.83 252.84 -296.30 758.53 410.87	69.77

32 31 13 13-0270 6' Fence Height (32 31 13 13-0229)

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0271	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	179.36	12.81
			<i>For Gate With Single Barb Wire Arm, Add</i>	15.49	
			<i>For Gate With Double Barb Wire Arm, Add</i>	22.54	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-26.41	
			<i>For Aluminized Steel Gate And Post, Add</i>	67.61	
			<i>For Powder Coated Gate And Post, Add</i>	36.62	
32 31 13	13-0272	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	226.02	12.81
			<i>For Gate With Single Barb Wire Arm, Add</i>	20.63	
			<i>For Gate With Double Barb Wire Arm, Add</i>	30.00	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-35.16	
			<i>For Aluminized Steel Gate And Post, Add</i>	90.00	
			<i>For Powder Coated Gate And Post, Add</i>	48.75	
32 31 13	13-0273	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	264.10	13.62
			<i>For Gate With Single Barb Wire Arm, Add</i>	24.55	
			<i>For Gate With Double Barb Wire Arm, Add</i>	35.71	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-41.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	107.14	
			<i>For Powder Coated Gate And Post, Add</i>	58.03	
32 31 13	13-0274	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	306.93	16.45
			<i>For Gate With Single Barb Wire Arm, Add</i>	28.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	41.20	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-48.28	
			<i>For Aluminized Steel Gate And Post, Add</i>	123.60	
			<i>For Powder Coated Gate And Post, Add</i>	66.95	
32 31 13	13-0275	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	351.76	19.32
			<i>For Gate With Single Barb Wire Arm, Add</i>	32.32	
			<i>For Gate With Double Barb Wire Arm, Add</i>	47.01	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-55.09	
			<i>For Aluminized Steel Gate And Post, Add</i>	141.02	
			<i>For Powder Coated Gate And Post, Add</i>	76.39	
32 31 13	13-0276	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	394.42	22.02
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.12	
			<i>For Gate With Double Barb Wire Arm, Add</i>	52.54	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.57	
			<i>For Aluminized Steel Gate And Post, Add</i>	157.61	
			<i>For Powder Coated Gate And Post, Add</i>	85.37	
32 31 13	13-0277	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	437.52	24.85
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.92	
			<i>For Gate With Double Barb Wire Arm, Add</i>	58.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.05	
			<i>For Aluminized Steel Gate And Post, Add</i>	174.20	
			<i>For Powder Coated Gate And Post, Add</i>	94.36	
32 31 13	13-0278	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	465.06	27.68
			<i>For Gate With Single Barb Wire Arm, Add</i>	42.01	
			<i>For Gate With Double Barb Wire Arm, Add</i>	61.11	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-71.61	
			<i>For Aluminized Steel Gate And Post, Add</i>	183.33	
			<i>For Powder Coated Gate And Post, Add</i>	99.30	
32 31 13	13-0279	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	644.97	27.64
			<i>For Gate With Single Barb Wire Arm, Add</i>	61.82	
			<i>For Gate With Double Barb Wire Arm, Add</i>	89.92	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-105.38	
			<i>For Aluminized Steel Gate And Post, Add</i>	269.76	
			<i>For Powder Coated Gate And Post, Add</i>	146.12	
32 31 13	13-0280	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	763.88	29.93
			<i>For Gate With Single Barb Wire Arm, Add</i>	74.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	107.84	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-126.38	
			<i>For Aluminized Steel Gate And Post, Add</i>	323.52	
			<i>For Powder Coated Gate And Post, Add</i>	175.24	
32 31 13	13-0281	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	907.78	39.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	86.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	126.09	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-147.76	
			<i>For Aluminized Steel Gate And Post, Add</i>	378.27	
			<i>For Powder Coated Gate And Post, Add</i>	204.90	
32 31 13	13-0282	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	1,028.98	42.95
			<i>For Gate With Single Barb Wire Arm, Add</i>	99.01	
			<i>For Gate With Double Barb Wire Arm, Add</i>	144.01	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-168.76	
			<i>For Aluminized Steel Gate And Post, Add</i>	432.02	
			<i>For Powder Coated Gate And Post, Add</i>	234.01	
32 31 13	13-0283	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	1,153.79	46.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	111.55	
			<i>For Gate With Double Barb Wire Arm, Add</i>	162.26	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-190.15	
			<i>For Aluminized Steel Gate And Post, Add</i>	486.77	
			<i>For Powder Coated Gate And Post, Add</i>	263.67	
32 31 13	13-0284	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	1,280.54	50.75
			<i>For Gate With Single Barb Wire Arm, Add</i>	124.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	180.51	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-211.53	
			<i>For Aluminized Steel Gate And Post, Add</i>	541.52	
			<i>For Powder Coated Gate And Post, Add</i>	293.32	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0285	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,407.76 136.42 198.43 -232.53 595.28 322.44	55.84
32 31	13 13-0286	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,539.41 148.85 216.51 -253.72 649.53 351.83	62.01
32 31	13 13-0287	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,674.47 161.15 234.39 -274.68 703.18 380.89	69.77
32 31	13 13-0288	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,817.64 173.60 252.51 -295.91 757.53 410.33	79.72
32 31	13 13-0289	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,970.97 186.08 270.66 -317.18 811.98 439.82	93.03
<b>32 31 13 13-0290 7' Fence Height (32 31 13 13-0229)</b>					
32 31	13 13-0291	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	188.38 16.16 23.50 -27.54 70.51 38.19	13.79
32 31	13 13-0292	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	236.77 21.48 31.25 -36.62 93.74 50.78	13.79
32 31	13 13-0293	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	278.07 25.79 37.52 -43.97 112.55 60.96	14.51
32 31	13 13-0294	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	340.73 31.65 46.03 -53.95 138.10 74.80	17.66
32 31	13 13-0295	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	402.98 37.51 54.55 -63.93 163.66 88.65	20.68
32 31	13 13-0296	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	465.64 43.36 63.07 -73.91 189.21 102.49	23.77
32 31	13 13-0297	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	527.87 49.22 71.59 -83.89 214.77 116.33	26.78
32 31	13 13-0298	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	580.95 54.02 78.57 -92.08 235.71 127.68	29.93

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0299	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	734.47	29.93
			<i>For Gate With Single Barb Wire Arm, Add</i>	70.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	103.13	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-120.86	
			<i>For Aluminized Steel Gate And Post, Add</i>	309.40	
			<i>For Powder Coated Gate And Post, Add</i>	167.59	
32 31 13	13-0300	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	836.45	39.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	78.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	114.68	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-134.39	
			<i>For Aluminized Steel Gate And Post, Add</i>	344.03	
			<i>For Powder Coated Gate And Post, Add</i>	186.35	
32 31 13	13-0301	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	965.12	42.95
			<i>For Gate With Single Barb Wire Arm, Add</i>	91.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	133.79	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-156.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	401.37	
			<i>For Powder Coated Gate And Post, Add</i>	217.41	
32 31 13	13-0302	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,085.35	46.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	104.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	151.31	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-177.31	
			<i>For Aluminized Steel Gate And Post, Add</i>	453.92	
			<i>For Powder Coated Gate And Post, Add</i>	245.87	
32 31 13	13-0303	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,218.32	50.75
			<i>For Gate With Single Barb Wire Arm, Add</i>	117.25	
			<i>For Gate With Double Barb Wire Arm, Add</i>	170.55	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-199.87	
			<i>For Aluminized Steel Gate And Post, Add</i>	511.66	
			<i>For Powder Coated Gate And Post, Add</i>	277.15	
32 31 13	13-0304	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,351.76	55.84
			<i>For Gate With Single Barb Wire Arm, Add</i>	130.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	189.47	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-222.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	568.40	
			<i>For Powder Coated Gate And Post, Add</i>	307.88	
32 31 13	13-0305	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,488.60	62.01
			<i>For Gate With Single Barb Wire Arm, Add</i>	143.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	208.38	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-244.19	
			<i>For Aluminized Steel Gate And Post, Add</i>	625.14	
			<i>For Powder Coated Gate And Post, Add</i>	338.62	
32 31 13	13-0306	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,630.09	69.77
			<i>For Gate With Single Barb Wire Arm, Add</i>	156.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	227.29	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-266.36	
			<i>For Aluminized Steel Gate And Post, Add</i>	681.88	
			<i>For Powder Coated Gate And Post, Add</i>	369.35	
32 31 13	13-0307	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,778.24	79.72
			<i>For Gate With Single Barb Wire Arm, Add</i>	169.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	246.21	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-288.52	
			<i>For Aluminized Steel Gate And Post, Add</i>	738.62	
			<i>For Powder Coated Gate And Post, Add</i>	400.09	
32 31 13	13-0308	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,936.34	93.03
			<i>For Gate With Single Barb Wire Arm, Add</i>	182.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	265.12	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-310.69	
			<i>For Aluminized Steel Gate And Post, Add</i>	795.36	
			<i>For Powder Coated Gate And Post, Add</i>	430.82	
32 31 13	13-0309	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	2,110.43	111.62
			<i>For Gate With Single Barb Wire Arm, Add</i>	195.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	284.03	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-332.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	852.10	
			<i>For Powder Coated Gate And Post, Add</i>	461.55	
32 31 13	13-0310	EA	8' Fence Height <small>(32 31 13 13-0229)</small> .....	220.37	14.96
			<i>For Gate With Single Barb Wire Arm, Add</i>	19.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	28.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-32.90	
			<i>For Aluminized Steel Gate And Post, Add</i>	84.21	
			<i>For Powder Coated Gate And Post, Add</i>	45.61	
32 31 13	13-0312	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	278.85	14.96
			<i>For Gate With Single Barb Wire Arm, Add</i>	25.73	
			<i>For Gate With Double Barb Wire Arm, Add</i>	37.43	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.86	
			<i>For Aluminized Steel Gate And Post, Add</i>	112.28	
			<i>For Powder Coated Gate And Post, Add</i>	60.82	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0313	EA 5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	325.21 30.26 44.02 -51.58 132.05 71.53	16.68
32 31	13	13-0314	EA 6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	372.93 34.79 50.61 -59.31 151.83 82.24	18.88
32 31	13	13-0315	EA 7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	425.82 39.33 57.20 -67.03 171.60 92.95	22.74
32 31	13	13-0316	EA 8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	478.25 43.86 63.79 -74.76 191.38 103.66	26.47
32 31	13	13-0317	EA 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	531.14 48.39 70.39 -82.48 211.16 114.38	30.38
32 31	13	13-0318	EA 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	584.02 52.92 76.98 -90.21 230.93 125.09	34.28
32 31	13	13-0319	EA 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	841.40 79.38 115.47 -135.32 346.41 187.64	39.86
32 31	13	13-0320	EA 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	989.57 94.67 137.70 -161.37 413.11 223.77	42.95
32 31	13	13-0321	EA 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,141.34 110.18 160.27 -187.81 480.80 260.43	46.51
32 31	13	13-0322	EA 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,299.20 126.15 183.49 -215.03 550.48 298.18	50.75
32 31	13	13-0323	EA 18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,459.60 142.12 206.72 -242.25 620.16 335.92	55.84
32 31	13	13-0324	EA 20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,621.33 157.86 229.62 -269.08 688.85 373.13	62.01
32 31	13	13-0325	EA 22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,785.63 173.37 252.18 -295.52 756.54 409.79	69.77
32 31	13	13-0326	EA 24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,960.74 189.34 275.41 -322.74 826.22 447.54	79.72

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0327	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	2,145.80	93.03
			<i>For Gate With Single Barb Wire Arm, Add</i>	205.31	
			<i>For Gate With Double Barb Wire Arm, Add</i>	298.63	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-349.96	
			<i>For Aluminized Steel Gate And Post, Add</i>	895.90	
			<i>For Powder Coated Gate And Post, Add</i>	485.28	
32 31 13	13-0328	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	2,344.77	111.62
			<i>For Gate With Single Barb Wire Arm, Add</i>	221.05	
			<i>For Gate With Double Barb Wire Arm, Add</i>	321.53	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-376.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	964.58	
			<i>For Powder Coated Gate And Post, Add</i>	522.48	
32 31 13	13-0329	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	2,571.67	139.53
			<i>For Gate With Single Barb Wire Arm, Add</i>	236.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	344.42	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-403.62	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,033.27	
			<i>For Powder Coated Gate And Post, Add</i>	559.69	
32 31 13	13-0330		<b>10' Fence Height</b> <small>(32 31 13 13-0229)</small>		
32 31 13	13-0331	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	276.79	16.63
			<i>For Gate With Single Barb Wire Arm, Add</i>	24.95	
			<i>For Gate With Double Barb Wire Arm, Add</i>	36.30	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-42.54	
			<i>For Aluminized Steel Gate And Post, Add</i>	108.89	
			<i>For Powder Coated Gate And Post, Add</i>	58.98	
32 31 13	13-0332	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	352.42	16.63
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	48.40	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.72	
			<i>For Aluminized Steel Gate And Post, Add</i>	145.20	
			<i>For Powder Coated Gate And Post, Add</i>	78.65	
32 31 13	13-0333	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	407.90	17.35
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.13	
			<i>For Gate With Double Barb Wire Arm, Add</i>	56.92	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.71	
			<i>For Aluminized Steel Gate And Post, Add</i>	170.77	
			<i>For Powder Coated Gate And Post, Add</i>	92.50	
32 31 13	13-0334	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	473.76	21.57
			<i>For Gate With Single Barb Wire Arm, Add</i>	45.00	
			<i>For Gate With Double Barb Wire Arm, Add</i>	65.45	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-76.70	
			<i>For Aluminized Steel Gate And Post, Add</i>	196.34	
			<i>For Powder Coated Gate And Post, Add</i>	106.35	
32 31 13	13-0335	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	539.35	25.57
			<i>For Gate With Single Barb Wire Arm, Add</i>	50.85	
			<i>For Gate With Double Barb Wire Arm, Add</i>	73.97	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-86.68	
			<i>For Aluminized Steel Gate And Post, Add</i>	221.91	
			<i>For Powder Coated Gate And Post, Add</i>	120.20	
32 31 13	13-0336	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	605.02	29.80
			<i>For Gate With Single Barb Wire Arm, Add</i>	56.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	82.49	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-96.67	
			<i>For Aluminized Steel Gate And Post, Add</i>	247.48	
			<i>For Powder Coated Gate And Post, Add</i>	134.05	
32 31 13	13-0337	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	670.42	33.84
			<i>For Gate With Single Barb Wire Arm, Add</i>	62.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	91.02	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-106.66	
			<i>For Aluminized Steel Gate And Post, Add</i>	273.06	
			<i>For Powder Coated Gate And Post, Add</i>	147.91	
32 31 13	13-0338	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	736.30	38.02
			<i>For Gate With Single Barb Wire Arm, Add</i>	68.44	
			<i>For Gate With Double Barb Wire Arm, Add</i>	99.54	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-116.65	
			<i>For Aluminized Steel Gate And Post, Add</i>	298.63	
			<i>For Powder Coated Gate And Post, Add</i>	161.76	
32 31 13	13-0339	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	1,066.24	44.31
			<i>For Gate With Single Barb Wire Arm, Add</i>	102.65	
			<i>For Gate With Double Barb Wire Arm, Add</i>	149.32	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-174.98	
			<i>For Aluminized Steel Gate And Post, Add</i>	447.95	
			<i>For Powder Coated Gate And Post, Add</i>	242.64	
32 31 13	13-0340	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	1,159.41	47.66
			<i>For Gate With Single Barb Wire Arm, Add</i>	111.78	
			<i>For Gate With Double Barb Wire Arm, Add</i>	162.59	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-190.54	
			<i>For Aluminized Steel Gate And Post, Add</i>	487.78	
			<i>For Powder Coated Gate And Post, Add</i>	264.21	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0341	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,320.69 128.21 186.48 -218.53 559.44 303.03	51.69
32 31 13	13-0342	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,500.64 146.46 213.03 -249.64 639.08 346.17	56.36
32 31 13	13-0343	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,683.54 164.70 239.57 -280.75 718.71 389.30	62.01
32 31 13	13-0344	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	1,871.09 183.07 266.28 -312.05 798.84 432.71	68.88
32 31 13	13-0345	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	2,063.99 201.43 292.99 -343.35 878.98 476.11	77.52
32 31 13	13-0346	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	2,262.98 219.68 319.54 -374.46 958.61 519.25	88.52
32 31 13	13-0347	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	2,473.40 237.93 346.08 -405.57 1,038.25 562.39	103.34
32 31 13	13-0348	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	2,701.05 256.18 372.63 -436.67 1,117.88 605.52	123.92
32 31 13	13-0349	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	2,962.47 274.66 399.50 -468.17 1,198.51 649.19	155.04
<b>32 31 13</b>	<b>13-0350</b>		<b>12' Fence Height</b> (32 31 13 13-0229)		
32 31 13	13-0351	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	345.87 31.94 46.46 -54.45 139.39 75.50	18.47
32 31 13	13-0352	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	442.66 42.59 61.95 -72.60 185.85 100.67	18.47
32 31 13	13-0353	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	512.90 50.09 72.86 -85.38 218.58 118.40	19.15
32 31 13	13-0354	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	595.03 57.59 83.77 -98.17 251.32 136.13	23.77

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0355	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	677.13	28.44
			<i>For Gate With Single Barb Wire Arm, Add</i>	65.09	
			<i>For Gate With Double Barb Wire Arm, Add</i>	94.68	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-110.95	
			<i>For Aluminized Steel Gate And Post, Add</i>	284.04	
			<i>For Powder Coated Gate And Post, Add</i>	153.86	
32 31 13	13-0356	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	758.81	32.94
			<i>For Gate With Single Barb Wire Arm, Add</i>	72.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	105.59	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-123.74	
			<i>For Aluminized Steel Gate And Post, Add</i>	316.78	
			<i>For Powder Coated Gate And Post, Add</i>	171.59	
32 31 13	13-0357	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	840.93	37.57
			<i>For Gate With Single Barb Wire Arm, Add</i>	80.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	116.50	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-136.53	
			<i>For Aluminized Steel Gate And Post, Add</i>	349.51	
			<i>For Powder Coated Gate And Post, Add</i>	189.32	
32 31 13	13-0358	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	923.08	42.20
			<i>For Gate With Single Barb Wire Arm, Add</i>	87.60	
			<i>For Gate With Double Barb Wire Arm, Add</i>	127.41	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-149.31	
			<i>For Aluminized Steel Gate And Post, Add</i>	382.24	
			<i>For Powder Coated Gate And Post, Add</i>	207.05	
32 31 13	13-0359	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,257.31	49.23
			<i>For Gate With Single Barb Wire Arm, Add</i>	122.05	
			<i>For Gate With Double Barb Wire Arm, Add</i>	177.52	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-208.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	532.56	
			<i>For Powder Coated Gate And Post, Add</i>	288.47	
32 31 13	13-0360	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,378.50	53.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	134.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	195.11	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-228.64	
			<i>For Aluminized Steel Gate And Post, Add</i>	585.32	
			<i>For Powder Coated Gate And Post, Add</i>	317.05	
32 31 13	13-0361	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,570.21	57.40
			<i>For Gate With Single Barb Wire Arm, Add</i>	153.75	
			<i>For Gate With Double Barb Wire Arm, Add</i>	223.64	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-262.08	
			<i>For Aluminized Steel Gate And Post, Add</i>	670.93	
			<i>For Powder Coated Gate And Post, Add</i>	363.42	
32 31 13	13-0362	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,784.93	62.59
			<i>For Gate With Single Barb Wire Arm, Add</i>	175.65	
			<i>For Gate With Double Barb Wire Arm, Add</i>	255.50	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-299.41	
			<i>For Aluminized Steel Gate And Post, Add</i>	766.49	
			<i>For Powder Coated Gate And Post, Add</i>	415.18	
32 31 13	13-0363	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	2,002.78	68.93
			<i>For Gate With Single Barb Wire Arm, Add</i>	197.55	
			<i>For Gate With Double Barb Wire Arm, Add</i>	287.35	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-336.74	
			<i>For Aluminized Steel Gate And Post, Add</i>	862.06	
			<i>For Powder Coated Gate And Post, Add</i>	466.95	
32 31 13	13-0364	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	2,226.83	76.53
			<i>For Gate With Single Barb Wire Arm, Add</i>	219.68	
			<i>For Gate With Double Barb Wire Arm, Add</i>	319.54	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-374.46	
			<i>For Aluminized Steel Gate And Post, Add</i>	958.61	
			<i>For Powder Coated Gate And Post, Add</i>	519.25	
32 31 13	13-0365	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	2,454.85	86.11
			<i>For Gate With Single Barb Wire Arm, Add</i>	241.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	351.39	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-411.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,054.18	
			<i>For Powder Coated Gate And Post, Add</i>	571.01	
32 31 13	13-0366	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	2,692.78	98.37
			<i>For Gate With Single Barb Wire Arm, Add</i>	263.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	383.58	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-449.51	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,150.73	
			<i>For Powder Coated Gate And Post, Add</i>	623.31	
32 31 13	13-0367	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	2,939.24	114.87
			<i>For Gate With Single Barb Wire Arm, Add</i>	285.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	415.10	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-486.44	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,245.30	
			<i>For Powder Coated Gate And Post, Add</i>	674.54	
32 31 13	13-0368	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	3,206.94	137.70
			<i>For Gate With Single Barb Wire Arm, Add</i>	307.28	
			<i>For Gate With Double Barb Wire Arm, Add</i>	446.95	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-523.77	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,340.86	
			<i>For Powder Coated Gate And Post, Add</i>	726.30	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0369 EA 30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	3,511.93	172.27
For Gate With Single Barb Wire Arm, Add	329.41	
For Gate With Double Barb Wire Arm, Add	479.14	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-561.49	
For Aluminized Steel Gate And Post, Add	1,437.42	
For Powder Coated Gate And Post, Add	778.60	
<b>32 31 13 13-0370 Vinyl Coated Without Barb Wire Arm</b> <small>(32 31 13 13-0228)</small>		
Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
<b>32 31 13 13-0371 4' Fence Height</b> <small>(32 31 13 13-0370)</small>		
32 31 13 13-0372 EA 3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	172.08	11.23
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-25.95	
For Gate With Single Barb Wire Arm, Add	15.22	
For Gate With Double Barb Wire Arm, Add	22.14	
32 31 13 13-0373 EA 4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	218.21	11.23
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-34.60	
For Gate With Single Barb Wire Arm, Add	20.30	
For Gate With Double Barb Wire Arm, Add	29.52	
32 31 13 13-0374 EA 5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	258.91	11.95
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-41.81	
For Gate With Single Barb Wire Arm, Add	24.53	
For Gate With Double Barb Wire Arm, Add	35.67	
32 31 13 13-0375 EA 6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	304.53	14.38
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-49.01	
For Gate With Single Barb Wire Arm, Add	28.75	
For Gate With Double Barb Wire Arm, Add	41.82	
32 31 13 13-0376 EA 7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	350.16	16.76
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-56.22	
For Gate With Single Barb Wire Arm, Add	32.98	
For Gate With Double Barb Wire Arm, Add	47.97	
32 31 13 13-0377 EA 8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	395.80	19.15
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-63.43	
For Gate With Single Barb Wire Arm, Add	37.21	
For Gate With Double Barb Wire Arm, Add	54.12	
32 31 13 13-0378 EA 9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	441.43	21.57
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-70.63	
For Gate With Single Barb Wire Arm, Add	41.44	
For Gate With Double Barb Wire Arm, Add	60.27	
32 31 13 13-0379 EA 10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	487.05	23.96
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.84	
For Gate With Single Barb Wire Arm, Add	45.67	
For Gate With Double Barb Wire Arm, Add	66.42	
32 31 13 13-0380 EA 10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	625.43	23.96
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-103.79	
For Gate With Single Barb Wire Arm, Add	60.89	
For Gate With Double Barb Wire Arm, Add	88.56	
32 31 13 13-0381 EA 12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	741.28	25.66
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-124.55	
For Gate With Single Barb Wire Arm, Add	73.07	
For Gate With Double Barb Wire Arm, Add	106.28	
32 31 13 13-0382 EA 14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	857.91	27.64
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.30	
For Gate With Single Barb Wire Arm, Add	85.24	
For Gate With Double Barb Wire Arm, Add	123.99	
32 31 13 13-0383 EA 16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	975.54	29.93
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-166.06	
For Gate With Single Barb Wire Arm, Add	97.42	
For Gate With Double Barb Wire Arm, Add	141.71	
32 31 13 13-0384 EA 18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,108.10	37.19
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-186.82	
For Gate With Single Barb Wire Arm, Add	109.60	
For Gate With Double Barb Wire Arm, Add	159.42	
32 31 13 13-0385 EA 20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,226.79	39.86
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-207.58	
For Gate With Single Barb Wire Arm, Add	121.78	
For Gate With Double Barb Wire Arm, Add	177.13	
32 31 13 13-0386 EA 22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,346.71	42.95
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-228.33	
For Gate With Single Barb Wire Arm, Add	133.96	
For Gate With Double Barb Wire Arm, Add	194.84	
32 31 13 13-0387 EA 24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,468.16	46.51
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-249.09	
For Gate With Single Barb Wire Arm, Add	146.13	
For Gate With Double Barb Wire Arm, Add	212.56	
32 31 13 13-0388 EA 26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,591.56	50.75
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-269.85	
For Gate With Single Barb Wire Arm, Add	158.31	
For Gate With Double Barb Wire Arm, Add	230.27	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0389	EA		28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,717.50 -290.61 170.49 247.98	55.84
32 31 13 13-0390	EA		30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,846.83 -311.36 182.67 265.70	62.01
<b>32 31 13 13-0391</b>			<b>5' Fence Height</b> <small>(32 31 13 13-0370)</small>		
32 31 13 13-0392	EA		3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	207.43 -32.15 18.86 27.44	11.95
32 31 13 13-0393	EA		4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	264.59 -42.87 25.15 36.58	11.95
32 31 13 13-0394	EA		5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	309.72 -50.91 29.87 43.44	12.71
32 31 13 13-0395	EA		6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	360.22 -58.95 34.58 50.30	15.28
32 31 13 13-0396	EA		7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	410.73 -66.98 39.30 57.16	17.79
32 31 13 13-0397	EA		8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	461.68 -75.02 44.01 64.02	20.49
32 31 13 13-0398	EA		9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	512.19 -83.06 48.73 70.88	23.05
32 31 13 13-0399	EA		10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	562.69 -91.10 53.44 77.74	25.57
32 31 13 13-0400	EA		10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	762.94 -128.61 75.45 109.74	25.66
32 31 13 13-0401	EA		12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	906.04 -154.33 90.54 131.69	27.64
32 31 13 13-0402	EA		14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,050.14 -180.05 105.63 153.64	29.93
32 31 13 13-0403	EA		16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,209.19 -205.77 120.72 175.59	37.19
32 31 13 13-0404	EA		18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,354.35 -231.49 135.81 197.54	39.86
32 31 13 13-0405	EA		20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,500.74 -257.21 150.90 219.49	42.95
32 31 13 13-0406	EA		22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,648.67 -282.94 165.99 241.44	46.51
32 31 13 13-0407	EA		24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,798.54 -308.66 181.08 263.39	50.75
32 31 13 13-0408	EA		26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,950.95 -334.38 196.17 285.34	55.84
32 31 13 13-0409	EA		28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,106.76 -360.10 211.26 307.28	62.01



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0410	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,267.22 -385.82 226.35 329.23	69.77
<b>32 31</b>	<b>13 13-0411</b>		<b>6' Fence Height</b> <small>(32 31 13 13-0370)</small>		
32 31	13 13-0412	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	221.77 -34.36 20.16 29.32	12.81
32 31	13 13-0413	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	282.85 -45.81 26.88 39.09	12.81
32 31	13 13-0414	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	331.05 -54.41 31.92 46.43	13.62
32 31	13 13-0415	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	385.41 -63.00 36.96 53.76	16.45
32 31	13 13-0416	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	439.76 -71.59 42.00 61.09	19.32
32 31	13 13-0417	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	493.67 -80.18 47.04 68.42	22.02
32 31	13 13-0418	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	548.02 -88.77 52.08 75.75	24.85
32 31	13 13-0419	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	602.38 -97.36 57.12 83.08	27.68
32 31	13 13-0420	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	816.00 -137.45 80.63 117.29	27.64
32 31	13 13-0421	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	969.52 -164.93 96.76 140.74	29.93
32 31	13 13-0422	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,145.97 -192.42 112.89 164.20	39.86
32 31	13 13-0423	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,301.79 -219.91 129.01 187.66	42.95
32 31	13 13-0424	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,459.14 -247.40 145.14 211.11	46.51
32 31	13 13-0425	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,645.53 -279.97 164.25 238.91	50.75
32 31	13 13-0426	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,785.20 -303.30 177.94 258.82	55.84
32 31	13 13-0427	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,945.52 -329.87 193.52 281.49	62.01
32 31	13 13-0428	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,115.40 -357.35 209.65 304.94	69.77
32 31	13 13-0429	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,291.95 -384.84 225.78 328.40	79.72
32 31	13 13-0430	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,478.45 -412.33 241.90 351.86	93.03

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0431		<b>7' Fence Height</b> <small>(32 31 13 13-0370)</small>		
	32 31 13 13-0432	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	233.96	13.79
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-36.09	
			<i>For Gate With Single Barb Wire Arm, Add</i>	21.17	
			<i>For Gate With Double Barb Wire Arm, Add</i>	30.80	
	32 31 13 13-0433	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	298.13	13.79
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-48.12	
			<i>For Gate With Single Barb Wire Arm, Add</i>	28.23	
			<i>For Gate With Double Barb Wire Arm, Add</i>	41.06	
	32 31 13 13-0434	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	348.38	14.51
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-57.15	
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.53	
			<i>For Gate With Double Barb Wire Arm, Add</i>	48.77	
	32 31 13 13-0435	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	405.92	17.66
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.17	
			<i>For Gate With Single Barb Wire Arm, Add</i>	38.82	
			<i>For Gate With Double Barb Wire Arm, Add</i>	56.46	
	32 31 13 13-0436	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	463.05	20.68
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-75.19	
			<i>For Gate With Single Barb Wire Arm, Add</i>	44.11	
			<i>For Gate With Double Barb Wire Arm, Add</i>	64.16	
	32 31 13 13-0437	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	520.61	23.77
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-84.22	
			<i>For Gate With Single Barb Wire Arm, Add</i>	49.41	
			<i>For Gate With Double Barb Wire Arm, Add</i>	71.87	
	32 31 13 13-0438	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	577.71	26.78
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-93.24	
			<i>For Gate With Single Barb Wire Arm, Add</i>	54.70	
			<i>For Gate With Double Barb Wire Arm, Add</i>	79.56	
	32 31 13 13-0439	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	635.28	29.93
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-102.26	
			<i>For Gate With Single Barb Wire Arm, Add</i>	59.99	
			<i>For Gate With Double Barb Wire Arm, Add</i>	87.26	
	32 31 13 13-0440	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	859.84	29.93
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-144.37	
			<i>For Gate With Single Barb Wire Arm, Add</i>	84.70	
			<i>For Gate With Double Barb Wire Arm, Add</i>	123.19	
	32 31 13 13-0441	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,043.66	39.86
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-173.24	
			<i>For Gate With Single Barb Wire Arm, Add</i>	101.63	
			<i>For Gate With Double Barb Wire Arm, Add</i>	147.83	
	32 31 13 13-0442	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,206.87	42.95
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-202.11	
			<i>For Gate With Single Barb Wire Arm, Add</i>	118.57	
			<i>For Gate With Double Barb Wire Arm, Add</i>	172.47	
	32 31 13 13-0443	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,371.59	46.51
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-230.98	
			<i>For Gate With Single Barb Wire Arm, Add</i>	135.51	
			<i>For Gate With Double Barb Wire Arm, Add</i>	197.11	
	32 31 13 13-0444	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,538.29	50.75
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-259.86	
			<i>For Gate With Single Barb Wire Arm, Add</i>	152.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	221.75	
	32 31 13 13-0445	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,707.49	55.84
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-288.73	
			<i>For Gate With Single Barb Wire Arm, Add</i>	169.39	
			<i>For Gate With Double Barb Wire Arm, Add</i>	246.38	
	32 31 13 13-0446	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,880.09	62.01
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-317.60	
			<i>For Gate With Single Barb Wire Arm, Add</i>	186.32	
			<i>For Gate With Double Barb Wire Arm, Add</i>	271.02	
	32 31 13 13-0447	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,057.38	69.77
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-346.48	
			<i>For Gate With Single Barb Wire Arm, Add</i>	203.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	295.66	
	32 31 13 13-0448	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,241.33	79.72
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-375.35	
			<i>For Gate With Single Barb Wire Arm, Add</i>	220.21	
			<i>For Gate With Double Barb Wire Arm, Add</i>	320.30	
	32 31 13 13-0449	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,435.19	93.03
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-404.22	
			<i>For Gate With Single Barb Wire Arm, Add</i>	237.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	344.94	
	32 31 13 13-0450	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,645.08	111.62
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-433.10	
			<i>For Gate With Single Barb Wire Arm, Add</i>	254.08	
			<i>For Gate With Double Barb Wire Arm, Add</i>	369.58	
32 31 13	13-0451		<b>8' Fence Height</b> <small>(32 31 13 13-0370)</small>		
	32 31 13 13-0452	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	278.23	14.96
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.74	
			<i>For Gate With Single Barb Wire Arm, Add</i>	25.66	
			<i>For Gate With Double Barb Wire Arm, Add</i>	37.33	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0453	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	356.00 -58.33 34.22 49.77	14.96
32 31	13 13-0454	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	407.85 -68.05 39.92 58.07	14.96
32 31	13 13-0455	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	471.39 -77.77 45.62 66.36	18.88
32 31	13 13-0456	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	534.92 -87.49 51.33 74.66	22.74
32 31	13 13-0457	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	598.00 -97.21 57.03 82.95	26.47
32 31	13 13-0458	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	661.54 -106.93 62.73 91.25	30.38
32 31	13 13-0459	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	725.06 -116.65 68.44 99.54	34.28
32 31	13 13-0460	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,052.94 -174.98 102.65 149.32	39.86
32 31	13 13-0461	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,248.79 -209.97 123.18 179.18	42.95
32 31	13 13-0462	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,446.18 -244.97 143.72 209.04	46.51
32 31	13 13-0463	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,645.52 -279.97 164.25 238.90	50.75
32 31	13 13-0464	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,847.39 -314.96 184.78 268.77	55.84
32 31	13 13-0465	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,052.66 -349.96 205.31 298.63	62.01
32 31	13 13-0466	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,262.59 -384.95 225.84 328.49	69.77
32 31	13 13-0467	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,479.17 -419.95 246.37 358.36	79.72
32 31	13 13-0468	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,705.70 -454.94 266.90 388.22	93.03
32 31	13 13-0469	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,948.23 -469.94 287.43 418.08	111.62
32 31	13 13-0470	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,218.67 -524.93 307.96 447.94	139.53
32 31	13 13-0471		<b>10' Fence Height</b> (32 31 13 13-0370)		
32 31	13 13-0472	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	320.57 -50.75 29.77 43.30	16.63
32 31	13 13-0473	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	410.79 -67.66 39.69 57.74	16.63

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0474	EA		5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm.....	473.14	17.35
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-78.94	
			<i>For Gate With Single Barb Wire Arm, Add</i>	46.31	
			<i>For Gate With Double Barb Wire Arm, Add</i>	67.36	
32 31 13 13-0475	EA		6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	545.86	21.57
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-90.22	
			<i>For Gate With Single Barb Wire Arm, Add</i>	52.93	
			<i>For Gate With Double Barb Wire Arm, Add</i>	76.98	
32 31 13 13-0476	EA		7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	618.13	25.57
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-101.49	
			<i>For Gate With Single Barb Wire Arm, Add</i>	59.54	
			<i>For Gate With Double Barb Wire Arm, Add</i>	86.61	
32 31 13 13-0477	EA		8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	690.88	29.80
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-112.77	
			<i>For Gate With Single Barb Wire Arm, Add</i>	66.16	
			<i>For Gate With Double Barb Wire Arm, Add</i>	96.23	
32 31 13 13-0478	EA		9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	763.14	33.84
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-124.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	72.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	105.85	
32 31 13 13-0479	EA		10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	835.88	38.02
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-135.32	
			<i>For Gate With Single Barb Wire Arm, Add</i>	79.39	
			<i>For Gate With Double Barb Wire Arm, Add</i>	115.48	
32 31 13 13-0480	EA		10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,215.60	44.31
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-202.98	
			<i>For Gate With Single Barb Wire Arm, Add</i>	119.08	
			<i>For Gate With Double Barb Wire Arm, Add</i>	173.21	
32 31 13 13-0481	EA		12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,442.30	47.66
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-243.58	
			<i>For Gate With Single Barb Wire Arm, Add</i>	142.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	207.85	
32 31 13 13-0482	EA		14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,670.80	51.69
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-284.18	
			<i>For Gate With Single Barb Wire Arm, Add</i>	166.72	
			<i>For Gate With Double Barb Wire Arm, Add</i>	242.50	
32 31 13 13-0483	EA		16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,901.35	56.36
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-324.77	
			<i>For Gate With Single Barb Wire Arm, Add</i>	190.53	
			<i>For Gate With Double Barb Wire Arm, Add</i>	277.14	
32 31 13 13-0484	EA		18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,134.87	62.01
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-365.37	
			<i>For Gate With Single Barb Wire Arm, Add</i>	214.35	
			<i>For Gate With Double Barb Wire Arm, Add</i>	311.78	
32 31 13 13-0485	EA		20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,371.98	68.88
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-405.97	
			<i>For Gate With Single Barb Wire Arm, Add</i>	238.17	
			<i>For Gate With Double Barb Wire Arm, Add</i>	346.42	
32 31 13 13-0486	EA		22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,614.46	77.52
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-446.56	
			<i>For Gate With Single Barb Wire Arm, Add</i>	261.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	381.07	
32 31 13 13-0487	EA		24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,864.05	88.52
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-487.16	
			<i>For Gate With Single Barb Wire Arm, Add</i>	285.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	415.71	
32 31 13 13-0488	EA		26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,125.08	103.34
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-527.76	
			<i>For Gate With Single Barb Wire Arm, Add</i>	309.62	
			<i>For Gate With Double Barb Wire Arm, Add</i>	450.35	
32 31 13 13-0489	EA		28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,403.34	123.92
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-568.35	
			<i>For Gate With Single Barb Wire Arm, Add</i>	333.43	
			<i>For Gate With Double Barb Wire Arm, Add</i>	484.99	
32 31 13 13-0490	EA		30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,713.30	155.04
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-608.95	
			<i>For Gate With Single Barb Wire Arm, Add</i>	357.25	
			<i>For Gate With Double Barb Wire Arm, Add</i>	519.64	
<b>32 31 13 13-0491</b>			<b>12' Fence Height</b> <small>(32 31 13 13-0370)</small>		
32 31 13 13-0492	EA		3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	432.92	18.47
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-70.77	
			<i>For Gate With Single Barb Wire Arm, Add</i>	41.52	
			<i>For Gate With Double Barb Wire Arm, Add</i>	60.39	
32 31 13 13-0493	EA		4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	558.39	18.47
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-94.30	
			<i>For Gate With Single Barb Wire Arm, Add</i>	55.32	
			<i>For Gate With Double Barb Wire Arm, Add</i>	80.47	
32 31 13 13-0494	EA		5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	653.75	19.15
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-111.79	
			<i>For Gate With Single Barb Wire Arm, Add</i>	65.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	95.40	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0495	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	745.45 -126.38 74.14 107.84	23.77
32 31	13 13-0496	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	845.79 -142.58 83.65 121.67	28.44
32 31	13 13-0497	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	945.68 -158.78 93.15 135.49	32.94
32 31	13 13-0498	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,046.02 -174.98 102.66 149.32	37.57
32 31	13 13-0499	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,137.74 -189.56 111.21 161.76	42.20
32 31	13 13-0500	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,663.73 -284.25 166.76 242.56	49.23
32 31	13 13-0501	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,027.61 -350.35 205.54 298.96	53.00
32 31	13 13-0502	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,354.12 -409.07 239.98 349.07	57.40
32 31	13 13-0503	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,680.83 -467.39 274.20 398.84	62.59
32 31	13 13-0504	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,006.60 -524.94 307.96 447.95	68.93
32 31	13 13-0505	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,340.48 -583.27 342.18 497.72	76.53
32 31	13 13-0506	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,680.49 -641.60 376.40 547.49	86.11
32 31	13 13-0507	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,028.33 -699.92 410.62 597.27	98.37
32 31	13 13-0508	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,399.23 -760.19 445.98 648.70	114.87
32 31	13 13-0509	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,778.91 -818.52 480.20 698.47	137.70
32 31	13 13-0510	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	5,193.82 -876.85 514.42 748.24	172.27
32 31	13 13-0511		<b>Sliding Gate</b> <small>(32 31 13 13-0228)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31	13 13-0512		<b>4' High Sliding Gate</b> <small>(32 31 13 13-0511)</small>		
32 31	13 13-0513	EA	10' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,344.80 110.52 301.42	170.02
32 31	13 13-0514	EA	12' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,616.18 132.63 361.71	205.26
32 31	13 13-0515	EA	14' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,885.63 154.73 421.99	239.47
32 31	13 13-0516	EA	16' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,158.07 176.84 482.28	275.25

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0517	EA		18' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,427.86 198.94 542.57	309.66
32 31 13 13-0518	EA		20' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,691.28 221.05 602.85	340.87
32 31 13 13-0519	EA		24' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,214.67 263.31 718.11	410.49
32 31 13 13-0520	EA		30' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,563.88 331.57 904.27	774.82
32 31 13 13-0521	EA		40' Long x 4' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	6,085.16 442.09 1,205.69	1,033.10
<b>32 31 13 13-0522</b>			<b>5' High Sliding Gate</b> <small>(32 31 13 13-0511)</small>		
32 31 13 13-0523	EA		10' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,404.37 113.77 310.28	185.05
32 31 13 13-0524	EA		12' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,684.73 136.52 372.34	221.82
32 31 13 13-0525	EA		14' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,965.43 159.28 434.40	258.75
32 31 13 13-0526	EA		16' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,246.34 182.03 496.45	295.78
32 31 13 13-0527	EA		18' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,527.02 204.79 558.51	332.65
32 31 13 13-0528	EA		20' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,807.82 227.54 620.57	369.63
32 31 13 13-0529	EA		24' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,352.19 271.05 739.22	444.06
32 31 13 13-0530	EA		30' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,211.93 341.31 930.85	554.58
32 31 13 13-0531	EA		40' Long x 5' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,615.65 455.08 1,241.13	739.26
<b>32 31 13 13-0532</b>			<b>6' High Sliding Gate</b> <small>(32 31 13 13-0511)</small>		
32 31 13 13-0533	EA		10' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,488.81 116.04 316.49	216.95
32 31 13 13-0534	EA		12' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,785.05 139.25 379.78	259.53
32 31 13 13-0535	EA		14' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,082.44 162.46 443.08	302.75
32 31 13 13-0536	EA		16' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,380.05 185.67 506.37	346.06
32 31 13 13-0537	EA		18' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,677.46 208.88 569.67	389.27
32 31 13 13-0538	EA		20' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,977.79 232.09 632.97	433.95
32 31 13 13-0539	EA		24' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,551.51 276.46 753.99	519.11
32 31 13 13-0540	EA		30' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,462.93 348.13 949.45	649.06
32 31 13 13-0541	EA		40' Long x 6' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,949.86 464.18 1,265.94	865.01
<b>32 31 13 13-0542</b>			<b>7' High Sliding Gate</b> <small>(32 31 13 13-0511)</small>		
32 31 13 13-0543	EA		10' Long x 7' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,580.26 120.59 328.89	241.99
32 31 13 13-0544	EA		12' Long x 7' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,895.94 144.71 394.67	290.17



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0545	EA	14' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,212.39 168.83 460.44	338.78
32 31 13	13-0546	EA	16' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,528.02 192.95 526.22	386.96
32 31 13	13-0547	EA	18' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,844.11 217.07 592.00	435.42
32 31 13	13-0548	EA	20' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,159.85 241.18 657.77	483.66
32 31 13	13-0549	EA	24' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,772.51 287.30 783.54	580.35
32 31 13	13-0550	EA	30' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	4,739.77 361.77 986.66	725.43
32 31 13	13-0551	EA	40' Long x 7' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	6,319.69 482.37 1,315.55	967.26
<b>32 31 13 13-0552 8' High Sliding Gate (32 31 13 13-0511)</b>					
32 31 13	13-0553	EA	10' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	1,653.07 124.16 338.63	262.15
32 31 13	13-0554	EA	12' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	1,982.18 149.00 406.36	313.85
32 31 13	13-0555	EA	14' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,312.57 173.83 474.08	366.18
32 31 13	13-0556	EA	16' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,643.07 198.66 541.81	418.50
32 31 13	13-0557	EA	18' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,972.98 223.50 609.53	470.61
32 31 13	13-0558	EA	20' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,303.53 248.33 677.26	522.99
32 31 13	13-0559	EA	24' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,944.48 295.81 806.75	627.64
32 31 13	13-0560	EA	30' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	4,955.68 372.49 1,015.89	784.67
32 31 13	13-0561	EA	40' Long x 8' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	6,606.00 496.66 1,354.52	1,045.45
<b>32 31 13 13-0562 9' High Sliding Gate (32 31 13 13-0511)</b>					
32 31 13	13-0563	EA	10' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	1,739.12 128.39 350.15	285.99
32 31 13	13-0564	EA	12' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,084.82 154.06 420.18	342.13
32 31 13	13-0565	EA	14' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,432.15 179.74 490.21	399.07
32 31 13	13-0566	EA	16' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	2,779.95 205.42 560.24	456.26
32 31 13	13-0567	EA	18' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,127.39 231.10 630.26	513.25
32 31 13	13-0568	EA	20' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	3,474.82 256.78 700.30	570.24
32 31 13	13-0569	EA	24' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	4,149.09 305.87 834.19	684.21
32 31 13	13-0570	EA	30' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	5,211.76 385.16 1,050.44	855.17
32 31 13	13-0571	EA	40' Long x 9' High Sliding Gate For Gate With Barb Wire Arm, Add For Vinyl Coated, Add	6,950.89 513.55 1,400.59	1,141.16
<b>32 31 13 13-0572 10' High Sliding Gate (32 31 13 13-0511)</b>					

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0573	EA	10'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,846.52 133.91 365.21	314.58
32 31 13 13-0574	EA	12'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,215.83 160.69 438.25	377.48
32 31 13 13-0575	EA	14'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,585.34 187.47 511.29	440.50
32 31 13 13-0576	EA	16'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,954.56 214.26 584.33	503.41
32 31 13 13-0577	EA	18'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,323.73 241.04 657.37	566.25
32 31 13 13-0578	EA	20'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,693.05 267.82 730.42	629.16
32 31 13 13-0579	EA	24'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,410.76 319.03 870.07	755.28
32 31 13 13-0580	EA	30'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,539.56 401.73 1,095.62	943.74
32 31 13 13-0581	EA	40'	Long x 10' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	7,384.57 535.64 1,460.83	1,257.59
32 31 13 13-0582			<b>Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller</b> <small>(32)</small> <small>31 13 13-0228)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.		
32 31 13 13-0583	EA	5'	High x 10' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	2,572.25 236.86 344.52 1,033.55 452.18 645.97	209.51
32 31 13 13-0584	EA	5'	High x 12' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	2,823.59 252.98 367.97 1,103.91 482.96 689.94	261.89
32 31 13 13-0585	EA	5'	High x 15' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	3,076.93 269.32 391.74 1,175.23 514.16 734.52	314.26
32 31 13 13-0586	EA	5'	High x 20' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	3,612.89 305.23 443.98 1,331.93 582.72 832.46	419.02
32 31 13 13-0587	EA	6'	High x 15' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	3,359.61 277.37 403.45 1,210.35 529.53 756.47	419.02
32 31 13 13-0588	EA	6'	High x 20' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	3,939.72 312.38 454.37 1,363.10 596.36 851.94	549.96
32 31 13 13-0589	EA	6'	High x 25' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	5,221.49 424.56 617.55 1,852.64 810.53 1,157.90	680.91
32 31 13 13-0590	EA	6'	High x 30' Wide Galvanized Cantilever Sliding Gate <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	5,883.33 468.56 681.54 2,044.62 894.52 1,277.89	811.85



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0591 EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	3,932.49 317.34 461.59 1,384.77 605.84 865.48	523.78
32 31 13 13-0592 EA 8' High x 20' Wide Galvanized Cantilever Sliding Gate..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	4,662.68 357.33 519.76 1,559.27 682.18 974.54	707.09
32 31 13 13-0593 EA 8' High x 25' Wide Galvanized Cantilever Sliding Gate..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	6,195.97 485.66 706.42 2,119.26 927.18 1,324.54	890.42
32 31 13 13-0594 EA 8' High x 30' Wide Galvanized Cantilever Sliding Gate..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For Vinyl Coated, Add</i>	6,967.19 535.93 779.53 2,338.60 1,023.14 1,461.62	1,047.55
<b>32 31 13 13-0595 Gate Accessories</b> <small>(32 31 13 13-0228)</small>		
32 31 13 13-0596 EA Gate Center Stop, Cast Steel, Ground .....	12.26	
32 31 13 13-0597 EA Gate Latch, Malleable Galvanized Steel .....	24.73	
32 31 13 13-0598 EA Gate Keeper, Full Length, Galvanized Steel.....	115.64	
32 31 13 13-0599 EA Gate Keeper Hold-Open For Cantilever Gate.....	55.83	8.54
32 31 13 13-0600 EA Heavy Duty Gate Latch, Malleable Galvanized Steel .....	31.19	
32 31 13 13-0601 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	747.51	
32 31 13 13-0602 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate .....	799.77	
32 31 13 13-0603 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate .....	852.02	
<b>32 31 13 13-0604 Accessories</b> <small>(32 31 13 13)</small>		
<b>32 31 13 13-0605 Barbed And Concertina Wire</b> <small>(32 31 13 13-0604)</small>		
<b>32 31 13 13-0606 Single Strand Barbed Wire</b> <small>(32 31 13 13-0605)</small>		
32 31 13 13-0607 LF Galvanized Barbed Wire, Per Strand..... <i>Note: Includes clips. 4 points 12-1/2 Gauge, Class I.</i> <i>For &gt;500 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	0.50 -0.05 -0.07	0.22
32 31 13 13-0608 LF Vinyl Coated Barbed Wire (Fused), Per Strand .....	0.58	0.22
<i>Note: Includes clips.</i> <i>For &gt;500 To 2,000, Deduct</i> <i>For &gt;2,000, Deduct</i>	-0.05 -0.08	
32 31 13 13-0609 EA Barbed Wire Extension Arms 3 Strands (Single Arm).....	5.81	3.59
32 31 13 13-0610 EA Barbed Wire Extension Arms 6 Strands (Double Arm) .....	9.78	4.31
32 31 13 13-0611 EA Barbed Wire Eye Tops (For Single Strand).....	5.78	3.59
<b>32 31 13 13-0612 Galvanized Steel Concertina (Razor) Wire, Single Coil</b> <small>(32 31 13 13-0605)</small>		
32 31 13 13-0613 LF 18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For &gt;500 To 1,500, Deduct</i> <i>For &gt;1,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	1.90 -0.17 -0.33 -0.47 -0.23 1.45	0.31
32 31 13 13-0614 LF 18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For &gt;500 To 1,500, Deduct</i> <i>For &gt;1,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	2.85 -0.25 -0.49 -0.70 -0.34 2.18	0.31
32 31 13 13-0615 LF 18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For &gt;500 To 1,500, Deduct</i> <i>For &gt;1,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	3.80 -0.33 -0.66 -0.94 -0.45 2.90	0.31

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0616	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	2.40	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.21	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.41	
			<i>For &gt;5,000, Deduct</i>	-0.58	
			<i>For Ground Installation, Deduct</i>	-0.25	
			<i>For Double Coil (Helix), Add</i>	1.90	
32 31	13 13-0617	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.62	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.31	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.62	
			<i>For &gt;5,000, Deduct</i>	-0.87	
			<i>For Ground Installation, Deduct</i>	-0.38	
			<i>For Double Coil (Helix), Add</i>	2.87	
32 31	13 13-0618	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.78	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.41	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.82	
			<i>For &gt;5,000, Deduct</i>	-1.15	
			<i>For Ground Installation, Deduct</i>	-0.50	
			<i>For Double Coil (Helix), Add</i>	3.79	
32 31	13 13-0619	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.61	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.52	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-1.05	
			<i>For &gt;5,000, Deduct</i>	-1.43	
			<i>For Ground Installation, Deduct</i>	-0.28	
			<i>For Double Coil (Helix), Add</i>	6.05	
32 31	13 13-0620	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	10.00	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.79	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-1.58	
			<i>For &gt;5,000, Deduct</i>	-2.17	
			<i>For Ground Installation, Deduct</i>	-0.42	
			<i>For Double Coil (Helix), Add</i>	9.16	
32 31	13 13-0621	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	13.23	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-1.05	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-2.10	
			<i>For &gt;5,000, Deduct</i>	-2.87	
			<i>For Ground Installation, Deduct</i>	-0.56	
			<i>For Double Coil (Helix), Add</i>	12.11	
32 31	13 13-0622		<b>Stainless Steel Concertina (Razor) Wire, Single Coil</b> <small>(32 31 13 13-0605)</small>		
32 31	13 13-0623	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	2.50	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.21	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.42	
			<i>For &gt;5,000, Deduct</i>	-0.59	
			<i>For Ground Installation, Deduct</i>	-0.23	
			<i>For Double Coil (Helix), Add</i>	2.05	
32 31	13 13-0624	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.76	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.32	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.63	
			<i>For &gt;5,000, Deduct</i>	-0.89	
			<i>For Ground Installation, Deduct</i>	-0.34	
			<i>For Double Coil (Helix), Add</i>	3.09	
32 31	13 13-0625	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	5.00	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.42	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.84	
			<i>For &gt;5,000, Deduct</i>	-1.18	
			<i>For Ground Installation, Deduct</i>	-0.45	
			<i>For Double Coil (Helix), Add</i>	4.10	
32 31	13 13-0626	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.20	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.27	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.53	
			<i>For &gt;5,000, Deduct</i>	-0.74	
			<i>For Ground Installation, Deduct</i>	-0.25	
			<i>For Double Coil (Helix), Add</i>	2.70	
32 31	13 13-0627	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.83	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.40	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-0.80	
			<i>For &gt;5,000, Deduct</i>	-1.12	
			<i>For Ground Installation, Deduct</i>	-0.38	
			<i>For Double Coil (Helix), Add</i>	4.08	
32 31	13 13-0628	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.38	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.53	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-1.06	
			<i>For &gt;5,000, Deduct</i>	-1.47	
			<i>For Ground Installation, Deduct</i>	-0.50	
			<i>For Double Coil (Helix), Add</i>	5.39	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences And Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0629	LF		30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	9.64	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-0.75	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-1.50	
			<i>For &gt;5,000, Deduct</i>	-2.04	
			<i>For Ground Installation, Deduct</i>	-0.28	
			<i>For Double Coil (Helix), Add</i>	9.08	
32 31 13 13-0630	LF		30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	14.59	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-1.14	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-2.27	
			<i>For &gt;5,000, Deduct</i>	-3.09	
			<i>For Ground Installation, Deduct</i>	-0.42	
			<i>For Double Coil (Helix), Add</i>	13.75	
32 31 13 13-0631	LF		30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	19.29	0.31
			<i>For &gt;500 To 1,500, Deduct</i>	-1.50	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-3.01	
			<i>For &gt;5,000, Deduct</i>	-4.08	
			<i>For Ground Installation, Deduct</i>	-0.56	
			<i>For Double Coil (Helix), Add</i>	18.17	
32 31 13 13-0632			<b>Grounding For Gates</b> (32 31 13 13-0604) Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0633	OPN		Grounding For Gates (Per Opening).....	245.58	
32 31 13 13-0634			<b>Coiled Spring Reinforcing Wire</b> (32 31 13 13-0604)		
32 31 13 13-0635			<b>Galvanized Steel</b> (32 31 13 13-0634)		
32 31 13 13-0636	LF		7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring.....	0.56	0.22
32 31 13 13-0637			<b>Vinyl Coated Steel</b> (32 31 13 13-0634)		
32 31 13 13-0638	LF		9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring.....	0.56	0.22
32 31 13 13-0639			<b>Bending Of Fabric Around Pipe Railings</b> (32 31 13 13-0604) Note: Only where specified.		
32 31 13 13-0640	LF		Bend Chain Link Fence Fabric Around Pipe Railing, Top.....	0.69	
32 31 13 13-0641	LF		Bend Chain Link Fence Fabric Around Pipe Railing, Bottom.....	0.60	
32 31 13 13-0642			<b>Mounting Plate With Anchors Or Bolts</b> (32 31 13 13-0604) Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0643	EA		Mounting Plate For 1-5/8" Diameter Post.....	22.02	
32 31 13 13-0644	EA		Mounting Plate For 2" Diameter Post.....	22.41	
32 31 13 13-0645	EA		Mounting Plate For 2-1/2" Diameter Post.....	23.01	
32 31 13 13-0646	EA		Mounting Plate For 3" Diameter Post.....	27.91	
32 31 13 13-0647	EA		Mounting Plate For 4" Diameter Post.....	32.22	
32 31 13 13-0648	EA		Mounting Plate For 6-5/8" Diameter Post.....	37.50	
32 31 13 13-0649	EA		Mounting Plate For 8-5/8" Diameter Post.....	44.35	
32 31 13 13-0650			<b>Fence And Gate Repair And Replacement</b> (32 31 13 13)		
32 31 13 13-0651			<b>Fence And Gate Parts Replacement</b> (32 31 13 13-0650)		
32 31 13 13-0652	EA		Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement.....	66.72	
32 31 13 13-0653	EA		Sliding Gate Roller Assembly Replacement.....	63.58	
32 31 13 13-0654	EA		Rod And Lock Gate Keeper Replacement.....	67.49	
32 31 13 13-0655	EA		Galvanized Gate Holdback Replacement.....	13.60	
32 31 13 13-0656	LF		3/8" Cross Bracing Rod Replacement.....	0.84	
32 31 13 13-0657	LF		1-5/8" Diagonal Pipe Bracing Replacement.....	1.35	
32 31 13 13-0658	EA		2-3/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement.....	8.32	
32 31 13 13-0659	EA		3" Diameter Cast Steel Gate Hinge With Bolts, Replacement.....	9.36	
32 31 13 13-0660	EA		4" Diameter Cast Steel Gate Hinge With Bolts, Replacement.....	10.47	
32 31 13 13-0661	EA		6-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement.....	20.51	
32 31 13 13-0662	EA		8-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement.....	24.86	
32 31 13 13-0663	EA		2-1/2" x 2" Off Set Gate Hinge Replacement.....	13.40	
32 31 13 13-0664	EA		3" x 2" Off Set Gate Hinge Replacement.....	13.97	
32 31 13 13-0665	EA		4" x 2" Off Set Gate Hinge Replacement.....	14.87	
32 31 13 13-0666	EA		6-5/8" x 2" Off Set Gate Hinge Replacement.....	25.56	
32 31 13 13-0667	EA		8-5/8" x 2" Off Set Gate Hinge Replacement.....	41.47	
32 31 13 13-0668	EA		1-5/8" Aluminum Die-Cast Post Cap Replacement.....	2.39	
32 31 13 13-0669	EA		2" Aluminum Die-Cast Post Cap Replacement.....	2.61	
32 31 13 13-0670	EA		2-1/2" Aluminum Die-Cast Post Cap Replacement.....	3.00	
32 31 13 13-0671	EA		3" Aluminum Die-Cast Post Cap Replacement.....	3.44	
32 31 13 13-0672	EA		2" Galvanized Post Cap Replacement.....	3.05	
32 31 13 13-0673	EA		2-1/2" Galvanized Post Cap Replacement.....	3.29	
32 31 13 13-0674	EA		3" Galvanized Post Cap Replacement.....	3.80	
32 31 13 13-0675	EA		4" Galvanized Post Cap Replacement.....	5.96	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
32 31 13 13-0676	EA	6-5/8" Galvanized Post Cap Replacement.....	12.11		
32 31 13 13-0677	EA	8-5/8" Galvanized Post Cap Replacement.....	20.29		
32 31 13 13-0678	EA	1-5/8" Boulevard Clamp Replacement.....	4.96		
32 31 13 13-0679	EA	2" Boulevard Clamp Replacement.....	6.07		
32 31 13 13-0680	EA	2-1/2" Boulevard Clamp Replacement.....	7.12		
32 31 13 13-0681	EA	3" Boulevard Clamp Replacement.....	8.63		
32 31 13 13-0682	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement.....	4.83		
32 31 13 13-0683	EA	2" Gate Brace Or End Rail Clamp Replacement.....	5.90		
32 31 13 13-0684	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement.....	6.95		
32 31 13 13-0685	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.09		
32 31 13 13-0686	EA	3" Gate Brace Or End Rail Clamp Replacement.....	8.45		
32 31 13 13-0687	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.24		
32 31 13 13-0688	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.18		
32 31 13 13-0689	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.29		
32 31 13 13-0690	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.38		
32 31 13 13-0691	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.64		
32 31 13 13-0692	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	7.57		
32 31 13 13-0693	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	5.04		
<b>32 31 13 13-0694</b>		<b>Remove And Reinstall Chain Link Fences</b> <small>(32 31 13 13)</small>			
		Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.			
32 31 13 13-0695	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	8.98		
32 31 13 13-0696	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height.....	13.48		
<b>32 31 13 33</b>		<b>Chain Link Backstops</b> <small>(32 31 13)</small>			
<b>32 31 13 33-0001</b>		<b>Regulation Baseball Backstop</b> <small>(32 31 13 33)</small>			
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.			
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized.....	6,817.14	883.39	
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized.....	9,909.31	1,177.86	
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized.....	12,728.45	1,374.17	
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	9,848.54	883.39	
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	14,445.24	1,177.86	
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	18,714.31	1,374.17	
<b>32 31 13 33-0008</b>		<b>Regulation Softball Backstop</b> <small>(32 31 13 33)</small>			
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.			
<b>32 31 13 33-0009</b>		<b>14' High Softball Backstop</b> <small>(32 31 13 33-0008)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0010	EA	14' Softball Backstop, Galvanized Regulation.....	5,647.86	910.90	
32 31 13 33-0011	EA	14' Softball Backstop, Vinyl Coated Regulation.....	7,822.03	910.90	
<b>32 31 13 33-0012</b>		<b>18' High Softball Backstop</b> <small>(32 31 13 33-0008)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0013	EA	18' Softball Backstop, Galvanized Regulation.....	6,633.78	1,012.67	
32 31 13 33-0014	EA	18' Softball Backstop Vinyl Coated Regulation.....	9,263.82	1,012.67	
<b>32 31 13 33-0015</b>		<b>20' High Softball Backstop</b> <small>(32 31 13 33-0008)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0016	EA	20' Softball Backstop, Galvanized Regulation.....	7,574.34	1,067.72	
32 31 13 33-0017	EA	20' Softball Backstop, Vinyl Coated Regulation.....	10,695.36	1,067.72	
<b>32 31 13 33-0018</b>		<b>22' High Softball Backstop</b> <small>(32 31 13 33-0008)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0019	EA	22' Softball Backstop, Galvanized Regulation.....	8,793.17	1,099.93	
32 31 13 33-0020	EA	22' Softball Backstop, Vinyl Coated Regulation.....	12,545.36	1,099.93	
<b>32 31 13 33-0021</b>		<b>24' High Softball Backstop</b> <small>(32 31 13 33-0008)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0022	EA	24' Softball Backstop, Galvanized Regulation.....	10,551.89	1,257.07	
32 31 13 33-0023	EA	24' Softball Backstop, Vinyl Coated Regulation.....	15,215.82	1,257.07	
<b>32 31 16</b>		<b>Welded Wire Fences And Gates</b> <small>(32 31)</small>			
<b>32 31 16 00-0001</b>		<b>Welded Wire Fence</b> <small>(32 31 16)</small>			
<b>32 31 16 00-0002</b>		<b>12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh</b> <small>(32 31 16 00-0001)</small>			
		Note: Posts 5' on center.			





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 16 00-0003	LF		3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	4.56	0.78
32 31 16 00-0004	LF		5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	5.01	0.78
<b>32 31 16 00-0005</b>			<b>14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh</b> <small>(32 31 16 00-0001)</small>		
			Note: Posts 5' on center.		
32 31 16 00-0006	LF		3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	4.47	0.78
32 31 16 00-0007	LF		5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	4.87	0.78
<b>32 31 19</b>			<b>Decorative Metal Fences And Gates</b> <small>(32 31)</small>		
			See CSI section 32 31 13 13-0001 for drilling and grouting.		
<b>32 31 19 00-0001</b>			<b>Wrought Iron Fence</b> <small>(32 31 19)</small>		
			Note: Factory primed.		
<b>32 31 19 00-0002</b>			<b>Wrought Iron Fence, Verticals At &gt;2-1/2" To 3" On Center</b> <small>(32 31 19 00-0001)</small>		
			Note: Factory primed.		
32 31 19 00-0003	LF		3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	51.00	4.95
			For Verticals Up To 2" On Center, Add	8.22	
			For Verticals >2" To 2-1/2" On Center, Add	4.11	
			For Verticals >3" To 4" On Center, Deduct	-4.11	
			For Verticals >4" To 6" On Center, Deduct	-8.22	
32 31 19 00-0004	LF		4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	66.65	6.29
			For Verticals Up To 2" On Center, Add	10.90	
			For Verticals >2" To 2-1/2" On Center, Add	5.45	
			For Verticals >3" To 4" On Center, Deduct	-5.45	
			For Verticals >4" To 6" On Center, Deduct	-10.90	
32 31 19 00-0005	LF		5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	81.93	6.56
			For Verticals Up To 2" On Center, Add	13.74	
			For Verticals >2" To 2-1/2" On Center, Add	6.87	
			For Verticals >3" To 4" On Center, Deduct	-6.87	
			For Verticals >4" To 6" On Center, Deduct	-13.74	
32 31 19 00-0006	LF		6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	99.52	7.90
			For Verticals Up To 2" On Center, Add	16.73	
			For Verticals >2" To 2-1/2" On Center, Add	8.37	
			For Verticals >3" To 4" On Center, Deduct	-8.37	
			For Verticals >4" To 6" On Center, Deduct	-16.73	
32 31 19 00-0007	LF		7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	120.72	8.37
			For Verticals Up To 2" On Center, Add	20.80	
			For Verticals >2" To 2-1/2" On Center, Add	10.40	
			For Verticals >3" To 4" On Center, Deduct	-10.40	
			For Verticals >4" To 6" On Center, Deduct	-20.80	
32 31 19 00-0008	LF		8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	141.92	8.81
			For Verticals Up To 2" On Center, Add	24.86	
			For Verticals >2" To 2-1/2" On Center, Add	12.43	
			For Verticals >3" To 4" On Center, Deduct	-12.43	
			For Verticals >4" To 6" On Center, Deduct	-24.86	
32 31 19 00-0009	LF		10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	176.33	9.89
			For Verticals Up To 2" On Center, Add	31.31	
			For Verticals >2" To 2-1/2" On Center, Add	15.66	
			For Verticals >3" To 4" On Center, Deduct	-15.66	
			For Verticals >4" To 6" On Center, Deduct	-31.31	
32 31 19 00-0010	LF		12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	210.47	11.23
			For Verticals Up To 2" On Center, Add	37.60	
			For Verticals >2" To 2-1/2" On Center, Add	18.80	
			For Verticals >3" To 4" On Center, Deduct	-18.80	
			For Verticals >4" To 6" On Center, Deduct	-37.60	
<b>32 31 19 00-0011</b>			<b>Wrought Iron Gates</b> <small>(32 31 19 00-0001)</small>		
			Note: Factory primed.		
<b>32 31 19 00-0012</b>			<b>Single Wrought Iron Gates</b> <small>(32 31 19 00-0011)</small>		
			Note: Factory primed.		
32 31 19 00-0013	LF		3' Single Wrought Iron Gate, Hardware And Associated Trim	63.91	6.03
32 31 19 00-0014	LF		4' Single Wrought Iron Gate, Hardware And Associated Trim	84.00	7.46
32 31 19 00-0015	LF		5' Single Wrought Iron Gate, Hardware And Associated Trim	104.17	8.98
32 31 19 00-0016	LF		6' Single Wrought Iron Gate, Hardware And Associated Trim	127.22	10.79
32 31 19 00-0017	LF		8' Single Wrought Iron Gate, Hardware And Associated Trim	181.03	11.95
32 31 19 00-0018	LF		10' Single Wrought Iron Gate, Hardware And Associated Trim	224.49	13.21
32 31 19 00-0019	LF		12' Single Wrought Iron Gate, Hardware And Associated Trim	267.04	15.01
<b>32 31 19 00-0020</b>			<b>Double Wrought Iron Gates</b> <small>(32 31 19 00-0011)</small>		
			Note: Factory primed.		
32 31 19 00-0021	LF		3' Double Wrought Iron Gate, Hardware And Associated Trim	79.12	5.39
32 31 19 00-0022	LF		4' Double Wrought Iron Gate, Hardware And Associated Trim	104.70	6.74
32 31 19 00-0023	LF		5' Double Wrought Iron Gate, Hardware And Associated Trim	129.41	8.09
32 31 19 00-0024	LF		6' Double Wrought Iron Gate, Hardware And Associated Trim	157.84	9.71
32 31 19 00-0025	LF		8' Double Wrought Iron Gate, Hardware And Associated Trim	225.20	10.79
32 31 19 00-0026	LF		10' Double Wrought Iron Gate, Hardware And Associated Trim	279.56	11.87
32 31 19 00-0027	LF		12' Double Wrought Iron Gate, Hardware And Associated Trim	332.81	13.48

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0028			<b>Repair Or Replace Wrought Iron Fence</b> (32 31 19 00-0001)		
32 31 19 00-0029	LF		Replace Wrought Iron Picket.....	12.57	
32 31 19 00-0030	LF		Replace Wrought Iron Post.....	20.65	
32 31 19 00-0031	EA		Straighten Wrought Iron Post.....	35.95	
32 31 19 00-0032			<b>Steel Tube Fence, Powder Coated</b> (32 31 19) Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033			<b>Steel Tube Fence, 2 Rail</b> (32 31 19 00-0032)		
32 31 19 00-0034	LF		3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts.....	35.06	4.95
			For Verticals Up To 2" On Center, Add	5.07	
			For Verticals >2" To 2-1/2" On Center, Add	2.54	
			For Verticals >3" To 4" On Center, Deduct	-2.54	
			For Verticals >4" To 6" On Center, Deduct	-5.07	
			For Solid Pickets, Add	7.16	
			For Aluminum With Satin Finish, Add	6.16	
			For Third Rail, Add	1.90	
			For 1" Square x 14 Gauge Pickets, Add	6.34	
			For Color, Add	1.27	
			For 3" Square Posts, Add	2.54	
32 31 19 00-0035	LF		4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts.....	39.63	5.84
			For Verticals Up To 2" On Center, Add	5.64	
			For Verticals >2" To 2-1/2" On Center, Add	2.82	
			For Verticals >3" To 4" On Center, Deduct	-2.82	
			For Verticals >4" To 6" On Center, Deduct	-5.64	
			For Solid Pickets, Add	8.06	
			For Aluminum With Satin Finish, Add	6.74	
			For Third Rail, Add	2.11	
			For 1" Square x 14 Gauge Pickets, Add	7.05	
			For Color, Add	1.41	
			For 3" Square Posts, Add	2.82	
32 31 19 00-0036	LF		5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts.....	42.10	6.56
			For Verticals Up To 2" On Center, Add	5.78	
			For Verticals >2" To 2-1/2" On Center, Add	2.89	
			For Verticals >3" To 4" On Center, Deduct	-2.89	
			For Verticals >4" To 6" On Center, Deduct	-5.78	
			For Solid Pickets, Add	8.48	
			For Aluminum With Satin Finish, Add	6.69	
			For Third Rail, Add	2.17	
			For 1" Square x 14 Gauge Pickets, Add	7.22	
			For Color, Add	1.44	
			For 3" Square Posts, Add	2.89	
32 31 19 00-0037	LF		6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts.....	48.88	7.42
			For Verticals Up To 2" On Center, Add	6.81	
			For Verticals >2" To 2-1/2" On Center, Add	3.41	
			For Verticals >3" To 4" On Center, Deduct	-3.41	
			For Verticals >4" To 6" On Center, Deduct	-6.81	
			For Solid Pickets, Add	9.89	
			For Aluminum With Satin Finish, Add	7.99	
			For Third Rail, Add	2.55	
			For 1" Square x 14 Gauge Pickets, Add	8.51	
			For Color, Add	1.70	
			For 3" Square Posts, Add	3.41	
32 31 19 00-0038	LF		7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	56.07	8.09
			For Verticals Up To 2" On Center, Add	7.98	
			For Verticals >2" To 2-1/2" On Center, Add	3.99	
			For Verticals >3" To 4" On Center, Deduct	-3.99	
			For Verticals >4" To 6" On Center, Deduct	-7.98	
			For Solid Pickets, Add	11.40	
			For Aluminum With Satin Finish, Add	9.54	
			For Third Rail, Add	2.99	
			For 1" Square x 14 Gauge Pickets, Add	9.97	
			For Color, Add	1.99	
			For 4" Square Posts, Add	13.96	
32 31 19 00-0039	LF		8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	63.35	8.81
			For Verticals Up To 2" On Center, Add	9.15	
			For Verticals >2" To 2-1/2" On Center, Add	4.57	
			For Verticals >3" To 4" On Center, Deduct	-4.57	
			For Verticals >4" To 6" On Center, Deduct	-9.15	
			For Solid Pickets, Add	12.93	
			For Aluminum With Satin Finish, Add	11.08	
			For Third Rail, Add	3.43	
			For 1" Square x 14 Gauge Pickets, Add	11.43	
			For Color, Add	2.29	
			For 4" Square Posts, Add	16.01	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0040	LF		9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	73.87	9.43
			<i>For Verticals Up To 2" On Center, Add</i>	11.00	
			<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	5.50	
			<i>For Verticals &gt;3" To 4" On Center, Deduct</i>	-5.50	
			<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-11.00	
			<i>For Solid Pickets, Add</i>	15.20	
			<i>For Aluminum With Satin Finish, Add</i>	13.67	
			<i>For Third Rail, Add</i>	4.12	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	13.75	
			<i>For Color, Add</i>	2.75	
			<i>For 4" Square Posts, Add</i>	19.25	
32 31 19 00-0041	LF		10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	84.47	10.11
			<i>For Verticals Up To 2" On Center, Add</i>	12.85	
			<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	6.43	
			<i>For Verticals &gt;3" To 4" On Center, Deduct</i>	-6.43	
			<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-12.85	
			<i>For Solid Pickets, Add</i>	17.49	
			<i>For Aluminum With Satin Finish, Add</i>	16.24	
			<i>For Third Rail, Add</i>	4.82	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	16.06	
			<i>For Color, Add</i>	3.21	
			<i>For 6" Square Posts, Add</i>	22.49	
32 31 19 00-0042	LF		12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	99.68	11.23
			<i>For Verticals Up To 2" On Center, Add</i>	15.44	
			<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	7.72	
			<i>For Verticals &gt;3" To 4" On Center, Deduct</i>	-7.72	
			<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-15.44	
			<i>For Solid Pickets, Add</i>	20.74	
			<i>For Aluminum With Satin Finish, Add</i>	19.79	
			<i>For Third Rail, Add</i>	5.79	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	19.30	
			<i>For Color, Add</i>	3.86	
			<i>For 6" Square Posts, Add</i>	27.02	
32 31 19 00-0043	LF		14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	106.75	12.13
			<i>For Verticals Up To 2" On Center, Add</i>	16.50	
			<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	8.25	
			<i>For Verticals &gt;3" To 4" On Center, Deduct</i>	-8.25	
			<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-16.50	
			<i>For Solid Pickets, Add</i>	22.20	
			<i>For Aluminum With Satin Finish, Add</i>	21.10	
			<i>For Third Rail, Add</i>	6.19	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	20.62	
			<i>For Color, Add</i>	4.12	
			<i>For 6" Square Posts, Add</i>	28.87	
32 31 19 00-0044			<b>Steel Tube Swing Gates</b> (32 31 19 00-0032)		
32 31 19 00-0045			<b>4' Fence Height Steel Tube Swing Gates, 2 Rail</b> (32 31 19 00-0044)		
32 31 19 00-0046	EA		4' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	613.87	11.23
			<i>For Solid Pickets, Add</i>	135.59	
			<i>For Aluminum With Satin Finish, Add</i>	169.00	
			<i>For Third Rail, Add</i>	43.51	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	58.02	
			<i>For Color, Add</i>	29.01	
32 31 19 00-0047	EA		5' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	685.74	11.95
			<i>For Solid Pickets, Add</i>	151.60	
			<i>For Aluminum With Satin Finish, Add</i>	189.54	
			<i>For Third Rail, Add</i>	48.73	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	64.98	
			<i>For Color, Add</i>	32.49	
32 31 19 00-0048	EA		6' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	739.36	14.38
			<i>For Solid Pickets, Add</i>	163.12	
			<i>For Aluminum With Satin Finish, Add</i>	202.39	
			<i>For Third Rail, Add</i>	52.22	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	69.62	
			<i>For Color, Add</i>	34.81	
32 31 19 00-0049	EA		7' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	908.99	16.76
			<i>For Solid Pickets, Add</i>	200.75	
			<i>For Aluminum With Satin Finish, Add</i>	250.04	
			<i>For Third Rail, Add</i>	64.40	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	85.87	
			<i>For Color, Add</i>	42.93	
32 31 19 00-0050	EA		8' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,025.03	16.76
			<i>For Solid Pickets, Add</i>	226.86	
			<i>For Aluminum With Satin Finish, Add</i>	284.86	
			<i>For Third Rail, Add</i>	73.10	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	97.47	
			<i>For Color, Add</i>	48.73	
32 31 19 00-0051	EA		9' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,132.23	21.57
			<i>For Solid Pickets, Add</i>	249.90	
			<i>For Aluminum With Satin Finish, Add</i>	310.55	
			<i>For Third Rail, Add</i>	80.06	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	106.75	
			<i>For Color, Add</i>	53.38	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0052	EA		10' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,232.24	23.96
			<i>For Solid Pickets, Add</i>	271.86	
			<i>For Aluminum With Satin Finish, Add</i>	337.32	
			<i>For Third Rail, Add</i>	87.03	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	116.03	
			<i>For Color, Add</i>	58.02	
<b>32 31 19 00-0053</b>			<b>5' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0044)</small>		
32 31 19 00-0054	EA		4' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	662.54	11.95
			<i>For Solid Pickets, Add</i>	146.38	
			<i>For Aluminum With Satin Finish, Add</i>	182.58	
			<i>For Third Rail, Add</i>	46.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	62.66	
			<i>For Color, Add</i>	31.33	
32 31 19 00-0055	EA		5' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	734.41	12.71
			<i>For Solid Pickets, Add</i>	162.38	
			<i>For Aluminum With Satin Finish, Add</i>	203.13	
			<i>For Third Rail, Add</i>	52.22	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	69.62	
			<i>For Color, Add</i>	34.81	
32 31 19 00-0056	EA		6' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	788.46	15.28
			<i>For Solid Pickets, Add</i>	173.97	
			<i>For Aluminum With Satin Finish, Add</i>	215.91	
			<i>For Third Rail, Add</i>	55.70	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	74.26	
			<i>For Color, Add</i>	37.13	
32 31 19 00-0057	EA		7' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	958.55	17.79
			<i>For Solid Pickets, Add</i>	211.66	
			<i>For Aluminum With Satin Finish, Add</i>	263.50	
			<i>For Third Rail, Add</i>	67.88	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	90.51	
			<i>For Color, Add</i>	45.25	
32 31 19 00-0058	EA		8' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,105.88	20.49
			<i>For Solid Pickets, Add</i>	244.21	
			<i>For Aluminum With Satin Finish, Add</i>	304.06	
			<i>For Third Rail, Add</i>	78.32	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	104.43	
			<i>For Color, Add</i>	52.22	
32 31 19 00-0059	EA		9' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,206.34	23.05
			<i>For Solid Pickets, Add</i>	266.24	
			<i>For Aluminum With Satin Finish, Add</i>	330.76	
			<i>For Third Rail, Add</i>	85.29	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	113.71	
			<i>For Color, Add</i>	56.86	
32 31 19 00-0060	EA		10' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,330.01	25.57
			<i>For Solid Pickets, Add</i>	293.49	
			<i>For Aluminum With Satin Finish, Add</i>	364.43	
			<i>For Third Rail, Add</i>	93.99	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	125.32	
			<i>For Color, Add</i>	62.66	
<b>32 31 19 00-0061</b>			<b>6' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0044)</small>		
32 31 19 00-0062	EA		4' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim.....	734.72	12.81
			<i>For Solid Pickets, Add</i>	162.42	
			<i>For Aluminum With Satin Finish, Add</i>	203.09	
			<i>For Third Rail, Add</i>	52.22	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	69.62	
			<i>For Color, Add</i>	34.81	
32 31 19 00-0063	EA		5' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim.....	806.73	13.62
			<i>For Solid Pickets, Add</i>	178.45	
			<i>For Aluminum With Satin Finish, Add</i>	223.61	
			<i>For Third Rail, Add</i>	57.44	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	76.58	
			<i>For Color, Add</i>	38.29	
32 31 19 00-0064	EA		6' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim.....	861.67	16.45
			<i>For Solid Pickets, Add</i>	190.17	
			<i>For Aluminum With Satin Finish, Add</i>	236.26	
			<i>For Third Rail, Add</i>	60.92	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	81.22	
			<i>For Color, Add</i>	40.61	
32 31 19 00-0065	EA		7' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,032.66	19.32
			<i>For Solid Pickets, Add</i>	228.00	
			<i>For Aluminum With Satin Finish, Add</i>	283.71	
			<i>For Third Rail, Add</i>	73.10	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	97.47	
			<i>For Color, Add</i>	48.73	
32 31 19 00-0066	EA		8' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,166.07	22.02
			<i>For Solid Pickets, Add</i>	257.41	
			<i>For Aluminum With Satin Finish, Add</i>	320.09	
			<i>For Third Rail, Add</i>	82.50	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	110.00	
			<i>For Color, Add</i>	55.00	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0067	EA		9' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,281.36 282.71 350.84 90.51 120.68 60.34	24.85
32 31 19 00-0068	EA		10' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,405.92 310.10 384.37 99.21 132.28 66.14	27.68
<b>32 31 19 00-0069</b>			<b>7' Fence Height Steel Tube Swing Gates, 2 Rail</b> (32 31 19 00-0044)		
32 31 19 00-0070	EA		4' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	746.35 164.82 205.24 52.87 70.49 35.24	13.79
32 31 19 00-0071	EA		5' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	831.39 183.79 229.80 59.09 78.78 39.39	14.51
32 31 19 00-0072	EA		6' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	907.16 200.13 248.29 64.06 85.41 42.71	17.66
32 31 19 00-0073	EA		7' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,119.33 247.20 307.89 79.30 105.73 52.87	20.68
32 31 19 00-0074	EA		8' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,336.07 295.26 368.67 94.85 126.46 63.23	23.77
32 31 19 00-0075	EA		9' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,365.79 301.27 373.54 96.40 128.54 64.27	26.78
32 31 19 00-0076	EA		10' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,499.62 330.67 409.44 105.73 140.97 70.49	29.93
<b>32 31 19 00-0077</b>			<b>8' Fence Height Steel Tube Swing Gates, 2 Rail</b> (32 31 19 00-0044)		
32 31 19 00-0078	EA		4' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	832.73 183.99 229.60 59.09 78.78 39.39	14.96
32 31 19 00-0079	EA		5' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	941.55 208.09 259.92 66.86 89.15 44.57	16.68
32 31 19 00-0080	EA		6' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	968.80 213.73 265.16 68.41 91.22 45.61	18.88
32 31 19 00-0081	EA		7' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,208.54 266.80 331.82 85.52 114.02 57.01	22.74

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0082	EA	8' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,427.09 315.13 392.33 101.07 134.76 67.38	26.47
32 31	19 00-0083	EA	9' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,480.24 326.21 403.02 104.18 138.90 69.45	30.38
32 31	19 00-0084	EA	10' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim..... <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i> <i>For Color, Add</i>	1,574.84 346.62 426.14 110.39 147.19 73.60	34.28
<b>32 31</b>	<b>19 00-0085</b>		<b>Replace Steel Tube Fence Pickets</b> (32 31 19 00-0032)		
32 31	19 00-0086	LF	Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket..... <i>For 1" Square x 14 Gauge Pickets, Add</i>	13.31 0.43	
<b>32 31</b>	<b>19 00-0087</b>		<b>Remove And Reinstall Ornamental Fences</b> (32 31 19) Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.		
32 31	19 00-0088	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	20.22	
32 31	19 00-0089	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height.....	22.24	
32 31	19 00-0090	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height.....	24.27	
32 31	19 00-0091	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height.....	26.29	
32 31	19 00-0092	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height.....	28.31	
32 31	19 00-0093	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height.....	30.33	
32 31	19 00-0094	LF	Removal And Reinstallation Of Ornamental Fence 12' Height.....	33.70	
<b>32 31 26</b>	<b>Wire Fences And Gates</b> (32 31)				
<b>32 31 26</b>	<b>00-0001</b>		<b>Chicken Wire</b> (32 31 26) Note: Posts at 4'.		
32 31	26 00-0002	LF	1" Mesh, 4' High Chicken Wire Posts At 4'.....	4.06	0.78
32 31	26 00-0003	LF	2" Mesh, 6' High Chicken Wire Posts At 4'.....	4.35	0.78
<b>32 31 26</b>	<b>00-0004</b>		<b>Wire And Screen</b> (32 31 26)		
<b>32 31 26</b>	<b>00-0005</b>		<b>Wire And Screen For Partitions And Fences</b> (32 31 26 00-0004) Note: Excludes framing and post.		
<b>32 31 26</b>	<b>00-0006</b>		<b>Screen Wire</b> (32 31 26 00-0005)		
32 31	26 00-0007	LF	Screen Wire, 48" Wide Rolls.....	5.91	0.48
<b>32 31 26</b>	<b>00-0008</b>		<b>Hog Wire</b> (32 31 26 00-0005)		
32 31	26 00-0009	SF	4" x 4" Hog Wire For Fencing.....	1.02	0.39
32 31	26 00-0010	SF	6" x 6" Hog Wire For Fencing.....	1.07	0.44
<b>32 31 26</b>	<b>00-0011</b>		<b>Non-Climb Horse Fence</b> (32 31 26 00-0005)		
32 31	26 00-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	4.74	1.55
32 31	26 00-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	6.11	1.94
32 31	26 00-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	7.73	2.33
<b>32 31 26</b>	<b>00-0015</b>		<b>Screen For Partitions And Ceilings</b> (32 31 26 00-0004) Note: Can be used to support insulation on walls and ceilings.		
32 31	26 00-0016	SF	1" Mesh Chicken Wire.....	1.03	
<b>32 31 26</b>	<b>00-0017</b>		<b>Wicket Fence</b> (32 31 26)		
32 31	26 00-0018	LF	Steel Wicket Fence, Painted.....	41.28	3.22
<b>32 31 29</b>	<b>Wood Fences And Gates</b> (32 31)				
			See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 29</b>	<b>00-0001</b>		<b>Basket Weave</b> (32 31 29) Note: 3/8" x 4" boards, 4" x 4" post		
32 31	29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post..... <i>For Screwing Of Boards Instead Of Nails, Add</i>	19.99 1.16	1.57
32 31	29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post..... <i>For Screwing Of Boards Instead Of Nails, Add</i>	12.99 0.82	1.57



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 29 00-0004 Board Fence</b> <small>(32 31 29)</small>		
Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005 LF Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated.....	10.80	1.57
For 1" x 6" Boards, Deduct	-1.23	
For 1" x 3" Boards (Stockade Top), Add	1.55	
For Screwing Of Boards Instead Of Nails, Add	0.72	
32 31 29 00-0006 LF Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated.....	11.94	1.57
For 1" x 6" Boards, Deduct	-1.33	
For 1" x 3" Boards (Stockade Top), Add	1.68	
For Screwing Of Boards Instead Of Nails, Add	0.79	
32 31 29 00-0007 LF Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated.....	13.16	1.57
For 1" x 6" Boards, Deduct	-1.41	
For 1" x 3" Boards (Stockade Top), Add	1.77	
For Screwing Of Boards Instead Of Nails, Add	0.86	
32 31 29 00-0008 LF Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated.....	13.99	1.57
For 1" x 6" Boards, Deduct	-1.48	
For 1" x 3" Boards (Stockade Top), Add	1.85	
For Screwing Of Boards Instead Of Nails, Add	0.91	
32 31 29 00-0009 LF Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated.....	14.88	1.57
For 1" x 6" Boards, Deduct	-1.55	
For 1" x 3" Boards (Stockade Top), Add	1.93	
For Screwing Of Boards Instead Of Nails, Add	0.96	
32 31 29 00-0010 LF Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar.....	11.40	1.57
For 1" x 6" Boards, Deduct	-1.25	
For 1" x 3" Boards (Stockade Top), Add	1.57	
For Screwing Of Boards Instead Of Nails, Add	0.75	
32 31 29 00-0011 LF Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar.....	12.41	1.57
For 1" x 6" Boards, Deduct	-1.35	
For 1" x 3" Boards (Stockade Top), Add	1.69	
For Screwing Of Boards Instead Of Nails, Add	0.81	
32 31 29 00-0012 LF Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar.....	13.16	1.57
For 1" x 6" Boards, Deduct	-1.41	
For 1" x 3" Boards (Stockade Top), Add	1.77	
For Screwing Of Boards Instead Of Nails, Add	0.86	
32 31 29 00-0013 LF Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar.....	13.99	1.57
For 1" x 6" Boards, Deduct	-1.48	
For 1" x 3" Boards (Stockade Top), Add	1.85	
For Screwing Of Boards Instead Of Nails, Add	0.91	
32 31 29 00-0014 LF Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar.....	14.88	1.57
For 1" x 6" Boards, Deduct	-1.55	
For 1" x 3" Boards (Stockade Top), Add	1.93	
For Screwing Of Boards Instead Of Nails, Add	0.96	
32 31 29 00-0015 LF Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar.....	11.40	1.57
For 1" x 6" Boards, Deduct	-1.25	
For 1" x 3" Boards (Stockade Top), Add	1.57	
For Screwing Of Boards Instead Of Nails, Add	0.75	
32 31 29 00-0016 LF Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar.....	14.46	1.57
For 1" x 6" Boards, Deduct	-1.43	
For 1" x 3" Boards (Stockade Top), Add	1.75	
For Screwing Of Boards Instead Of Nails, Add	0.92	
32 31 29 00-0017 LF Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar.....	15.13	1.57
For 1" x 6" Boards, Deduct	-1.49	
For 1" x 3" Boards (Stockade Top), Add	1.83	
For Screwing Of Boards Instead Of Nails, Add	0.96	
32 31 29 00-0018 LF Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar.....	16.19	1.57
For 1" x 6" Boards, Deduct	-1.57	
For 1" x 3" Boards (Stockade Top), Add	1.91	
For Screwing Of Boards Instead Of Nails, Add	1.02	
32 31 29 00-0019 LF Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar.....	17.33	1.57
For 1" x 6" Boards, Deduct	-1.65	
For 1" x 3" Boards (Stockade Top), Add	2.00	
For Screwing Of Boards Instead Of Nails, Add	1.08	
32 31 29 00-0020 LF CDX Plywood Fence, 3 - 2" x 4" Rails, 6' High, 5/8" Thick, Unpainted.....	15.25	1.57
32 31 29 00-0021 LF CDX Plywood Fence, 3 - 2" x 4" Rails, 8' High, 5/8" Thick, Unpainted.....	15.67	1.57
32 31 29 00-0022 LF CDX Plywood Fence, 3 - 2" x 4" Rails, 10' High, 5/8" Thick, Unpainted.....	18.10	1.57
<b>32 31 29 00-0023 Shadow Box</b> <small>(32 31 29)</small>		
Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0024 LF Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine.....	12.08	1.57
For Screwing Of Boards Instead Of Nails, Add	0.77	
32 31 29 00-0025 LF Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar.....	14.83	1.57
For Screwing Of Boards Instead Of Nails, Add	0.94	
32 31 29 00-0026 LF Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar.....	15.88	1.57
For Screwing Of Boards Instead Of Nails, Add	1.00	
32 31 29 00-0027 LF Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar.....	17.04	1.57
For Screwing Of Boards Instead Of Nails, Add	1.07	
<b>32 31 29 00-0028 Open Rail Fence</b> <small>(32 31 29)</small>		
<b>32 31 29 00-0029 Post And Rail Fence, Ranch Style</b> <small>(32 31 29 00-0028)</small>		
32 31 29 00-0030 LF Post And Rail Fence, 2 Rails, 3' High #1 Cedar.....	9.39	1.57
32 31 29 00-0031 LF Post And Rail Fence, 2 Rails, 3' High #2 Cedar.....	8.05	1.57
32 31 29 00-0032 LF Post And Rail Fence, 3 Rails, 4' High #1 Cedar.....	10.73	1.57

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences And Gates**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	29 00-0033	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar.....	8.66	1.57
<b>32 31</b>	<b>29 00-0034</b>		<b>Split Rail Fence (32 31 29 00-0028)</b>		
32 31	29 00-0035	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar.....	9.04	1.57
32 31	29 00-0036	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar.....	8.04	1.57
32 31	29 00-0037	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar.....	10.08	1.57
32 31	29 00-0038	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar.....	8.85	1.57
<b>32 31</b>	<b>29 00-0039</b>		<b>Picket Fence (32 31 29)</b>		
32 31	29 00-0040	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated.....	9.65	1.57
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	0.67	
32 31	29 00-0041	LF	Picket Fence, 2 Rail, 3' High #1 Cedar.....	9.34	1.57
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	0.65	
<b>32 31</b>	<b>29 00-0042</b>		<b>Wood Gate (32 31 29)</b>		
<b>32 31</b>	<b>29 00-0043</b>		<b>Board Fence Gates, Pressure Treated Wood (32 31 29 00-0042)</b>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31	29 00-0044	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	171.37	59.60
32 31	29 00-0045	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	187.91	63.17
32 31	29 00-0046	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	209.22	69.14
32 31	29 00-0047	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	234.11	72.72
32 31	29 00-0048	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	259.01	76.29
32 31	29 00-0049	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	219.94	78.68
32 31	29 00-0050	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	237.54	82.25
32 31	29 00-0051	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	255.12	85.83
32 31	29 00-0052	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	283.14	89.40
32 31	29 00-0053	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	305.94	92.98
<b>32 31</b>	<b>29 00-0054</b>		<b>Board Fence Gates, Grade 2 Cedar (32 31 29 00-0042)</b>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31	29 00-0055	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	239.02	49.07
32 31	29 00-0056	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	248.03	52.02
32 31	29 00-0057	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	262.02	56.93
32 31	29 00-0058	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	276.26	59.87
32 31	29 00-0059	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	293.63	62.82
32 31	29 00-0060	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	286.07	64.79
32 31	29 00-0061	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	297.18	67.73
32 31	29 00-0062	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	313.50	70.67
32 31	29 00-0063	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	329.83	73.61
32 31	29 00-0064	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	346.15	76.56
<b>32 31</b>	<b>29 00-0065</b>		<b>Board Fence Gates, Grade 1 Cedar (32 31 29 00-0042)</b>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31	29 00-0066	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	254.67	49.07
32 31	29 00-0067	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	265.77	52.02
32 31	29 00-0068	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	280.80	56.93
32 31	29 00-0069	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	297.13	59.87
32 31	29 00-0070	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	313.45	62.82
32 31	29 00-0071	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	306.94	64.79
32 31	29 00-0072	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	318.05	67.73
32 31	29 00-0073	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	334.37	70.67
32 31	29 00-0074	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	350.69	73.61
32 31	29 00-0075	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	372.23	76.56
<b>32 31</b>	<b>29 00-0076</b>		<b>Plywood Fence Gates (32 31 29 00-0042)</b>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2 x 4 frame, and galvanized nails and hinges.		
32 31	29 00-0077	EA	6' High, 5/8" CDX Plywood Gate, 6' To 10' Wide.....	403.96	61.62
			Note: Unpainted. Excludes post.		
32 31	29 00-0078	EA	7' High, 5/8" CDX Plywood Gate, 6' To 10' Wide.....	448.44	61.62
			Note: Unpainted. Excludes post.		
32 31	29 00-0079	EA	8' High, 5/8" CDX Plywood Gate, 6' To 10' Wide.....	519.03	67.23
			Note: Unpainted. Excludes post.		
32 31	29 00-0080	EA	9' High, 5/8" CDX Plywood Gate, 6' To 10' Wide.....	526.38	67.23
			Note: Unpainted. Excludes post.		
32 31	29 00-0081	EA	10' High, 5/8" CDX Plywood Gate, 6' To 10' Wide.....	559.84	72.83
			Note: Unpainted. Excludes post.		
32 31	29 00-0082	EA	6' High, 5/8" CDX Plywood Gate, >10' To 20' Wide.....	800.24	112.05
			Note: Unpainted. Excludes post.		
32 31	29 00-0083	EA	7' High, 5/8" CDX Plywood Gate, >10' To 20' Wide.....	814.94	112.05
			Note: Unpainted. Excludes post.		





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Fences And Gates	32 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0084 EA 8' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	918.98	123.25
32 31 29 00-0085 EA 9' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	933.68	123.25
32 31 29 00-0086 EA 10' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,000.61	134.45
32 31 29 00-0087 EA 6' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	1,483.32	224.09
32 31 29 00-0088 EA 7' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	1,512.72	224.09
32 31 29 00-0089 EA 8' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	1,683.69	246.50
32 31 29 00-0090 EA 9' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	1,713.09	246.50
32 31 29 00-0091 EA 10' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	1,869.36	274.51
<b>32 31 29 00-0092 Pressure Treated Wood Fence Posts</b> <small>(32 31 29)</small> See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0093 EA 4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	16.48	5.96
32 31 29 00-0094 EA 6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	18.13	5.96
32 31 29 00-0095 EA 4' High, Pressure Treated Wood Fence Posts, Set In Concrete .....	29.56	11.45
32 31 29 00-0096 EA 6' High, Pressure Treated Wood Fence Posts, Set In Concrete .....	31.44	11.45
<b>32 31 56 Wild Life Deterrent Fence</b> <small>(32 31)</small>		
<b>32 31 56 00-0001 Barbed Wire Fences</b> <small>(32 31 56)</small> Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 56 00-0002 Fence Posts</b> <small>(32 31 56 00-0001)</small>		
<b>32 31 56 00-0003 Fence Post Soil, Set In Concrete</b> <small>(32 31 56 00-0002)</small>		
32 31 56 00-0004 EA Barbed Wire Fence Post, Galvanized Set In Concrete In Soil .....	54.05	3.59
<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	87.72	
32 31 56 00-0005 EA Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil.....	74.38	3.59
<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	121.67	
<b>32 31 56 00-0006 Post In Rock</b> <small>(32 31 56 00-0002)</small>		
32 31 56 00-0007 EA Barbed Wire Fence Post, Galvanized Grouted In Rock.....	53.26	3.59
<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	86.53	
32 31 56 00-0008 EA Barbed Wire Fence Post, Vinyl Coated Grouted In Rock .....	73.59	3.59
<i>For Bracing On Corner Post, End Post And Pull Post, Add</i>	120.48	
<b>32 31 56 00-0009 Studded Steel T-Posts, Enamel Paint Finish</b> <small>(32 31 56 00-0001)</small> Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010 EA 5' Studded Steel T-Post, Driven Into Earth .....	11.96	
32 31 56 00-0011 EA 5'-6" Studded Steel T-Post, Driven Into Earth.....	12.25	
32 31 56 00-0012 EA 6' Studded Steel T-Post, Driven Into Earth .....	12.84	
32 31 56 00-0013 EA 6'-6" Studded Steel T-Post, Driven Into Earth.....	13.44	
32 31 56 00-0014 EA 7' Studded Steel T-Post, Driven Into Earth .....	14.23	
32 31 56 00-0015 EA 8' Studded Steel T-Post, Driven Into Earth .....	16.11	
32 31 56 00-0016 EA 10' Studded Steel T-Post, Driven Into Earth .....	19.89	
<b>32 31 56 00-0017 Barbed Wire</b> <small>(32 31 56 00-0001)</small> Note: Per strand.		
32 31 56 00-0018 LF Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand .....	0.41	0.18
32 31 56 00-0019 LF Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand.....	0.49	0.18
<b>32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts</b> <small>(32 31 56 00-0001)</small> Note: Based on post at 10' centers, two corner post and two pull post per 300 lf. Note: Posts at 10' maximum.		
32 31 56 00-0021 LF 4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts.....	5.44	1.17
<b>32 32 Retaining Walls</b> <small>(32 30)</small>		
<b>32 32 13 Cast-In-Place Concrete Retaining Wall</b> <small>(32 32)</small> Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0001 LF 4' High With Base, 10" Thick Reinforced .....	193.19	65.58
<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.28	
32 32 13 00-0002 LF 6' High With Base, 10" Thick Reinforced .....	241.58	80.71
<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.81	
32 32 13 00-0003 LF 8' High With Base, 10" Thick Reinforced .....	263.66	87.06
<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.61	

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0004	LF		10' High With Base, 13" Thick Reinforced .....	337.71	107.64
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.41	
32 32 13 00-0005	LF		12' High With Base, 14" Thick Reinforced .....	389.41	123.63
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.08	
32 32 13 00-0006	LF		16' High With Base, 16" Thick Reinforced .....	561.96	181.38
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	16.94	
32 32 13 00-0007	LF		20' High With Base, 18" Thick Reinforced .....	770.62	250.41
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	22.93	
32 32 13 00-0008	LF		4' High With Base, 12" Thick Reinforced .....	212.53	71.63
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.89	
32 32 13 00-0009	LF		6' High With Base, 12" Thick Reinforced .....	260.94	86.31
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.51	
32 32 13 00-0010	LF		8' High With Base, 12" Thick Reinforced .....	277.04	90.05
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.24	
32 32 13 00-0011	LF		10' High With Base, 16" Thick Reinforced .....	382.91	120.69
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.03	
32 32 13 00-0012	LF		12' High With Base, 18" Thick Reinforced .....	484.40	155.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	14.82	
32 32 13 00-0013	LF		16' High With Base, 21" Thick Reinforced .....	724.94	234.98
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	21.68	
32 32 13 00-0014	LF		20' High With Base, 24" Thick Reinforced .....	1,023.06	331.68
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	30.57	
<b>32 32 23 Segmental Retaining Walls (32 32)</b>					
<b>32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls (32 32 23)</b>					
<b>32 32 23 13-0001 Modular Retaining Wall Systems (32 32 23 13)</b>					
Note: Includes installation, material and manufacture's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.					
<b>32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems (32 32 23 13-0001)</b>					
32 32 23 13-0003	SF		Up To 4' Height "Amastone" Type Modular Retaining Wall System .....	25.66	4.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.46	
32 32 23 13-0004	SF		4 To 8' Height "Amastone" Type Modular Retaining Wall System .....	27.06	4.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.55	
32 32 23 13-0005	SF		8 To 12' Height "Amastone" Type Modular Retaining Wall System .....	28.36	4.88
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.58	
32 32 23 13-0006	SF		12 To 16' Height "Amastone" Type Modular Retaining Wall System .....	29.72	5.33
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.62	
<b>32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems (32 32 23 13-0001)</b>					
32 32 23 13-0008	SF		Up To 4' Height "Diamond" Type Modular Retaining Wall System .....	26.56	4.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.54	
32 32 23 13-0009	SF		4 To 8' Height "Diamond" Type Modular Retaining Wall System .....	27.96	4.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.62	
32 32 23 13-0010	SF		8 To 12' Height "Diamond" Type Modular Retaining Wall System .....	29.26	4.88
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.66	
32 32 23 13-0011	SF		12 To 16' Height "Diamond" Type Modular Retaining Wall System .....	30.62	5.33
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.70	
<b>32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems (32 32 23 13-0001)</b>					
32 32 23 13-0013	SF		Up To 4' Height "Keystone" Type Modular Retaining Wall System .....	28.71	4.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.72	
32 32 23 13-0014	SF		4 To 8' Height "Keystone" Type Modular Retaining Wall System .....	30.11	4.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.80	
32 32 23 13-0015	SF		8 To 12' Height "Keystone" Type Modular Retaining Wall System .....	31.41	4.88
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.84	
32 32 23 13-0016	SF		12 To 16' Height "Keystone" Type Modular Retaining Wall System .....	32.77	5.33
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.88	
<b>32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems (32 32 23 13-0001)</b>					
32 32 23 13-0018	SF		Up To 4' Height "Criblock" Type Modular Retaining Wall System .....	25.66	4.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.46	
			<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
32 32 23 13-0019	SF		4 To 8' Height "Criblock" Type Modular Retaining Wall System .....	27.06	4.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.55	
			<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
32 32 23 13-0020	SF		8 To 12' Height "Criblock" Type Modular Retaining Wall System .....	28.36	4.88
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.58	
			<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
32 32 23 13-0021	SF		12 To 16' Height "Criblock" Type Modular Retaining Wall System .....	29.72	5.33
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.62	
			<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
<b>32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems (32 32 23 13-0001)</b>					
32 32 23 13-0023	SF		Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System .....	22.93	4.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.23	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Retaining Walls	32 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0024	SF		4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System.....	25.23	4.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.39	
32 32 23 13-0025	SF		8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System.....	26.55	4.88
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.43	
32 32 23 13-0026	SF		12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System.....	27.74	5.33
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.45	
<b>32 32 23 13-0027</b>			<b>Retaining Wall Cap Block Restoration</b> <small>(32 32 23 13-0001)</small>		
			Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF		Removal And Reinstall Retaining Wall Cap Block And Pins.....	17.56	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.01	
<b>32 32 26</b>			<b>Metal Crib Retaining Walls</b> <small>(32 32)</small>		
<b>32 32 26 00-0001</b>			<b>Aluminized Steel Bin</b> <small>(32 32 26)</small>		
			Note: Excludes excavation and backfill.		
32 32 26 00-0002	SF		4' High, 5.5' Deep Aluminized Steel Bin.....	24.68	2.95
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.60	
			<i>For Galvanized Type, Deduct</i>	-1.88	
32 32 26 00-0003	SF		8' High, 5.5' Deep Aluminized Steel Bin.....	27.59	2.95
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.84	
			<i>For Galvanized Type, Deduct</i>	-2.16	
32 32 26 00-0004	SF		10' High, 7.7' Deep Aluminized Steel Bin.....	29.47	3.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.96	
			<i>For Galvanized Type, Deduct</i>	-2.31	
32 32 26 00-0005	SF		12' High, 7.7' Deep Aluminized Steel Bin.....	33.57	3.63
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.24	
			<i>For Galvanized Type, Deduct</i>	-2.63	
32 32 26 00-0006	SF		16' High, 7.7' Deep Aluminized Steel Bin.....	32.36	3.78
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.12	
			<i>For Galvanized Type, Deduct</i>	-2.49	
32 32 26 00-0007	SF		16' High, 9.9' Deep Aluminized Steel Bin.....	36.02	3.84
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.41	
			<i>For Galvanized Type, Deduct</i>	-2.84	
32 32 26 00-0008	SF		20' High, 9.9' Deep Aluminized Steel Bin.....	39.93	4.05
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.70	
			<i>For Galvanized Type, Deduct</i>	-3.18	
32 32 26 00-0009	SF		20' High, 12.1' Deep Aluminized Steel Bin.....	40.89	4.25
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.76	
			<i>For Galvanized Type, Deduct</i>	-3.25	
32 32 26 00-0010	SF		24' High, 12.1' Deep Aluminized Steel Bin.....	43.00	4.25
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.93	
			<i>For Galvanized Type, Deduct</i>	-3.45	
32 32 26 00-0011	SF		24' High, 14.3' Deep Aluminized Steel Bin.....	45.10	4.32
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.10	
			<i>For Galvanized Type, Deduct</i>	-3.65	
32 32 26 00-0012	SF		28' High, 14.3' Deep Aluminized Steel Bin.....	46.59	4.39
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.22	
			<i>For Galvanized Type, Deduct</i>	-3.79	
<b>32 32 29</b>			<b>Timber Retaining Walls</b> <small>(32 32)</small>		
<b>32 32 29 00-0001</b>			<b>Wood Post Retaining Walls</b> <small>(32 32 29)</small>		
			Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0002	LF		4" x 4", 1' High, Redwood.....	42.45	12.70
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.45	
32 32 29 00-0003	LF		4" x 4", 2' High, Redwood.....	83.00	24.86
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.83	
32 32 29 00-0004	LF		4" x 4", 1' High, Cedar.....	40.26	12.70
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.27	
32 32 29 00-0005	LF		4" x 4", 2' High, Cedar.....	78.76	24.86
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.47	
32 32 29 00-0006	LF		4" x 4", 1' High, Pressure Treated Lumber.....	38.57	11.09
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.39	
32 32 29 00-0007	LF		4" x 4", 2' High, Pressure Treated Lumber.....	75.53	21.70
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.73	
32 32 29 00-0008	LF		4" x 4", 1' High, Creosoted Lumber.....	34.12	9.85
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.23	
32 32 29 00-0009	LF		4" x 4", 2' High, Creosoted Lumber.....	61.69	17.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.21	
32 32 29 00-0010	LF		6 x 6, 2' High, Redwood.....	115.97	30.12
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.74	
32 32 29 00-0011	LF		6 x 6, 4' High, Redwood.....	229.50	59.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	9.48	
32 32 29 00-0012	LF		6 x 6, 2' High, Cedar.....	113.55	30.12
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.53	
32 32 29 00-0013	LF		6 x 6, 4' High, Cedar.....	223.44	59.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.96	
32 32 29 00-0014	LF		6 x 6, 2' High, Pressure Treated Lumber.....	101.04	24.46
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.43	

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0015	LF		6 x 6, 4' High, Pressure Treated Lumber .....	200.83	48.29
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.86	
32 32 29 00-0016	LF		6 x 6, 2' High, Creosoted Lumber .....	80.96	19.55
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.55	
32 32 29 00-0017	LF		6 x 6, 4' High, Creosoted Lumber .....	159.54	38.27
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	7.06	
32 32 29 00-0018	LF		8 x 8, 4' High, Redwood .....	296.56	65.27
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	14.11	
32 32 29 00-0019	LF		8 x 8, 6' High, Redwood .....	555.08	121.84
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	26.47	
32 32 29 00-0020	LF		8 x 8, 4' High, Cedar .....	284.44	65.27
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	13.08	
32 32 29 00-0021	LF		8 x 8, 6' High, Cedar .....	532.06	121.84
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	24.51	
32 32 29 00-0022	LF		8 x 8, 4' High, Pressure Treated Lumber .....	274.19	75.28
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	10.51	
32 32 29 00-0023	LF		8 x 8, 6' High, Pressure Treated Lumber .....	511.44	140.60
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	19.57	
32 32 29 00-0024	LF		8 x 8, 4' High, Creosoted Lumber .....	221.68	60.86
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.50	
32 32 29 00-0025	LF		8 x 8, 6' High, Creosoted Lumber .....	411.14	112.89
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	15.76	
32 32 29 00-0026	LF		Random Diameter Poles, Cedar 4' High .....	80.49	25.08
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	2.57	
32 32 29 00-0027	LF		Random Diameter Poles, Cedar 6' High .....	120.14	37.65
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.81	
32 32 29 00-0028	LF		Random Diameter Poles, Cedar 8' High .....	159.74	50.16
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.05	
32 32 29 00-0029	LF		Random Diameter Poles, 4' High Creosoted Lumber .....	58.05	14.17
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	2.52	
32 32 29 00-0030	LF		Random Diameter Poles, 6' High Creosoted Lumber .....	84.53	20.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.71	
32 32 29 00-0031	LF		Random Diameter Poles, 8' High .....	114.59	27.62
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.05	
<b>32 32 29 00-0032</b>			<b>Post And Board Retaining Walls</b> <small>(32 32 29)</small>		
			Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0033	LF		4 x 4 Post, 4' Spacing, 3' High Redwood, 2" Planking .....	37.05	7.53
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	1.87	
32 32 29 00-0034	LF		4 x 4 Post, 2' Spacing, 4' High 2" Planking, Redwood .....	55.41	12.87
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	2.52	
32 32 29 00-0035	LF		6 x 6 Post, 4' Spacing, 5' High 2" Planking, Redwood .....	73.82	15.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.55	
32 32 29 00-0036	LF		6 x 6 Post, 3' Spacing, 6' High 2" Planking, Redwood .....	102.87	22.67
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	4.89	
32 32 29 00-0037	LF		6 x 6 With Deadman, 3' Spacing, 8' High 2" Planking, Redwood .....	134.72	29.50
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	6.44	
32 32 29 00-0038	LF		8 x 8 Post, 2' Spacing, 8' High 2" Planking, Redwood .....	279.10	58.36
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	13.80	
32 32 29 00-0039	LF		8 x 8 With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood .....	317.08	64.64
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	15.96	
32 32 29 00-0040	LF		4 x 4 Post, 4' Spacing, 3' High, 2" Planking, Cedar .....	37.38	7.84
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	1.84	
32 32 29 00-0041	LF		4 x 4 With Deadman, 2' Spacing, 4' High 2" Planking, Cedar .....	65.43	13.94
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.19	
32 32 29 00-0042	LF		6 x 6 Post, 4' Spacing, 4' High 2" Planking, Cedar .....	64.32	13.68
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	3.14	
32 32 29 00-0043	LF		6 x 6 Post, 3' Spacing, 5' High 2" Planking, Cedar .....	89.58	19.65
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	4.27	
32 32 29 00-0044	LF		6 x 6 Post, 2' Spacing, 6' High 2" Planking, Cedar .....	138.49	31.36
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	6.44	
32 32 29 00-0045	LF		6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar .....	110.60	24.10
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.30	
32 32 29 00-0046	LF		8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar .....	288.88	60.24
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	14.32	
32 32 29 00-0047	LF		4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated .....	41.41	14.48
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	1.06	
32 32 29 00-0048	LF		4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated .....	60.38	20.58
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	1.63	
32 32 29 00-0049	LF		4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat .....	89.78	28.24
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	2.83	
32 32 29 00-0050	LF		6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated .....	160.18	47.67
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.51	
32 32 29 00-0051	LF		6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated .....	163.21	47.67
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.77	
32 32 29 00-0052	LF		6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat .....	152.21	45.80
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	5.15	
32 32 29 00-0053	LF		8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated .....	360.95	105.36
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	12.77	
32 32 29 00-0054	LF		4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking .....	41.41	14.48
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	1.06	



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Retaining Walls	32 32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0055 LF 4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking.....	60.38	20.58
For >3:1 Sloped Soil At Top, Add	1.63	
32 32 29 00-0056 LF 4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking.....	89.78	28.24
For >3:1 Sloped Soil At Top, Add	2.83	
32 32 29 00-0057 LF 6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking.....	113.28	35.15
For >3:1 Sloped Soil At Top, Add	3.66	
32 32 29 00-0058 LF 6 x 6 Post, 2' Spacing, 7' High Creosoted, 2" Planking.....	160.18	47.67
For >3:1 Sloped Soil At Top, Add	5.51	
32 32 29 00-0059 LF 6 x 6 Post With Deadman, 3' Spacing, 8' High, Creosoted, 2" Planking.....	152.21	45.80
For >3:1 Sloped Soil At Top, Add	5.15	
32 32 29 00-0060 LF 8 x 8 Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking.....	360.95	105.36
For >3:1 Sloped Soil At Top, Add	12.77	
<b>32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4'</b> <small>(32 32 29)</small>		
Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
<b>32 32 29 00-0062 Redwood</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0063 LF 2' High, 6" x 6" Wood Tie Wall.....	59.95	15.41
For >3:1 Sloped Soil At Top, Add	2.47	
32 32 29 00-0064 LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	136.91	35.15
For >3:1 Sloped Soil At Top, Add	5.67	
32 32 29 00-0065 LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	204.79	52.71
For >3:1 Sloped Soil At Top, Add	8.45	
32 32 29 00-0066 LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	205.45	45.18
For >3:1 Sloped Soil At Top, Add	9.79	
32 32 29 00-0067 LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	308.83	67.77
For >3:1 Sloped Soil At Top, Add	14.73	
32 32 29 00-0068 LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	408.41	89.10
For >3:1 Sloped Soil At Top, Add	19.57	
<b>32 32 29 00-0069 Cedar</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0070 LF 2' High, 6" x 6" Wood Tie Wall.....	58.74	15.41
For >3:1 Sloped Soil At Top, Add	2.37	
32 32 29 00-0071 LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	133.27	35.15
For >3:1 Sloped Soil At Top, Add	5.36	
32 32 29 00-0072 LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	199.95	52.71
For >3:1 Sloped Soil At Top, Add	8.03	
32 32 29 00-0073 LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	196.97	45.18
For >3:1 Sloped Soil At Top, Add	9.06	
32 32 29 00-0074 LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	296.71	67.77
For >3:1 Sloped Soil At Top, Add	13.70	
32 32 29 00-0075 LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	391.45	89.10
For >3:1 Sloped Soil At Top, Add	18.13	
<b>32 32 29 00-0076 Creosoted Wood</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0077 LF 2' High, 6" x 8" Wood Tie Wall.....	61.57	20.44
For >3:1 Sloped Soil At Top, Add	1.76	
32 32 29 00-0078 LF 4' High, 6" x 8" Wood Tie Wall Deadman At 6'.....	140.77	47.04
For >3:1 Sloped Soil At Top, Add	3.97	
32 32 29 00-0079 LF 6' High, 6" x 8" Wood Tie Wall Deadman At 6'.....	208.95	69.63
For >3:1 Sloped Soil At Top, Add	5.92	
32 32 29 00-0080 LF 4' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	282.77	94.71
For >3:1 Sloped Soil At Top, Add	7.93	
32 32 29 00-0081 LF 6' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	411.65	137.98
For >3:1 Sloped Soil At Top, Add	11.54	
32 32 29 00-0082 LF 8' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	546.42	182.92
For >3:1 Sloped Soil At Top, Add	15.35	
<b>32 32 29 00-0083 Pressure Treated Wood</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0084 LF 2' High, 6" x 6" Wood Tie Wall.....	52.80	12.74
For >3:1 Sloped Soil At Top, Add	2.32	
32 32 29 00-0085 LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	120.14	28.87
For >3:1 Sloped Soil At Top, Add	5.30	
32 32 29 00-0086 LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	179.89	43.30
For >3:1 Sloped Soil At Top, Add	7.93	
32 32 29 00-0087 LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	189.55	52.07
For >3:1 Sloped Soil At Top, Add	7.26	
32 32 29 00-0088 LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	285.28	77.83
For >3:1 Sloped Soil At Top, Add	11.02	
32 32 29 00-0089 LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	377.81	103.49
For >3:1 Sloped Soil At Top, Add	14.52	

**32 32 53 Stone Retaining Walls** (32 32)

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0001			<b>Stone Retaining Walls</b> <small>(32 32 53)</small> Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
32 32 53 00-0002			<b>Stone Retaining Walls</b> <small>(32 32 53 00-0001)</small> Note: Stone at \$16.00/ton.		
32 32 53 00-0003	LF		\$16.00/ton 3' High Stone Retaining Wall, Dry Set.....	225.30	99.96
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.15	
32 32 53 00-0004	LF		\$16.00/ton 4' High Stone Retaining Wall, Dry Set.....	265.58	118.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.35	
32 32 53 00-0005	LF		\$16.00/ton 6' High Stone Retaining Wall, Dry Set.....	348.40	158.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.75	
32 32 53 00-0006	LF		\$16.00/ton 8' High Stone Retaining Wall, Dry Set.....	535.96	247.04
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.56	
32 32 53 00-0007	LF		\$16.00/ton 10' High Stone Retaining Wall, Dry Set.....	695.85	323.16
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.21	
32 32 53 00-0008	LF		\$16.00/ton 12' High Stone Retaining Wall, Dry Set.....	863.22	402.42
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.96	
32 32 53 00-0009	LF		\$16.00/ton 3' High Stone Retaining Wall, Mortar Set.....	202.35	88.51
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.15	
32 32 53 00-0010	LF		\$16.00/ton 4' High Stone Retaining Wall, Mortar Set.....	237.15	104.71
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.35	
32 32 53 00-0011	LF		\$16.00/ton 6' High Stone Retaining Wall, Mortar Set.....	306.45	137.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.75	
32 32 53 00-0012	LF		\$16.00/ton 8' High Stone Retaining Wall, Mortar Set.....	468.43	213.30
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.56	
32 32 53 00-0013	LF		\$16.00/ton 10' High Stone Retaining Wall, Mortar Set.....	601.12	275.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.21	
32 32 53 00-0014	LF		\$16.00/ton 12' High Stone Retaining Wall, Mortar Set.....	746.38	344.03
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.96	
32 32 53 00-0015			<b>Stone Retaining Walls</b> <small>(32 32 53 00-0001)</small> Note: Stone at \$32.00/ton.		
32 32 53 00-0016	LF		\$32.00/ton 3' High Stone Retaining Wall, Dry Set.....	232.96	99.96
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.81	
32 32 53 00-0017	LF		\$32.00/ton 4' High Stone Retaining Wall, Dry Set.....	276.19	118.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.26	
32 32 53 00-0018	LF		\$32.00/ton 6' High Stone Retaining Wall, Dry Set.....	363.73	158.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.06	
32 32 53 00-0019	LF		\$32.00/ton 8' High Stone Retaining Wall, Dry Set.....	558.36	247.04
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.46	
32 32 53 00-0020	LF		\$32.00/ton 10' High Stone Retaining Wall, Dry Set.....	726.50	323.16
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.81	
32 32 53 00-0021	LF		\$32.00/ton 12' High Stone Retaining Wall, Dry Set.....	902.12	402.42
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.27	
32 32 53 00-0022	LF		\$32.00/ton 3' High Stone Retaining Wall, Mortar Set.....	210.01	88.51
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.81	
32 32 53 00-0023	LF		\$32.00/ton 4' High Stone Retaining Wall, Mortar Set.....	247.76	104.71
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.26	
32 32 53 00-0024	LF		\$32.00/ton 6' High Stone Retaining Wall, Mortar Set.....	321.78	137.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.06	
32 32 53 00-0025	LF		\$32.00/ton 8' High Stone Retaining Wall, Mortar Set.....	490.83	213.30
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.46	
32 32 53 00-0026	LF		\$32.00/ton 10' High Stone Retaining Wall, Mortar Set.....	631.77	275.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.81	
32 32 53 00-0027	LF		\$32.00/ton 12' High Stone Retaining Wall, Mortar Set.....	785.28	344.03
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.27	
32 32 53 00-0028			<b>Stone Retaining Walls</b> <small>(32 32 53 00-0001)</small> Note: Stone at \$48.00/ton.		
32 32 53 00-0029	LF		\$48.00/ton 3' High Stone Retaining Wall, Dry Set.....	241.21	99.96
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.51	
32 32 53 00-0030	LF		\$48.00/ton 4' High Stone Retaining Wall, Dry Set.....	286.68	118.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.15	
32 32 53 00-0031	LF		\$48.00/ton 6' High Stone Retaining Wall, Dry Set.....	378.46	158.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.31	
32 32 53 00-0032	LF		\$48.00/ton 8' High Stone Retaining Wall, Dry Set.....	580.75	247.04
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.36	
32 32 53 00-0033	LF		\$48.00/ton 10' High Stone Retaining Wall, Dry Set.....	757.14	323.16
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	9.42	
32 32 53 00-0034	LF		\$48.00/ton 12' High Stone Retaining Wall, Dry Set.....	941.60	402.42
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.62	
32 32 53 00-0035	LF		\$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	218.26	88.51
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.51	
32 32 53 00-0036	LF		\$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	258.36	104.71
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.16	
32 32 53 00-0037	LF		\$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	336.51	137.00
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.31	
32 32 53 00-0038	LF		\$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	513.22	213.30
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.36	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Retaining Walls	32 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0039	LF		\$48.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	662.41 9.42	275.82
32 32 53 00-0040	LF		\$48.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	824.76 11.62	344.03
<b>32 32 53 00-0041 Stone Retaining Walls (32 32 53 00-0001)</b>					
Note: Stone at \$64.00/ton.					
32 32 53 00-0042	LF		\$64.00/ton 3' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	249.46 4.21	99.96
32 32 53 00-0043	LF		\$64.00/ton 4' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	285.62 4.06	118.92
32 32 53 00-0044	LF		\$64.00/ton 6' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	394.37 6.66	158.00
32 32 53 00-0045	LF		\$64.00/ton 8' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	604.32 9.37	247.04
32 32 53 00-0046	LF		\$64.00/ton 10' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	788.97 12.12	323.16
32 32 53 00-0047	LF		\$64.00/ton 12' High Stone Retaining Wall, Dry Set ..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	981.68 15.03	402.42
32 32 53 00-0048	LF		\$64.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	226.51 4.21	88.51
32 32 53 00-0049	LF		\$64.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	268.97 5.06	104.71
32 32 53 00-0050	LF		\$64.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	352.42 6.66	137.00
32 32 53 00-0051	LF		\$64.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	536.79 9.37	213.30
32 32 53 00-0052	LF		\$64.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	694.24 12.12	275.82
32 32 53 00-0053	LF		\$64.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For &gt;3:1 Sloped Soil At Top, Add</i>	864.84 15.03	344.03
<b>32 33 Site Furnishings (32 30)</b>					
<b>32 33 13 Site Bicycle Racks (32 33)</b>					
<b>32 33 13 00-0001 Bicycle Organizer And Rack (32 33 13)</b>					
<b>32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized (32 33 13 00-0001)</b>					
<b>32 33 13 00-0003 Double Sided (32 33 13 00-0002)</b>					
32 33 13 00-0004	EA		5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	418.53	54.96
32 33 13 00-0005	EA		10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	625.76	90.28
32 33 13 00-0006	EA		20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	1,090.89	137.40
<b>32 33 13 00-0007 Single Sided (32 33 13 00-0002)</b>					
32 33 13 00-0008	EA		5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	365.79	49.07
32 33 13 00-0009	EA		10' Galvanized Steel Single Sided Bike Rack, 9 Bikes.....	509.91	81.65
32 33 13 00-0010	EA		20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	884.12	122.67
<b>32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack (32 33 13 00-0002)</b>					
32 33 13 00-0012	PR		Anchor Set For Vertical Style Bike Rack..... Note: Anchoring frame to ground.	57.90	
<b>32 33 13 00-0013 Bike Racks Ground Loop (32 33 13 00-0001)</b>					
Note: In-ground mount.					
32 33 13 00-0014	EA		83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	523.00	96.29
<b>32 33 13 00-0015 Serpentine Bike Racks (32 33 13 00-0001)</b>					
Note: In-ground mount.					
<b>32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0017	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized.....	282.25	58.88
32 33 13 00-0018	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized.....	397.69	63.79
32 33 13 00-0019	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized.....	513.14	68.70
32 33 13 00-0020	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized.....	643.66	73.60
32 33 13 00-0021	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized.....	774.19	78.51
32 33 13 00-0022	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized.....	844.36	83.41
<b>32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0024	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized.....	326.49	58.88
32 33 13 00-0025	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized.....	429.58	63.79
32 33 13 00-0026	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized.....	532.68	68.70
32 33 13 00-0027	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized.....	624.12	73.60
32 33 13 00-0028	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized.....	727.21	78.51
32 33 13 00-0029	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized.....	853.62	83.41

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
<b>32 33 13 00-0030 Powder Coated, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated .....	282.25		58.88
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated .....	397.69		63.79
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated .....	513.14		68.70
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated .....	643.66		73.60
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated .....	774.19		78.51
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated .....	844.36		83.41
<b>32 33 13 00-0037 Powder Coated, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated .....	338.15		58.88
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated .....	452.90		63.79
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated .....	556.00		68.70
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated .....	682.42		73.60
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated .....	785.51		78.51
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated .....	923.58		83.41
<b>32 33 13 00-0044 Stainless Steel, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel .....	579.50		58.88
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel .....	885.83		63.79
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel .....	1,192.18		68.70
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel .....	1,540.88		73.60
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel .....	1,889.56		78.51
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel .....	2,068.82		83.41
<b>32 33 13 00-0051 Stainless Steel, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)</b>					
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel .....	443.09		58.88
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel .....	1,035.92		63.79
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel .....	1,372.23		68.70
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel .....	1,685.20		73.60
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel .....	2,009.84		78.51
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel .....	2,346.14		83.41
<b>32 33 13 00-0058 Bike Racks Bollards/Bicycle Posts (32 33 13 00-0001)</b>					
Note: In-ground mount.					
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G).....	303.05		44.16
<b>32 33 23 Site Trash and Litter Receptacles (32 33)</b>					
<b>32 33 23 00-0001 Steel Trash Containment (32 33 23)</b>					
<b>32 33 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood (32 33 23 00-0001)</b>					
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood .....	339.08		23.35
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood .....	322.18		23.35
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood .....	322.18		23.35
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood .....	303.18		23.35
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	339.08		23.35
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	303.18		23.35
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	427.76		23.35
<b>32 33 23 00-0010 Square Steel Frames Surrounded With Flat Steel (32 33 23 00-0001)</b>					
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround .....	640.26		23.35
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	693.92		23.35
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	693.92		23.35
<b>32 33 23 00-0014 Round Steel Pipe And Flat Steel Frames (32 33 23 00-0001)</b>					
Note: Surrounded with kiln-dried wood.					
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	962.23		23.35
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood .....	1,038.89		23.35
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,201.79		23.35
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,086.81		23.35
<b>32 33 23 00-0019 Round Steel Pipe Surrounded With Perforated (32 33 23 00-0001)</b>					
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe.....	856.83		23.35
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe.....	933.49		23.35
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe.....	1,096.39		23.35
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe.....	990.98		23.35
<b>32 33 23 00-0024 Round Steel Pipe Frames Surrounded With Welded Wire (32 33 23 00-0001)</b>					





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Site Furnishings	32 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0025 EA 21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround .....	674.76	23.35
32 33 23 00-0026 EA 21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround .....	751.42	23.35
32 33 23 00-0027 EA 21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	914.32	23.35
32 33 23 00-0028 EA 21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	808.91	23.35
<b>32 33 23 00-0029 Blast Resistant Trash Receptacle (32 33 23 00-0001)</b>		
32 33 23 00-0030 EA 40 Gallon Blast Resistant Trash Receptacle, 1.6 LB Protection .....	2,630.35	29.19
Note: 1.6 Lbs. TNT minimum protection capacity. Includes locking lid.		
32 33 23 00-0031 EA 40 Gallon Blast Resistant Trash Receptacle, 3 LB Protection .....	3,585.27	29.19
Note: 3 Lbs. TNT minimum protection capacity. Includes locking lid		
32 33 23 00-0032 EA Internal Polyliner For Blast Resistant Trash Receptacles .....	90.51	
<b>32 33 23 00-0033 Litter Baskets (32 33 23)</b>		
<b>32 33 23 00-0034 Round Wire Litter Baskets (32 33 23 00-0033)</b>		
32 33 23 00-0035 EA 1.33' Diameter x 1.83' High Round Wire Litter Basket .....	122.31	2.37
32 33 23 00-0036 EA 1.5' Diameter x 1.83' High Round Wire Litter Basket .....	155.10	2.37
32 33 23 00-0037 EA 1.75' Diameter x 2.33' High Round Wire Litter Basket .....	210.74	2.37
32 33 23 00-0038 EA 1.83' Diameter x 2.83' High Round Wire Litter Basket .....	242.14	2.37
<b>32 33 23 00-0039 Trash Can/Wire Basket Holder (32 33 23 00-0033)</b>		
32 33 23 00-0040 EA Steel Post, Single Holder.....	158.11	19.08
32 33 23 00-0041 EA Steel Post, Double Holder.....	220.87	19.08
32 33 23 00-0042 EA Redwood Post, Single Holder.....	86.74	19.08
32 33 23 00-0043 EA Redwood Post, Double Holder.....	105.04	19.08
<b>32 33 23 00-0044 Litter Receptacles, Freestanding (32 33 23 00-0033)</b>		
Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0045 EA 16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	990.79	9.73
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0046 EA 16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded.....	1,043.58	9.73
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0047 EA 20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,211.69	14.60
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0048 EA 20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,264.48	14.60
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0049 EA 16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole .....	1,317.27	14.60
For Powder Coated Sand Pan, Add	50.00	
For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0050 EA 16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole .....	1,370.06	14.60
For Powder Coated Sand Pan, Add	50.00	
For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
32 33 23 00-0051 EA 16" Diameter x 28" High Litter Receptacle, Wall Mount.....	1,091.66	12.65
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
For 1-1/2" x 6" Diameter Metal Cover Plate, Add	20.00	
32 33 23 00-0052 EA 16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,144.45	12.65
For Powder Coated Sand Pan, Add	50.00	
For Orange Peel Lid, Add	25.00	
For Polished Granite Lid, Add	50.00	
For 1-1/2" x 6" Diameter Metal Cover Plate, Add	20.00	
<b>32 33 23 00-0053 Ash Receptacles (32 33 23)</b>		
32 33 23 00-0054 EA 12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded .....	372.27	9.73
For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
For Sand Pan, Add	110.00	
For Bowl And Funnel, Add	120.00	
32 33 23 00-0055 EA 18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	153.55	9.73
<b>32 33 23 00-0056 Trash Receptacles (32 33 23)</b>		
32 33 23 00-0057 EA Outdoor Covered Steel Receptacle With Liner .....	811.30	9.73

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0058	EA		Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame .....	344.36	9.73
32 33 23 00-0059	EA		24" x 24" Square Trash Containment With Exposed Aggregate Finish.....	402.30	9.73
32 33 23 00-0060	EA		30" x 30" Square Trash Containment With Exposed Aggregate Finish.....	419.27	10.70
32 33 23 00-0061	EA		36" x 36" Square Trash Containment With Exposed Aggregate Finish.....	451.24	11.67
32 33 23 00-0062	EA		32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber.....	142.51	7.78
32 33 23 00-0063	EA		32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber.....	168.96	7.78
32 33 23 00-0064	EA		24" x 24" Square 18" High Trash Receptacle, Fiberglass.....	224.45	9.73
32 33 23 00-0065	EA		Ironsites Series 24 Gallon Trash Receptacle (Victor Stanley SD-35).....	1,104.56	9.73
32 33 23 00-0066	EA		Ironsites Series 36 Gallon Trash Receptacle (Victor Stanley SD-42).....	1,190.31	11.67
<b>32 33 23 00-0067</b>			<b>Trash Containers (Dumpsters) (32 33 23)</b>		
32 33 23 00-0068	EA		1 CY Straight Side Trash Dumpster.....	150.52	
32 33 23 00-0069	EA		1.5 CY Straight Side Trash Dumpster.....	225.78	
32 33 23 00-0070	EA		2 CY Straight Side Trash Dumpster.....	301.04	
32 33 23 00-0071	EA		2 CY Sloped Side Trash Dumpster.....	301.04	
32 33 23 00-0072	EA		3 CY Sloped Side Trash Dumpster.....	451.56	
32 33 23 00-0073	EA		4 CY Sloped Side Trash Dumpster.....	602.08	
32 33 23 00-0074	EA		6 CY Sloped Side Trash Dumpster.....	903.12	
32 33 23 00-0075	EA		8 CY Sloped Side Trash Dumpster.....	1,204.16	
<b>32 33 33</b>			<b>Site Manufactured Planters (32 33)</b>		
<b>32 33 33 00-0001</b>			<b>Precast Concrete Planters (32 33 33)</b>		
<b>32 33 33 00-0002</b>			<b>Circular Precast Concrete Planters (32 33 33 00-0001)</b>		
32 33 33 00-0003	EA		24" Diameter, 17" Height, Circular Precast Concrete Planter.....	403.94	12.12
32 33 33 00-0004	EA		24" Diameter, 24" Height, Circular Precast Concrete Planter.....	451.97	14.54
32 33 33 00-0005	EA		24" Diameter, 33" Height, Circular Precast Concrete Planter.....	495.14	14.54
32 33 33 00-0006	EA		30" Diameter, 17" Height, Circular Precast Concrete Planter.....	536.81	16.96
32 33 33 00-0007	EA		30" Diameter, 30" Height, Circular Precast Concrete Planter.....	649.38	21.81
32 33 33 00-0008	EA		36" Diameter, 24" Height, Circular Precast Concrete Planter.....	707.79	21.81
32 33 33 00-0009	EA		36" Diameter, 30" Height, Circular Precast Concrete Planter.....	797.73	24.23
32 33 33 00-0010	EA		48" Diameter, 17" Height, Circular Precast Concrete Planter.....	843.44	24.23
32 33 33 00-0011	EA		48" Diameter, 24" Height, Circular Precast Concrete Planter.....	938.10	30.29
32 33 33 00-0012	EA		48" Diameter, 30" Height, Circular Precast Concrete Planter.....	997.86	32.24
32 33 33 00-0013	EA		48" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,039.35	33.92
32 33 33 00-0014	EA		60" Diameter, 17" Height, Circular Precast Concrete Planter.....	944.01	30.29
32 33 33 00-0015	EA		60" Diameter, 24" Height, Circular Precast Concrete Planter.....	1,038.08	33.92
32 33 33 00-0016	EA		60" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,333.74	36.35
32 33 33 00-0017	EA		72" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,731.57	46.04
32 33 33 00-0018	EA		84" Diameter, 36" Height, Circular Precast Concrete Planter.....	2,014.53	48.47
<b>32 33 33 00-0019</b>			<b>Square Precast Concrete Planters (32 33 33 00-0001)</b>		
32 33 33 00-0020	EA		36" Square, 30" Height, Square Precast Concrete Planter.....	810.61	31.51
32 33 33 00-0021	EA		42" Square, 30" Height, Square Precast Concrete Planter.....	929.20	33.92
32 33 33 00-0022	EA		60" Square, 36" Height, Square Precast Concrete Planter.....	1,475.74	38.78
32 33 33 00-0023	EA		72" Square, 36" Height, Square Precast Concrete Planter.....	1,574.56	41.20
<b>32 33 33 00-0024</b>			<b>Rectangular Precast Concrete Planters (32 33 33 00-0001)</b>		
32 33 33 00-0025	EA		33" x 18", 20" Height, Rectangular Precast Concrete Planter.....	471.01	14.54
32 33 33 00-0026	EA		48" x 18", 20" Height, Rectangular Precast Concrete Planter.....	550.32	21.81
32 33 33 00-0027	EA		60" x 18", 20" Height, Rectangular Precast Concrete Planter.....	638.99	24.23
32 33 33 00-0028	EA		72" x 18", 20" Height, Rectangular Precast Concrete Planter.....	726.02	30.29
<b>32 33 33 00-0029</b>			<b>Square Concrete Planters (32 33 33)</b>		
32 33 33 00-0030	EA		36" x 36" x 30" Square Precast Concrete Perimeter Security Planters.....	1,361.04	148.37
<b>32 33 33 00-0031</b>			<b>Fiberglass Planters (32 33 33)</b>		
<b>32 33 33 00-0032</b>			<b>Circular Fiberglass Planters (32 33 33 00-0031)</b>		
32 33 33 00-0033	EA		36" Diameter, 27" High, Circular Fiberglass Planter.....	1,003.83	12.12
32 33 33 00-0034	EA		60" Diameter, 39" High, Circular Fiberglass Planter.....	1,678.95	12.12
32 33 33 00-0035	EA		36" Diameter, 24" High, Circular Fiberglass Planter.....	665.06	12.12
32 33 33 00-0036	EA		60" Diameter, 24" High, Circular Fiberglass Planter.....	1,323.05	12.12
<b>32 33 33 00-0037</b>			<b>Tapered Circular Fiberglass Planters (32 33 33 00-0031)</b>		
32 33 33 00-0038	EA		24" Diameter, 20" High, Tapered Circular Fiberglass Planter.....	382.88	12.12
32 33 33 00-0039	EA		30" Diameter, 25" High, Tapered Circular Fiberglass Planter.....	567.21	12.12
32 33 33 00-0040	EA		36" Diameter, 30" High, Tapered Circular Fiberglass Planter.....	1,020.96	12.12
32 33 33 00-0041	EA		40" Diameter, 36" High, Tapered Circular Fiberglass Planter.....	1,430.68	12.12
<b>32 33 33 00-0042</b>			<b>Square Fiberglass Planters (32 33 33 00-0031)</b>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0043 EA 24" Square, 21" High, Square Fiberglass Planter .....	506.74	12.12
32 33 33 00-0044 EA 24" Square, 24" High, Square Fiberglass Planter .....	518.29	12.12
32 33 33 00-0045 EA 30" Square, 12" High, Square Fiberglass Planter .....	524.40	12.12
32 33 33 00-0046 EA 30" Square, 21" High, Square Fiberglass Planter .....	596.57	12.12
32 33 33 00-0047 EA 30" Square, 24" High, Square Fiberglass Planter .....	649.15	12.12
<b>32 33 33 00-0048 Rectangular Fiberglass Planters (32 33 33 00-0031)</b>		
32 33 33 00-0049 EA 48" x 12", 12" High, Rectangular Fiberglass Planter .....	585.14	12.12
32 33 33 00-0050 EA 48" x 12", 21" High, Rectangular Fiberglass Planter .....	628.26	12.12
32 33 33 00-0051 EA 48" x 24", 12" High, Rectangular Fiberglass Planter .....	822.44	12.12
32 33 33 00-0052 EA 48" x 24", 21" High, Rectangular Fiberglass Planter .....	908.68	12.12
<b>32 33 33 00-0053 Timber Planters (32 33 33)</b>		
<b>32 33 33 00-0054 Square Timber Planters (32 33 33 00-0053)</b>		
32 33 33 00-0055 EA 14" Square, 30" High, Square Timber Planter .....	387.64	23.35
32 33 33 00-0056 EA 21" Square, 30" High, Square Timber Planter .....	387.64	23.35
32 33 33 00-0057 EA 27" Square, 30" High, Square Timber Planter .....	772.12	23.35
32 33 33 00-0058 EA 34" Square, 30" High, Square Timber Planter .....	663.82	23.35
32 33 33 00-0059 EA 41" Square, 36" High, Square Timber Planter .....	799.19	23.35
32 33 33 00-0060 EA 54" Square, 36" High, Square Timber Planter .....	2,120.50	23.35
32 33 33 00-0061 EA 81" Square, 36" High, Square Timber Planter .....	3,208.95	23.35
<b>32 33 33 00-0062 Rectangular Timber Planters (32 33 33 00-0053)</b>		
32 33 33 00-0063 EA 21" x 14", 30" High, Rectangular Timber Planter .....	382.23	23.35
32 33 33 00-0064 EA 27" x 14", 30" High, Rectangular Timber Planter .....	430.96	23.35
32 33 33 00-0065 EA 27" x 21", 30" High, Rectangular Timber Planter .....	577.17	23.35
32 33 33 00-0066 EA 34" x 21", 30" High, Rectangular Timber Planter .....	642.15	23.35
32 33 33 00-0067 EA 41" x 21", 30" High, Rectangular Timber Planter .....	837.10	23.35
32 33 33 00-0068 EA 34" x 27", 30" High, Rectangular Timber Planter .....	977.90	23.35
32 33 33 00-0069 EA 41" x 27", 30" High, Rectangular Timber Planter .....	1,097.03	23.35
32 33 33 00-0070 EA 54" x 27", 30" High, Rectangular Timber Planter .....	1,438.19	23.35
32 33 33 00-0071 EA 54" x 34", 30" High, Rectangular Timber Planter .....	1,627.72	23.35
32 33 33 00-0072 EA 68" x 34", 36" High, Rectangular Timber Planter .....	1,860.57	23.35
32 33 33 00-0073 EA 54" x 41", 36" High, Rectangular Timber Planter .....	1,768.51	23.35
32 33 33 00-0074 EA 68" x 41", 36" High, Rectangular Timber Planter .....	2,006.78	23.35
32 33 33 00-0075 EA 81" x 41", 36" High, Rectangular Timber Planter .....	2,250.46	23.35
<b>32 33 43 Site Seating And Tables (32 33)</b>		
<b>32 33 43 13 Site Seating (32 33 43)</b>		
<b>32 33 43 13-0001 Benches (Landscapeforms) (32 33 43 13)</b>		
Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade) .....	1,277.84	38.93
32 33 43 13-0003 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade) .....	1,613.84	38.93
32 33 43 13-0004 EA 96" Backed Wood Bench (Landscapeforms Balustrade) .....	1,829.84	38.93
32 33 43 13-0005 EA End Loop Arms For Backed Bench (Landscapeforms Balustrade) .....	139.46	9.73
32 33 43 13-0006 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's) .....	1,277.84	38.93
32 33 43 13-0007 EA 96" Backless Wood Bench (Landscapeforms Gretchen's) .....	1,469.84	38.93
32 33 43 13-0008 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's) .....	1,613.84	38.93
32 33 43 13-0009 EA 96" Backed Wood Bench (Landscapeforms Gretchen's) .....	1,829.84	38.93
32 33 43 13-0010 EA 72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's) .....	1,853.84	38.93
32 33 43 13-0011 EA 96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's) .....	2,069.83	38.93
32 33 43 13-0012 EA 59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) .....	2,561.83	38.93
32 33 43 13-0013 EA 75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) .....	2,789.83	38.93
32 33 43 13-0014 EA 42" Backless Metal Grid Bench (Landscapeforms Manistee) .....	694.38	29.19
32 33 43 13-0015 EA 62" Backless Metal Grid Bench (Landscapeforms Manistee) .....	754.38	29.19
32 33 43 13-0016 EA 72" Backless Metal Grid Bench (Landscapeforms Manistee) .....	812.11	34.06
32 33 43 13-0017 EA 82" Backless Metal Grid Bench (Landscapeforms Manistee) .....	956.11	34.06
32 33 43 13-0018 EA 42" Backed Metal Grid Bench (Landscapeforms Manistee) .....	872.11	34.06
32 33 43 13-0019 EA 62" Backed Metal Grid Bench (Landscapeforms Manistee) .....	932.11	34.06
32 33 43 13-0020 EA 72" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,001.84	38.93
32 33 43 13-0021 EA 82" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,157.84	38.93
32 33 43 13-0022 EA 42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) .....	980.11	34.06
32 33 43 13-0023 EA 62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) .....	1,049.84	38.93
32 33 43 13-0024 EA 72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) .....	1,109.84	38.93
32 33 43 13-0025 EA 82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) .....	1,265.84	38.93
32 33 43 13-0026 EA 72" Backless Solid Wood Bench (Landscapeforms Palisade) .....	1,805.84	38.93
32 33 43 13-0027 EA 96" Backless Solid Wood Bench (Landscapeforms Palisade) .....	2,081.83	38.93
32 33 43 13-0028 EA 70" Backless Perforated Metal Bench (Landscapeforms Petoskey) .....	1,325.84	38.93
32 33 43 13-0029 EA 70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey) .....	1,613.84	38.93
32 33 43 13-0030 EA 70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey) .....	1,757.84	38.93
32 33 43 13-0031 EA 72" Backed Wood Bench (Landscapeforms Plainwell) .....	1,757.84	38.93
32 33 43 13-0032 EA 72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell) .....	1,973.83	38.93
32 33 43 13-0033 EA 96" Backed Wood Bench (Landscapeforms Plainwell) .....	2,177.83	38.93
32 33 43 13-0034 EA 96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell) .....	2,393.83	38.93

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 33 43 13-0035	EA	96"	Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,609.83	38.93
32 33 43 13-0036	EA	72"	Backed Aluminum Bench (Landscapeforms Plainwell)	2,273.83	38.93
32 33 43 13-0037	EA	72"	Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,489.83	38.93
32 33 43 13-0038	EA	96"	Backed Aluminum Bench (Landscapeforms Plainwell)	2,801.83	38.93
32 33 43 13-0039	EA	96"	Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,017.83	38.93
32 33 43 13-0040	EA	96"	Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,233.82	38.93
32 33 43 13-0041	EA		Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	487.46	9.73
32 33 43 13-0042	EA		Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	643.45	9.73
32 33 43 13-0043	EA		Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	643.45	9.73
32 33 43 13-0044	EA		Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	595.46	9.73
32 33 43 13-0045	EA		Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	739.45	9.73
32 33 43 13-0046	EA		Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	739.45	9.73
32 33 43 13-0047	EA		Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	739.45	9.73
32 33 43 13-0048	EA		Armrest For Metal Grid Seats (Landscapeforms Plexus)	120.00	9.73
32 33 43 13-0049	EA		Backless Straight Metal Grid Seats (Landscapeforms Presidio)	667.45	9.73
32 33 43 13-0050	EA		Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	751.45	9.73
32 33 43 13-0051	EA		Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	835.45	9.73
32 33 43 13-0052	EA		Backless Angled Metal Grid Seats (Landscapeforms Presidio)	823.45	9.73
32 33 43 13-0053	EA		Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	907.45	9.73
32 33 43 13-0054	EA		Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	991.45	9.73
32 33 43 13-0055	EA		Backed Straight Metal Grid Seats (Landscapeforms Presidio)	811.45	9.73
32 33 43 13-0056	EA		Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	895.45	9.73
32 33 43 13-0057	EA		Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	979.45	9.73
32 33 43 13-0058	EA		Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	991.45	9.73
32 33 43 13-0059	EA		Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,075.45	9.73
32 33 43 13-0060	EA		Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,159.45	9.73
32 33 43 13-0061	EA		Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	991.45	9.73
32 33 43 13-0062	EA		Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,075.45	9.73
32 33 43 13-0063	EA		Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,159.45	9.73
32 33 43 13-0064	EA	48"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,337.84	38.93
32 33 43 13-0065	EA	72"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,361.84	38.93
32 33 43 13-0066	EA	96"	Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,673.84	38.93
32 33 43 13-0067	EA	48"	Backless Woven Bench (Landscapeforms Scarborough)	2,045.83	38.93
32 33 43 13-0068	EA	72"	Backless Woven Bench (Landscapeforms Scarborough)	2,417.83	38.93
32 33 43 13-0069	EA	96"	Backless Woven Bench (Landscapeforms Scarborough)	2,789.83	38.93
32 33 43 13-0070	EA	24"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,253.84	38.93
32 33 43 13-0071	EA	48"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,457.84	38.93
32 33 43 13-0072	EA	72"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,481.84	38.93
32 33 43 13-0073	EA	72"	Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,721.84	38.93
32 33 43 13-0074	EA	96"	Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,949.83	38.93
32 33 43 13-0075	EA	96"	Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,189.83	38.93
32 33 43 13-0076	EA	96"	Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,429.83	38.93
32 33 43 13-0077	EA	24"	Backed Woven Bench (Landscapeforms Scarborough)	1,949.83	38.93
32 33 43 13-0078	EA	48"	Backed Woven Bench (Landscapeforms Scarborough)	2,369.83	38.93
32 33 43 13-0079	EA	72"	Backed Woven Bench (Landscapeforms Scarborough)	2,777.83	38.93
32 33 43 13-0080	EA	72"	Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,017.83	38.93
32 33 43 13-0081	EA	96"	Backed Woven Bench (Landscapeforms Scarborough)	3,521.82	38.93
32 33 43 13-0082	EA	96"	Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,761.82	38.93
32 33 43 13-0083	EA	96"	Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,001.82	38.93
32 33 43 13-0084	EA	32"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	884.11	34.06
32 33 43 13-0085	EA	49"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,076.11	34.06
32 33 43 13-0086	EA	49"	Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,172.11	34.06
32 33 43 13-0087	EA	70"	Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,385.84	38.93
32 33 43 13-0088	EA	70"	Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,577.84	38.93

**32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) (32 33 43 13)****32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)**

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	424.88	19.46
32 33 43 13-0092	EA	94"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	488.76	19.46
32 33 43 13-0093	EA	118"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	629.28	19.46
32 33 43 13-0094	EA	70"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	444.05	19.46
32 33 43 13-0095	EA	94"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	507.92	19.46
32 33 43 13-0096	EA	118"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	654.83	19.46
32 33 43 13-0097	EA	70"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	654.83	19.46
32 33 43 13-0098	EA	94"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	763.41	19.46
32 33 43 13-0099	EA	118"	Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	986.97	19.46
32 33 43 13-0100	EA	70"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	686.77	19.46
32 33 43 13-0101	EA	94"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	795.35	19.46
32 33 43 13-0102	EA	118"	Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,031.68	19.46
32 33 43 13-0103	EA	70"	Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	1,274.40	19.46
32 33 43 13-0104	EA	94"	Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	1,497.95	19.46
32 33 43 13-0105	EA	118"	Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	1,964.23	19.46
32 33 43 13-0106	EA	70"	Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	1,306.34	19.46
32 33 43 13-0107	EA	94"	Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	1,529.89	19.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0108 EA 118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P) .....	2,008.94	19.46
32 33 43 13-0109 EA 70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	495.15	19.46
32 33 43 13-0110 EA 94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	559.02	19.46
32 33 43 13-0111 EA 70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	514.31	19.46
32 33 43 13-0112 EA 94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	578.18	19.46
32 33 43 13-0113 EA 46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E) .....	833.68	19.46
32 33 43 13-0114 EA 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	986.97	19.46
32 33 43 13-0115 EA 46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P) .....	884.77	19.46
32 33 43 13-0116 EA 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P) .....	1,038.07	19.46
32 33 43 13-0117 EA 70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6) .....	515.98	29.19
32 33 43 13-0118 EA 94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8) .....	541.53	29.19
32 33 43 13-0119 EA 118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	739.53	29.19
32 33 43 13-0120 EA 46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E) .....	399.34	19.46
32 33 43 13-0121 EA 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	463.21	19.46
32 33 43 13-0122 EA 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	527.08	19.46
32 33 43 13-0123 EA 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E) .....	680.38	19.46
32 33 43 13-0124 EA 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E) .....	744.25	19.46
32 33 43 13-0125 EA 46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	405.73	19.46
32 33 43 13-0126 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	469.60	19.46
32 33 43 13-0127 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	533.47	19.46
32 33 43 13-0128 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	699.54	19.46
32 33 43 13-0129 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	763.41	19.46
32 33 43 13-0130 EA 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	693.15	19.46
32 33 43 13-0131 EA 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	801.74	19.46
32 33 43 13-0132 EA 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	1,038.07	19.46
32 33 43 13-0133 EA 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	1,146.65	19.46
32 33 43 13-0134 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	705.93	19.46
32 33 43 13-0135 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	814.51	19.46
32 33 43 13-0136 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	1,057.23	19.46
32 33 43 13-0137 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	1,165.81	19.46
32 33 43 13-0138 EA 70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	693.15	19.46
32 33 43 13-0139 EA 82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	980.58	19.46
32 33 43 13-0140 EA 94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	872.00	19.46
32 33 43 13-0141 EA 118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	1,153.04	19.46
32 33 43 13-0142 EA 142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	1,261.62	19.46
32 33 43 13-0143 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	795.35	19.46
32 33 43 13-0144 EA 82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	999.75	19.46
32 33 43 13-0145 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	884.77	19.46
32 33 43 13-0146 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	1,172.20	19.46
32 33 43 13-0147 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	1,280.79	19.46
32 33 43 13-0148 EA 70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6) .....	726.76	29.19
32 33 43 13-0149 EA 94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8) .....	841.73	29.19
32 33 43 13-0150 EA 118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10) .....	1,084.45	29.19
32 33 43 13-0151 EA 70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6) .....	797.02	29.19
32 33 43 13-0152 EA 94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8) .....	911.99	29.19
32 33 43 13-0153 EA 118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10).....	1,193.03	29.19
<b>32 33 43 13-0154 Recycled Plastic Benches (Columbia Cascade, TimberForm) (32 33 43 13-0089)</b>		
Note: Includes powder coated steel frames.		
32 33 43 13-0155 EA 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E).....	584.57	19.46
32 33 43 13-0156 EA 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E).....	801.74	19.46
32 33 43 13-0157 EA 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P).....	603.73	19.46
32 33 43 13-0158 EA 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P).....	820.90	19.46
32 33 43 13-0159 EA 46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E) .....	923.10	19.46
32 33 43 13-0160 EA 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E) .....	1,082.78	19.46
32 33 43 13-0161 EA 46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P).....	974.20	19.46
32 33 43 13-0162 EA 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P).....	1,133.88	19.46
32 33 43 13-0163 EA 70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6).....	579.85	29.19
32 33 43 13-0164 EA 94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8).....	701.21	29.19
32 33 43 13-0165 EA 118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10).....	828.96	29.19
32 33 43 13-0166 EA 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E).....	475.98	19.46
32 33 43 13-0167 EA 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E).....	642.06	19.46
32 33 43 13-0168 EA 118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E).....	769.80	19.46
32 33 43 13-0169 EA 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P).....	495.15	19.46
32 33 43 13-0170 EA 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P).....	661.22	19.46

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0171 EA 118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P) .....	795.35	19.46
32 33 43 13-0172 EA 70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E).....	763.41	19.46
32 33 43 13-0173 EA 94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E).....	1,031.68	19.46
32 33 43 13-0174 EA 118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E).....	1,255.24	19.46
32 33 43 13-0175 EA 70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P).....	795.35	19.46
32 33 43 13-0176 EA 94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P).....	1,076.39	19.46
32 33 43 13-0177 EA 118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P).....	1,299.95	19.46
32 33 43 13-0178 EA 70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E) .....	1,497.95	19.46
32 33 43 13-0179 EA 94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E) .....	2,066.42	19.46
32 33 43 13-0180 EA 118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E) .....	2,289.98	19.46
32 33 43 13-0181 EA 70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P) .....	1,529.89	19.46
32 33 43 13-0182 EA 94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P) .....	2,111.14	19.46
32 33 43 13-0183 EA 118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P) .....	2,334.69	19.46
32 33 43 13-0184 EA 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E).....	935.87	19.46
32 33 43 13-0185 EA 82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E).....	1,306.34	19.46
32 33 43 13-0186 EA 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E).....	1,248.85	19.46
32 33 43 13-0187 EA 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E).....	1,434.08	19.46
32 33 43 13-0188 EA 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E).....	1,932.29	19.46
32 33 43 13-0189 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P) .....	948.65	19.46
32 33 43 13-0190 EA 82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P) .....	1,325.50	19.46
32 33 43 13-0191 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P) .....	1,268.01	19.46
32 33 43 13-0192 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P) .....	1,453.24	19.46
32 33 43 13-0193 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P) .....	1,964.23	19.46
32 33 43 13-0194 EA 70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 6) .....	886.44	29.19
32 33 43 13-0195 EA 94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 8) .....	1,199.42	29.19
32 33 43 13-0196 EA 118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 10) .....	1,486.85	29.19
32 33 43 13-0197 EA 70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6).....	995.03	29.19
32 33 43 13-0198 EA 94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8).....	1,333.55	29.19
32 33 43 13-0199 EA 118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10).....	1,467.69	29.19
32 33 43 13-0200 EA 46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E) .....	424.89	19.46
32 33 43 13-0201 EA 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E) .....	559.02	19.46
32 33 43 13-0202 EA 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E) .....	757.03	19.46
32 33 43 13-0203 EA 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E) .....	891.16	19.46
32 33 43 13-0204 EA 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E) .....	1,038.07	19.46
32 33 43 13-0205 EA 46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P) .....	437.66	19.46
32 33 43 13-0206 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P).....	571.80	19.46
32 33 43 13-0207 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P).....	776.19	19.46
32 33 43 13-0208 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P).....	910.32	19.46
32 33 43 13-0209 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P).....	1,063.62	19.46
32 33 43 13-0210 EA 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E).....	833.68	19.46
32 33 43 13-0211 EA 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E).....	1,146.65	19.46
32 33 43 13-0212 EA 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E) .....	1,414.92	19.46
32 33 43 13-0213 EA 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E) .....	1,593.76	19.46
32 33 43 13-0214 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P).....	846.45	19.46
32 33 43 13-0215 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P).....	1,165.81	19.46
32 33 43 13-0216 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	1,434.08	19.46
32 33 43 13-0217 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	1,619.31	19.46

**32 33 43 53 Site Tables (32 33 43)**

32 33 43 53-0001 Picnic Tables (32 33 43 53)

32 33 43 53-0002 Wooden Picnic Tables (32 33 43 53-0001)



<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
Site Improvements	32 30	
Site Furnishings	32 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0003 EA 6' Permanent Rectangular Redwood Table .....	714.69	29.19
<b>32 33 43 53-0004 Portable Picnic Tables</b> (32 33 43 53-0001)		
32 33 43 53-0005 EA 6' Wood Table With Aluminum Frame .....	382.39	19.46
32 33 43 53-0006 EA 6' Aluminum Table And Frame .....	548.37	19.46
32 33 43 53-0007 EA 8' Aluminum Table And Frame .....	655.13	24.33
32 33 43 53-0008 EA 6' Steel Table And Frame .....	842.48	19.46
32 33 43 53-0009 EA 8' Steel Table And Frame .....	962.05	24.33
<b>32 33 43 53-0010 Concrete Picnic Tables</b> (32 33 43 53-0001)		
32 33 43 53-0011 EA 6' Concrete Picnic Table .....	1,365.22	88.12
<b>32 33 43 53-0012 Plastic Picnic Tables</b> (32 33 43 53-0001)		
Note: Manufactured from recycled plastic.		
<b>32 33 43 53-0013 Pedestal Tables - 4' Square, 2 Seats</b> (32 33 43 53-0012)		
32 33 43 53-0014 EA 3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats .....	420.21	29.19
32 33 43 53-0015 EA 4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats .....	458.65	29.19
<b>32 33 43 53-0016 Pedestal Tables - 4' Square, 4 Seats</b> (32 33 43 53-0012)		
32 33 43 53-0017 EA 3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats .....	544.85	29.19
32 33 43 53-0018 EA 4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats .....	596.46	29.19
<b>32 33 43 53-0019 Recycled Plastic Tables</b> (32 33 43 53-0012)		
32 33 43 53-0020 EA 6' Standard "Step-Over" Table, Recycled Plastic Lumber .....	707.73	29.19
32 33 43 53-0021 EA 6' "Walk-Through" Table, Recycled Plastic Lumber .....	592.63	29.19
32 33 43 53-0022 EA 7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends .....	645.52	29.19
32 33 43 53-0023 EA 8' "Walk-Through" Table, Recycled Plastic Lumber, ADA Ends .....	604.90	29.19
32 33 43 53-0024 EA 8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends .....	756.29	29.19
32 33 43 53-0025 EA 4' Youth Table, Recycled Plastic Lumber .....	308.54	23.35
<b>32 33 53 Site Grills</b> (32 33)		
<b>32 33 53 00-0001 Picnic Grills</b> (32 33 53)		
32 33 53 00-0002 EA 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill .....	271.27	
Note: 11 gauge with galvanized steel post.		
32 33 53 00-0003 EA 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill .....	291.61	
Note: 7 gauge with galvanized steel post.		
<b>32 39 Manufactured Site Specialties</b> (32 39)		
<b>32 39 13 Manufactured Metal Bollards</b> (32 39)		
<b>32 39 13 00-0001 Metal Pipe Bollards</b> (32 39 13)		
Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.		
<b>32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated</b> (32 39 13 00-0001)		
32 39 13 00-0003 LF 4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	27.40	5.61
<i>For Galvanized Steel, Add</i>		
	2.75	
<i>For 304 Stainless Steel, Add</i>		
	21.87	
<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>		
	68.80	
<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>		
	60.32	
<i>For Schedule 80, Add</i>		
	3.55	
32 39 13 00-0004 LF 6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	36.75	5.61
<i>For Galvanized Steel, Add</i>		
	4.34	
<i>For 304 Stainless Steel, Add</i>		
	34.49	
<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>		
	68.80	
<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>		
	60.32	
<i>For Schedule 80, Add</i>		
	4.95	
32 39 13 00-0005 LF 8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	51.89	7.00
<i>For Galvanized Steel, Add</i>		
	6.44	
<i>For 304 Stainless Steel, Add</i>		
	51.15	
<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>		
	94.00	
<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>		
	96.16	
<i>For Schedule 80, Add</i>		
	7.08	
32 39 13 00-0006 LF 10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	68.65	8.41
<i>For Galvanized Steel, Add</i>		
	8.81	
<i>For 304 Stainless Steel, Add</i>		
	69.98	
<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>		
	105.24	
<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>		
	101.78	
<i>For Schedule 80, Add</i>		
	9.46	

**32 Exterior Improvements****32 30 Site Improvements****32 39 Manufactured Site Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0007	LF		12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated..... <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i> <i>For Each Sleeve For Removable, Lockable Bollard, Add</i> <i>For Schedule 80, Add</i>	86.75 10.94 86.86 148.64 141.69 11.89	11.20
<b>32 39 13 00-0008</b>			<b>Cast Bollards</b> (32 39 13 00-0001)		
32 39 13 00-0009	EA		36" Cast Aluminum Bollard, Black Powder Coat Finish ..... Note: 8-1/2" diameter, embedded mounting plate, all colors.	929.81	33.61
32 39 13 00-0010	EA		36" Cast Aluminum Removable Bollard, Black Powder Coat Finish ..... Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,578.48	33.61
32 39 13 00-0011	EA		36" Cast Iron Bollard, Powder Coat Finish..... Note: 8-1/2" diameter, embedded mounting plate, all colors.	786.40	33.61
32 39 13 00-0012	EA		36" Cast Iron Removable Bollard, Black Powder Coat Finish ..... Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,438.91	33.61
<b>32 39 16</b>			<b>Manufactured Concrete Bollards</b> (32 39)		
32 39 16 00-0001			<b>Concrete Bollards</b> (32 39 16) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.		
32 39 16 00-0002			<b>Concrete Bollard, Exposed Aggregate</b> (32 39 16 00-0001)		
32 39 16 00-0003	EA		12" x 12" x 30" High Concrete Bollard, Light Sandblast ..... Note: Surface mounted with anchor bolts embedded into grout pockets.	349.38	44.81
32 39 16 00-0004	EA		12" Diameter x 30" High Concrete Bollard, Light Sandblast ..... Note: Surface mounted with anchor bolts embedded into grout pockets.	349.38	44.81
<b>32 39 19</b>			<b>Manufactured Wood Bollards</b> (32 39)		
32 39 19 00-0001			<b>Wood Bollards</b> (32 39 19) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 19 00-0002			<b>Wood Bollard, Pressure Treated Timber</b> (32 39 19 00-0001)		
32 39 19 00-0003	LF		4" x 4", Pressure Treated Wood Bollard ..... <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	10.89 64.94	4.48
32 39 19 00-0004	LF		6" x 6", Pressure Treated Wood Bollard ..... <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	12.92 64.94	4.48
32 39 19 00-0005	LF		8" x 8", Pressure Treated Wood Bollard ..... <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	17.14 105.38	5.04
32 39 19 00-0006	LF		10" x 10", Pressure Treated Wood Bollard ..... <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	24.43 112.08	6.72
32 39 19 00-0007	LF		12" x 12", Pressure Treated Wood Bollard ..... <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	33.76 156.95	8.96
<b>32 39 23</b>			<b>Manufactured Plastic Bollards</b> (32 39)		
32 39 23 00-0001			<b>Plastic Bollards</b> (32 39 23) See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.		
32 39 23 00-0002			<b>Recycled Plastic Bollards</b> (32 39 23 00-0001)		
32 39 23 00-0003	EA		6" x 6" x 33" Surface Mounted Recycled Plastic Bollard ..... Note: Includes anchor bolts.	167.74	22.41
32 39 23 00-0004	EA		6" Diameter x 6" Steel Reinforced Recycled Plastic Bollard.....	277.19	22.41
32 39 23 00-0005			<b>Plastic Bollard Covers</b> (32 39 23 00-0001)		
32 39 23 00-0006	EA		4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe ..... <i>For Reflective Tape, Add</i>	42.71 5.16	5.10
32 39 23 00-0007	EA		6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe ..... <i>For Reflective Tape, Add</i>	46.11 5.16	5.61
32 39 23 00-0008	EA		3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe ..... <i>For Reflective Tape, Add</i>	58.98 5.16	5.10
32 39 23 00-0009	EA		3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe..... <i>For Reflective Tape, Add</i>	58.98 5.16	5.10
32 39 23 00-0010	EA		3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe..... <i>For Reflective Tape, Add</i>	66.57 5.16	5.10
32 39 23 00-0011	EA		4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe..... <i>For Reflective Tape, Add</i>	58.98 5.16	5.10
32 39 23 00-0012	EA		4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe ..... <i>For Reflective Tape, Add</i>	60.06 5.16	5.10
32 39 23 00-0013	EA		5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe ..... <i>For Reflective Tape, Add</i>	58.98 5.16	5.10
32 39 23 00-0014	EA		5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe ..... <i>For Reflective Tape, Add</i>	60.06 5.16	5.10
32 39 23 00-0015	EA		5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe ..... <i>For Reflective Tape, Add</i>	85.01 5.16	5.10
32 39 23 00-0016	EA		6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe ..... <i>For Reflective Tape, Add</i>	60.00 5.16	5.61





<b>Exterior Improvements</b>	<b>32</b>	<b>32</b>
<b>Site Improvements</b>	<b>32 30</b>	
<b>Manufactured Site Specialties</b>	<b>32 39</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0017 EA 6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe..... <i>For Reflective Tape, Add</i>	77.35 5.16	5.61
32 39 23 00-0018 EA 6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe..... <i>For Reflective Tape, Add</i>	88.40 5.16	5.61
32 39 23 00-0019 EA 7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe..... <i>For Reflective Tape, Add</i>	74.03 5.16	6.12
32 39 23 00-0020 EA 8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe..... <i>For Reflective Tape, Add</i>	80.54 5.16	6.12
32 39 23 00-0021 EA 8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe..... <i>For Reflective Tape, Add</i>	80.54 5.16	6.12
32 39 23 00-0022 EA 10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe..... <i>For Reflective Tape, Add</i>	109.83 5.16	6.12
<b>32 39 26 Manufactured Stone Bollards (32 39)</b>		
32 39 26 00-0001 Stone Bollards (32 39 26)		
32 39 26 00-0002 Granite Bollards (32 39 26 00-0001)		
32 39 26 00-0003 EA 16" x 16" x 30" Granite Bollard, Smooth Matt Finish..... Note: Surface mounted with anchors embedded into grout pockets.	682.95	56.02
32 39 26 00-0004 EA 16" x 16" x 54" Granite Bollard, Smooth Matt Finish..... Note: Surface mounted with anchors embedded into grout pockets.	862.71	78.44
32 39 26 00-0005 EA 12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top..... Note: Surface mounted with anchors embedded into grout pockets.	417.22	56.02
32 39 26 00-0006 EA 12" Diameter x 18" Granite Bollard, Smooth Matt Finish..... Note: Flat Top, surface mounted with anchors embedded into grout pockets.	629.40	44.81
32 39 26 00-0007 EA 24" x 24" x 20" Granite Bollard, Octagonal Cross Section..... Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	945.99	44.81
<b>32 80 Irrigation (32)</b>		
<b>32 84 Planting Irrigation (32 80)</b>		
<b>32 84 13 Drip Irrigation (32 84)</b>		
<b>32 84 13 00-0001 Drip Emitter Irrigation Devices (32 84 13)</b>		
<b>32 84 13 00-0002 Drip Emitter Irrigation Valves (32 84 13 00-0001)</b>		
32 84 13 00-0003 EA 1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rainbird ARV050).....	27.27	6.73
32 84 13 00-0004 EA 1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LRV100).....	41.27	6.73
32 84 13 00-0005 EA 3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LRV075).....	40.30	6.73
32 84 13 00-0006 EA 3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LRV075TBOS).....	53.46	6.73
<b>32 84 13 00-0007 Drip Emitter Irrigation Filters (32 84 13 00-0001)</b>		
32 84 13 00-0008 EA 3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird QKCHK-075).....	81.26	6.73
32 84 13 00-0009 EA 1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird QKCHK-100).....	81.98	6.73
32 84 13 00-0010 EA 3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rainbird RBY075MPTX).....	33.39	6.73
32 84 13 00-0011 EA 1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rainbird RBY100MPTX).....	33.97	6.73
32 84 13 00-0012 EA 1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird PRB-QCHK-100).....	88.00	6.73
32 84 13 00-0013 EA 3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rainbird PRF075RBY).....	42.10	6.73
32 84 13 00-0014 EA 1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rainbird PRF100RBY).....	46.63	6.73
<b>32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators (32 84 13 00-0001)</b>		
32 84 13 00-0016 EA 3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-L30X-075).....	32.80	6.73
32 84 13 00-0017 EA 3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M30X-075).....	32.80	6.73
32 84 13 00-0018 EA 3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M40X-075).....	32.80	6.73
32 84 13 00-0019 EA 1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M40X-100).....	37.57	6.73
<b>32 84 13 00-0020 Drip Emitter Irrigation Tubing (32 84 13 00-0001)</b>		
Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021 LF 1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rainbird LDQ0806100).....	2.45	0.94
32 84 13 00-0022 LF 1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rainbird XFD0612100).....	2.33	1.08
32 84 13 00-0023 LF 1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rainbird XQ100)..... <i>For Shallow Trenching And Backfill By Hand, Add</i>	1.99 3.86	0.94
32 84 13 00-0024 LF 1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rainbird XT700100)..... <i>For Shallow Trenching And Backfill By Hand, Add</i>	2.33 4.18	1.08
<b>32 84 13 00-0025 Drip Emitter Irrigation Fittings (32 84 13 00-0001)</b>		
32 84 13 00-0026 EA 1/4", Barbed Coupling For Irrigation Tubing (Rainbird XBF1CONN).....	1.77	
32 84 13 00-0027 EA 1/4", Barbed Elbow For Irrigation Tubing (Rainbird XBF2EL).....	1.78	

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0028	EA		1/4", Barbed Tee For Irrigation Tubing (Rainbird XBF3TEE) .....	1.81	
32 84 13 00-0029	EA		1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rainbird SPB025) .....	1.90	
32 84 13 00-0030	EA		1/4", Plug For Irrigation Tubing (Rainbird EMAGPX) .....	1.75	
32 84 13 00-0031	EA		17mm, Barbed Coupling For Irrigation Tubing (Rainbird XFFCOUP) .....	1.85	
			<i>For Compression Fitting, Add</i> .....	0.17	
32 84 13 00-0032	EA		17mm, Barbed Elbow For Irrigation Tubing (Rainbird XFF-ELBOW) .....	1.90	
			<i>For Compression Fitting, Add</i> .....	0.22	
32 84 13 00-0033	EA		17mm, Barbed Tee For Irrigation Tubing (Rainbird XFF-TEE) .....	1.93	
			<i>For Compression Fitting, Add</i> .....	0.25	
32 84 13 00-0034	EA		17mm, Barbed Male Adapter For Irrigation Tubing (Rainbird XFFMA050) .....	1.94	
			<i>For Compression Fitting, Add</i> .....	0.26	
32 84 13 00-0035	EA		17mm, Barbed Cross For Irrigation Tubing (Rainbird XFFCROSS) .....	2.04	
			<i>For Compression Fitting, Add</i> .....	0.36	
32 84 13 00-0036	EA		1/2", Plug For Irrigation Tubing (Rainbird MDCFCAP) .....	2.16	
32 84 13 00-0037	EA		12 Gauge, Galvanized Stake For Irrigation Tubing (Rainbird TDS050BEND) .....	1.07	
<b>32 84 13 00-0038</b>			<b>Drip Emitters</b> <small>(32 84 13 00-0001)</small>		
32 84 13 00-0039	EA		0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird XB20PC) .....	3.64	
32 84 13 00-0040	EA		5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird PC24) .....	4.10	
32 84 13 00-0041	EA		0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird XB056) .....	8.32	
<b>32 84 13 00-0042</b>			<b>Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters</b> <small>(32 84 13 00-0001)</small>		
32 84 13 00-0043	EA		Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rainbird SXB360SPYK) .....	14.18	6.06
32 84 13 00-0044	EA		Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rainbird XS360TSPYK) .....	14.20	6.06
32 84 13 00-0045	EA		12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rainbird SQADP12 With SQFUL) .....	15.48	6.06
32 84 13 00-0046	EA		24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems Rainbird SQADP24 With SQFUL) .....	15.62	6.06
32 84 13 00-0047	EA		4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP-400X With SQFUL) .....	22.41	7.94
			Note: Includes nozzle.		
32 84 13 00-0048	EA		6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP-600X With SQFUL) .....	24.06	7.94
			Note: Includes nozzle.		
32 84 13 00-0049	EA		12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP1200X With SQFUL) .....	23.90	7.94
			Note: Includes nozzle.		
<b>32 84 13 00-0050</b>			<b>Subsurface Drip Emitter Irrigation Tubing (Rainbird XFS)</b> <small>(32 84 13 00-0001)</small>		
			Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF		0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rainbird XFS Copper Shield) .....	2.67	1.18
<b>32 84 23</b>			<b>Underground Sprinklers</b> <small>(32 84)</small>		
<b>32 84 23 00-0001</b>			<b>Sprinkler Heads</b> <small>(32 84 23)</small>		
<b>32 84 23 00-0002</b>			<b>Spray Sprinkler Heads</b> <small>(32 84 23 00-0001)</small>		
			Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA		2" Pop-Up Height, Spray Sprinkler Head (Rainbird 1802P) .....	19.84	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0004	EA		4" Pop-Up Height, Spray Sprinkler Head (Rainbird 1804P) .....	18.91	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0005	EA		6" Pop-Up Height, Spray Sprinkler Head (Rainbird 1806P) .....	22.37	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0006	EA		12" Pop-Up Height, Spray Sprinkler Head (Rainbird 1812P) .....	25.28	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0007	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1804-SAM) .....	20.21	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0008	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1806-SAM) .....	25.09	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0009	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1812-SAM) .....	27.44	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0010	EA		4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1804-PRS) .....	21.60	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0011	EA		6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1806-PRS) .....	26.05	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0012	EA		12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1812-PRS) .....	28.24	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0013	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1804-SAM-PRS) .....	22.16	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0014	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1806-SAM-PRS) .....	28.98	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0015	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1812-SAM-PRS) .....	31.15	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0016	EA		Bubbler Head With Screen, 1/2" NPT (Rainbird 1300) .....	17.09	7.43
			<i>For Rotary Nozzle, Add</i> .....	3.25	
32 84 23 00-0017	EA		Pressure Compensating Bubbler With Screen, 1/2" NPT (Rainbird 1400) .....	19.25	7.43



<b>Exterior Improvements</b>		<b>32</b>
Irrigation		32 80
Planting Irrigation		32 84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0018 <b>Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0001)</small> Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019 <b>1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020 EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 3504PC).....	26.70	7.43
For Non-Potable Cover, Add	2.00	
32 84 23 00-0021 EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 3504-PC-SAM).....	27.47	7.43
For Non-Potable Cover, Add	2.00	
32 84 23 00-0022 <b>3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 5004-PLPC).....	24.84	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0024 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 5006-PLPC).....	33.18	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0025 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5004-PLPCS).....	26.39	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0026 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5006-PLPCS).....	34.42	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0027 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rainbird 5004+PCR).....	27.01	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0028 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5004+FCSR).....	28.24	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0029 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5006+PCSR).....	36.27	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0030 EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5012+PCSR).....	41.21	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0031 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5000S-PLPCS).....	28.09	7.43
For Non-Potable Cover, Add	2.00	
32 84 23 00-0032 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5000S+PCSR).....	33.03	7.43
For Non-Potable Cover, Add	2.00	
32 84 23 00-0033 <b>1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034 EA 4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird F4PC).....	44.77	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
For Stainless Steel Riser And High Speed Rotor, Add	22.74	
32 84 23 00-0035 <b>1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036 EA 5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 8005).....	62.68	7.43
For Non-Potable Cover, Add	2.00	
For Stainless Steel Riser, Add	9.00	
32 84 23 00-0037 <b>Impact-Drive Sprinkler Heads</b> <small>(32 84 23 00-0001)</small> Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038 EA 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rainbird 2045A-08).....	36.12	7.43
For Non-Potable Cover, Add	2.00	
32 84 23 00-0039 EA 1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rainbird 2045-PJ08).....	28.71	7.43
32 84 23 00-0040 EA 3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rainbird 35A-ADJ-TNTB).....	53.40	7.43
32 84 23 00-0041 <b>Electric Remote Control Irrigation Valves</b> <small>(32 84 23)</small>		
32 84 23 00-0042 <b>0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rainbird DV Series)</b> <small>(32 84 23 00-0041)</small> Note: 15 to 150 PSI.		
32 84 23 00-0043 EA 3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 75DV).....	83.67	30.98

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 100DV).....	83.67	30.98
32 84 23 00-0045	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rainbird 100DVA) .....	84.28	30.98
<b>32 84 23 00-0046</b>		<b>0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rainbird DVF Series) (32 84 23 00-0041)</b>		
		Note: 15 to 150 PSI.		
32 84 23 00-0047	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rainbird 100DVF) .....	84.28	30.98
<b>32 84 23 00-0048</b>		<b>0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rainbird PEB Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI.		
32 84 23 00-0049	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 100PEB).....	133.70	30.98
32 84 23 00-0050	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 150PEB) .....	155.33	30.98
32 84 23 00-0051	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 200PEB).....	183.13	30.98
<b>32 84 23 00-0052</b>		<b>5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rainbird PEB PRS-D Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0053	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 100PEB PRS-D) .....	188.65	34.82
32 84 23 00-0054	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 150PEB PRS-D) .....	210.27	34.82
32 84 23 00-0055	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 200PEB PRS-D) .....	238.07	34.82
<b>32 84 23 00-0056</b>		<b>20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rainbird PESB PRS-D Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0057	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 100PESB PRS-D) .....	219.53	34.82
32 84 23 00-0058	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 150PESB PRS-D) .....	241.16	34.82
32 84 23 00-0059	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 200PESB PRS-D) .....	268.96	34.82
<b>32 84 23 00-0060</b>		<b>0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0061	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B) .....	195.20	30.98
32 84 23 00-0062	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B) .....	294.60	30.98
32 84 23 00-0063	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B) .....	303.59	30.98
32 84 23 00-0064	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B) .....	705.08	41.82
<b>32 84 23 00-0065</b>		<b>5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rainbird EFB-CP Series) (32 84 23 00-0041)</b>		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0066	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 100EFB-CP) .....	181.94	34.82
32 84 23 00-0067	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 125EFB- CP) .....	211.50	34.82
32 84 23 00-0068	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 150EFB- CP) .....	243.60	34.82
32 84 23 00-0069	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 200EFB-CP) .....	285.85	34.82
<b>32 84 23 00-0070</b>		<b>0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0071	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B- FS) .....	237.51	34.82
32 84 23 00-0072	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G- B-FS) .....	355.44	34.82
32 84 23 00-0073	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B- FS) .....	365.55	34.82
32 84 23 00-0074	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B- FS) .....	750.81	34.82
<b>32 84 23 00-0075</b>		<b>0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041)</b>		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0076	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G- B ACCU-SYNC-ADJ) .....	240.13	30.98



		<b>Exterior Improvements</b>	<b>32</b>
		Irrigation	32 80
		Planting Irrigation	32 84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0077 EA 1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ).....	339.53	30.98
32 84 23 00-0078 EA 2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ).....	348.52	30.98
32 84 23 00-0079 EA 3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ).....	750.01	41.82
<b>32 84 23 00-0080 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rainbird EFB-CP PRS-D Series)</b> <small>(32 84 23 00-0041)</small> Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0081 EA 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 100EFB-CP PRS-D).....	228.28	34.82
32 84 23 00-0082 EA 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 125EFB-CP PRS-D).....	257.84	34.82
32 84 23 00-0083 EA 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 150EFB-CP PRS-D).....	289.93	34.82
32 84 23 00-0084 EA 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 200EFB-CP PRS-D).....	332.18	34.82
<b>32 84 23 00-0085 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series)</b> <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0086 EA 1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ).....	282.43	34.82
32 84 23 00-0087 EA 1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ).....	400.37	34.82
32 84 23 00-0088 EA 2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ).....	410.48	34.82
32 84 23 00-0089 EA 3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ).....	795.74	34.82
<b>32 84 23 00-0090 Irrigation Valve Boxes</b> <small>(32 84 23)</small> Note: Includes lid.		
32 84 23 00-0091 EA 6" Round Irrigation Valve Box With Lid (Rainbird® PVB-6RND).....	51.99	22.30
32 84 23 00-0092 EA 7" Round Irrigation Valve Box With Lid (Rainbird® VB-7RND).....	59.28	22.30
32 84 23 00-0093 EA 10" Round Irrigation Valve Box With Lid (Rainbird® VB-10RND).....	77.79	29.37
32 84 23 00-0094 EA 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rainbird® VB-STD).....	132.47	42.87
32 84 23 00-0095 EA 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-STDH).....	135.04	42.87
32 84 23 00-0096 EA 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rainbird® VB-JMB).....	153.50	42.87
32 84 23 00-0097 EA 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-JMBH).....	155.70	42.87
32 84 23 00-0098 EA 33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-SPRH).....	261.19	42.87
32 84 23 00-0099 EA 40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-MAXH).....	397.82	42.87
<b>32 84 23 00-0100 Irrigation Controllers</b> <small>(32 84 23)</small> See CSI section 27 14 13 16-0074 for low voltage wiring.		
<b>32 84 23 00-0101 Irrigation Controllers</b> <small>(32 84 23 00-0100)</small>		
<b>32 84 23 00-0102 Irrigation Controllers (Rainbird)</b> <small>(32 84 23 00-0101)</small>		
<b>32 84 23 00-0103 Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP Series)</b> <small>(32 84 23 00-0102)</small>		
<b>32 84 23 00-0104 Four Program, Modular Irrigation Controllers (Rainbird ESP-ME Series)</b> <small>(32 84 23 00-0103)</small>		
<b>32 84 23 00-0105 Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP-MEI Series)</b> <small>(32 84 23 00-0104)</small>		
32 84 23 00-0106 EA 4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	147.63	15.57
32 84 23 00-0107 EA 7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	206.50	15.57
32 84 23 00-0108 EA 10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	265.36	15.57
32 84 23 00-0109 EA 13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	324.23	15.57
32 84 23 00-0110 EA 16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	367.53	15.57
32 84 23 00-0111 EA 19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	428.34	15.57
32 84 23 00-0112 EA 22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-MEI Series).....	489.15	15.57
<b>32 84 23 00-0113 Four Program, Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-ME Series)</b> <small>(32 84 23 00-0104)</small>		
32 84 23 00-0114 EA 4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	170.48	15.57
32 84 23 00-0115 EA 7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	229.35	15.57
32 84 23 00-0116 EA 10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	288.21	15.57
32 84 23 00-0117 EA 13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	347.08	15.57
32 84 23 00-0118 EA 16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	390.38	15.57
32 84 23 00-0119 EA 19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	451.19	15.57
32 84 23 00-0120 EA 22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	512.00	15.57

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 84 23 00-0121		<b>Four Program, Modular Irrigation Controllers (Rainbird ESP-SMTE Series)</b> (32 84 23 00-0103)		
32 84 23 00-0122		<b>Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP-SMTEI Series)</b> (32 84 23 00-0121)		
32 84 23 00-0123	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	227.00	15.57
32 84 23 00-0124	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	285.88	15.57
32 84 23 00-0125	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	344.74	15.57
32 84 23 00-0126	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	403.60	15.57
32 84 23 00-0127	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	446.90	15.57
32 84 23 00-0128	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	507.71	15.57
32 84 23 00-0129	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series) .....	568.52	15.57
32 84 23 00-0130		<b>Four Program, Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-SMTE Series)</b> (32 84 23 00-0121)		
32 84 23 00-0131	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	244.13	15.57
32 84 23 00-0132	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	303.00	15.57
32 84 23 00-0133	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	361.86	15.57
32 84 23 00-0134	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	420.72	15.57
32 84 23 00-0135	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	464.02	15.57
32 84 23 00-0136	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	524.83	15.57
32 84 23 00-0137	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series) .....	585.64	15.57
32 84 23 00-0138		<b>Accessories For ESP-ME/MEI Irrigation Controllers</b> (32 84 23 00-0103)		
32 84 23 00-0139	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rainbird ESP-SM3) .....	60.81	
		Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.		
32 84 23 00-0140	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rainbird ESP-SM6) .....	116.86	
		Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.		
32 84 23 00-0141	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rainbird ESPSMTEUPG) .....	153.84	
32 84 23 00-0142		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LX Series)</b> (32 84 23 00-0102)		
32 84 23 00-0143		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LX Basic Series)</b> (32 84 23 00-0142)		
32 84 23 00-0144	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	344.02	15.57
32 84 23 00-0145	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	417.84	15.57
32 84 23 00-0146	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	492.76	15.57
32 84 23 00-0147	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	566.59	15.57
32 84 23 00-0148	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	641.51	15.57
32 84 23 00-0149	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	715.33	15.57
32 84 23 00-0150	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	790.26	15.57
32 84 23 00-0151	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	864.07	15.57
32 84 23 00-0152	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	939.00	15.57
32 84 23 00-0153	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series) .....	1,012.82	15.57
32 84 23 00-0154		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LXME Series)</b> (32 84 23 00-0142)		
32 84 23 00-0155	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	336.70	15.57
32 84 23 00-0156	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	410.51	15.57
32 84 23 00-0157	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	485.44	15.57
32 84 23 00-0158	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	559.25	15.57
32 84 23 00-0159	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	634.19	15.57
32 84 23 00-0160	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	708.00	15.57
32 84 23 00-0161	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	782.93	15.57
32 84 23 00-0162	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	856.75	15.57
32 84 23 00-0163	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	931.67	15.57
32 84 23 00-0164	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	1,005.49	15.57
32 84 23 00-0165	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series) .....	1,080.42	15.57
32 84 23 00-0166		<b>Accessories For ESP-LX/LXME Irrigation Controllers</b> (32 84 23 00-0142)		
32 84 23 00-0167	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rainbird LXMM) .....	241.17	
32 84 23 00-0168	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMPED + LXMM) .....	557.13	
		Note: Excludes concrete foundation.		
32 84 23 00-0169	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMSS) .....	520.98	
32 84 23 00-0170	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMSSPED + LXMMSS) .....	1,155.55	
		Note: Excludes concrete foundation.		
32 84 23 00-0171	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM4) .....	73.83	
		Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.		



		<b>Exterior Improvements</b>	<b>32</b>
		Irrigation	32 80
		Planting Irrigation	32 84

32

MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0172	EA 8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM8)..... 148.74 Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	148.74	
32 84 23 00-0173	EA 12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM12)..... 230.18 Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	230.18	
32 84 23 00-0174	EA Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rainbird FSM-LXME)..... 83.78	83.78	
<b>32 84 23 00-0175</b>	<b>Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rainbird TBOS-II Series) (32 84 23 00-0102)</b>		
<b>32 84 23 00-0176</b>	<b>Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rainbird TBOS-II Series) (32 84 23 00-0175)</b>		
32 84 23 00-0177	EA 1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series) ..... 163.07	163.07	15.57
32 84 23 00-0178	EA 2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series) ..... 198.03	198.03	15.57
32 84 23 00-0179	EA 4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series) ..... 249.12	249.12	15.57
<b>32 84 23 00-0180</b>	<b>Accessories For TBOS-II Series Irrigation Controllers (32 84 23 00-0175)</b>		
32 84 23 00-0181	EA Field Transmitter For TBOS-II Series Irrigation Controllers (Rainbird TBOS2FTUS)..... 193.93	193.93	
32 84 23 00-0182	EA Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rainbird TBOSPSOL) ..... 42.73	42.73	11.68
<b>32 84 23 00-0183</b>	<b>Accessories For Irrigation Controllers (Rainbird) (32 84 23 00-0102)</b>		
32 84 23 00-0184	EA Wired Rain Sensor For Irrigation Controllers (Rainbird RSDBEX)..... 64.99	64.99	11.68
32 84 23 00-0185	EA Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rainbird WR2RC) ..... 129.38	129.38	11.68
32 84 23 00-0186	EA Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rainbird WR2RFC)..... 136.03	136.03	11.68
32 84 23 00-0187	EA Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rainbird SMRT-Y) ..... 193.65	193.65	11.68
<b>32 84 23 00-0188</b>	<b>Two-Wire Decoder Systems (32 84 23 00-0100)</b>		
<b>32 84 23 00-0189</b>	<b>Two-Wire Decoder Systems (Rainbird) (32 84 23 00-0188)</b>		
<b>32 84 23 00-0190</b>	<b>Controllers For Two-Wire Decoder Systems (Rainbird ESP-LXD Series) (32 84 23 00-0189)</b> Note: Includes water resistant cabinet.		
32 84 23 00-0191	EA 50-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series) ..... 956.56	956.56	15.57
32 84 23 00-0192	EA 125-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series) ..... 1,400.80	1,400.80	15.57
32 84 23 00-0193	EA 200-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series) ..... 1,845.05	1,845.05	15.57
<b>32 84 23 00-0194</b>	<b>Field Decoders For Two-Wire Decoder Systems (Rainbird) (32 84 23 00-0189)</b>		
32 84 23 00-0195	EA One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD101TURF) ..... 119.92	119.92	15.57
32 84 23 00-0196	EA One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD102TURF) ..... 152.08	152.08	15.57
32 84 23 00-0197	EA Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD202TURF) ..... 226.04	226.04	15.57
32 84 23 00-0198	EA Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD401TURF) ..... 273.02	273.02	15.57
32 84 23 00-0199	EA Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD601TURF) ..... 446.93	446.93	15.57
<b>32 84 23 00-0200</b>	<b>Accessories For Two-Wire Decoder Systems (Rainbird) (32 84 23 00-0189)</b>		
32 84 23 00-0201	EA 50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rainbird MOD50-LXD)..... 717.12	717.12	
32 84 23 00-0202	EA 75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rainbird SPLXDSM75)..... 444.24	444.24	
32 84 23 00-0203	EA Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rainbird LSP1TURF) ..... 90.98	90.98	13.63
32 84 23 00-0204	EA Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rainbird SD210TURF)..... 390.77	390.77	15.57
<b>32 84 23 00-0205</b>	<b>Satellite Irrigation Controllers (Rainbird ESP-SAT) (32 84 23 00-0100)</b> Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0206	EA 12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP12SATLS)..... 2,351.66	2,351.66	87.58
32 84 23 00-0207	EA 24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP24SATLS)..... 2,480.00	2,480.00	92.45
32 84 23 00-0208	EA 40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP40SATLS)..... 3,459.72	3,459.72	97.31
<b>32 84 23 00-0209</b>	<b>Irrigation Valves (32 84 23)</b>		
<b>32 84 23 00-0210</b>	<b>Reduced Pressure Zone Valves With QT Shut-Offs (32 84 23 00-0209)</b> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0211	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series) ..... 406.18	406.18	25.58
32 84 23 00-0212	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... 482.26	482.26	31.22
32 84 23 00-0213	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)..... 724.90	724.90	36.35
32 84 23 00-0214	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)..... 767.51	767.51	41.73
32 84 23 00-0215	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) ..... 922.39	922.39	53.84
<b>32 84 23 00-0216</b>	<b>Brass Quick-Coupling Irrigation Valves (32 84 23 00-0209)</b>		
32 84 23 00-0217	EA 3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 3RC) ..... 89.11 <i>For Valve Key, Add</i>	89.11 22.70	22.30

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 84 23 00-0218	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 33DRC)..... <i>For Locking Cover, Add</i> <i>For Valve Key, Add</i>	91.73 25.00 22.70	22.30
32 84 23 00-0219	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 44RC) ..... <i>For Valve Key, Add</i>	120.61 58.07	22.30
32 84 23 00-0220	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 44LRC) ..... <i>For Locking Cover, Add</i> <i>For Valve Key, Add</i>	131.11 25.00 58.07	22.30
<b>32 84 23 00-0221</b>		<b>Anti-Siphon Pressure Type Vacuum Breaker</b> <small>(32 84 23 00-0209)</small> Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0222	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	125.66	18.84
32 84 23 00-0223	EA	1" Anti-Siphon Pressure Type Vacuum Breaker .....	176.57	21.54
32 84 23 00-0224	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker .....	311.75	24.90
32 84 23 00-0225	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker .....	378.98	27.59
32 84 23 00-0226	EA	2" Anti-Siphon Pressure Type Vacuum Breaker .....	385.49	33.65
<b>32 84 23 00-0227</b>		<b>Irrigation Piping</b> <small>(32 84 23)</small>		
32 84 23 00-0228	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings..... <i>For &gt;1,000, Deduct</i>	1.80 -0.09	0.78
32 84 23 00-0229	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings ..... <i>For &gt;1,000, Deduct</i>	2.17 -0.11	0.93
32 84 23 00-0230	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings ..... <i>For &gt;1,000, Deduct</i>	3.03 -0.15	1.18
32 84 23 00-0231	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings ..... <i>For &gt;1,000, Deduct</i>	3.90 -0.20	1.47
32 84 23 00-0232	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings ..... <i>For &gt;1,000, Deduct</i>	4.96 -0.25	1.73
<b>32 84 23 00-0233</b>		<b>Irrigation Swing Joints</b> <small>(32 84 23)</small>		
32 84 23 00-0234	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rainbird TSJ12075) .....	42.97	13.77
32 84 23 00-0235	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rainbird TSJ12) .....	52.34	17.19
32 84 23 00-0236	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rainbird TSJ100PRS) .....	64.69	17.19
<b>32 84 23 00-0237</b>		<b>Irrigation Control Wire</b> <small>(32 84 23)</small> Note: Excludes excavation and backfill.		
<b>32 84 23 00-0238</b>		<b>18 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0237)</small>		
32 84 23 00-0239	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	28.81	9.29
32 84 23 00-0240	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	37.60	10.84
32 84 23 00-0241	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	43.25	12.39
32 84 23 00-0242	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	49.47	13.94
32 84 23 00-0243	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	56.25	15.49
32 84 23 00-0244	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	67.03	17.04
32 84 23 00-0245	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	77.35	18.59
32 84 23 00-0246	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	84.04	20.14
32 84 23 00-0247	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	92.22	21.69
32 84 23 00-0248	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	101.58	23.23
32 84 23 00-0249	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	105.24	24.79
32 84 23 00-0250	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	109.47	26.33
32 84 23 00-0251	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	115.52	27.88
<b>32 84 23 00-0252</b>		<b>16 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0237)</small>		
32 84 23 00-0253	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench .....	30.32	9.29
<b>32 84 23 00-0254</b>		<b>14 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0237)</small>		
32 84 23 00-0255	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench .....	30.33	9.29
<b>32 84 23 00-0256</b>		<b>12 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0237)</small>		
32 84 23 00-0257	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench .....	40.32	9.29
<b>32 84 23 00-0258</b>		<b>10 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0237)</small>		
32 84 23 00-0259	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench .....	52.97	9.29
<b>32 84 23 00-0260</b>		<b>Root Watering Systems</b> <small>(32 84 23)</small> Note: Includes swing assembly.		
32 84 23 00-0261	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-1401)..... <i>For Root Watering Sand Sock, Add</i>	54.26 2.98	12.39
32 84 23 00-0262	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1401)..... <i>For Root Watering Sand Sock, Add</i>	58.35 2.98	12.39





		<b>Exterior Improvements</b>	<b>32</b>
		Irrigation	32 80
		Planting Irrigation	32 84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0263 EA 0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-1402).....	54.26	12.39
<i>For Root Watering Sand Sock, Add</i>	2.98	
32 84 23 00-0264 EA 0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1402) .....	58.35	12.39
<i>For Root Watering Sand Sock, Add</i>	2.98	
32 84 23 00-0265 EA 1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1404).....	58.35	12.39
<i>For Root Watering Sand Sock, Add</i>	2.98	
32 84 23 00-0266 EA 0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-1401).....	47.11	10.84
<i>For Root Watering Sand Sock, Add</i>	2.67	
32 84 23 00-0267 EA 0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-C-1401).....	51.03	10.84
<i>For Root Watering Sand Sock, Add</i>	2.67	
32 84 23 00-0268 EA 0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-1402).....	47.11	10.84
<i>For Root Watering Sand Sock, Add</i>	2.67	
32 84 23 00-0269 EA 0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-C-1402).....	51.03	10.84
<i>For Root Watering Sand Sock, Add</i>	2.67	
32 84 23 00-0270 EA 0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-S-B-1401).....	32.11	9.29
<i>For Root Watering Sand Sock, Add</i>	2.36	
32 84 23 00-0271 EA 0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-S-B-C-1401).....	35.85	9.29
<i>For Root Watering Sand Sock, Add</i>	2.36	

**32 90 Planting** <sup>(32)</sup>

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

**32 91 Planting Preparation** <sup>(32 90)</sup>

**32 91 13 Soil Preparation** <sup>(32 91)</sup>

**32 91 13 16 Mulching** <sup>(32 91 13)</sup>

**32 91 13 16-0001 Mulch** <sup>(32 91 13 16)</sup>

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles.

32 91 13 16-0002 CY Pine Bark Nugget Mulch .....	44.77	
<i>For &gt;5 To 20, Deduct</i>	-3.85	
<i>For &gt;20 To 50, Deduct</i>	-5.47	
<i>For &gt;50, Deduct</i>	-8.69	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0003 CY Hardwood Bark Nugget Mulch .....	44.27	
<i>For &gt;5 To 20, Deduct</i>	-3.83	
<i>For &gt;20 To 50, Deduct</i>	-5.44	
<i>For &gt;50, Deduct</i>	-8.67	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0004 CY Pine Wood Chip Mulch .....	43.27	
<i>For &gt;5 To 20, Deduct</i>	-3.78	
<i>For &gt;20 To 50, Deduct</i>	-5.39	
<i>For &gt;50, Deduct</i>	-8.62	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0005 CY Hardwood Chip Mulch .....	46.27	
<i>For &gt;5 To 20, Deduct</i>	-3.93	
<i>For &gt;20 To 50, Deduct</i>	-5.54	
<i>For &gt;50, Deduct</i>	-8.77	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0006 CY Shredded Hardwood Mulch .....	45.27	
<i>For &gt;5 To 20, Deduct</i>	-3.88	
<i>For &gt;20 To 50, Deduct</i>	-5.49	
<i>For &gt;50, Deduct</i>	-8.72	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0007 CY Shredded Pine Mulch .....	40.77	
<i>For &gt;5 To 20, Deduct</i>	-3.65	
<i>For &gt;20 To 50, Deduct</i>	-5.27	
<i>For &gt;50, Deduct</i>	-8.49	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0008 CY Shredded Cedar Mulch .....	50.52	
<i>For &gt;5 To 20, Deduct</i>	-4.14	
<i>For &gt;20 To 50, Deduct</i>	-5.75	
<i>For &gt;50, Deduct</i>	-8.98	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0009 CY Shredded Cypress Mulch.....	49.77	
<i>For &gt;5 To 20, Deduct</i>	-4.10	
<i>For &gt;20 To 50, Deduct</i>	-5.72	
<i>For &gt;50, Deduct</i>	-8.94	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91 13 16-0010 CY Shredded Redwood Mulch.....	51.77	
<i>For &gt;5 To 20, Deduct</i>	-4.20	
<i>For &gt;20 To 50, Deduct</i>	-5.82	
<i>For &gt;50, Deduct</i>	-9.04	
<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	

**32 Exterior Improvements****32 90 Planting****32 91 Planting Preparation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91	13 16-0011	CY	Pea Gravel Mulch .....	66.37	
			<i>For &gt;5 To 20, Deduct</i>	-4.93	
			<i>For &gt;20 To 50, Deduct</i>	-6.55	
			<i>For &gt;50, Deduct</i>	-9.77	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91	13 16-0012	CY	Chunk Recycled Tire Mulch .....	76.08	
			<i>For &gt;5 To 20, Deduct</i>	-5.86	
			<i>For &gt;20 To 50, Deduct</i>	-7.91	
			<i>For &gt;50, Deduct</i>	-12.02	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	8.22	
32 91	13 16-0013	CY	Chunk Colored Recycled Tire Mulch .....	110.58	
			<i>For &gt;5 To 20, Deduct</i>	-7.58	
			<i>For &gt;20 To 50, Deduct</i>	-9.64	
			<i>For &gt;50, Deduct</i>	-13.75	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	8.22	
32 91	13 16-0014	CY	Shredded Recycled Tire Mulch .....	111.08	
			<i>For &gt;5 To 20, Deduct</i>	-7.61	
			<i>For &gt;20 To 50, Deduct</i>	-9.66	
			<i>For &gt;50, Deduct</i>	-13.77	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	8.22	
32 91	13 16-0015	CY	Shredded Colored Recycled Tire Mulch .....	180.08	
			<i>For &gt;5 To 20, Deduct</i>	-11.06	
			<i>For &gt;20 To 50, Deduct</i>	-13.11	
			<i>For &gt;50, Deduct</i>	-17.22	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	8.22	
32 91	13 16-0016	EA	Pine Straw Mulch Bale .....	3.54	
			Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.36	
			<i>For &gt;500, Deduct</i>	-0.44	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.36	
32 91	13 16-0017	EA	Wheat Straw Mulch Bale .....	3.40	
			Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.30	
			<i>For &gt;500, Deduct</i>	-0.41	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.27	
32 91	13 16-0018	CY	Stone/Gravel Mulch, Marble Chips .....	91.77	
			<i>For &gt;5 To 20, Deduct</i>	-6.20	
			<i>For &gt;20 To 50, Deduct</i>	-7.82	
			<i>For &gt;50, Deduct</i>	-11.04	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
32 91	13 16-0019	CY	Stone Mulch, Decomposed Granite Chips .....	78.28	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	6.45	
<b>32 91 13 26</b>	<b>Planting Beds</b> <small>(32 91 13)</small>				
			Note: Not for use when installing trees and shrubs.		
<b>32 91 13 26-0001</b>	<b>Plant Bed Preparation</b> <small>(32 91 13 26)</small>				
			Note: Not for use when installing trees and shrubs.		
32 91	13 26-0002	SF	Prepare And Mix Plant Bed, Up To 8" Deep By Machine .....	0.51	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.10	
32 91	13 26-0003	SF	Prepare And Mix Plant Bed, 9" To 13" Deep By Machine .....	0.59	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.12	
32 91	13 26-0004	SF	Prepare And Mix Plant Bed, 14" To 18" Deep By Machine .....	0.69	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.14	
32 91	13 26-0005	SF	Prepare And Mix Plant Bed By Hand, Up To 8" Deep .....	2.25	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.45	
32 91	13 26-0006	SF	Prepare And Mix Plant Bed By Hand, 9" To 13" Deep .....	2.58	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.52	
32 91	13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep .....	3.04	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.61	
<b>32 91 13 26-0008</b>	<b>Planting Pit Preparation</b> <small>(32 91 13 26)</small>				
			Note: Not for use when installing trees and shrubs.		
32 91	13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil .....	38.93	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	7.79	
32 91	13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil .....	77.85	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	15.57	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Planting Preparation	32 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91	13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits. <i>For Work On Slopes &gt;2.5:1, Add</i>	6.42 1.28	
32 91	13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits. <i>For Work On Slopes &gt;2.5:1, Add</i>	8.35 1.67	
32 91	13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile <i>For Work On Slopes &gt;2.5:1, Add</i>	34.59 6.92	
32 91	13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix <i>For Work On Slopes &gt;2.5:1, Add</i>	57.79 5.19	
32 91	13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile <i>For Work On Slopes &gt;2.5:1, Add</i>	3.45 0.69	
32 91	13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix <i>For Work On Slopes &gt;2.5:1, Add</i>	34.70 0.58	
<b>32 91 13 26-0017 Weed Barrier (32 91 13 26)</b>					
32 91	13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier <i>For Work On Slopes &gt;2.5:1, Add</i>	1.14 0.06	
32 91	13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier <i>For Work On Slopes &gt;2.5:1, Add</i>	1.57 0.06	
32 91	13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier <i>For Work On Slopes &gt;2.5:1, Add</i>	1.76 0.06	
<b>32 91 13 33 Soil Conditioners (32 91 13)</b>					
<b>32 91 13 33-0001 Spread Soil Conditioners (32 91 13 33)</b>					
32 91	13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.22	
32 91	13 33-0003	MSF	Aluminum Sulfate 1 LB/SY, Tractor Spreader	22.12	
32 91	13 33-0004	SY	Fertilizer, 0.2 LB/SY, Push Spreader	0.03	
32 91	13 33-0005	MSF	Fertilizer, 0.2 LB/SY, Tractor Spread	4.80	
32 91	13 33-0006	MSF	Fertilizer, 18.36 LB/MSF, Truck Spread	2.54	
32 91	13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.05	
32 91	13 33-0008	MSF	Pelletized Lime, 1 LB/SY, Tractor Spreader	4.09	
32 91	13 33-0009	SY	Manure, 18 LB/SY, Push Spreader	1.30	
32 91	13 33-0010	MSF	Manure, 18 LB/SY, Tractor Spreader	142.02	
32 91	13 33-0011	SY	Perlite, 1" Deep, Push Spreader	2.02	
32 91	13 33-0012	MSF	Perlite, 1" Deep, Tractor Spreader	210.25	
32 91	13 33-0013	SY	Vermiculite, Push Spreader	1.87	
32 91	13 33-0014	MSF	Vermiculite, Tractor Spreader	205.38	
<b>32 91 13 36 Lawn Bed Preparation (32 91 13)</b>					
<b>32 91 13 36-0001 Lawn Bed Preparation (32 91 13 36)</b>					
32 91	13 36-0002	MSF	Rake Topsoil With Machine	39.77	
32 91	13 36-0003	MSF	Rake Topsoil By Hand	31.14	
32 91	13 36-0004	MSF	Screen Loam With Machine	48.47	
32 91	13 36-0005	MSF	Screen Loam By Hand	20.76	
32 91	13 36-0006	SY	Roll Topsoil With Machine	0.52	
32 91	13 36-0007	SY	Roll Topsoil By Hand	1.39	
32 91	13 36-0008	MSF	Remove Rocks And Debris With Machine	4.70	
32 91	13 36-0009	MSF	Root Raking And Loading, No Boulders <i>For &gt;45 to 225, Deduct</i> <i>For &gt;225, Deduct</i>	24.61 -17.23 -22.15	
32 91	13 36-0010	MSF	Root Raking And Loading, With Boulders <i>For &gt;45 to 225, Deduct</i> <i>For &gt;225, Deduct</i>	41.02 -28.71 -36.92	
32 91	13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	2.23	
32 91	13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor <i>For Work On Slopes &gt;2.5:1, Add</i>	4.51 0.90	
32 91	13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.33	
32 91	13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.40	
32 91	13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	0.50	
32 91	13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	0.56	
32 91	13 36-0017	MSF	Remove Rocks And Debris By Hand	14.54	
<b>32 91 13 36-0018 Sod Removal (32 91 13 36)</b>					
32 91	13 36-0019	SY	Remove Sod By Hand <i>For Work On Slopes &gt;2.5:1, Add</i>	2.62 0.52	
32 91	13 36-0020	SY	Remove Sod With Machine <i>For Work On Slopes &gt;2.5:1, Add</i>	0.30 0.06	
32 91	13 36-0021	SY	Pile Sod By Hand <i>For Work On Slopes &gt;2.5:1, Add</i>	1.56 0.31	
32 91	13 36-0022	SY	Pile Sod With Machine <i>For Work On Slopes &gt;2.5:1, Add</i>	0.56 0.11	
<b>32 91 19 Landscape Grading (32 91)</b>					
<b>32 91 19 13 Topsoil Placement And Grading (32 91 19)</b>					

**32 Exterior Improvements****32 90 Planting****32 91 Planting Preparation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 19 13-0001			<b>Remove And Stockpile Topsoil On Site</b> (32 91 19 13)		
32 91 19 13-0002	CY		Remove Topsoil, 4" Deep Stockpile On Site.....	2.52	
32 91 19 13-0003	CY		Remove Topsoil, 6" Deep Stockpile On Site.....	2.50	
32 91 19 13-0004			<b>Screening Topsoil</b> (32 91 19 13)		
32 91 19 13-0005	CY		Screen Topsoil With Vibrating Screen, Wet Material (Organic).....	5.76	
32 91 19 13-0006	CY		Screen Topsoil With Vibrating Screen, Dry Material.....	3.84	
32 91 19 13-0007	CY		Screen Topsoil With Vibrating Screen And Mix With Conditioners.....	1.39	
32 91 19 13-0008			<b>Spreading Topsoil From Stockpile</b> (32 91 19 13)		
32 91 19 13-0009	CY		Spread Topsoil By Machine From Stockpile.....	3.85	
32 91 19 13-0010	CY		Spread Topsoil By Hand From Stockpile.....	29.71	
32 91 19 13-0011			<b>Furnish And Place Imported Screened Topsoil</b> (32 91 19 13) Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0029 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.		
32 91 19 13-0012	SY		Furnish And Place Imported Screened Topsoil, 2" Deep.....	2.21	
			<i>For Unscreened, Deduct</i>	-0.33	
32 91 19 13-0013	SY		Furnish And Place Imported Screened Topsoil, 4" Deep.....	4.28	
			<i>For Unscreened, Deduct</i>	-0.67	
32 91 19 13-0014	SY		Furnish And Place Imported Screened Topsoil, 6" Deep.....	6.24	
			<i>For Unscreened, Deduct</i>	-1.00	
32 91 19 13-0015	SY		Furnish And Place Imported Screened Topsoil, 9" Deep.....	9.07	
			<i>For Unscreened, Deduct</i>	-1.50	
32 91 19 13-0016	SY		Furnish And Place Imported Screened Topsoil, 12" Deep.....	11.91	
			<i>For Unscreened, Deduct</i>	-2.00	
32 91 19 13-0017	CY		Furnish And Place Imported Screened Topsoil, Over 12" Deep.....	33.34	
			<i>For Unscreened, Deduct</i>	-6.00	
<b>32 91 19 16</b>			<b>Scarify Subsoil</b> (32 91 19)		
32 91 19 16-0001			<b>Scarify Subsoil For Planting Preparation</b> (32 91 19 16) Note: Ripped in multiple directions with 3" maximum clods.		
32 91 19 16-0002	MSF		Up To 5,000 SF Scarify Up To 8" Subsoil With Machine.....	30.03	
32 91 19 16-0003	MSF		>5,000 To 20,000 SF Scarify Up To 8" Subsoil With Machine.....	21.01	
32 91 19 16-0004	MSF		>20,000 SF Scarify Up To 8" Subsoil With Machine With Scarifier.....	12.42	
32 92			<b>Turf And Grasses</b> (32 90)		
<b>32 92 19</b>			<b>Seeding</b> (32 92)		
<b>32 92 19 13</b>			<b>Mechanical Seeding</b> (32 92 19) Note: Includes fertilizing, liming, mixing, seeding and initial watering.		
32 92 19 13-0001			<b>Hydro Or Air Mechanical Seeding</b> (32 92 19 13)		
32 92 19 13-0002	MSF		Common Bluegrass, Hydro Or Air Seeding.....	46.95	
			Note: 4 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	46.39	
			<i>For &gt;1 To 4, Add</i>	29.47	
			<i>For &gt;4 To 7.5, Add</i>	19.76	
			<i>For &gt;7.5 To 10, Add</i>	9.88	
			<i>For &gt;45, Deduct</i>	-3.60	
			<i>For Tackifier, Add</i>	0.71	
32 92 19 13-0003	MSF		Tall Fescue, Hydro Or Air Seeding.....	50.28	
			Note: 5.5 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	47.72	
			<i>For &gt;1 To 4, Add</i>	30.14	
			<i>For &gt;4 To 7.5, Add</i>	20.09	
			<i>For &gt;7.5 To 10, Add</i>	10.04	
			<i>For &gt;45, Deduct</i>	-3.77	
			<i>For Tackifier, Add</i>	0.71	
32 92 19 13-0004	MSF		Rye, Hydro Or Air Spread.....	47.09	
			Note: 10 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	46.45	
			<i>For &gt;1 To 4, Add</i>	29.50	
			<i>For &gt;4 To 7.5, Add</i>	19.77	
			<i>For &gt;7.5 To 10, Add</i>	9.88	
			<i>For &gt;45, Deduct</i>	-3.61	
			<i>For Tackifier, Add</i>	0.71	
32 92 19 13-0005	MSF		Crown Vetch Mix, Hydro Or Air Seeding.....	77.35	
			Note: 4 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	58.55	
			<i>For &gt;1 To 4, Add</i>	35.55	
			<i>For &gt;4 To 7.5, Add</i>	22.80	
			<i>For &gt;7.5 To 10, Add</i>	11.40	
			<i>For &gt;45, Deduct</i>	-5.12	
			<i>For Tackifier, Add</i>	0.71	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Turf And Grasses	32 92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0006	MSF		2,500 LB/Acre, High Performance - Flexible Growth Medium.....	62.34	
			Note: Applied with seed. Excludes seed.		
			For Spot Areas Up To 1, Add	38.74	
			For >1 To 4, Add	22.51	
			For >4 To 7.5, Add	13.76	
			For >7.5 To 10, Add	6.88	
			For >45, Deduct	-3.74	
32 92 19 13-0007	MSF		3,000 LB/Acre, High Performance - Flexible Growth Medium.....	72.93	
			Note: Applied with seed. Excludes seed.		
			For Spot Areas Up To 1, Add	43.67	
			For >1 To 4, Add	25.13	
			For >4 To 7.5, Add	15.20	
			For >7.5 To 10, Add	7.60	
			For >45, Deduct	-4.31	
32 92 19 13-0008	MSF		3,500 LB/Acre, High Performance - Flexible Growth Medium.....	83.55	
			Note: Applied with seed. Excludes seed.		
			For Spot Areas Up To 1, Add	48.64	
			For >1 To 4, Add	27.78	
			For >4 To 7.5, Add	16.66	
			For >7.5 To 10, Add	8.33	
			For >45, Deduct	-4.87	
32 92 19 13-0009	MSF		4,000 LB/Acre, High Performance - Flexible Growth Medium.....	94.19	
			Note: Applied with seed. Excludes seed.		
			For Spot Areas Up To 1, Add	53.66	
			For >1 To 4, Add	30.46	
			For >4 To 7.5, Add	18.14	
			For >7.5 To 10, Add	9.07	
			For >45, Deduct	-5.44	
32 92 19 13-0010	MSF		4,500 LB/Acre, High Performance - Flexible Growth Medium.....	104.88	
			Note: Applied with seed. Excludes seed.		
			For Spot Areas Up To 1, Add	58.74	
			For >1 To 4, Add	33.18	
			For >4 To 7.5, Add	19.64	
			For >7.5 To 10, Add	9.82	
			For >45, Deduct	-6.01	

**32 92 19 19 Seeding By Hand** (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering. Excludes straw. See CSI section 32 91 13 16-0017 for wheat straw mulch.

**32 92 19 19-0001 Push Spreader Or Hand Seeding** (32 92 19 19)

Note: Excludes straw.

32 92 19 19-0002	MSF		Common Bluegrass, Push Spreader Or Hand.....	52.03	
			Note: 4 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-3.57	
			For >20 To 45, Deduct	-6.82	
			For >45, Deduct	-11.04	
32 92 19 19-0003	MSF		Tall Fescue, Push Spreader Or Hand.....	46.52	
			Note: 5.5 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-3.30	
			For >20 To 45, Deduct	-6.41	
			For >45, Deduct	-10.49	
32 92 19 19-0004	MSF		Rye, Push Spreader Or Hand.....	46.91	
			Note: 10 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-3.32	
			For >20 To 45, Deduct	-6.44	
			For >45, Deduct	-10.53	
32 92 19 19-0005	MSF		Utility Mix, Push Spreader Or Hand.....	46.05	
			Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
			For > 5 To 20, Deduct	-3.28	
			For >20 To 45, Deduct	-6.37	
			For >45, Deduct	-10.44	
32 92 19 19-0006	MSF		Crown Vetch Mix, Push Spreader Or Hand.....	76.93	
			Note: 4 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-4.82	
			For >20 To 45, Deduct	-8.69	
			For >45, Deduct	-13.53	
32 92 19 19-0007	EA		Seed Minimum Charge (Including Mulch) Per Project Location.....	559.25	
			Note: For projects where the total seeding charge is less than the minimum charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.		
			For > 5 To 20, Deduct	-41.94	
			For >20 To 45, Deduct	-83.89	
			For >45, Deduct	-139.81	

**32 92 23 Sodding** (32 92)

Note: Includes raking preparation, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering.

**32 92 23 00-0001 Tall Fescue Sod** (32 92 23)

32 92 23 00-0002	MSF		Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground.....	731.46	
			For Hybrid Fescue "Marathon", Add	42.62	
32 92 23 00-0003	MSF		>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground.....	712.38	
			For Hybrid Fescue "Marathon", Add	42.62	
32 92 23 00-0004	MSF		>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	671.49	
			For Hybrid Fescue "Marathon", Add	42.62	

**32 Exterior Improvements****32 90 Planting****32 92 Turf And Grasses**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0005	MSF		>8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	655.14	
			<i>For Hybrid Fescue "Marathon", Add</i>	42.62	
32 92 23 00-0006	MSF		Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	884.12	
			<i>For Hybrid Fescue "Marathon", Add</i>	42.62	
32 92 23 00-0007	MSF		>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	842.49	
			<i>For Hybrid Fescue "Marathon", Add</i>	42.62	
32 92 23 00-0008	MSF		>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	761.25	
			<i>For Hybrid Fescue "Marathon", Add</i>	42.62	
32 92 23 00-0009	MSF		>8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	731.46	
			<i>For Hybrid Fescue "Marathon", Add</i>	42.62	
<b>32 92 23 00-0010 Kentucky Blue Grass Sod (32 92 23)</b>					
32 92 23 00-0011	MSF		Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	635.94	
32 92 23 00-0012	MSF		>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	616.86	
32 92 23 00-0013	MSF		>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	575.97	
32 92 23 00-0014	MSF		>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	559.62	
32 92 23 00-0015	MSF		Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	788.60	
32 92 23 00-0016	MSF		>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	746.97	
32 92 23 00-0017	MSF		>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	665.73	
32 92 23 00-0018	MSF		>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	635.94	
<b>32 93 Plants (32 90)</b>					
<b>32 93 13 Ground Covers (32 93)</b>					
Note: Materials only.					
<b>32 93 13 00-0001 Ground Covers (32 93 13)</b>					
32 93 13 00-0002	EA		1 Quart Baccharis Pilularis - Dwarf Coyote Bush.....	1.40	
32 93 13 00-0003	EA		1 Gallon Baccharis Pilularis - Dwarf Coyote Bush.....	2.43	
32 93 13 00-0004	EA		1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge.....	4.95	
32 93 13 00-0005	EA		1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge.....	6.45	
32 93 13 00-0006	EA		2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper.....	8.16	
32 93 13 00-0007	EA		1 Quart Waldsteinia ternata - Barren Strawberry.....	1.40	
32 93 13 00-0008	EA		1 Gallon Waldsteinia ternata - Barren Strawberry.....	3.36	
32 93 13 00-0009	EA		1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	4.58	
32 93 13 00-0010	EA		2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	8.69	
32 93 13 00-0011	EA		5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	15.32	
32 93 13 00-0012	EA		1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope.....	1.57	
32 93 13 00-0013	EA		1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	2.90	
32 93 13 00-0014	EA		5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	10.18	
32 93 13 00-0015	EA		1 Gallon Juniperus horizontalis "Wiltoni" - Blue Rug Juniper.....	3.80	
32 93 13 00-0016	EA		4" Pot Parthenocissus tricuspidata - Boston Ivy.....	2.34	
32 93 13 00-0017	EA		1 Gallon Parthenocissus tricuspidata - Boston Ivy.....	5.32	
32 93 13 00-0018	EA		5 Gallon Parthenocissus tricuspidata - Boston Ivy.....	14.57	
32 93 13 00-0019	EA		3 Gallon Bougainvillea spectabilis - Bougainvillea.....	4.90	
32 93 13 00-0020	EA		1 Quart Iberis sempervirens - Candytuft.....	1.40	
32 93 13 00-0021	EA		1 Gallon Iberis sempervirens - Candytuft.....	3.36	
32 93 13 00-0022	EA		1 Gallon Gelsemium sempervirens - Carolina Jessamine.....	3.36	
32 93 13 00-0023	EA		5 Gallon Gelsemium sempervirens - Carolina Jessamine.....	12.14	
32 93 13 00-0024	EA		3" Pot Ajuga reptans - Carpet Bugle.....	0.84	
32 93 13 00-0025	EA		1 Quart Ajuga reptans - Carpet Bugle.....	1.40	
32 93 13 00-0026	EA		1 Gallon Ajuga reptans - Carpet Bugle.....	3.36	
32 93 13 00-0027	EA		24 Plant Flat Ajuga reptans - Carpet Bugle.....	14.48	
32 93 13 00-0028	EA		1 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	3.36	
32 93 13 00-0029	EA		5 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	14.57	
32 93 13 00-0030	EA		1 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	4.39	
32 93 13 00-0031	EA		3 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	9.72	
32 93 13 00-0032	EA		5 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	14.57	
32 93 13 00-0033	EA		1 Gallon Ranunculaceae - Clematis Varieties.....	4.83	
32 93 13 00-0034	EA		2 Gallon Ranunculaceae - Clematis Varieties.....	8.93	
32 93 13 00-0035	EA		1 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	6.07	
32 93 13 00-0036	EA		2 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	11.40	
32 93 13 00-0037	EA		5 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	18.68	
32 93 13 00-0038	EA		4" Pot Lantana camera - Common Lantana.....	0.84	
32 93 13 00-0039	EA		1 Gallon Lantana camera - Common Lantana.....	2.43	
32 93 13 00-0040	EA		1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia.....	2.90	
32 93 13 00-0041	EA		5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia.....	9.53	
32 93 13 00-0042	EA		2 Quart Lysimachia nummularia - Creeping Jenny.....	1.40	
32 93 13 00-0043	EA		1 Gallon Lysimachia nummularia - Creeping Jenny.....	2.71	
32 93 13 00-0044	EA		2 Quart Liriope spicata - Creeping Lilytuft.....	2.43	
32 93 13 00-0045	EA		1 Gallon Liriope spicata - Creeping Lilytuft.....	4.39	
32 93 13 00-0046	EA		5 Gallon Liriope spicata - Creeping Lilytuft.....	9.25	
32 93 13 00-0047	EA		Bare Root Liriope spicata - Creeping Lilytuft.....	0.61	
32 93 13 00-0048	EA		3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	0.84	
32 93 13 00-0049	EA		1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	3.36	
32 93 13 00-0050	EA		2-1/4" Pot Securigera varia - Crown Vetch.....	0.56	
32 93 13 00-0051	EA		50 Plant Flat Securigera varia - Crown Vetch.....	18.96	
32 93 13 00-0052	EA		1 Quart Senecio cineraria - Dusty Miller.....	1.40	
32 93 13 00-0053	EA		1 Gallon Senecio cineraria - Dusty Miller.....	3.36	
32 93 13 00-0054	EA		2 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	11.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0055	EA	5	Gallon Aristolochia macrophylla - Dutchman's Pipe.....	21.39	
32 93 13 00-0056	EA	1	Gallon Ilex cornuta - Dwarf Holly .....	2.54	
32 93 13 00-0057	EA	3	Gallon Ilex cornuta - Dwarf Holly .....	5.44	
32 93 13 00-0058	EA	3	Gallon Rhapsiolepis umbellata 'Minor' - Dwarf Indian Hawthorn .....	5.44	
32 93 13 00-0059	EA	1	Gallon Tradescantia spathacea - Dwarf Oyster Plant .....	1.81	
32 93 13 00-0060	EA	2"	To 3" Pot Hedera helix - English Ivy .....	0.84	
32 93 13 00-0061	EA	12"	To 15" Runners Hedera helix - English Ivy .....	1.40	
32 93 13 00-0062	EA	1	Gallon Hedera helix - English Ivy .....	3.36	
32 93 13 00-0063	EA	50	Plant Flat Hedera helix - English Ivy .....	19.43	
32 93 13 00-0064	EA	4"	Pot Lavandula angustifolia - English Lavender.....	1.21	
32 93 13 00-0065	EA	1	Quart Lavandula angustifolia - English Lavender .....	2.34	
32 93 13 00-0066	EA	1	Gallon Lavandula angustifolia - English Lavender.....	3.83	
32 93 13 00-0067	EA	1	Gallon Euonymus fortunei 'Kewensis' - Wintercreeper .....	3.64	
32 93 13 00-0068	EA	2	Gallon Euonymus fortunei 'Kewensis' - Wintercreeper .....	7.29	
32 93 13 00-0069	EA	1	Quart Arundo donax - Giant Reed .....	4.48	
32 93 13 00-0070	EA	1	Gallon Arundo donax - Giant Reed.....	6.45	
32 93 13 00-0071	EA	1	Gallon Lonicera x heckrottii - Gold Flame Honeysuckle .....	3.83	
32 93 13 00-0072	EA	2	Gallon Lonicera x heckrottii - Gold Flame Honeysuckle .....	7.29	
32 93 13 00-0073	EA	1	Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass .....	4.95	
32 93 13 00-0074	EA	1	Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass .....	7.47	
32 93 13 00-0075	EA	3"	Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle.....	0.84	
32 93 13 00-0076	EA	1	Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle .....	3.83	
32 93 13 00-0077	EA	2	Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle .....	7.29	
32 93 13 00-0078	EA	1	Gallon Hardenbergia violacea - Happy Wanderer .....	3.36	
32 93 13 00-0079	EA	5	Gallon Hardenbergia violacea - Happy Wanderer .....	11.21	
32 93 13 00-0080	EA	3	Gallon Hibiscus, Assorted Colors .....	4.38	
32 93 13 00-0081	EA	1	Gallon Acorus gramineus - Japanese Sweet Flag .....	3.50	
32 93 13 00-0082	EA	1	Gallon Jasminum volubile - Wax Jasmine .....	1.76	
32 93 13 00-0083	EA	1	Gallon Jasminum volubile - Wax Jasmine .....	4.38	
32 93 13 00-0084	EA	1	Gallon Juniperus davurica 'Parsonii' - Parson's Juniper .....	2.20	
32 93 13 00-0085	EA	3	Gallon Juniperus davurica 'Parsonii' - Parson's Juniper .....	4.90	
32 93 13 00-0086	EA	1	Gallon Cissus antarctica - Kangaroo Vine .....	2.71	
32 93 13 00-0087	EA	5	Gallon Cissus antarctica - Kangaroo Vine .....	8.50	
32 93 13 00-0088	EA	1	Quart Stachys byzantina - Lamb's Ear.....	1.40	
32 93 13 00-0089	EA	1	Quart Stachys byzantina - Lamb's Ear.....	3.36	
32 93 13 00-0090	EA	1	Gallon Lantana spp. Various Colors .....	1.98	
32 93 13 00-0091	EA	1	Gallon Lantana sellowiana - Trailing Lantana .....	1.30	
32 93 13 00-0092	EA	1	Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	2.71	
32 93 13 00-0093	EA	5	Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	9.72	
32 93 13 00-0094	EA	1	Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum .....	1.98	
32 93 13 00-0095	EA	1	Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum .....	2.50	
32 93 13 00-0096	EA	3	Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum .....	4.00	
32 93 13 00-0097	EA	1	Quart Moss Phlox, Creeping Phlox.....	1.40	
32 93 13 00-0098	EA	1	Gallon Moss Phlox, Creeping Phlox .....	3.36	
32 93 13 00-0099	EA	1	Gallon Nephrolepis exaltata - Common Boston Fern.....	1.76	
32 93 13 00-0100	EA	4"	Pot Ophiopogon Japonicus - Mondo grass.....	0.84	
32 93 13 00-0101	EA	1	Gallon Ophiopogon Japonicus - Mondo grass .....	3.36	
32 93 13 00-0102	EA	5	Gallon Ophiopogon Japonicus - Mondo grass .....	7.75	
32 93 13 00-0103	EA	2"	To 3' High Oregon Holly-Grape.....	3.88	
32 93 13 00-0104	EA	1	Gallon Pachysandra terminalis - Pachysandra .....	5.06	
32 93 13 00-0105	EA	2-1/4"	Pot Vinca minor - Periwinkle.....	0.47	
32 93 13 00-0106	EA	4"	Pot Vinca minor - Periwinkle.....	1.40	
32 93 13 00-0107	EA		Bare Root Vinca minor - Periwinkle .....	0.47	
32 93 13 00-0108	EA	1	Quart Nepeta mussinii - Persian Catmint.....	1.40	
32 93 13 00-0109	EA	1	Gallon Nepeta mussinii - Persian Catmint .....	2.90	
32 93 13 00-0110	EA	1	Gallon Coprosma kirkii - Prostrate Coprosma.....	2.34	
32 93 13 00-0111	EA	5	Gallon Coprosma kirkii - Prostrate Coprosma.....	8.50	
32 93 13 00-0112	EA	1	Gallon Juniperus Horizontalis - Prostrate Juniper .....	3.83	
32 93 13 00-0113	EA	3	Gallon Juniperus Horizontalis - Prostrate Juniper .....	8.22	
32 93 13 00-0114	EA	5	Gallon Juniperus Horizontalis - Prostrate Juniper .....	12.14	
32 93 13 00-0115	EA	1	Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper .....	3.34	
32 93 13 00-0116	EA	1	Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper .....	8.64	
32 93 13 00-0117	EA	24	Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper .....	14.48	
32 93 13 00-0118	EA	1	Gallon Tradescantia spathacea - Rhoecol Discolor "Dwarf".....	1.76	
32 93 13 00-0119	EA	1	Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	1.96	
32 93 13 00-0120	EA	1	Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue .....	3.50	
32 93 13 00-0121	EA	2	Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue .....	5.47	
32 93 13 00-0122	EA	1	Gallon Hymenocallis latifolia - Spider Lily .....	2.17	
32 93 13 00-0123	EA	3	Gallon Hymenocallis latifolia - Spider Lily .....	5.80	
32 93 13 00-0124	EA	1	Quart Hypericum perforatum - St. John's Wort.....	1.40	
32 93 13 00-0125	EA	1	Gallon Hypericum perforatum - St. John's Wort.....	3.36	
32 93 13 00-0126	EA	5	Gallon Hypericum perforatum - St. John's Wort .....	8.69	
32 93 13 00-0127	EA	24"	To 30" High Viburnum awabuki - Sweet Viburnum.....	11.82	
32 93 13 00-0128	EA	1	Gallon Campsis radicans - Trumpet Creeper .....	5.14	
32 93 13 00-0129	EA	2	Gallon Campsis radicans - Trumpet Creeper.....	7.75	
32 93 13 00-0130	EA	5	Gallon Campsis radicans - Trumpet Creeper.....	18.68	
32 93 13 00-0131	EA	2-1/4"	Pot Vinca major - Variegated Greater Periwinkle .....	0.47	
32 93 13 00-0132	EA	4"	Pot Vinca major - Variegated Greater Periwinkle .....	1.40	
32 93 13 00-0133	EA		Bare Root Vinca major - Variegated Greater Periwinkle .....	0.47	
32 93 13 00-0134	EA	1	Quart Carex hachijoensis - Variegated Japanese Sedge .....	2.52	
32 93 13 00-0135	EA	1	Gallon Carex hachijoensis - Variegated Japanese Sedge.....	3.50	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93	13 00-0136	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge.....	5.47	
32 93	13 00-0137	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf.....	3.83	
32 93	13 00-0138	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena.....	1.77	
32 93	13 00-0139	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena.....	2.71	
32 93	13 00-0140	EA	48 Plant Flat Vinca minor - Lesser Periwinkle.....	16.65	
32 93	13 00-0141	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper.....	0.84	
32 93	13 00-0142	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper.....	4.39	
32 93	13 00-0143	EA	1 Gallon Jasminum polyanthum - Winter Jasmine.....	3.36	
32 93	13 00-0144	EA	2 Gallon Jasminum polyanthum - Winter Jasmine.....	6.73	
32 93	13 00-0145	EA	5 Gallon Jasminum polyanthum - Winter Jasmine.....	11.68	
32 93	13 00-0146	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose.....	2.71	
32 93	13 00-0147	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose.....	9.25	

**32 93 13 00-0148 Ornamental Grasses** (32 93 13)

32 93	13 00-0149	EA	1 Gallon Cortaderia selloana - Pampas Grass.....	4.48	
32 93	13 00-0150	EA	2 Gallon Cortaderia selloana - Pampas Grass.....	5.47	
32 93	13 00-0151	EA	3 Gallon Cortaderia selloana - Pampas Grass.....	6.45	
32 93	13 00-0152	EA	10 Gallon Cortaderia selloana - Pampas Grass.....	24.76	
32 93	13 00-0153	EA	1 Quart Imperata cylindrica - Japanese Blood Grass.....	2.76	
32 93	13 00-0154	EA	1 Gallon Imperata cylindrica - Japanese Blood Grass.....	3.97	
32 93	13 00-0155	EA	2 Gallon Imperata cylindrica - Japanese Blood Grass.....	5.47	
32 93	13 00-0156	EA	1 Quart Koeleria glauca - Blue Hair Grass.....	1.96	
32 93	13 00-0157	EA	1 Gallon Koeleria glauca - Blue Hair Grass.....	3.50	
32 93	13 00-0158	EA	3 Gallon Koeleria glauca - Blue Hair Grass.....	6.45	
32 93	13 00-0159	EA	1 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	5.47	
32 93	13 00-0160	EA	3 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	9.43	
32 93	13 00-0161	EA	5 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	12.42	
32 93	13 00-0162	EA	1 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	5.47	
32 93	13 00-0163	EA	3 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	9.43	
32 93	13 00-0164	EA	5 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	12.42	
32 93	13 00-0165	EA	1 Quart Pennisetum setaceum - Fountain Grass.....	2.20	
32 93	13 00-0166	EA	1 Gallon Pennisetum setaceum - Fountain Grass.....	3.50	
32 93	13 00-0167	EA	3 Gallon Pennisetum setaceum - Fountain Grass.....	6.45	
32 93	13 00-0168	EA	1 Gallon Saccharum ravennae - Ravenna Grass.....	4.48	
32 93	13 00-0169	EA	3 Gallon Saccharum ravennae - Ravenna Grass.....	6.45	
32 93	13 00-0170	EA	7 Gallon Saccharum ravennae - Ravenna Grass.....	12.42	
32 93	13 00-0171	EA	1 Gallon Spartina pectinata - Variegated Cord Grass.....	3.97	
32 93	13 00-0172	EA	2 Gallon Spartina pectinata - Variegated Cord Grass.....	6.45	
32 93	13 00-0173	EA	1 Quart Stipa gigantea - Giant Feather Grass.....	4.95	
32 93	13 00-0174	EA	1 Gallon Stipa gigantea - Giant Feather Grass.....	7.47	

**32 93 23 Plants And Bulbs** (32 93 23)

Note: Materials only.

**32 93 23 00-0001 Perennials** (32 93 23)

32 93	23 00-0002	EA	2 Quart Assorted Daylilies.....	2.71	
32 93	23 00-0003	EA	1 Gallon Assorted Daylilies.....	3.83	
32 93	23 00-0004	EA	2 Gallon Assorted Daylilies.....	6.35	
32 93	23 00-0005	EA	1 Quart Azure Penstemon.....	1.40	
32 93	23 00-0006	EA	1 Gallon Azure Penstemon.....	3.50	
32 93	23 00-0007	EA	1 Quart Balloon Flower.....	1.40	
32 93	23 00-0008	EA	1 Gallon Balloon Flower.....	3.50	
32 93	23 00-0009	EA	1 Quart Black-eyed Susan.....	1.40	
32 93	23 00-0010	EA	1 Gallon Black-eyed Susan.....	3.50	
32 93	23 00-0011	EA	2 Gallon Black-eyed Susan.....	4.53	
32 93	23 00-0012	EA	1 Quart Blackberry Lily.....	1.40	
32 93	23 00-0013	EA	1 Gallon Blackberry Lily.....	3.50	
32 93	23 00-0014	EA	1 Quart Blank Flower.....	1.40	
32 93	23 00-0015	EA	1 Gallon Blank Flower.....	3.22	
32 93	23 00-0016	EA	2 Gallon Blank Flower.....	4.53	
32 93	23 00-0017	EA	1 Quart Blazing Star, Gayfeather.....	1.40	
32 93	23 00-0018	EA	1 Gallon Blazing Star, Gayfeather.....	3.50	
32 93	23 00-0019	EA	1 Quart Bloodred Geranium.....	2.38	
32 93	23 00-0020	EA	1 Gallon Bloodred Geranium.....	4.02	
32 93	23 00-0021	EA	1 Quart Blue Plumbago.....	1.40	
32 93	23 00-0022	EA	1 Gallon Blue Plumbago.....	3.50	
32 93	23 00-0023	EA	1 Quart Blue Star.....	2.52	
32 93	23 00-0024	EA	1 Gallon Blue Star.....	4.02	
32 93	23 00-0025	EA	1 Quart Cardinal Flower.....	1.40	
32 93	23 00-0026	EA	1 Gallon Cardinal Flower.....	3.50	
32 93	23 00-0027	EA	4" Pot Columbine.....	0.84	
32 93	23 00-0028	EA	1 Quart Columbine.....	1.40	
32 93	23 00-0029	EA	1 Gallon Columbine.....	3.50	
32 93	23 00-0030	EA	1 Quart Common Globeflower.....	1.40	
32 93	23 00-0031	EA	1 Gallon Common Globeflower.....	3.50	
32 93	23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink.....	1.40	
32 93	23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink.....	3.50	
32 93	23 00-0034	EA	1 Gallon Astilbe 'Deutschland'.....	5.04	
32 93	23 00-0035	EA	1 Quart Diploid.....	1.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0036 EA 1 Gallon Diploid .....	4.02	
32 93 23 00-0037 EA 3 Gallon Diploid .....	6.91	
32 93 23 00-0038 EA 4" Pot Dune Sunflower.....	2.00	
32 93 23 00-0039 EA 1 Quart Evans Begonia.....	2.52	
32 93 23 00-0040 EA 1 Gallon Evans Begonia .....	4.53	
32 93 23 00-0041 EA 1 Quart False Dragonhead.....	1.40	
32 93 23 00-0042 EA 1 Gallon False Dragonhead.....	3.50	
32 93 23 00-0043 EA 1 Quart False Spirea.....	1.40	
32 93 23 00-0044 EA 1 Gallon False Spirea .....	4.53	
32 93 23 00-0045 EA 3 Gallon False Spirea .....	6.26	
32 93 23 00-0046 EA 2 Quart False Sunflower .....	2.24	
32 93 23 00-0047 EA 1 Gallon False Sunflower.....	3.50	
32 93 23 00-0048 EA 2 Gallon False Sunflower.....	4.53	
32 93 23 00-0049 EA 1 Gallon Foxglove.....	3.22	
32 93 23 00-0050 EA 2 Gallon Foxglove.....	4.53	
32 93 23 00-0051 EA 3 Gallon Foxglove.....	6.54	
32 93 23 00-0052 EA 1 Gallon Francee Hostas .....	5.67	
32 93 23 00-0053 EA 1 Quart Garden Phlox .....	1.40	
32 93 23 00-0054 EA 1 Gallon Garden Phlox .....	3.50	
32 93 23 00-0055 EA 2 Quart Golden Groundsel.....	2.99	
32 93 23 00-0056 EA 2 Gallon Golden Groundsel .....	6.03	
32 93 23 00-0057 EA 1 Quart Golden Star.....	1.40	
32 93 23 00-0058 EA 1 Gallon Golden Star .....	3.50	
32 93 23 00-0059 EA 1 Quart Goldenrod .....	1.40	
32 93 23 00-0060 EA 1 Gallon Goldenrod.....	3.50	
32 93 23 00-0061 EA 1 Gallon Happy Returns Daylilies .....	6.52	
32 93 23 00-0062 EA 4" Pot Hardy Aster, Michaelmas Daisy .....	0.84	
32 93 23 00-0063 EA 1 Quart Hardy Aster, Michaelmas Daisy.....	1.40	
32 93 23 00-0064 EA 1 Gallon Hardy Aster, Michaelmas Daisy .....	3.50	
32 93 23 00-0065 EA 1 Quart Hardy Chrysanthemum .....	1.22	
32 93 23 00-0066 EA 6" To 8" Pot Hardy Chrysanthemum.....	2.01	
32 93 23 00-0067 EA 1 Gallon Hardy Chrysanthemum.....	3.22	
32 93 23 00-0068 EA 1 Gallon Herbaceous Peony .....	5.00	
32 93 23 00-0069 EA 2 Gallon Herbaceous Peony .....	7.99	
32 93 23 00-0070 EA 3 Gallon Herbaceous Peony .....	10.51	
32 93 23 00-0071 EA 4" Pot Japanese Anemone .....	0.84	
32 93 23 00-0072 EA 1 Quart Japanese Anemone.....	2.52	
32 93 23 00-0073 EA 2 Gallon Japanese Anemone.....	4.53	
32 93 23 00-0074 EA 2" Pot Japanese Spurge .....	0.50	
32 93 23 00-0075 EA 6" Pot Japanese Spurge .....	0.75	
32 93 23 00-0076 EA 1 Gallon Japanese Spurge .....	3.22	
32 93 23 00-0077 EA 1 Quart Oriental Poppy .....	2.01	
32 93 23 00-0078 EA 1 Gallon Oriental Poppy.....	4.02	
32 93 23 00-0079 EA 48 Plant Flat Pachysandra terminalis .....	16.65	
32 93 23 00-0080 EA 1 Gallon Pacific Coast Iris.....	2.76	
32 93 23 00-0081 EA 3 Gallon Pacific Coast Iris.....	5.23	
32 93 23 00-0082 EA 1 Gallon Palace Purple Coral Bells.....	5.30	
32 93 23 00-0083 EA 4" Pot Perennial Salvia .....	0.84	
32 93 23 00-0084 EA 1 Quart Perennial Salvia.....	1.40	
32 93 23 00-0085 EA 1 Gallon Perennial Salvia.....	3.50	
32 93 23 00-0086 EA 1 Quart Pincushion Flower.....	1.40	
32 93 23 00-0087 EA 1 Gallon Pincushion Flower .....	3.50	
32 93 23 00-0088 EA 2 Quart Plantain Lily .....	2.71	
32 93 23 00-0089 EA 1 Gallon Plantain Lily.....	3.83	
32 93 23 00-0090 EA 2 Gallon Plantain Lily .....	6.35	
32 93 23 00-0091 EA 3 Gallon Plantain Lily .....	12.00	
32 93 23 00-0092 EA 2 Quart Purple Coneflower .....	2.52	
32 93 23 00-0093 EA 1 Gallon Purple Coneflower .....	3.50	
32 93 23 00-0094 EA 2 Gallon Purple Coneflower .....	4.53	
32 93 23 00-0095 EA 1 Quart Purple Loosestrife.....	1.40	
32 93 23 00-0096 EA 1 Gallon Purple Loosestrife.....	3.50	
32 93 23 00-0097 EA 1 Quart Rose Mallow .....	2.76	
32 93 23 00-0098 EA 2 Gallon Rose Mallow .....	5.00	
32 93 23 00-0099 EA 3 Gallon Rose Mallow .....	8.55	
32 93 23 00-0100 EA 1 Gallon Autumn Joy Sedum .....	5.34	
32 93 23 00-0101 EA 1 Quart Siberian Iris .....	2.38	
32 93 23 00-0102 EA 2 Gallon Siberian Iris .....	4.53	
32 93 23 00-0103 EA 3 Gallon Siberian Iris .....	6.26	
32 93 23 00-0104 EA 1 Quart Speedwell .....	1.40	
32 93 23 00-0105 EA 1 Gallon Speedwell.....	3.50	
32 93 23 00-0106 EA 1 Quart Tetraploid.....	3.50	
32 93 23 00-0107 EA 1 Gallon Tetraploid .....	6.54	
32 93 23 00-0108 EA 3 Gallon Tetraploid .....	8.92	
32 93 23 00-0109 EA 1 Quart Threadleaf Coreopsis.....	1.40	
32 93 23 00-0110 EA 1 Gallon Threadleaf Coreopsis .....	3.50	
32 93 23 00-0111 EA 1 Quart Torch Lily .....	1.40	
32 93 23 00-0112 EA 1 Quart Bluebeard .....	2.52	
32 93 23 00-0113 EA 1 Gallon Bluebeard.....	3.74	
32 93 23 00-0114 EA 2 Gallon Bluebeard .....	5.46	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 23 00-0115		Annuals <small>(32 93 23)</small>	
32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers .....	0.65
32 93 23 00-0117	EA	3" Pot Annual Flowers.....	0.88
32 93 23 00-0118	EA	4" Pot Annual Flowers.....	1.88
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers .....	2.50
32 93 23 00-0120	EA	6" Pot Annual Flowers.....	4.95
32 93 23 00-0121	EA	8" Pot Annual Flowers.....	8.25
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers.....	10.80
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers.....	12.25

32 93 23 00-0124		Bulbs <small>(32 93 23)</small>	
32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion .....	2.26
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion .....	0.13
32 93 23 00-0127	LOT	Lot Of 100 Top Size Crocus Hybrid .....	14.78
32 93 23 00-0128	LOT	Lot Of 100 Top Size Eranthis hyemalis - Winter Aconite .....	19.13
32 93 23 00-0129	LOT	Lot Of 100 Top Size Galanthus nivalis - Snowdrops.....	24.35
32 93 23 00-0130	LOT	Lot Of 100 Top Size Iris reticulata cvs - Dutch Iris .....	9.57
32 93 23 00-0131	LOT	Lot Of 100 Top Size Muscari armeniacum - Grape Hyacinth .....	11.30
32 93 23 00-0132	LOT	Lot Of 100 Top Size Muscari latifolium - Grape Hyacinth .....	13.04
32 93 23 00-0133	LOT	Lot Of 50 Narcissus 'Carlton' - Carlton Daffodil DNI .....	39.13
32 93 23 00-0134	LOT	Lot Of 50 Narcissus 'Dutch Master' - Dutch Master Daffodil DNI .....	18.70
32 93 23 00-0135	LOT	Lot Of 50 Narcissus 'February Gold' - February Gold Daffodil DNI .....	19.57
32 93 23 00-0136	LOT	Lot Of 50 Narcissus 'Ice Follies' - Ice Follies Daffodil DNI .....	19.57
32 93 23 00-0137	LOT	Lot Of 50 Narcissus 'Mount Hood' - Mount Hood Daffodil DNI.....	20.43
32 93 23 00-0138	LOT	Lot Of 50 Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI .....	21.74
32 93 23 00-0139	LOT	Lot Of 50 Narcissus 'Pipit' - Pipit Daffodil DNI.....	20.43
32 93 23 00-0140	LOT	Lot Of 50 Narcissus 'Salome' - Salome Daffodil DNI .....	19.13
32 93 23 00-0141	LOT	Lot Of 50 Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI .....	20.43
32 93 23 00-0142	LOT	Lot Of 50 Narcissus 'Thalia' - Thalia Daffodil DNI .....	20.43
32 93 23 00-0143	LOT	Lot Of 100 Top Size Scilla siberica - Siberian Squill .....	12.17
32 93 23 00-0144	LOT	Lot Of 60 Top Size Tulip 'Angelique' - Angelique Tulip.....	20.87
32 93 23 00-0145	LOT	Lot Of 60 Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip .....	15.65
32 93 23 00-0146	LOT	Lot Of 100 Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip.....	34.78
32 93 23 00-0147	LOT	Lot Of 100 Top Size Tulip 'Big Smile' - Big Smile Tulip.....	30.43
32 93 23 00-0148	LOT	Lot Of 100 Top Size Tulip 'Black Parrot' - Black Parrot Tulip .....	43.48
32 93 23 00-0149	LOT	Lot Of 100 Top Size Tulip 'Blue Heron' - Blue Heron Tulip .....	33.04
32 93 23 00-0150	LOT	Lot Of 100 Top Size Tulip 'Cardinal' - Cardinal Tulip .....	28.70
32 93 23 00-0151	LOT	Lot Of 100 Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip .....	32.17
32 93 23 00-0152	LOT	Lot Of 100 Top Size Tulip clusiana - Species Tulip.....	32.17
32 93 23 00-0153	LOT	Lot Of 60 Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip.....	19.30
32 93 23 00-0154	LOT	Lot Of 60 Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip .....	15.65
32 93 23 00-0155	LOT	Lot Of 60 Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip.....	15.13
32 93 23 00-0156	LOT	Lot Of 100 Top Size Tulip 'Halcro' - Halcro Tulip .....	26.09
32 93 23 00-0157	LOT	Lot Of 60 Top Size Tulip 'Ivory Floridale' - Ivory Floridale Tulip.....	26.09
32 93 23 00-0158	LOT	Lot Of 60 Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip.....	15.65
32 93 23 00-0159	LOT	Lot Of 100 Top Size Tulip 'Passionale' - Passionale Tulip .....	34.78
32 93 23 00-0160	LOT	Lot Of 60 Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip .....	22.43
32 93 23 00-0161	LOT	Lot Of 100 Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip.....	39.13
32 93 23 00-0162	LOT	Lot Of 100 Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip.....	31.30
32 93 23 00-0163	LOT	Lot Of 60 Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip.....	17.74
32 93 23 00-0164	LOT	Lot Of 60 Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip.....	19.30
32 93 23 00-0165	LOT	Lot Of 60 Top Size Tulip 'Princeps' - Princeps Tulip .....	19.30
32 93 23 00-0166	LOT	Lot Of 100 Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip.....	25.22
32 93 23 00-0167	LOT	Lot Of 100 Top Size Tulip saxatilis - Species Tulip .....	17.39
32 93 23 00-0168	LOT	Lot Of 100 Top Size Tulip 'Shirley' - Shirley Tulip.....	26.09
32 93 23 00-0169	LOT	Lot Of 100 Top Size Tulip 'Spring Green' - Spring Green Tulip .....	33.91
32 93 23 00-0170	LOT	Lot Of 60 Top Size Tulip 'White Emperor' - White Emperor Tulip .....	15.65

**32 93 33 Shrubs (32 93)**

Note: (cvs = cultivar) materials only.

32 93 33 00-0001		Shrubs <small>(32 93 33)</small>	
32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia.....	3.30
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia.....	6.72
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia.....	12.90
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye .....	56.52
32 93 33 00-0006	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye .....	82.61
32 93 33 00-0007	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye .....	92.17
32 93 33 00-0008	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye .....	116.52
32 93 33 00-0009	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye .....	129.57
32 93 33 00-0010	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye .....	26.09
32 93 33 00-0011	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye .....	34.78
32 93 33 00-0012	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye .....	43.48
32 93 33 00-0013	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	14.78
32 93 33 00-0014	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	17.39
32 93 33 00-0015	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	20.87
32 93 33 00-0016	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	24.35
32 93 33 00-0017	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	29.57
32 93 33 00-0018	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry .....	14.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0019	EA	42"	B&B Aronia melanocarpa & cvs - Black Chokeberry .....	15.22	
32 93 33 00-0020	EA	48"	B&B Aronia melanocarpa & cvs - Black Chokeberry .....	16.09	
32 93 33 00-0021	EA	60"	B&B Aronia melanocarpa & cvs - Black Chokeberry .....	18.26	
32 93 33 00-0022	EA	36"	B&B Aronia prunifolia - Purple-Fruited Chokeberry .....	14.57	
32 93 33 00-0023	EA	42"	B&B Aronia prunifolia - Purple-Fruited Chokeberry .....	15.43	
32 93 33 00-0024	EA	48"	B&B Aronia prunifolia - Purple-Fruited Chokeberry .....	16.30	
32 93 33 00-0025	EA	60"	B&B Aronia prunifolia - Purple-Fruited Chokeberry .....	17.17	
32 93 33 00-0026	EA	1	Gallon Aspidistra elatior - Cast Iron Plant.....	2.99	
32 93 33 00-0027	EA	2	Gallon Aspidistra elatior - Cast Iron Plant.....	6.91	
32 93 33 00-0028	EA	1	Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	3.50	
32 93 33 00-0029	EA	3	Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	7.71	
32 93 33 00-0030	EA	5	Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	10.42	
32 93 33 00-0031	EA	1	Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	3.74	
32 93 33 00-0032	EA	2	Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	5.46	
32 93 33 00-0033	EA	15'	To 18" Berberis - Northern Bayberry .....	15.60	
32 93 33 00-0034	EA	2'	To 2-1/2' Berberis - Northern Bayberry .....	19.80	
32 93 33 00-0035	EA	2-1/2'	To 3' Berberis - Northern Bayberry .....	27.74	
32 93 33 00-0036	EA	18"	To 24" Berberis julianae - Dwarf Wintergreen Barberry.....	16.67	
32 93 33 00-0037	EA	2'	To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry.....	21.35	
32 93 33 00-0038	EA	2-1/2'	To 3' Berberis julianae - Dwarf Wintergreen Barberry.....	27.28	
32 93 33 00-0039	EA	1	Gallon Berberis thunbergii - Crimson Pygmy Barberry .....	4.48	
32 93 33 00-0040	EA	2	Gallon Berberis thunbergii - Crimson Pygmy Barberry .....	8.83	
32 93 33 00-0041	EA	3	Gallon Berberis thunbergii - Crimson Pygmy Barberry .....	10.79	
32 93 33 00-0042	EA	1	Gallon Berberis x mentorensis - Mentor Barberry.....	4.25	
32 93 33 00-0043	EA	5	Gallon Berberis x mentorensis - Mentor Barberry.....	12.00	
32 93 33 00-0044	EA	2'	To 3' Berberis x mentorensis - Mentor Barberry.....	16.67	
32 93 33 00-0045	EA	3'	To 4' Berberis x mentorensis - Mentor Barberry.....	25.74	
32 93 33 00-0046	EA	1	Gallon Buxus microphylla japonica - Japanese Boxwood.....	4.86	
32 93 33 00-0047	EA	5	Gallon Buxus microphylla japonica - Japanese Boxwood.....	13.03	
32 93 33 00-0048	EA	12"	To 15" Buxus microphylla japonica - Japanese Boxwood .....	13.87	
32 93 33 00-0049	EA	15"	To 18" Buxus microphylla japonica - Japanese Boxwood .....	17.84	
32 93 33 00-0050	EA	18"	To 24" Buxus microphylla japonica - Japanese Boxwood .....	23.77	
32 93 33 00-0051	EA	24"	To 30" Buxus microphylla japonica - Japanese Boxwood .....	35.68	
32 93 33 00-0052	EA	30"	To 36" Buxus microphylla japonica - Japanese Boxwood .....	49.56	
32 93 33 00-0053	EA	12"	To 15" Buxus sempervirens - Common Boxwood .....	13.87	
32 93 33 00-0054	EA	15"	To 18" Buxus sempervirens - Common Boxwood .....	17.84	
32 93 33 00-0055	EA	18"	To 24" Buxus sempervirens - Common Boxwood .....	23.77	
32 93 33 00-0056	EA	24"	To 30" Buxus sempervirens - Common Boxwood .....	35.68	
32 93 33 00-0057	EA	2	Gallon Buxus Hybrid - Boxwood Cultivars .....	9.13	
32 93 33 00-0058	EA	5	Gallon Buxus Hybrid - Boxwood Cultivars .....	15.22	
32 93 33 00-0059	EA	5	Gallon Buxus microphylla & cvs - Little leaf Boxwood .....	40.00	
32 93 33 00-0060	EA	18"	B&B Buxus microphylla & cvs - Little leaf Boxwood .....	21.74	
32 93 33 00-0061	EA	24"	B&B Buxus microphylla & cvs - Little leaf Boxwood .....	29.57	
32 93 33 00-0062	EA	30"	B&B Buxus microphylla & cvs - Little leaf Boxwood .....	40.00	
32 93 33 00-0063	EA	5	Gallon Calycanthus floridus - Common Sweetshrub.....	14.35	
32 93 33 00-0064	EA	30"	B&B Calycanthus floridus - Common Sweetshrub.....	13.04	
32 93 33 00-0065	EA	36"	B&B Calycanthus floridus - Common Sweetshrub.....	17.39	
32 93 33 00-0066	EA	1	Gallon Camellia "Sasanqua" - Camellia.....	3.50	
32 93 33 00-0067	EA	3	Gallon Camellia "Sasanqua" - Camellia.....	7.47	
32 93 33 00-0068	EA	5	Gallon Camellia "Sasanqua" - Camellia.....	12.42	
32 93 33 00-0069	EA	7	Gallon Camellia "Sasanqua" - Camellia.....	18.50	
32 93 33 00-0070	EA	15	Gallon Camellia "Sasanqua" - Camellia.....	48.00	
32 93 33 00-0071	EA	1	Gallon Camellia japonica - Camellia .....	3.50	
32 93 33 00-0072	EA	3	Gallon Camellia japonica - Camellia .....	7.47	
32 93 33 00-0073	EA	5	Gallon Camellia japonica - Camellia .....	12.42	
32 93 33 00-0074	EA	5	Gallon Ceanothus americanus - New Jersey Tea.....	14.35	
32 93 33 00-0075	EA	5	Gallon Celastrus scandens - Bittersweet .....	14.35	
32 93 33 00-0076	EA	36"	B&B Celastrus scandens - Bittersweet .....	12.17	
32 93 33 00-0077	EA	5	Gallon Cephalanthus occidentalis - Buttonbush .....	14.35	
32 93 33 00-0078	EA	24"	B&B Cephalanthus occidentalis - Buttonbush .....	10.87	
32 93 33 00-0079	EA	30"	B&B Cephalanthus occidentalis - Buttonbush .....	12.17	
32 93 33 00-0080	EA	36"	B&B Cephalanthus occidentalis - Buttonbush .....	13.04	
32 93 33 00-0081	EA	18"	To 24" Chaenomeles speciosa - Flowering Quince.....	12.52	
32 93 33 00-0082	EA	2'	To 3' Chaenomeles speciosa - Flowering Quince.....	16.67	
32 93 33 00-0083	EA	3'	To 4' Chaenomeles speciosa - Flowering Quince.....	25.74	
32 93 33 00-0084	EA	3	Gallon Clethra alnifolia & cvs - Summersweet Clethra .....	13.91	
32 93 33 00-0085	EA	18"	B&B Clethra alnifolia & cvs - Summersweet Clethra .....	15.00	
32 93 33 00-0086	EA	24"	B&B Clethra alnifolia & cvs - Summersweet Clethra .....	16.74	
32 93 33 00-0087	EA	30"	B&B Clethra alnifolia & cvs - Summersweet Clethra .....	17.61	
32 93 33 00-0088	EA	36"	B&B Clethra alnifolia & cvs - Summersweet Clethra .....	20.65	
32 93 33 00-0089	EA	2'	To 3' Cornus mas - Cornelian Cherry.....	19.80	
32 93 33 00-0090	EA	3'	To 4' Cornus mas - Cornelian Cherry.....	24.76	
32 93 33 00-0091	EA	4'	To 5' Cornus mas - Cornelian Cherry.....	31.72	
32 93 33 00-0092	EA	5'	To 6' Cornus mas - Cornelian Cherry.....	43.58	
32 93 33 00-0093	EA	5	Gallon Cornus alba & cvs - Tartarian Dogwood.....	13.04	
32 93 33 00-0094	EA	36"	B&B Cornus alba & cvs - Tartarian Dogwood.....	9.13	
32 93 33 00-0095	EA	48"	B&B Cornus alba & cvs - Tartarian Dogwood.....	10.43	
32 93 33 00-0096	EA	60"	B&B Cornus alba & cvs - Tartarian Dogwood.....	13.04	
32 93 33 00-0097	EA	72"	B&B Cornus alba & cvs - Tartarian Dogwood.....	15.65	
32 93 33 00-0098	EA	36"	B&B Cornus amomum - Silky Dogwood.....	13.04	
32 93 33 00-0099	EA	5	Gallon Cornus obliqua - Blue Fruited Dogwood.....	14.35	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 33 00-0100	EA	5 Gallon Cornus racemosa - Gray Dogwood	14.35	
32 93 33 00-0101	EA	36" B&B Cornus racemosa - Gray Dogwood	13.04	
32 93 33 00-0102	EA	48" B&B Cornus racemosa - Gray Dogwood	15.22	
32 93 33 00-0103	EA	60" B&B Cornus racemosa - Gray Dogwood	16.52	
32 93 33 00-0104	EA	72" B&B Cornus racemosa - Gray Dogwood	20.00	
32 93 33 00-0105	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	14.13	
32 93 33 00-0106	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	15.87	
32 93 33 00-0107	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	18.04	
32 93 33 00-0108	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood	11.30	
32 93 33 00-0109	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood	13.04	
32 93 33 00-0110	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood	13.91	
32 93 33 00-0111	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood	15.22	
32 93 33 00-0112	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood	16.96	
32 93 33 00-0113	EA	5 Gallon Corylus americana - American Filbert	13.48	
32 93 33 00-0114	EA	30" B&B Corylus americana - American Filbert	15.22	
32 93 33 00-0115	EA	36" B&B Corylus americana - American Filbert	16.30	
32 93 33 00-0116	EA	48" B&B Corylus americana - American Filbert	17.61	
32 93 33 00-0117	EA	24" B&B Corylus avellana - Contorted Hazelnut	43.48	
32 93 33 00-0118	EA	30" B&B Corylus avellana - Contorted Hazelnut	56.52	
32 93 33 00-0119	EA	36" B&B Corylus avellana - Contorted Hazelnut	60.87	
32 93 33 00-0120	EA	42" B&B Corylus avellana - Contorted Hazelnut	78.26	
32 93 33 00-0121	EA	48" B&B Corylus avellana - Contorted Hazelnut	95.65	
32 93 33 00-0122	EA	60" B&B Corylus avellana - Contorted Hazelnut	108.70	
32 93 33 00-0123	EA	5' To 6' Cotinus coggygria - Smoke Tree	41.62	
32 93 33 00-0124	EA	6' To 8' Cotinus coggygria - Smoke Tree	62.40	
32 93 33 00-0125	EA	8' To 10' Cotinus coggygria - Smoke Tree	94.12	
32 93 33 00-0126	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	10.87	
32 93 33 00-0127	EA	18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	10.87	
32 93 33 00-0128	EA	24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	11.30	
32 93 33 00-0129	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	10.42	
32 93 33 00-0130	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	11.30	
32 93 33 00-0131	EA	18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	10.87	
32 93 33 00-0132	EA	24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	11.30	
32 93 33 00-0133	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	4.48	
32 93 33 00-0134	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	13.87	
32 93 33 00-0135	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	18.73	
32 93 33 00-0136	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	31.71	
32 93 33 00-0137	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	4.48	
32 93 33 00-0138	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	8.83	
32 93 33 00-0139	EA	18" B&B Deutzia gracilis - Slender Deutzia	11.09	
32 93 33 00-0140	EA	24" B&B Deutzia gracilis - Slender Deutzia	12.17	
32 93 33 00-0141	EA	30" B&B Deutzia gracilis - Slender Deutzia	15.65	
32 93 33 00-0142	EA	36" B&B Deutzia gracilis - Slender Deutzia	18.26	
32 93 33 00-0143	EA	42" B&B Deutzia gracilis - Slender Deutzia	20.87	
32 93 33 00-0144	EA	24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	17.39	
32 93 33 00-0145	EA	30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	20.87	
32 93 33 00-0146	EA	36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	24.35	
32 93 33 00-0147	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	6.52	
32 93 33 00-0148	EA	36" B&B Diervilla splendens - Splendens Bush Honeysuckle	15.65	
32 93 33 00-0149	EA	48" B&B Diervilla splendens - Splendens Bush Honeysuckle	20.87	
32 93 33 00-0150	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	12.98	
32 93 33 00-0151	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	17.84	
32 93 33 00-0152	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	21.34	
32 93 33 00-0153	EA	3' To 4' Elaeagnus angustifolia - Russian Olive	20.78	
32 93 33 00-0154	EA	1 Gallon Euonymus - Gold Spot	3.74	
32 93 33 00-0155	EA	2 Gallon Euonymus - Gold Spot	7.85	
32 93 33 00-0156	EA	5 Gallon Euonymus - Gold Spot	10.79	
32 93 33 00-0157	EA	1 Gallon Euonymus alatus - Winged Euonymus	3.19	
32 93 33 00-0158	EA	3 Gallon Euonymus alatus - Winged Euonymus	9.20	
32 93 33 00-0159	EA	24" B&B Euonymus alatus - Winged Euonymus	12.40	
32 93 33 00-0160	EA	30" B&B Euonymus alatus - Winged Euonymus	15.50	
32 93 33 00-0161	EA	36" B&B Euonymus alatus - Winged Euonymus	21.30	
32 93 33 00-0162	EA	42" B&B Euonymus alatus - Winged Euonymus	26.30	
32 93 33 00-0163	EA	48" B&B Euonymus alatus - Winged Euonymus	31.00	
32 93 33 00-0164	EA	54" B&B Euonymus alatus - Winged Euonymus	40.00	
32 93 33 00-0165	EA	5 Gallon Euonymus alatus - Winged Euonymus	11.50	
32 93 33 00-0166	EA	60" B&B Euonymus alatus - Winged Euonymus	50.00	
32 93 33 00-0167	EA	30" B&B Euonymus alatus compactus - Compact Winged Euonymus	19.57	
32 93 33 00-0168	EA	36" B&B Euonymus alatus compactus - Compact Winged Euonymus	23.26	
32 93 33 00-0169	EA	42" B&B Euonymus alatus compactus - Compact Winged Euonymus	30.43	
32 93 33 00-0170	EA	48" B&B Euonymus alatus compactus - Compact Winged Euonymus	36.52	
32 93 33 00-0171	EA	60" B&B Euonymus alatus compactus - Compact Winged Euonymus	45.22	
32 93 33 00-0172	EA	18" To 24" Euonymus alatus - Winged Burning Bush	13.87	
32 93 33 00-0173	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	16.35	
32 93 33 00-0174	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	22.33	
32 93 33 00-0175	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	26.76	
32 93 33 00-0176	EA	3-1/2' To 4' Euonymus alatus - Winged Burning Bush	33.68	
32 93 33 00-0177	EA	4' To 5' Euonymus alatus - Winged Burning Bush	47.55	
32 93 33 00-0178	EA	5' To 6' Euonymus alatus - Winged Burning Bush	59.46	
32 93 33 00-0179	EA	6' To 8' Euonymus alatus - Winged Burning Bush	69.36	
32 93 33 00-0180	EA	15' To 18" Euonymus alatus - Dwarf Winged Burning Bush	13.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0181	EA	18"	To 24" Euonymus alatus - Dwarf Winged Burning Bush.....	15.83	
32 93 33 00-0182	EA	2'	To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush.....	19.34	
32 93 33 00-0183	EA	2-1/2'	To 3' Euonymus alatus - Dwarf Winged Burning Bush.....	27.28	
32 93 33 00-0184	EA	3'	To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush.....	32.23	
32 93 33 00-0185	EA	3-1/2'	To 4' Euonymus alatus - Dwarf Winged Burning Bush.....	38.63	
32 93 33 00-0186	EA	4'	To 5' Euonymus alatus - Dwarf Winged Burning Bush.....	54.51	
32 93 33 00-0187	EA	5'	To 6' Euonymus alatus - Dwarf Winged Burning Bush.....	64.41	
32 93 33 00-0188	EA	36"	B&B Euonymus atropurpurea - Eastern Wahoo.....	11.74	
32 93 33 00-0189	EA	1	Gallon Euonymus fortunei - Wintercreeper.....	4.48	
32 93 33 00-0190	EA	2	Gallon Euonymus fortunei - Wintercreeper.....	8.83	
32 93 33 00-0191	EA	3	Gallon Euonymus fortunei - Wintercreeper.....	10.79	
32 93 33 00-0192	EA	5	Gallon Euonymus fortunei - Wintercreeper.....	12.80	
32 93 33 00-0193	EA	2'	To 3' Forsythia - Korean Forsythia.....	9.90	
32 93 33 00-0194	EA	3'	To 4' Forsythia - Korean Forsythia.....	12.52	
32 93 33 00-0195	EA	4'	To 5' Forsythia - Korean Forsythia.....	15.60	
32 93 33 00-0196	EA	30"	B&B Forsythia cvs - Forsythia cultivars.....	10.00	
32 93 33 00-0197	EA	36"	B&B Forsythia cvs - Forsythia cultivars.....	11.09	
32 93 33 00-0198	EA	48"	B&B Forsythia cvs - Forsythia cultivars.....	11.96	
32 93 33 00-0199	EA	18"	B&B Forsythia viridissima & cvs - Green Forsythia.....	10.43	
32 93 33 00-0200	EA	24"	B&B Forsythia viridissima & cvs - Green Forsythia.....	13.91	
32 93 33 00-0201	EA	24"	B&B Forsythia x intermedia & cvs - Border Forsythia.....	10.43	
32 93 33 00-0202	EA	30"	B&B Forsythia x intermedia & cvs - Border Forsythia.....	12.17	
32 93 33 00-0203	EA	36"	B&B Forsythia x intermedia & cvs - Border Forsythia.....	14.35	
32 93 33 00-0204	EA	42"	B&B Forsythia x intermedia & cvs - Border Forsythia.....	16.52	
32 93 33 00-0205	EA	48"	B&B Forsythia x intermedia & cvs - Border Forsythia.....	19.13	
32 93 33 00-0206	EA	2	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	14.78	
32 93 33 00-0207	EA	3	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	20.65	
32 93 33 00-0208	EA	5	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	21.74	
32 93 33 00-0209	EA	15"	B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	22.61	
32 93 33 00-0210	EA	18"	B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	24.35	
32 93 33 00-0211	EA	24"	B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....	29.57	
32 93 33 00-0212	EA	24"	B&B Fothergilla major - Large Fothergilla.....	38.26	
32 93 33 00-0213	EA	30"	B&B Fothergilla major - Large Fothergilla.....	43.48	
32 93 33 00-0214	EA	1	Gallon Gardenia jasminoides - Cape Jasmine.....	3.22	
32 93 33 00-0215	EA	3	Gallon Gardenia jasminoides - Cape Jasmine.....	8.45	
32 93 33 00-0216	EA	5	Gallon Gardenia jasminoides - Cape Jasmine.....	10.79	
32 93 33 00-0217	EA	36"	B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	30.43	
32 93 33 00-0218	EA	48"	B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	49.57	
32 93 33 00-0219	EA	60"	B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	62.61	
32 93 33 00-0220	EA	72"	B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	95.65	
32 93 33 00-0221	EA	84"	B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....	108.70	
32 93 33 00-0222	EA	1	Gallon Hedychuium gartdnerum - Variegated Ginger.....	1.85	
32 93 33 00-0223	EA	3	Gallon Hedychuium gartdnerum - Variegated Ginger.....	6.50	
32 93 33 00-0224	EA	5	Gallon Hedychuium gartdnerum - Variegated Ginger.....	12.50	
32 93 33 00-0225	EA	1	Gallon Hibiscus rosa-sinensis - Hibiscus.....	4.74	
32 93 33 00-0226	EA	3	Gallon Hibiscus rosa-sinensis - Hibiscus.....	8.00	
32 93 33 00-0227	EA	5	Gallon Hibiscus rosa-sinensis - Hibiscus.....	12.10	
32 93 33 00-0228	EA	5	Gallon Hibiscus syriacus - Rose Of Sharon.....	12.52	
32 93 33 00-0229	EA	2'	To 3' Hibiscus syriacus - Rose Of Sharon.....	10.65	
32 93 33 00-0230	EA	3'	To 4' Hibiscus syriacus - Rose Of Sharon.....	14.39	
32 93 33 00-0231	EA	4'	To 5' Hibiscus syriacus - Rose Of Sharon.....	20.78	
32 93 33 00-0232	EA	5'	To 6' Hibiscus syriacus - Rose Of Sharon.....	28.73	
32 93 33 00-0233	EA	2	Gallon Hydrangea - Blue Hydrangea.....	8.83	
32 93 33 00-0234	EA	5	Gallon Hydrangea - Blue Hydrangea.....	12.42	
32 93 33 00-0235	EA	2'	To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	13.87	
32 93 33 00-0236	EA	3'	To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	15.83	
32 93 33 00-0237	EA	2	Gallon Hydrangea quercifolia - Oakleaf Hydrangea.....	8.83	
32 93 33 00-0238	EA	5	Gallon Hydrangea arborescens & cvs - Smooth Hydrangea.....	15.22	
32 93 33 00-0239	EA	30"	B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....	16.52	
32 93 33 00-0240	EA	36"	B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....	19.13	
32 93 33 00-0241	EA	4	Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	20.00	
32 93 33 00-0242	EA	18"	B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	15.65	
32 93 33 00-0243	EA	24"	B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....	20.87	
32 93 33 00-0244	EA	3	Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	9.13	
32 93 33 00-0245	EA	5	Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....	10.87	
32 93 33 00-0246	EA	18"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	9.35	
32 93 33 00-0247	EA	24"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	10.00	
32 93 33 00-0248	EA	30"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	11.30	
32 93 33 00-0249	EA	36"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	13.04	
32 93 33 00-0250	EA	48"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....	17.39	
32 93 33 00-0251	EA	18"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	12.61	
32 93 33 00-0252	EA	24"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	14.35	
32 93 33 00-0253	EA	30"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....	16.96	
32 93 33 00-0254	EA	2	Gallon Hypericum kalmianum - St. John's Wort.....	8.83	
32 93 33 00-0255	EA	3	Gallon Hypericum kalmianun - Kalm St. John's Wort.....	10.43	
32 93 33 00-0256	EA	24"	B&B Hypericum kalmianun - Kalm St. John's Wort.....	11.30	
32 93 33 00-0257	EA	1	Gallon Ilex "Carissa" - Holly.....	4.48	
32 93 33 00-0258	EA	2	Gallon Ilex "Carissa" - Holly.....	8.83	
32 93 33 00-0259	EA	5	Gallon Ilex "Carissa" - Holly.....	12.42	
32 93 33 00-0260	EA	18"	To 24" Ilex - Gulf tide Sweet Holly.....	11.91	
32 93 33 00-0261	EA	2'	To 2-1/2' Ilex - Gulf tide Sweet Holly.....	15.09	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 33 00-0262	EA	2-1/2' To 3' Ilex - Gulfside Sweet Holly	19.57
32 93 33 00-0263	EA	3' To 3-1/2' Ilex - Gulfside Sweet Holly	23.77
32 93 33 00-0264	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	8.90
32 93 33 00-0265	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	4.48
32 93 33 00-0266	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	8.83
32 93 33 00-0267	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	12.80
32 93 33 00-0268	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	4.48
32 93 33 00-0269	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	9.81
32 93 33 00-0270	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	12.80
32 93 33 00-0271	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	9.81
32 93 33 00-0272	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	11.82
32 93 33 00-0273	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	23.77
32 93 33 00-0274	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	31.71
32 93 33 00-0275	EA	2' To 3' Ilex opaca - American Holly	31.71
32 93 33 00-0276	EA	3' To 4' Ilex opaca - American Holly	52.50
32 93 33 00-0277	EA	4' To 5' Ilex opaca - American Holly	67.35
32 93 33 00-0278	EA	5' To 6' Ilex opaca - American Holly	81.22
32 93 33 00-0279	EA	6' To 7' Ilex opaca - American Holly	113.92
32 93 33 00-0280	EA	7' To 8' Ilex opaca - American Holly	158.53
32 93 33 00-0281	EA	8' To 10' Ilex opaca - American Holly	227.84
32 93 33 00-0282	EA	10' To 12' Ilex opaca - American Holly	346.76
32 93 33 00-0283	EA	12' To 14' Ilex opaca - American Holly	421.02
32 93 33 00-0284	EA	14' To 16' Ilex opaca - American Holly	520.09
32 93 33 00-0285	EA	2' To 3' Ilex verticillata - Winterberry (Female)	31.71
32 93 33 00-0286	EA	3' To 4' Ilex verticillata - Winterberry (Female)	41.62
32 93 33 00-0287	EA	2' To 3' Ilex verticillata - Winterberry (Male)	25.74
32 93 33 00-0288	EA	3' To 4' Ilex verticillata - Winterberry (Male)	35.68
32 93 33 00-0289	EA	4' To 5' Ilex verticillata - Winterberry (Male)	41.62
32 93 33 00-0290	EA	1 Gallon Ilex vomitoria - Yaupon Holly	4.20
32 93 33 00-0291	EA	3 Gallon Ilex vomitoria - Yaupon Holly	8.45
32 93 33 00-0292	EA	10 Gallon Ilex vomitoria - Yaupon Holly	29.71
32 93 33 00-0293	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	13.48
32 93 33 00-0294	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	15.22
32 93 33 00-0295	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	17.39
32 93 33 00-0296	EA	18" B&B Ilex meserveae & cvs - Blue Holly	16.09
32 93 33 00-0297	EA	24" B&B Ilex meserveae & cvs - Blue Holly	19.57
32 93 33 00-0298	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	14.35
32 93 33 00-0299	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	14.35
32 93 33 00-0300	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	15.22
32 93 33 00-0301	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	18.26
32 93 33 00-0302	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	20.43
32 93 33 00-0303	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	21.74
32 93 33 00-0304	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	27.83
32 93 33 00-0305	EA	4' To 5' Ilex x attenuata "Foster" - Holly	51.52
32 93 33 00-0306	EA	5' To 6' Ilex x attenuata "Foster" - Holly	68.33
32 93 33 00-0307	EA	6' To 7' Ilex x attenuata "Foster" - Holly	61.14
32 93 33 00-0308	EA	7' To 8' Ilex x attenuata "Foster" - Holly	118.87
32 93 33 00-0309	EA	1 Gallon Jasminum - Jasmine	1.15
32 93 33 00-0310	EA	3 Gallon Jasminum - Jasmine	4.50
32 93 33 00-0311	EA	3 Gallon Jasminum - Orange Jasmine	3.50
32 93 33 00-0312	EA	4' - 5' Jasminum - Orange Jasmine	40.00
32 93 33 00-0313	EA	6' - 7' Jasminum - Orange Jasmine	80.00
32 93 33 00-0314	EA	8' - 10' Jasminum - Orange Jasmine	108.00
32 93 33 00-0315	EA	3 Gallon Juniperus chinensis cvs - Chinese Juniper	15.22
32 93 33 00-0316	EA	5 Gallon Juniperus chinensis cvs - Chinese Juniper	16.96
32 93 33 00-0317	EA	18" B&B Juniperus chinensis cvs - Chinese Juniper	22.61
32 93 33 00-0318	EA	24" B&B Juniperus chinensis cvs - Chinese Juniper	29.57
32 93 33 00-0319	EA	30" B&B Juniperus chinensis cvs - Chinese Juniper	34.78
32 93 33 00-0320	EA	36" B&B Juniperus chinensis cvs - Chinese Juniper	46.96
32 93 33 00-0321	EA	48" B&B Juniperus chinensis cvs - Chinese Juniper	64.35
32 93 33 00-0322	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	7.25
32 93 33 00-0323	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	15.22
32 93 33 00-0324	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	16.96
32 93 33 00-0325	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	18.26
32 93 33 00-0326	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	20.00
32 93 33 00-0327	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	24.35
32 93 33 00-0328	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	29.57
32 93 33 00-0329	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	11.74
32 93 33 00-0330	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper	13.91
32 93 33 00-0331	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper	19.13
32 93 33 00-0332	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper	24.35
32 93 33 00-0333	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper	29.57
32 93 33 00-0334	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	10.87
32 93 33 00-0335	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	13.04
32 93 33 00-0336	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	11.30
32 93 33 00-0337	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	21.74
32 93 33 00-0338	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	33.91
32 93 33 00-0339	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	42.61
32 93 33 00-0340	EA	15" To 18" Kalmia latifolia - Mountain Laurel	17.84
32 93 33 00-0341	EA	18" To 24" Kalmia latifolia - Mountain Laurel	23.77
32 93 33 00-0342	EA	2' To 3' Kalmia latifolia - Mountain Laurel	34.66

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0343	EA			4' To 5' Kalmia latifolia - Mountain Laurel .....	63.38	
32 93 33 00-0344	EA			5' To 6' Kalmia latifolia - Mountain Laurel .....	97.10	
32 93 33 00-0345	EA			6' To 8' Kalmia latifolia - Mountain Laurel .....	148.62	
32 93 33 00-0346	EA			1 Gallon Kerria japonica - Kerria .....	3.97	
32 93 33 00-0347	EA			5 Gallon Kerria japonica - Kerria .....	12.42	
32 93 33 00-0348	EA			24" B&B Kolkwitzia amabilis & cvs - Beautybush .....	12.61	
32 93 33 00-0349	EA			30" B&B Kolkwitzia amabilis & cvs - Beautybush .....	14.35	
32 93 33 00-0350	EA			36" B&B Kolkwitzia amabilis & cvs - Beautybush .....	15.65	
32 93 33 00-0351	EA			42" B&B Kolkwitzia amabilis & cvs - Beautybush .....	18.26	
32 93 33 00-0352	EA			48" B&B Kolkwitzia amabilis & cvs - Beautybush .....	20.87	
32 93 33 00-0353	EA			60" B&B Kolkwitzia amabilis & cvs - Beautybush .....	26.09	
32 93 33 00-0354	EA			1 Gallon Lagerstroemia indica - Crepe Myrtle .....	2.99	
32 93 33 00-0355	EA			5 Gallon Lagerstroemia indica - Crepe Myrtle .....	10.65	
32 93 33 00-0356	EA			3' To 4' Lagerstroemia indica - Crepe Myrtle .....	14.85	
32 93 33 00-0357	EA			4' To 5' Lagerstroemia indica - Crepe Myrtle .....	21.81	
32 93 33 00-0358	EA			5' To 6' Lagerstroemia indica - Crepe Myrtle .....	34.66	
32 93 33 00-0359	EA			7' To 8' Lagerstroemia indica - Crepe Myrtle .....	45.00	
32 93 33 00-0360	EA			9' To 10' Lagerstroemia indica - Crepe Myrtle .....	60.00	
32 93 33 00-0361	EA			11' To 12' Lagerstroemia indica - Crepe Myrtle .....	125.00	
32 93 33 00-0362	EA			1 Gallon Leucothoe axillaris - Coast Leucothoe .....	4.48	
32 93 33 00-0363	EA			2 Gallon Leucothoe axillaris - Coast Leucothoe .....	9.81	
32 93 33 00-0364	EA			3 Gallon Leucothoe axillaris - Coast Leucothoe .....	11.82	
32 93 33 00-0365	EA			1 Gallon Ligustrum lucidum - Glossy Privet .....	2.76	
32 93 33 00-0366	EA			5 Gallon Ligustrum lucidum - Glossy Privet .....	8.45	
32 93 33 00-0367	EA			15 Gallon Ligustrum lucidum - Glossy Privet .....	39.61	
32 93 33 00-0368	EA			1 Gallon Ligustrum sinense - Variegated Chinese Privet .....	2.76	
32 93 33 00-0369	EA			2 Gallon Ligustrum sinense - Variegated Chinese Privet .....	5.93	
32 93 33 00-0370	EA			3 Gallon Ligustrum sinense - Variegated Chinese Privet .....	7.71	
32 93 33 00-0371	EA			36" B&B Ligustrum vulgare & cvs - Common Privet .....	13.04	
32 93 33 00-0372	EA			48" B&B Ligustrum vulgare & cvs - Common Privet .....	19.13	
32 93 33 00-0373	EA			60" B&B Ligustrum vulgare & cvs - Common Privet .....	24.35	
32 93 33 00-0374	EA			72" B&B Ligustrum vulgare & cvs - Common Privet .....	27.83	
32 93 33 00-0375	EA			5 Gallon Lindera benzoin - Spicebush .....	14.35	
32 93 33 00-0376	EA			36" B&B Lindera benzoin - Spicebush .....	12.17	
32 93 33 00-0377	EA			48" B&B Lindera benzoin - Spicebush .....	14.78	
32 93 33 00-0378	EA			2' To 3' Lonicera fragrantissima - Winter Honeysuckle .....	23.77	
32 93 33 00-0379	EA			3' To 4' Lonicera fragrantissima - Winter Honeysuckle .....	28.72	
32 93 33 00-0380	EA			30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle .....	13.04	
32 93 33 00-0381	EA			36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle .....	15.65	
32 93 33 00-0382	EA			42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle .....	17.39	
32 93 33 00-0383	EA			48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle .....	19.13	
32 93 33 00-0384	EA			1 Gallon Myrica cerifera - Wax Myrtle .....	2.50	
32 93 33 00-0385	EA			4 Gallon Myrica cerifera - Wax Myrtle .....	8.00	
32 93 33 00-0386	EA			7 Gallon Myrica cerifera - Wax Myrtle .....	17.50	
32 93 33 00-0387	EA			10 Gallon Myrica cerifera - Wax Myrtle .....	26.00	
32 93 33 00-0388	EA			15 Gallon Myrica cerifera - Wax Myrtle .....	40.00	
32 93 33 00-0389	EA			45 Gallon Myrica cerifera - Wax Myrtle .....	120.00	
32 93 33 00-0390	EA			1' - 2' Myrica cerifera - Wax Myrtle .....	3.50	
32 93 33 00-0391	EA			3' - 4' Myrica cerifera - Wax Myrtle .....	12.00	
32 93 33 00-0392	EA			5' - 6' Myrica cerifera - Wax Myrtle .....	22.00	
32 93 33 00-0393	EA			7' - 8' Myrica cerifera - Wax Myrtle .....	30.00	
32 93 33 00-0394	EA			9' - 10' Myrica cerifera - Wax Myrtle .....	40.00	
32 93 33 00-0395	EA			11' - 12' Myrica cerifera - Wax Myrtle .....	61.00	
32 93 33 00-0396	EA			3 Gallon Myrica pensylvanica - Northern Bayberry .....	13.04	
32 93 33 00-0397	EA			24" B&B Myrica pensylvanica - Northern Bayberry .....	21.30	
32 93 33 00-0398	EA			30" B&B Myrica pensylvanica - Northern Bayberry .....	31.30	
32 93 33 00-0399	EA			36" B&B Myrica pensylvanica - Northern Bayberry .....	37.39	
32 93 33 00-0400	EA			48" B&B Myrica pensylvanica - Northern Bayberry .....	39.13	
32 93 33 00-0401	EA			1 Gallon Nandina domestica - Heavenly Bamboo .....	4.48	
32 93 33 00-0402	EA			2 Gallon Nandina domestica - Heavenly Bamboo .....	9.81	
32 93 33 00-0403	EA			5 Gallon Nandina domestica - Heavenly Bamboo .....	14.85	
32 93 33 00-0404	EA			1 Gallon Osmanthus fragrans - Fragrant Tea Olive .....	2.76	
32 93 33 00-0405	EA			3 Gallon Osmanthus fragrans - Fragrant Tea Olive .....	7.47	
32 93 33 00-0406	EA			1 Gallon Philadelphus - Evergreen Mockorange .....	3.83	
32 93 33 00-0407	EA			5 Gallon Philadelphus - Evergreen Mockorange .....	12.42	
32 93 33 00-0408	EA			36" B&B Philadelphus x virginialis & cvs - Mockorange .....	13.04	
32 93 33 00-0409	EA			42" B&B Philadelphus x virginialis & cvs - Mockorange .....	15.22	
32 93 33 00-0410	EA			48" B&B Philadelphus x virginialis & cvs - Mockorange .....	17.39	
32 93 33 00-0411	EA			24" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark .....	13.04	
32 93 33 00-0412	EA			30" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark .....	15.22	
32 93 33 00-0413	EA			36" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark .....	17.39	
32 93 33 00-0414	EA			42" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark .....	21.74	
32 93 33 00-0415	EA			48" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark .....	26.09	
32 93 33 00-0416	EA			12" To 15" Spread Pieris - Mountain Andromeda .....	12.00	
32 93 33 00-0417	EA			15" To 18" Spread Pieris - Mountain Andromeda .....	25.74	
32 93 33 00-0418	EA			12" To 15" Pieris japonica - Japanese Andromeda .....	15.60	
32 93 33 00-0419	EA			15" To 18" Pieris japonica - Japanese Andromeda .....	17.84	
32 93 33 00-0420	EA			18" To 24" Pieris japonica - Japanese Andromeda .....	22.33	
32 93 33 00-0421	EA			2' To 2-1/2' Pieris japonica - Japanese Andromeda .....	31.71	
32 93 33 00-0422	EA			2-1/2' To 3' Pieris japonica - Japanese Andromeda .....	37.65	
32 93 33 00-0423	EA			24" B&B Pinus mugo & cvs - Mugo Pine .....	21.74	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 33 00-0424	EA	30" B&B Pinus mugo & cvs - Mugo Pine.....	27.83	
32 93 33 00-0425	EA	36" B&B Pinus mugo & cvs - Mugo Pine.....	33.48	
32 93 33 00-0426	EA	48" B&B Pinus mugo & cvs - Mugo Pine.....	43.04	
32 93 33 00-0427	EA	60" B&B Pinus mugo & cvs - Mugo Pine.....	51.74	
32 93 33 00-0428	EA	72" B&B Pinus mugo & cvs - Mugo Pine.....	75.65	
32 93 33 00-0429	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine .....	46.96	
32 93 33 00-0430	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine .....	56.52	
32 93 33 00-0431	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine .....	75.22	
32 93 33 00-0432	EA	1 Gallon Pittosporum - Pittosporum .....	1.65	
32 93 33 00-0433	EA	3 Gallon Pittosporum - Pittosporum .....	4.25	
32 93 33 00-0434	EA	1 Gallon Pittosporum - Varigated Pittosporum .....	1.65	
32 93 33 00-0435	EA	3 Gallon Pittosporum - Varigated Pittosporum .....	4.25	
32 93 33 00-0436	EA	5 Gallon Pittosporum - Varigated Pittosporum .....	7.45	
32 93 33 00-0437	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil .....	7.39	
32 93 33 00-0438	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil .....	10.43	
32 93 33 00-0439	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil .....	7.83	
32 93 33 00-0440	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil .....	8.70	
32 93 33 00-0441	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil .....	12.61	
32 93 33 00-0442	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil .....	14.57	
32 93 33 00-0443	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel .....	2.99	
32 93 33 00-0444	EA	3 Gallon Prunus caroliniana - Carolina Cherry Laurel .....	7.47	
32 93 33 00-0445	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel .....	44.56	
32 93 33 00-0446	EA	15" To 18" Prunus laurocerasus - Cherry Laurel.....	11.40	
32 93 33 00-0447	EA	18" To 24" Prunus laurocerasus - Cherry Laurel.....	14.11	
32 93 33 00-0448	EA	24" To 30" Prunus laurocerasus - Cherry Laurel.....	18.36	
32 93 33 00-0449	EA	15" To 18" Prunus triloba - Double White Flowering Almond .....	10.18	
32 93 33 00-0450	EA	18" To 24" Prunus triloba - Double White Flowering Almond .....	13.03	
32 93 33 00-0451	EA	3' To 4' Prunus triloba - Double White Flowering Almond .....	20.78	
32 93 33 00-0452	EA	4' To 6' Prunus triloba - Double White Flowering Almond .....	41.62	
32 93 33 00-0453	EA	5 Gallon Prunus triloba - Pink Flowering Almond.....	12.52	
32 93 33 00-0454	EA	18" To 24" Prunus triloba - Pink Flowering Almond .....	14.06	
32 93 33 00-0455	EA	2' To 3' Prunus triloba - Pink Flowering Almond.....	16.35	
32 93 33 00-0456	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry .....	11.12	
32 93 33 00-0457	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry .....	13.64	
32 93 33 00-0458	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry .....	16.35	
32 93 33 00-0459	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry .....	18.73	
32 93 33 00-0460	EA	1 Gallon Punica granatum - Dwarf Pomegranate .....	2.94	
32 93 33 00-0461	EA	3 Gallon Punica granatum - Dwarf Pomegranate .....	8.69	
32 93 33 00-0462	EA	7 Gallon Punica granatum - Dwarf Pomegranate .....	17.84	
32 93 33 00-0463	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	3.74	
32 93 33 00-0464	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	12.42	
32 93 33 00-0465	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	25.74	
32 93 33 00-0466	EA	1 Gallon Ralphialepis indica - Indian Hawthorne .....	2.99	
32 93 33 00-0467	EA	2 Gallon Ralphialepis indica - Indian Hawthorne .....	5.70	
32 93 33 00-0468	EA	5 Gallon Ralphialepis indica - Indian Hawthorne .....	10.14	
32 93 33 00-0469	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge.....	22.79	
32 93 33 00-0470	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge.....	31.25	
32 93 33 00-0471	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge.....	40.64	
32 93 33 00-0472	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge.....	74.31	
32 93 33 00-0473	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids .....	4.86	
32 93 33 00-0474	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids .....	9.81	
32 93 33 00-0475	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids .....	12.80	
32 93 33 00-0476	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids .....	14.85	
32 93 33 00-0477	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids.....	17.38	
32 93 33 00-0478	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids.....	21.81	
32 93 33 00-0479	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids.....	31.71	
32 93 33 00-0480	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids.....	44.56	
32 93 33 00-0481	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids .....	5.46	
32 93 33 00-0482	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids .....	9.81	
32 93 33 00-0483	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids .....	16.86	
32 93 33 00-0484	EA	18' To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	21.81	
32 93 33 00-0485	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	31.71	
32 93 33 00-0486	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	46.57	
32 93 33 00-0487	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	62.40	
32 93 33 00-0488	EA	5 Gallon Rhododendron - Boxleaf Azara .....	12.42	
32 93 33 00-0489	EA	15 Gallon Rhododendron - Boxleaf Azara .....	44.56	
32 93 33 00-0490	EA	15" To 18" Rhododendron - Carolina Rhododendron .....	14.06	
32 93 33 00-0491	EA	18" To 24" Rhododendron - Carolina Rhododendron .....	24.76	
32 93 33 00-0492	EA	24" To 30" Rhododendron - Carolina Rhododendron .....	36.67	
32 93 33 00-0493	EA	2' To 3' Rhododendron - Five-leafed Azalea .....	16.67	
32 93 33 00-0494	EA	3' To 4' Rhododendron - Five-leafed Azalea .....	21.81	
32 93 33 00-0495	EA	4' To 5' Rhododendron - Five-leafed Azalea .....	28.73	
32 93 33 00-0496	EA	15" To 18" Rhododendron - Ghent Azalea.....	16.67	
32 93 33 00-0497	EA	18" To 24" Rhododendron - Ghent Azalea.....	20.78	
32 93 33 00-0498	EA	2' To 3' Rhododendron - Ghent Azalea.....	33.68	
32 93 33 00-0499	EA	3' To 4' Rhododendron - Ghent Azalea.....	46.57	
32 93 33 00-0500	EA	4' To 5' Rhododendron - Ghent Azalea.....	62.40	
32 93 33 00-0501	EA	5' To 6' Rhododendron - Ghent Azalea.....	83.23	
32 93 33 00-0502	EA	1 Gallon Rhododendron - Hybrid Rhododendron .....	5.46	
32 93 33 00-0503	EA	2 Gallon Rhododendron - Hybrid Rhododendron .....	11.82	
32 93 33 00-0504	EA	3 Gallon Rhododendron - Hybrid Rhododendron .....	16.77	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0505	EA		5 Gallon Rhododendron - Hybrid Rhododendron.....	18.73	
32 93 33 00-0506	EA		15" To 18" Rhododendron - Hybrid Rhododendron.....	15.83	
32 93 33 00-0507	EA		18" To 24" Rhododendron - Hybrid Rhododendron.....	21.81	
32 93 33 00-0508	EA		24" To 30" Rhododendron - Hybrid Rhododendron.....	29.71	
32 93 33 00-0509	EA		30" To 36" Rhododendron - Hybrid Rhododendron.....	34.66	
32 93 33 00-0510	EA		36" To 42" Rhododendron - Hybrid Rhododendron.....	49.56	
32 93 33 00-0511	EA		42" To 48" Rhododendron - Hybrid Rhododendron.....	61.42	
32 93 33 00-0512	EA		15" To 18" Rhododendron - Pjm Rhododendron.....	17.84	
32 93 33 00-0513	EA		18" To 24" Rhododendron - Pjm Rhododendron.....	21.81	
32 93 33 00-0514	EA		2' To 2-1/2' Rhododendron - Pjm Rhododendron.....	31.71	
32 93 33 00-0515	EA		2-1/2 To 3' Rhododendron - Pjm Rhododendron.....	40.64	
32 93 33 00-0516	EA		3' To 3-1/2' Rhododendron - Pjm Rhododendron.....	49.56	
32 93 33 00-0517	EA		12" To 15" Rhododendron - Torch Azalea.....	13.87	
32 93 33 00-0518	EA		15" To 18" Rhododendron - Torch Azalea.....	16.67	
32 93 33 00-0519	EA		18" To 24" Rhododendron - Torch Azalea.....	20.78	
32 93 33 00-0520	EA		2' To 3' Rhododendron - Torch Azalea.....	34.66	
32 93 33 00-0521	EA		3 Gallon Rhododendron cvs - Lepidote Rhododendron.....	15.65	
32 93 33 00-0522	EA		5 Gallon Rhododendron cvs - Lepidote Rhododendron.....	19.13	
32 93 33 00-0523	EA		18" B&B Rhododendron cvs - Lepidote Rhododendron.....	23.48	
32 93 33 00-0524	EA		24" B&B Rhododendron cvs - Lepidote Rhododendron.....	29.57	
32 93 33 00-0525	EA		30" B&B Rhododendron cvs - Lepidote Rhododendron.....	34.78	
32 93 33 00-0526	EA		36" B&B Rhododendron cvs - Lepidote Rhododendron.....	41.74	
32 93 33 00-0527	EA		1 Gallon Rhus glabra - Dwarf Smooth Sumac.....	4.48	
32 93 33 00-0528	EA		5 Gallon Rhus glabra - Dwarf Smooth Sumac.....	12.42	
32 93 33 00-0529	EA		2 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	10.43	
32 93 33 00-0530	EA		5 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	14.35	
32 93 33 00-0531	EA		18" B&B Rhus aromatica & cvs - Fragrant Sumac.....	16.52	
32 93 33 00-0532	EA		24" B&B Rhus aromatica & cvs - Fragrant Sumac.....	21.74	
32 93 33 00-0533	EA		36" B&B Rhus glabra - Smooth Sumac.....	13.04	
32 93 33 00-0534	EA		48" B&B Rhus typhina & cvs - Staghorn Sumac.....	21.74	
32 93 33 00-0535	EA		72" B&B Rhus typhina & cvs - Staghorn Sumac.....	34.78	
32 93 33 00-0536	EA		15" B&B Ribes alpinum & cvs - Alpine Currant.....	11.74	
32 93 33 00-0537	EA		18" B&B Ribes alpinum & cvs - Alpine Currant.....	13.48	
32 93 33 00-0538	EA		24" B&B Ribes alpinum & cvs - Alpine Currant.....	19.57	
32 93 33 00-0539	EA		30" B&B Ribes alpinum & cvs - Alpine Currant.....	26.09	
32 93 33 00-0540	EA		1 Gallon Rosa hybrids & cvs - Shrub Rose.....	7.17	
32 93 33 00-0541	EA		2 Gallon Rosa hybrids & cvs - Shrub Rose.....	8.70	
32 93 33 00-0542	EA		3 Gallon Rosa hybrids & cvs - Shrub Rose.....	10.87	
32 93 33 00-0543	EA		2 Gallon Rosa rugosa & cvs - Rugosa Rose.....	7.83	
32 93 33 00-0544	EA		3 Gallon Rosa rugosa & cvs - Rugosa Rose.....	10.00	
32 93 33 00-0545	EA		5 Gallon Sambucus canadensis - American Elder.....	14.35	
32 93 33 00-0546	EA		2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	6.45	
32 93 33 00-0547	EA		3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	9.44	
32 93 33 00-0548	EA		1 Gallon Sarcococca humilis - Fragrant Sarcococca.....	3.50	
32 93 33 00-0549	EA		5 Gallon Sarcococca humilis - Fragrant Sarcococca.....	9.16	
32 93 33 00-0550	EA		1 Gallon Skimmia japonica - Japanese Skimmia.....	4.48	
32 93 33 00-0551	EA		2 Gallon Skimmia japonica - Japanese Skimmia.....	8.92	
32 93 33 00-0552	EA		5 Gallon Skimmia japonica - Japanese Skimmia.....	14.39	
32 93 33 00-0553	EA		3' To 4' Spiraea - Garland Spiraea.....	20.78	
32 93 33 00-0554	EA		4' To 5' Spiraea - Garland Spiraea.....	31.71	
32 93 33 00-0555	EA		5 Gallon Spiraea - Snowmound Spiraea.....	12.42	
32 93 33 00-0556	EA		18" To 24" Spiraea - Snowmound Spiraea.....	10.18	
32 93 33 00-0557	EA		2' To 3' Spiraea - Snowmound Spiraea.....	14.39	
32 93 33 00-0558	EA		3' To 4' Spiraea - Snowmound Spiraea.....	16.68	
32 93 33 00-0559	EA		4' To 5' Spiraea - Snowmound Spiraea.....	28.72	
32 93 33 00-0560	EA		1 Gallon Spiraea japonica & cvs - Japanese Spiraea.....	4.48	
32 93 33 00-0561	EA		2 Gallon Spiraea japonica & cvs - Japanese Spiraea.....	8.83	
32 93 33 00-0562	EA		3 Gallon Spiraea japonica & cvs - Japanese Spiraea.....	10.22	
32 93 33 00-0563	EA		5 Gallon Spiraea japonica & cvs - Japanese Spiraea.....	11.09	
32 93 33 00-0564	EA		18" B&B Spiraea japonica & cvs - Japanese Spiraea.....	11.30	
32 93 33 00-0565	EA		24" B&B Spiraea japonica & cvs - Japanese Spiraea.....	13.04	
32 93 33 00-0566	EA		30" B&B Spiraea japonica & cvs - Japanese Spiraea.....	14.78	
32 93 33 00-0567	EA		36" B&B Spiraea japonica & cvs - Japanese Spiraea.....	17.17	
32 93 33 00-0568	EA		2 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	6.96	
32 93 33 00-0569	EA		5 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	10.43	
32 93 33 00-0570	EA		18" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	9.57	
32 93 33 00-0571	EA		24" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	11.30	
32 93 33 00-0572	EA		30" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	13.04	
32 93 33 00-0573	EA		36" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	14.78	
32 93 33 00-0574	EA		48" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	19.13	
32 93 33 00-0575	EA		1 Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	4.48	
32 93 33 00-0576	EA		2 Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	8.04	
32 93 33 00-0577	EA		4 Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	10.43	
32 93 33 00-0578	EA		18" B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	9.13	
32 93 33 00-0579	EA		24" B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	11.09	
32 93 33 00-0580	EA		30" B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	13.04	
32 93 33 00-0581	EA		36" B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	14.78	
32 93 33 00-0582	EA		5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	10.43	
32 93 33 00-0583	EA		18" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	10.43	
32 93 33 00-0584	EA		24" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	12.17	
32 93 33 00-0585	EA		30" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	16.52	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 33 00-0586	EA	36" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	19.13
32 93 33 00-0587	EA	42" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	22.61
32 93 33 00-0588	EA	5 Gallon Staphylea trifolia - Bladdernut	14.68
32 93 33 00-0589	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	10.43
32 93 33 00-0590	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	11.30
32 93 33 00-0591	EA	24" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	13.04
32 93 33 00-0592	EA	30" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	15.65
32 93 33 00-0593	EA	2 Gallon Symphoricarpos albus - Common Snowberry	10.87
32 93 33 00-0594	EA	5 Gallon Symphoricarpos albus - Common Snowberry	11.52
32 93 33 00-0595	EA	24" B&B Syringa meyeri & cvs - Meyer Lilac	19.13
32 93 33 00-0596	EA	30" B&B Syringa meyeri & cvs - Meyer Lilac	23.91
32 93 33 00-0597	EA	36" B&B Syringa meyeri & cvs - Meyer Lilac	27.83
32 93 33 00-0598	EA	42" B&B Syringa meyeri & cvs - Meyer Lilac	32.17
32 93 33 00-0599	EA	18" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	19.13
32 93 33 00-0600	EA	24" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	20.87
32 93 33 00-0601	EA	30" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	23.91
32 93 33 00-0602	EA	36" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	27.83
32 93 33 00-0603	EA	42" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	32.17
32 93 33 00-0604	EA	60" B&B Syringa villosa & cvs - Late Lilac	15.22
32 93 33 00-0605	EA	72" B&B Syringa villosa & cvs - Late Lilac	16.52
32 93 33 00-0606	EA	36" B&B Syringa vulgaris & cvs - Common Lilac	13.04
32 93 33 00-0607	EA	42" B&B Syringa vulgaris & cvs - Common Lilac	14.78
32 93 33 00-0608	EA	48" B&B Syringa vulgaris & cvs - Common Lilac	16.52
32 93 33 00-0609	EA	60" B&B Syringa vulgaris & cvs - Common Lilac	19.13
32 93 33 00-0610	EA	72" B&B Syringa vulgaris & cvs - Common Lilac	23.48
32 93 33 00-0611	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	10.87
32 93 33 00-0612	EA	36" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	12.61
32 93 33 00-0613	EA	48" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	16.52
32 93 33 00-0614	EA	48" B&B Taxus cuspidata capitata - Capitata Japanese Yew	69.13
32 93 33 00-0615	EA	54" B&B Taxus cuspidata capitata - Capitata Japanese Yew	77.39
32 93 33 00-0616	EA	60" B&B Taxus cuspidata capitata - Capitata Japanese Yew	85.22
32 93 33 00-0617	EA	72" B&B Taxus cuspidata capitata - Capitata Japanese Yew	102.61
32 93 33 00-0618	EA	18" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	18.26
32 93 33 00-0619	EA	24" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	23.91
32 93 33 00-0620	EA	30" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	27.83
32 93 33 00-0621	EA	36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	30.43
32 93 33 00-0622	EA	15" B&B Taxus x media & cvs - Anglojap Yew	18.26
32 93 33 00-0623	EA	18" B&B Taxus x media & cvs - Anglojap Yew	23.91
32 93 33 00-0624	EA	24" B&B Taxus x media & cvs - Anglojap Yew	28.26
32 93 33 00-0625	EA	30" B&B Taxus x media & cvs - Anglojap Yew	33.48
32 93 33 00-0626	EA	36" B&B Taxus x media & cvs - Anglojap Yew	50.43
32 93 33 00-0627	EA	36" B&B Thuja occidentalis & cvs - Upright Arborvitae	27.83
32 93 33 00-0628	EA	48" B&B Thuja occidentalis & cvs - Upright Arborvitae	37.39
32 93 33 00-0629	EA	60" B&B Thuja occidentalis & cvs - Upright Arborvitae	56.52
32 93 33 00-0630	EA	72" B&B Thuja occidentalis & cvs - Upright Arborvitae	82.61
32 93 33 00-0631	EA	84" B&B Thuja occidentalis & cvs - Upright Arborvitae	94.78
32 93 33 00-0632	EA	96" B&B Thuja occidentalis & cvs - Upright Arborvitae	110.00
32 93 33 00-0633	EA	15" B&B Thuja occidentalis cvs - Dwarf Arborvitae	12.17
32 93 33 00-0634	EA	18" B&B Thuja occidentalis cvs - Dwarf Arborvitae	16.96
32 93 33 00-0635	EA	24" B&B Thuja occidentalis cvs - Dwarf Arborvitae	23.91
32 93 33 00-0636	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	20.78
32 93 33 00-0637	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	31.72
32 93 33 00-0638	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	41.62
32 93 33 00-0639	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	2.52
32 93 33 00-0640	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	6.91
32 93 33 00-0641	EA	5 Gallon Viburnum plicatum - Japanese Snowball	12.42
32 93 33 00-0642	EA	5' To 6' Viburnum plicatum - Japanese Snowball	46.57
32 93 33 00-0643	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	21.81
32 93 33 00-0644	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	25.74
32 93 33 00-0645	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	36.20
32 93 33 00-0646	EA	30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	23.91
32 93 33 00-0647	EA	36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	28.70
32 93 33 00-0648	EA	24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	21.74
32 93 33 00-0649	EA	30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	26.09
32 93 33 00-0650	EA	36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	30.43
32 93 33 00-0651	EA	42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	34.78
32 93 33 00-0652	EA	36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	12.17
32 93 33 00-0653	EA	42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	13.04
32 93 33 00-0654	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	15.22
32 93 33 00-0655	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	17.39
32 93 33 00-0656	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	19.13
32 93 33 00-0657	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	11.74
32 93 33 00-0658	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	13.04
32 93 33 00-0659	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	16.52
32 93 33 00-0660	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	19.13
32 93 33 00-0661	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	26.09
32 93 33 00-0662	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	31.30
32 93 33 00-0663	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	13.04
32 93 33 00-0664	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	17.39
32 93 33 00-0665	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	21.74
32 93 33 00-0666	EA	6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	30.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0667	EA	7'	B&B Viburnum lentago & cvs - Nannyberry Viburnum	43.48	
32 93 33 00-0668	EA	8'	B&B Viburnum lentago & cvs - Nannyberry Viburnum	60.87	
32 93 33 00-0669	EA	9'	B&B Viburnum lentago & cvs - Nannyberry Viburnum	78.26	
32 93 33 00-0670	EA	30"	B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	15.65	
32 93 33 00-0671	EA	36"	B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	17.39	
32 93 33 00-0672	EA	36"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	31.30	
32 93 33 00-0673	EA	48"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	47.83	
32 93 33 00-0674	EA	60"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	60.87	
32 93 33 00-0675	EA	72"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	73.91	
32 93 33 00-0676	EA	84"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	91.30	
32 93 33 00-0677	EA	96"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	108.70	
32 93 33 00-0678	EA	108"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	130.43	
32 93 33 00-0679	EA	120"	B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	152.17	
32 93 33 00-0680	EA	30"	B&B Viburnum sargentii & cvs - Sargent Viburnum	13.26	
32 93 33 00-0681	EA	36"	B&B Viburnum sargentii & cvs - Sargent Viburnum	14.57	
32 93 33 00-0682	EA	48"	B&B Viburnum sargentii & cvs - Sargent Viburnum	16.52	
32 93 33 00-0683	EA	60"	B&B Viburnum sargentii & cvs - Sargent Viburnum	19.13	
32 93 33 00-0684	EA	72"	B&B Viburnum sargentii & cvs - Sargent Viburnum	21.96	
32 93 33 00-0685	EA	18"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	12.61	
32 93 33 00-0686	EA	24"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	15.22	
32 93 33 00-0687	EA	30"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	18.26	
32 93 33 00-0688	EA	36"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	20.87	
32 93 33 00-0689	EA	42"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	25.22	
32 93 33 00-0690	EA	48"	B&B Viburnum trilobum & cvs - American Cranberry Viburnum	27.83	
32 93 33 00-0691	EA	30"	B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	21.74	
32 93 33 00-0692	EA	36"	B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	26.09	
32 93 33 00-0693	EA	42"	B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	30.43	
32 93 33 00-0694	EA	48"	B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	34.78	
32 93 33 00-0695	EA	60"	B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	39.13	
32 93 33 00-0696	EA	30"	B&B Viburnum x juddii & cvs - Judd Viburnum	27.83	
32 93 33 00-0697	EA	36"	B&B Viburnum x juddii & cvs - Judd Viburnum	31.30	
32 93 33 00-0698	EA	42"	B&B Viburnum x juddii & cvs - Judd Viburnum	35.65	
32 93 33 00-0699	EA	48"	B&B Viburnum x juddii & cvs - Judd Viburnum	40.87	
32 93 33 00-0700	EA	2' To 3'	Viburnum opulus "Roseum" - Fragrant Snowball	25.74	
32 93 33 00-0701	EA	3' To 4'	Viburnum opulus "Roseum" - Fragrant Snowball	31.71	
32 93 33 00-0702	EA	4' To 5'	Viburnum opulus "Roseum" - Fragrant Snowball	46.57	
32 93 33 00-0703	EA	5 Gallon	Weigela florida & cvs - Old Fashioned Weigela	14.35	
32 93 33 00-0704	EA	24"	B&B Weigela florida & cvs - Old Fashioned Weigela	13.04	
32 93 33 00-0705	EA	30"	B&B Weigela florida & cvs - Old Fashioned Weigela	14.78	
32 93 33 00-0706	EA	36"	B&B Weigela florida & cvs - Old Fashioned Weigela	16.52	
32 93 33 00-0707	EA	42"	B&B Weigela florida & cvs - Old Fashioned Weigela	19.13	
32 93 33 00-0708	EA	48"	B&B Weigela florida & cvs - Old Fashioned Weigela	21.74	
32 93 33 00-0709	EA	1 Gallon	Xylosma congestum - Shiny Xylosma	2.99	
32 93 33 00-0710	EA	5 Gallon	Xylosma congestum - Shiny Xylosma	8.45	
32 93 33 00-0711	EA	15 Gallon	Xylosma congestum - Shiny Xylosma	37.18	
32 93 33 00-0712	EA	1 Gallon	Yucca aloifolia - Spanish Bayonet	2.52	
32 93 33 00-0713	EA	3 Gallon	Yucca aloifolia - Spanish Bayonet	6.68	
32 93 33 00-0714	EA	1 Gallon	Yucca filamentosa - Adams Needle	3.50	
32 93 33 00-0715	EA	3 Gallon	Yucca filamentosa - Adams Needle	6.82	
32 93 33 00-0716	EA	5 Gallon	Yucca filamentosa - Adams Needle	10.79	
32 93 33 00-0717	EA	5 Gallon	Border Forsythia - Goldenbells	12.00	
32 93 33 00-0718	EA	2' To 3'	Border Forsythia - Goldenbells	9.90	
32 93 33 00-0719	EA	3' To 4'	Border Forsythia - Goldenbells	12.52	
32 93 33 00-0720	EA	4' To 5'	Border Forsythia - Goldenbells	15.60	
32 93 33 00-0721	EA	5' To 6'	Border Forsythia - Goldenbells	18.73	
32 93 33 00-0722	EA	6' To 8'	Border Forsythia - Goldenbells	25.74	
32 93 33 00-0723	EA	3'	Juniperus chinensis - Columnar Chinese Juniper	25.50	
32 93 33 00-0724	EA	4'	Juniperus chinensis - Columnar Chinese Juniper	35.00	
32 93 33 00-0725	EA	5'	Juniperus chinensis - Columnar Chinese Juniper	55.00	
32 93 33 00-0726	EA	6'	Juniperus chinensis - Columnar Chinese Juniper	64.00	
32 93 33 00-0727	EA	7'	Juniperus chinensis - Columnar Chinese Juniper	84.00	
32 93 33 00-0728	EA	2 Gallon	Chrysobalanus icaco - Cocoplum Red Tip	5.00	
32 93 33 00-0729	EA	3 Gallon	Chrysobalanus icaco - Cocoplum Red Tip	7.00	
32 93 33 00-0730	EA	5 Gallon	Chrysobalanus icaco - Cocoplum Red Tip	16.95	
32 93 33 00-0731	EA	2 Gallon	Chrysobalanus icaco - Cocoplum Green Tip	5.00	
32 93 33 00-0732	EA	3 Gallon	Chrysobalanus icaco - Cocoplum Green Tip	7.00	

**32 93 43 Trees (32 93)**

Note: (cvs = cultivar) materials only.

**32 93 43 00-0001 Ornamental Trees (32 93 43)**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6'	Clump Form Acer ginnala & cvs - Amur Maple	78.26	
32 93 43 00-0003	EA	7'	Clump Form Acer ginnala & cvs - Amur Maple	95.65	
32 93 43 00-0004	EA	8'	Clump Form Acer ginnala & cvs - Amur Maple	108.70	
32 93 43 00-0005	EA	10'	Clump Form Acer ginnala & cvs - Amur Maple	126.09	
32 93 43 00-0006	EA	12'	Clump Form Acer ginnala & cvs - Amur Maple	143.48	
32 93 43 00-0007	EA	14'	Clump Form Acer ginnala & cvs - Amur Maple	169.57	
32 93 43 00-0008	EA	1-1/2" To 2"	Caliper Acer griseum - Paperbark Maple	217.39	
32 93 43 00-0009	EA	2" To 2-1/2"	Caliper Acer griseum - Paperbark Maple	278.26	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0010	EA		2-1/2" To 3" Caliper Acer griseum - Paperbark Maple .....	347.83	
32 93 43 00-0011	EA		5' Clump Form Acer griseum - Paperbark Maple .....	69.57	
32 93 43 00-0012	EA		1-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	173.91	
32 93 43 00-0013	EA		2" Caliper Aesculus glabra - Ohio Buckeye .....	226.09	
32 93 43 00-0014	EA		2-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	260.87	
32 93 43 00-0015	EA		3" Caliper Aesculus glabra - Ohio Buckeye .....	295.65	
32 93 43 00-0016	EA		3-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	347.83	
32 93 43 00-0017	EA		36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	34.78	
32 93 43 00-0018	EA		48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	43.48	
32 93 43 00-0019	EA		60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	53.91	
32 93 43 00-0020	EA		60" B&B Amelanchier arborea & cvs - Downy Serviceberry .....	43.48	
32 93 43 00-0021	EA		72" B&B Amelanchier arborea & cvs - Downy Serviceberry .....	52.17	
32 93 43 00-0022	EA		7' B&B Amelanchier arborea & cvs - Downy Serviceberry .....	60.87	
32 93 43 00-0023	EA		8' B&B Amelanchier arborea & cvs - Downy Serviceberry .....	69.57	
32 93 43 00-0024	EA		5' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry .....	78.26	
32 93 43 00-0025	EA		6' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry .....	86.96	
32 93 43 00-0026	EA		7' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry .....	100.00	
32 93 43 00-0027	EA		8' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry .....	113.04	
32 93 43 00-0028	EA		9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry .....	130.43	
32 93 43 00-0029	EA		1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry .....	86.96	
32 93 43 00-0030	EA		2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry.....	121.74	
32 93 43 00-0031	EA		2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry .....	130.43	
32 93 43 00-0032	EA		3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry .....	152.17	
32 93 43 00-0033	EA		6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry .....	108.70	
32 93 43 00-0034	EA		7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry .....	130.43	
32 93 43 00-0035	EA		8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	152.17	
32 93 43 00-0036	EA		10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry .....	173.91	
32 93 43 00-0037	EA		12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry .....	195.65	
32 93 43 00-0038	EA		14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	217.39	
32 93 43 00-0039	EA		7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry .....	100.00	
32 93 43 00-0040	EA		8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry .....	117.39	
32 93 43 00-0041	EA		9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry .....	134.78	
32 93 43 00-0042	EA		10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry .....	147.83	
32 93 43 00-0043	EA		30" B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	34.78	
32 93 43 00-0044	EA		48" B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	73.91	
32 93 43 00-0045	EA		60" B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	95.65	
32 93 43 00-0046	EA		2' To 4' Amelanchier - Juneberry .....	10.59	
32 93 43 00-0047	EA		4' To 5' Amelanchier - Juneberry .....	11.11	
32 93 43 00-0048	EA		5' To 6' Amelanchier - Juneberry .....	13.22	
32 93 43 00-0049	EA		6' To 8' Amelanchier - Juneberry .....	15.78	
32 93 43 00-0050	EA		3' Clump Form Asimina triloba - Paw-Paw.....	60.87	
32 93 43 00-0051	EA		4' Clump Form Asimina triloba - Paw-Paw.....	69.57	
32 93 43 00-0052	EA		5' Clump Form Asimina triloba - Paw-Paw.....	95.65	
32 93 43 00-0053	EA		1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood.....	130.43	
32 93 43 00-0054	EA		2" Caliper Carpinus caroliniana - American Hornbeam Ironwood .....	152.17	
32 93 43 00-0055	EA		2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood.....	195.65	
32 93 43 00-0056	EA		5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	78.26	
32 93 43 00-0057	EA		6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	95.65	
32 93 43 00-0058	EA		7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	130.43	
32 93 43 00-0059	EA		8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	152.17	
32 93 43 00-0060	EA		10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	182.61	
32 93 43 00-0061	EA		12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	221.74	
32 93 43 00-0062	EA		14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	252.17	
32 93 43 00-0063	EA		6' Cercis - American Redbud.....	48.70	
32 93 43 00-0064	EA		8' Cercis - American Redbud.....	67.00	
32 93 43 00-0065	EA		2-1/2" Caliper Cercis - American Redbud .....	138.00	
32 93 43 00-0066	EA		3" Caliper Cercis - American Redbud .....	168.00	
32 93 43 00-0067	EA		15 Gallon Cercis canadensis & cvs - Eastern Redbud.....	42.51	
32 93 43 00-0068	EA		20 Gallon Cercis canadensis & cvs - Eastern Redbud.....	53.13	
32 93 43 00-0069	EA		6' Clump Form Cercis canadensis & cvs - Eastern Redbud.....	104.35	
32 93 43 00-0070	EA		7' Clump Form Cercis canadensis & cvs - Eastern Redbud.....	143.48	
32 93 43 00-0071	EA		8' Clump Form Cercis canadensis & cvs - Eastern Redbud.....	182.61	
32 93 43 00-0072	EA		1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud .....	100.00	
32 93 43 00-0073	EA		2" Caliper Cercis canadensis & cvs - Eastern Redbud .....	117.39	
32 93 43 00-0074	EA		5' To 6' Chaenomeles - Orange Quince.....	27.47	
32 93 43 00-0075	EA		6' To 8' Chaenomeles - Orange Quince.....	34.33	
32 93 43 00-0076	EA		5' Clump Form Chionanthus virginicus - White Fringetree .....	86.96	
32 93 43 00-0077	EA		6' Clump Form Chionanthus virginicus - White Fringetree .....	108.70	
32 93 43 00-0078	EA		7' Clump Form Chionanthus virginicus - White Fringetree .....	139.13	
32 93 43 00-0079	EA		4' To 5' Cornus - Pink Or Red Flowering Dogwood.....	31.39	
32 93 43 00-0080	EA		5' To 6' Cornus - Pink Or Red Flowering Dogwood.....	39.24	
32 93 43 00-0081	EA		6' To 7' Cornus - Pink Or Red Flowering Dogwood.....	54.93	
32 93 43 00-0082	EA		7' To 8' Cornus - Pink Or Red Flowering Dogwood.....	70.63	
32 93 43 00-0083	EA		4' To 5' Cornus - White Flowering Dogwood.....	20.93	
32 93 43 00-0084	EA		5' To 6' Cornus - White Flowering Dogwood.....	31.39	
32 93 43 00-0085	EA		6' To 7' Cornus - White Flowering Dogwood.....	43.94	
32 93 43 00-0086	EA		3' To 4' Cornus kousa - Japanese Dogwood .....	20.93	
32 93 43 00-0087	EA		4' To 5' Cornus kousa - Japanese Dogwood .....	24.06	
32 93 43 00-0088	EA		5' To 6' Cornus kousa - Japanese Dogwood .....	31.39	
32 93 43 00-0089	EA		6' To 8' Cornus kousa - Japanese Dogwood .....	46.04	
32 93 43 00-0090	EA		8' To 10' Cornus kousa - Japanese Dogwood .....	62.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0091	EA	1-1/2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood.....	100.00	
32 93 43 00-0092	EA	2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood.....	121.74	
32 93 43 00-0093	EA	4'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood.....	47.83	
32 93 43 00-0094	EA	5'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood.....	60.87	
32 93 43 00-0095	EA	6'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood.....	69.57	
32 93 43 00-0096	EA	7'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood.....	78.26	
32 93 43 00-0097	EA	8'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood.....	95.65	
32 93 43 00-0098	EA	4'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	47.83	
32 93 43 00-0099	EA	5'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	60.87	
32 93 43 00-0100	EA	6'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	73.91	
32 93 43 00-0101	EA	7'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	86.96	
32 93 43 00-0102	EA	8'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	121.74	
32 93 43 00-0103	EA	1-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	108.70	
32 93 43 00-0104	EA	2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	130.43	
32 93 43 00-0105	EA	2-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	152.17	
32 93 43 00-0106	EA	1-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	86.96	
32 93 43 00-0107	EA	2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	108.70	
32 93 43 00-0108	EA	2-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	134.78	
32 93 43 00-0109	EA	3"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	152.17	
32 93 43 00-0110	EA	3-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	173.91	
32 93 43 00-0111	EA	4"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	195.65	
32 93 43 00-0112	EA	6'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	86.96	
32 93 43 00-0113	EA	7'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	104.35	
32 93 43 00-0114	EA	8'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	121.74	
32 93 43 00-0115	EA	10'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	152.17	
32 93 43 00-0116	EA	12'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	195.65	
32 93 43 00-0117	EA	1-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	69.57	
32 93 43 00-0118	EA	2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	78.26	
32 93 43 00-0119	EA	2-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	86.96	
32 93 43 00-0120	EA	3"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	100.00	
32 93 43 00-0121	EA	3-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	130.43	
32 93 43 00-0122	EA	4"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	147.83	
32 93 43 00-0123	EA	6'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	60.87	
32 93 43 00-0124	EA	7'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	73.91	
32 93 43 00-0125	EA	8'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	86.96	
32 93 43 00-0126	EA	10'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	108.70	
32 93 43 00-0127	EA	12'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	134.78	
32 93 43 00-0128	EA	14'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	160.87	
32 93 43 00-0129	EA	16'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn.....	186.96	
32 93 43 00-0130	EA	1-1/2"	Caliper Crataegus viridis - Winter King Hawthorn.....	69.57	
32 93 43 00-0131	EA	2"	Caliper Crataegus viridis - Winter King Hawthorn.....	78.26	
32 93 43 00-0132	EA	2-1/2"	Caliper Crataegus viridis - Winter King Hawthorn.....	108.70	
32 93 43 00-0133	EA	3"	Caliper Crataegus viridis - Winter King Hawthorn.....	143.48	
32 93 43 00-0134	EA	6'	Clump Form Crataegus viridis - Winter King Hawthorn.....	65.22	
32 93 43 00-0135	EA	7'	Clump Form Crataegus viridis - Winter King Hawthorn.....	86.96	
32 93 43 00-0136	EA	8'	Clump Form Crataegus viridis - Winter King Hawthorn.....	108.70	
32 93 43 00-0137	EA	10'	Clump Form Crataegus viridis - Winter King Hawthorn.....	130.43	
32 93 43 00-0138	EA	4'	Clump Form Hamamelis virginiana - Common Witchhazel.....	43.48	
32 93 43 00-0139	EA	5'	Clump Form Hamamelis virginiana - Common Witchhazel.....	56.52	
32 93 43 00-0140	EA	6'	Clump Form Hamamelis virginiana - Common Witchhazel.....	69.57	
32 93 43 00-0141	EA	7'	Clump Form Hamamelis virginiana - Common Witchhazel.....	95.65	
32 93 43 00-0142	EA	8'	Clump Form Hamamelis virginiana - Common Witchhazel.....	130.43	
32 93 43 00-0143	EA	1	Gallon Ilex Cassine - Casine Holly (Dahoon).....	2.50	
32 93 43 00-0144	EA	5	Gallon Ilex Cassine - Casine Holly (Dahoon).....	8.00	
32 93 43 00-0145	EA	4'	To 5' Ilex Cassine - Casine Holly (Dahoon).....	13.75	
32 93 43 00-0146	EA	6'	To 7' Ilex Cassine - Casine Holly (Dahoon).....	26.25	
32 93 43 00-0147	EA	8'	To 9' Ilex Cassine - Casine Holly (Dahoon).....	35.00	
32 93 43 00-0148	EA	10'	To 12' Ilex Cassine - Casine Holly (Dahoon).....	45.00	
32 93 43 00-0149	EA	2'	To 3' Magnolia Virginiana - Sweetbay Magnolia.....	16.48	
32 93 43 00-0150	EA	3'	To 4' Magnolia Virginiana - Sweetbay Magnolia.....	24.72	
32 93 43 00-0151	EA	4'	To 5' Magnolia Virginiana - Sweetbay Magnolia.....	30.90	
32 93 43 00-0152	EA	5'	To 6' Magnolia Virginiana - Sweetbay Magnolia.....	38.48	
32 93 43 00-0153	EA	4'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	65.22	
32 93 43 00-0154	EA	5'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	86.96	
32 93 43 00-0155	EA	6'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	113.04	
32 93 43 00-0156	EA	7'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	126.09	
32 93 43 00-0157	EA	9'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	169.57	
32 93 43 00-0158	EA	8'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	152.17	
32 93 43 00-0159	EA	4'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	65.22	
32 93 43 00-0160	EA	5'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	86.96	
32 93 43 00-0161	EA	6'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	113.04	
32 93 43 00-0162	EA	7'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	126.09	
32 93 43 00-0163	EA	8'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	152.17	
32 93 43 00-0164	EA	9'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	169.57	
32 93 43 00-0165	EA	4'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	65.22	
32 93 43 00-0166	EA	5'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	86.96	
32 93 43 00-0167	EA	6'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	113.04	
32 93 43 00-0168	EA	7'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	126.09	
32 93 43 00-0169	EA	8'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	152.17	
32 93 43 00-0170	EA	9'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	169.57	
32 93 43 00-0171	EA	4'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	65.22	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

ARLINGTON  
VIRGINIA

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 93 43 00-0172	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	86.96	
32 93 43 00-0173	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	113.04	
32 93 43 00-0174	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	126.09	
32 93 43 00-0175	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	152.17	
32 93 43 00-0176	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	169.57	
32 93 43 00-0177	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	65.22	
32 93 43 00-0178	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	86.96	
32 93 43 00-0179	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	113.04	
32 93 43 00-0180	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	126.09	
32 93 43 00-0181	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	152.17	
32 93 43 00-0182	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	169.57	
32 93 43 00-0183	EA	5 Gallon Malus - Crabapple	17.66	
32 93 43 00-0184	EA	15 Gallon Malus - Crabapple	45.02	
32 93 43 00-0185	EA	20 Gallon Malus - Crabapple	52.97	
32 93 43 00-0186	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	52.17	
32 93 43 00-0187	EA	2" Caliper Malus cvs - Crabapple Varieties	69.57	
32 93 43 00-0188	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	86.96	
32 93 43 00-0189	EA	3" Caliper Malus cvs - Crabapple Varieties	104.35	
32 93 43 00-0190	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	121.74	
32 93 43 00-0191	EA	4" Caliper Malus cvs - Crabapple Varieties	139.13	
32 93 43 00-0192	EA	6' Clump Form Malus cvs - Crabapple Varieties	78.26	
32 93 43 00-0193	EA	7' Clump Form Malus cvs - Crabapple Varieties	86.96	
32 93 43 00-0194	EA	8' Clump Form Malus cvs - Crabapple Varieties	108.70	
32 93 43 00-0195	EA	10' Clump Form Malus cvs - Crabapple Varieties	121.74	
32 93 43 00-0196	EA	12' Clump Form Malus cvs - Crabapple Varieties	156.52	
32 93 43 00-0197	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	86.96	
32 93 43 00-0198	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	108.70	
32 93 43 00-0199	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	65.22	
32 93 43 00-0200	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	82.61	
32 93 43 00-0201	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	100.00	
32 93 43 00-0202	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	113.04	
32 93 43 00-0203	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	126.09	
32 93 43 00-0204	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	139.13	
32 93 43 00-0205	EA	4' To 5' Oxydendrum arboreum - Sourwood	39.89	
32 93 43 00-0206	EA	5' To 6' Oxydendrum arboreum - Sourwood	49.86	
32 93 43 00-0207	EA	6' To 7' Oxydendrum arboreum - Sourwood	59.84	
32 93 43 00-0208	EA	7' To 8' Oxydendrum arboreum - Sourwood	69.81	
32 93 43 00-0209	EA	20 Gallon Prunus subhirtella - Flowering Cherry	61.14	
32 93 43 00-0210	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	63.20	
32 93 43 00-0211	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	79.00	
32 93 43 00-0212	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	164.86	
32 93 43 00-0213	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	127.06	
32 93 43 00-0214	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	247.29	
32 93 43 00-0215	EA	4' To 6' Prunus - Pigeon Plum	25.00	
32 93 43 00-0216	EA	8' To 10' Prunus - Pigeon Plum	85.00	
32 93 43 00-0217	EA	10' To 12' Prunus - Pigeon Plum	108.00	
32 93 43 00-0218	EA	14' To 16' Prunus - Pigeon Plum	170.00	
32 93 43 00-0219	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	15.79	
32 93 43 00-0220	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	43.26	
32 93 43 00-0221	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	56.34	
32 93 43 00-0222	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	17.85	
32 93 43 00-0223	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	34.33	
32 93 43 00-0224	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	63.20	
32 93 43 00-0225	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	75.56	
32 93 43 00-0226	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	49.47	
32 93 43 00-0227	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	41.20	
32 93 43 00-0228	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	60.42	
32 93 43 00-0229	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	72.13	
32 93 43 00-0230	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	92.73	
32 93 43 00-0231	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	35.74	
32 93 43 00-0232	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	54.96	
32 93 43 00-0233	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	67.29	
32 93 43 00-0234	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	85.86	
32 93 43 00-0235	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	47.74	
32 93 43 00-0236	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	59.67	
32 93 43 00-0237	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	62.06	
32 93 43 00-0238	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	73.99	
32 93 43 00-0239	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	100.25	
32 93 43 00-0240	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	131.28	
32 93 43 00-0241	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	167.08	
32 93 43 00-0242	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	47.74	
32 93 43 00-0243	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	59.67	
32 93 43 00-0244	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	40.58	
32 93 43 00-0245	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	62.06	
32 93 43 00-0246	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	73.93	
32 93 43 00-0247	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	100.25	
32 93 43 00-0248	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	131.28	
32 93 43 00-0249	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	86.96	
32 93 43 00-0250	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	108.70	
32 93 43 00-0251	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	134.78	
32 93 43 00-0252	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	152.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0253	EA		3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear.....	169.57	
32 93 43 00-0254	EA		4" Caliper Pyrus calleryana & cvs - Callery Pear.....	217.39	
32 93 43 00-0255	EA		1-3/4" Caliper Sophora japonica - Japanese Pagoda.....	116.26	
32 93 43 00-0256	EA		2" Caliper Sophora japonica - Japanese Pagoda.....	130.79	
32 93 43 00-0257	EA		2-1/2" Caliper Sophora japonica - Japanese Pagoda.....	152.59	
32 93 43 00-0258	EA		3" Caliper Sophora japonica - Japanese Pagoda.....	223.17	
32 93 43 00-0259	EA		3-1/2" Caliper Sophora japonica - Japanese Pagoda.....	337.35	
32 93 43 00-0260	EA		1-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	86.96	
32 93 43 00-0261	EA		2" Caliper Sorbus alnifolia - Korean Mountainash.....	108.70	
32 93 43 00-0262	EA		2-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	134.78	
32 93 43 00-0263	EA		3" Caliper Sorbus alnifolia - Korean Mountainash.....	165.22	
32 93 43 00-0264	EA		3-1/2" Caliper Sorbus alnifolia - Korean Mountainash.....	200.00	
32 93 43 00-0265	EA		4" Caliper Sorbus alnifolia - Korean Mountainash.....	239.13	
32 93 43 00-0266	EA		1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac.....	113.04	
32 93 43 00-0267	EA		2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac.....	121.74	
32 93 43 00-0268	EA		2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac.....	147.83	
32 93 43 00-0269	EA		4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	69.57	
32 93 43 00-0270	EA		5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	82.61	
32 93 43 00-0271	EA		6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	95.65	
32 93 43 00-0272	EA		7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	108.70	
32 93 43 00-0273	EA		8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	126.09	
32 93 43 00-0274	EA		10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	160.87	
32 93 43 00-0275	EA		12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	182.61	
32 93 43 00-0276	EA		14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac.....	208.70	

**32 93 43 00-0277**

**Shade Trees (32 93 43)**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0278	EA		3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple.....	186.00	
32 93 43 00-0279	EA		4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple.....	228.00	
32 93 43 00-0280	EA		4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple.....	297.00	
32 93 43 00-0281	EA		5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple.....	385.00	
32 93 43 00-0282	EA		2' To 2-1/2" Acer palmatum - Japanese Maple.....	19.62	
32 93 43 00-0283	EA		4' To 5" Acer palmatum - Japanese Maple.....	41.20	
32 93 43 00-0284	EA		5' To 6" Acer palmatum - Japanese Maple.....	53.95	
32 93 43 00-0285	EA		6' To 7" Acer palmatum - Japanese Maple.....	98.09	
32 93 43 00-0286	EA		7' To 8" Acer palmatum - Japanese Maple.....	137.33	
32 93 43 00-0287	EA		8' To 10' Acer palmatum - Japanese Maple.....	176.56	
32 93 43 00-0288	EA		10' To 12" Acer palmatum - Japanese Maple.....	235.42	
32 93 43 00-0289	EA		2" Caliper Acer platanoides & cvs - Norway Maple.....	100.00	
32 93 43 00-0290	EA		2" Caliper Acer platanoides & cvs - Norway Maple.....	121.74	
32 93 43 00-0291	EA		3" Caliper Acer platanoides & cvs - Norway Maple.....	156.52	
32 93 43 00-0292	EA		3-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	182.61	
32 93 43 00-0293	EA		4" Caliper Acer platanoides & cvs - Norway Maple.....	195.65	
32 93 43 00-0294	EA		4-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	213.04	
32 93 43 00-0295	EA		5" Caliper Acer platanoides & cvs - Norway Maple.....	239.13	
32 93 43 00-0296	EA		2" Caliper Acer rubrum & cvs - Red Maple.....	95.65	
32 93 43 00-0297	EA		2-1/2" Caliper Acer rubrum & cvs - Red Maple.....	121.74	
32 93 43 00-0298	EA		3" Caliper Acer rubrum & cvs - Red Maple.....	156.52	
32 93 43 00-0299	EA		3-1/2" Caliper Acer rubrum & cvs - Red Maple.....	191.30	
32 93 43 00-0300	EA		4" Caliper Acer rubrum & cvs - Red Maple.....	217.39	
32 93 43 00-0301	EA		4-1/2" Caliper Acer rubrum & cvs - Red Maple.....	252.17	
32 93 43 00-0302	EA		5" Caliper Acer rubrum & cvs - Red Maple.....	282.61	
32 93 43 00-0303	EA		8' Clump Form Acer rubrum & cvs - Red Maple.....	117.39	
32 93 43 00-0304	EA		10' Clump Form Acer rubrum & cvs - Red Maple.....	156.52	
32 93 43 00-0305	EA		12' Clump Form Acer rubrum & cvs - Red Maple.....	182.61	
32 93 43 00-0306	EA		14' Clump Form Acer rubrum & cvs - Red Maple.....	208.70	
32 93 43 00-0307	EA		16' Clump Form Acer rubrum & cvs - Red Maple.....	234.78	
32 93 43 00-0308	EA		18' Clump Form Acer rubrum & cvs - Red Maple.....	260.87	
32 93 43 00-0309	EA		2" Caliper Acer saccharinum & cvs - Silver Maple.....	78.26	
32 93 43 00-0310	EA		2-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	104.35	
32 93 43 00-0311	EA		3" Caliper Acer saccharinum & cvs - Silver Maple.....	130.43	
32 93 43 00-0312	EA		3-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	156.52	
32 93 43 00-0313	EA		4" Caliper Acer saccharinum & cvs - Silver Maple.....	182.61	
32 93 43 00-0314	EA		4-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	208.70	
32 93 43 00-0315	EA		5" Caliper Acer saccharinum & cvs - Silver Maple.....	234.78	
32 93 43 00-0316	EA		2" Caliper Acer saccharum & cvs - Sugar Maple.....	95.65	
32 93 43 00-0317	EA		2-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	126.09	
32 93 43 00-0318	EA		3" Caliper Acer saccharum & cvs - Sugar Maple.....	152.17	
32 93 43 00-0319	EA		3-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	173.91	
32 93 43 00-0320	EA		4" Caliper Acer saccharum & cvs - Sugar Maple.....	204.35	
32 93 43 00-0321	EA		4-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	234.78	
32 93 43 00-0322	EA		5" Caliper Acer saccharum & cvs - Sugar Maple.....	260.87	
32 93 43 00-0323	EA		10' Clump Form Acer saccharum & cvs - Sugar Maple.....	173.91	
32 93 43 00-0324	EA		12' Clump Form Acer saccharum & cvs - Sugar Maple.....	204.35	
32 93 43 00-0325	EA		14' Clump Form Acer saccharum & cvs - Sugar Maple.....	239.13	
32 93 43 00-0326	EA		16' Clump Form Acer saccharum & cvs - Sugar Maple.....	265.22	
32 93 43 00-0327	EA		18' Clump Form Acer saccharum & cvs - Sugar Maple.....	321.74	
32 93 43 00-0328	EA		20' Clump Form Acer saccharum & cvs - Sugar Maple.....	347.83	
32 93 43 00-0329	EA		2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	108.70	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0330	EA		2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	134.78	
32 93 43 00-0331	EA		3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	165.22	
32 93 43 00-0332	EA		3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	191.30	
32 93 43 00-0333	EA		4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	208.70	
32 93 43 00-0334	EA		4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	230.43	
32 93 43 00-0335	EA		5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple .....	256.52	
32 93 43 00-0336	EA		10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	156.52	
32 93 43 00-0337	EA		12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	206.96	
32 93 43 00-0338	EA		14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	240.87	
32 93 43 00-0339	EA		16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	265.22	
32 93 43 00-0340	EA		18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	321.74	
32 93 43 00-0341	EA		20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple .....	347.83	
32 93 43 00-0342	EA		2" Caliper Aesculus glabra - Ohio Buckeye .....	117.39	
32 93 43 00-0343	EA		2-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	139.13	
32 93 43 00-0344	EA		3" Caliper Aesculus glabra - Ohio Buckeye .....	165.22	
32 93 43 00-0345	EA		3-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	182.61	
32 93 43 00-0346	EA		4" Caliper Aesculus glabra - Ohio Buckeye .....	200.00	
32 93 43 00-0347	EA		4-1/2" Caliper Aesculus glabra - Ohio Buckeye .....	226.09	
32 93 43 00-0348	EA		5" Caliper Aesculus glabra - Ohio Buckeye .....	260.87	
32 93 43 00-0349	EA		2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut .....	152.17	
32 93 43 00-0350	EA		2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut .....	169.57	
32 93 43 00-0351	EA		3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut .....	191.30	
32 93 43 00-0352	EA		3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut .....	217.39	
32 93 43 00-0353	EA		4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut .....	250.87	
32 93 43 00-0354	EA		2" Caliper Aesculus x carnea - Red Horsechestnut .....	152.17	
32 93 43 00-0355	EA		2-1/2" Caliper Aesculus x carnea - Red Horsechestnut .....	169.57	
32 93 43 00-0356	EA		3" Caliper Aesculus x carnea - Red Horsechestnut .....	191.30	
32 93 43 00-0357	EA		3-1/2" Caliper Aesculus x carnea - Red Horsechestnut .....	217.39	
32 93 43 00-0358	EA		4" Caliper Aesculus x carnea - Red Horsechestnut .....	260.87	
32 93 43 00-0359	EA		2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	108.70	
32 93 43 00-0360	EA		2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	126.09	
32 93 43 00-0361	EA		3" Caliper Alnus glutinosa - Common Alder, Black Alder .....	143.48	
32 93 43 00-0362	EA		3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	165.22	
32 93 43 00-0363	EA		8' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	113.04	
32 93 43 00-0364	EA		10' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	139.13	
32 93 43 00-0365	EA		12' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	156.52	
32 93 43 00-0366	EA		14' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	173.91	
32 93 43 00-0367	EA		16' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	195.65	
32 93 43 00-0368	EA		18' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	217.39	
32 93 43 00-0369	EA		2" Caliper Betula nigra - River Birch .....	108.70	
32 93 43 00-0370	EA		2-1/2" Caliper Betula nigra - River Birch .....	123.09	
32 93 43 00-0371	EA		3" Caliper Betula nigra - River Birch .....	139.13	
32 93 43 00-0372	EA		3-1/2" Caliper Betula nigra - River Birch .....	173.91	
32 93 43 00-0373	EA		4" Caliper Betula nigra - River Birch .....	195.65	
32 93 43 00-0374	EA		4-1/2" Caliper Betula nigra - River Birch .....	217.39	
32 93 43 00-0375	EA		5" Caliper Betula nigra - River Birch .....	239.13	
32 93 43 00-0376	EA		8' Clump Form Betula nigra - River Birch .....	100.00	
32 93 43 00-0377	EA		10' Clump Form Betula nigra - River Birch .....	113.04	
32 93 43 00-0378	EA		12' Clump Form Betula nigra - River Birch .....	130.43	
32 93 43 00-0379	EA		14' Clump Form Betula nigra - River Birch .....	152.17	
32 93 43 00-0380	EA		16' Clump Form Betula nigra - River Birch .....	173.91	
32 93 43 00-0381	EA		12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	130.43	
32 93 43 00-0382	EA		14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	156.52	
32 93 43 00-0383	EA		16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	182.61	
32 93 43 00-0384	EA		18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	217.39	
32 93 43 00-0385	EA		20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	226.09	
32 93 43 00-0386	EA		2" Caliper Carpinus betulus & cvs - European Hornbeam .....	173.91	
32 93 43 00-0387	EA		2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam .....	195.65	
32 93 43 00-0388	EA		3" Caliper Carpinus betulus & cvs - European Hornbeam .....	226.09	
32 93 43 00-0389	EA		3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam .....	273.91	
32 93 43 00-0390	EA		6' Clump Form Carpinus betulus & cvs - European Hornbeam .....	78.26	
32 93 43 00-0391	EA		7' Clump Form Carpinus betulus & cvs - European Hornbeam .....	108.70	
32 93 43 00-0392	EA		8' Clump Form Carpinus betulus & cvs - European Hornbeam .....	134.78	
32 93 43 00-0393	EA		2" Caliper Catalpa speciosa - Northern Catalpa .....	95.65	
32 93 43 00-0394	EA		2-1/2" Caliper Catalpa speciosa - Northern Catalpa .....	130.43	
32 93 43 00-0395	EA		3" Caliper Catalpa speciosa - Northern Catalpa .....	169.57	
32 93 43 00-0396	EA		3-1/2" Caliper Catalpa speciosa - Northern Catalpa .....	204.35	
32 93 43 00-0397	EA		4" Caliper Catalpa speciosa - Northern Catalpa .....	234.78	
32 93 43 00-0398	EA		2" Caliper Celtis occidentalis & cvs - Common Hackberry .....	121.74	
32 93 43 00-0399	EA		2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry .....	139.13	
32 93 43 00-0400	EA		3" Caliper Celtis occidentalis & cvs - Common Hackberry .....	169.57	
32 93 43 00-0401	EA		3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry .....	200.00	
32 93 43 00-0402	EA		4" Caliper Celtis occidentalis & cvs - Common Hackberry .....	230.43	
32 93 43 00-0403	EA		4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry .....	260.87	
32 93 43 00-0404	EA		3" Caliper Cercidiphyllum japonicum - Katsuratree .....	152.17	
32 93 43 00-0405	EA		3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree .....	173.91	
32 93 43 00-0406	EA		4" Caliper Cercidiphyllum japonicum - Katsuratree .....	204.35	
32 93 43 00-0407	EA		5" Caliper Cercidiphyllum japonicum - Katsuratree .....	243.48	
32 93 43 00-0408	EA		6' Clump Form Cercidiphyllum japonicum - Katsuratree .....	121.74	
32 93 43 00-0409	EA		7' Clump Form Cercidiphyllum japonicum - Katsuratree .....	143.48	
32 93 43 00-0410	EA		8' Clump Form Cercidiphyllum japonicum - Katsuratree .....	173.91	



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 93 43 00-0411	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree.....		217.39	
32 93 43 00-0412	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree.....		260.87	
32 93 43 00-0413	EA	2" Caliper Cladrastus lutea - American Yellowwood.....		217.39	
32 93 43 00-0414	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood.....		260.87	
32 93 43 00-0415	EA	3" Caliper Cladrastus lutea - American Yellowwood.....		304.35	
32 93 43 00-0416	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood.....		347.83	
32 93 43 00-0417	EA	2" Caliper Corylus colurna - Turkish Filbert.....		134.78	
32 93 43 00-0418	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert.....		152.17	
32 93 43 00-0419	EA	3" Caliper Corylus colurna - Turkish Filbert.....		173.91	
32 93 43 00-0420	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert.....		200.00	
32 93 43 00-0421	EA	4" Caliper Corylus colurna - Turkish Filbert.....		239.13	
32 93 43 00-0422	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert.....		278.26	
32 93 43 00-0423	EA	5" Caliper Corylus colurna - Turkish Filbert.....		317.39	
32 93 43 00-0424	EA	8' Clump Form Corylus colurna - Turkish Filbert.....		121.74	
32 93 43 00-0425	EA	10' Clump Form Corylus colurna - Turkish Filbert.....		147.83	
32 93 43 00-0426	EA	12' Clump Form Corylus colurna - Turkish Filbert.....		173.91	
32 93 43 00-0427	EA	14' Clump Form Corylus colurna - Turkish Filbert.....		195.65	
32 93 43 00-0428	EA	16' Clump Form Corylus colurna - Turkish Filbert.....		217.39	
32 93 43 00-0429	EA	1-1/2" Caliper Diospyros virginiana - Common Persimmon.....		78.26	
32 93 43 00-0430	EA	2" Caliper Diospyros virginiana - Common Persimmon.....		95.65	
32 93 43 00-0431	EA	2-1/2" Caliper Diospyros virginiana - Common Persimmon.....		121.74	
32 93 43 00-0432	EA	3" Caliper Diospyros virginiana - Common Persimmon.....		152.17	
32 93 43 00-0433	EA	3-1/2" Caliper Diospyros virginiana - Common Persimmon.....		182.61	
32 93 43 00-0434	EA	1-1/2" Caliper Fagus grandifolia - American Beech.....		173.91	
32 93 43 00-0435	EA	2" Caliper Fagus grandifolia - American Beech.....		226.09	
32 93 43 00-0436	EA	2-1/2" Caliper Fagus grandifolia - American Beech.....		286.96	
32 93 43 00-0437	EA	3" Caliper Fagus grandifolia - American Beech.....		347.83	
32 93 43 00-0438	EA	3-1/2" Caliper Fagus grandifolia - American Beech.....		413.04	
32 93 43 00-0439	EA	2" Caliper Fagus sylvatica & cvs - European Beech.....		195.65	
32 93 43 00-0440	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech.....		234.78	
32 93 43 00-0441	EA	3" Caliper Fagus sylvatica & cvs - European Beech.....		282.61	
32 93 43 00-0442	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech.....		313.04	
32 93 43 00-0443	EA	4" Caliper Fagus sylvatica & cvs - European Beech.....		369.57	
32 93 43 00-0444	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech.....		478.26	
32 93 43 00-0445	EA	5" Caliper Fagus sylvatica & cvs - European Beech.....		565.22	
32 93 43 00-0446	EA	2" Caliper Fraxinus americana & cvs - White Ash.....		108.70	
32 93 43 00-0447	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash.....		130.43	
32 93 43 00-0448	EA	3" Caliper Fraxinus americana & cvs - White Ash.....		165.22	
32 93 43 00-0449	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash.....		200.00	
32 93 43 00-0450	EA	4" Caliper Fraxinus americana & cvs - White Ash.....		234.78	
32 93 43 00-0451	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash.....		260.87	
32 93 43 00-0452	EA	5" Caliper Fraxinus americana & cvs - White Ash.....		304.35	
32 93 43 00-0453	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		95.65	
32 93 43 00-0454	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		113.04	
32 93 43 00-0455	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		152.17	
32 93 43 00-0456	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		182.61	
32 93 43 00-0457	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		217.39	
32 93 43 00-0458	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		234.78	
32 93 43 00-0459	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash.....		260.87	
32 93 43 00-0460	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....		130.43	
32 93 43 00-0461	EA	2" Caliper Fraxinus quadrangulata - Blue Ash.....		160.87	
32 93 43 00-0462	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....		195.65	
32 93 43 00-0463	EA	3" Caliper Fraxinus quadrangulata - Blue Ash.....		239.13	
32 93 43 00-0464	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash.....		282.61	
32 93 43 00-0465	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		152.17	
32 93 43 00-0466	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		169.57	
32 93 43 00-0467	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		191.30	
32 93 43 00-0468	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		213.04	
32 93 43 00-0469	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		239.13	
32 93 43 00-0470	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		260.87	
32 93 43 00-0471	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		391.30	
32 93 43 00-0472	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....		434.78	
32 93 43 00-0473	EA	2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		104.35	
32 93 43 00-0474	EA	2-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		130.43	
32 93 43 00-0475	EA	3" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		156.52	
32 93 43 00-0476	EA	3-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		182.61	
32 93 43 00-0477	EA	4" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		208.70	
32 93 43 00-0478	EA	4-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		234.78	
32 93 43 00-0479	EA	5" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....		278.26	
32 93 43 00-0480	EA	10' - 12' Bursera Simaruba - Gumbo Limbo.....		55.00	
32 93 43 00-0481	EA	12' - 14' Bursera Simaruba - Gumbo Limbo.....		65.00	
32 93 43 00-0482	EA	14' - 16' Bursera Simaruba - Gumbo Limbo.....		90.00	
32 93 43 00-0483	EA	17' - 18' Bursera Simaruba - Gumbo Limbo.....		117.00	
32 93 43 00-0484	EA	19' - 20' Bursera Simaruba - Gumbo Limbo.....		130.00	
32 93 43 00-0485	EA	21' - 22' Bursera Simaruba - Gumbo Limbo.....		154.00	
32 93 43 00-0486	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		134.78	
32 93 43 00-0487	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		165.22	
32 93 43 00-0488	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		195.65	
32 93 43 00-0489	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		230.43	
32 93 43 00-0490	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		260.87	
32 93 43 00-0491	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....		291.30	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0492	EA		5" Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	326.09	
32 93 43 00-0493	EA		1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree.....	67.29	
32 93 43 00-0494	EA		2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree.....	82.43	
32 93 43 00-0495	EA		2-1/2" To 3" Caliper Zelkova serrata - Japanese Keaki Tree.....	104.43	
32 93 43 00-0496	EA		1-1/2" Caliper Juglans cinerea - Butternut.....	104.35	
32 93 43 00-0497	EA		2" Caliper Juglans cinerea - Butternut.....	121.74	
32 93 43 00-0498	EA		2-1/2" Caliper Juglans cinerea - Butternut.....	152.17	
32 93 43 00-0499	EA		3" Caliper Juglans cinerea - Butternut.....	191.30	
32 93 43 00-0500	EA		3-1/2" Caliper Juglans cinerea - Butternut.....	234.78	
32 93 43 00-0501	EA		1-1/2" Caliper Juglans nigra - Black Walnut.....	104.35	
32 93 43 00-0502	EA		2" Caliper Juglans nigra - Black Walnut.....	121.74	
32 93 43 00-0503	EA		2-1/2" Caliper Juglans nigra - Black Walnut.....	152.17	
32 93 43 00-0504	EA		3" Caliper Juglans nigra - Black Walnut.....	191.30	
32 93 43 00-0505	EA		3-1/2" Caliper Juglans nigra - Black Walnut.....	234.78	
32 93 43 00-0506	EA		4" Caliper Juglans nigra - Black Walnut.....	282.61	
32 93 43 00-0507	EA		4-1/2" Caliper Juglans nigra - Black Walnut.....	326.09	
32 93 43 00-0508	EA		5" Caliper Juglans nigra - Black Walnut.....	369.57	
32 93 43 00-0509	EA		5 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	11.77	
32 93 43 00-0510	EA		15 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	29.43	
32 93 43 00-0511	EA		20 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	58.85	
32 93 43 00-0512	EA		55 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	76.51	
32 93 43 00-0513	EA		1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	55.91	
32 93 43 00-0514	EA		2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	67.68	
32 93 43 00-0515	EA		2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	94.17	
32 93 43 00-0516	EA		1-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	139.13	
32 93 43 00-0517	EA		2" Caliper Liquidambar styraciflua - American Sweetgum.....	173.91	
32 93 43 00-0518	EA		2-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	217.39	
32 93 43 00-0519	EA		3" Caliper Liquidambar styraciflua - American Sweetgum.....	260.87	
32 93 43 00-0520	EA		3-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	304.35	
32 93 43 00-0521	EA		1-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	139.13	
32 93 43 00-0522	EA		2" Caliper Liriodendron tulipifera - Tulip Tree.....	191.30	
32 93 43 00-0523	EA		2-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	226.09	
32 93 43 00-0524	EA		3" Caliper Liriodendron tulipifera - Tulip Tree.....	260.87	
32 93 43 00-0525	EA		3-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	295.65	
32 93 43 00-0526	EA		8' Clump Form Liriodendron tulipifera - Tulip Tree.....	104.35	
32 93 43 00-0527	EA		10' Clump Form Liriodendron tulipifera - Tulip Tree.....	186.96	
32 93 43 00-0528	EA		12' Clump Form Liriodendron tulipifera - Tulip Tree.....	226.09	
32 93 43 00-0529	EA		10' To 12' Swietenia Mahagoni - Mahogany.....	77.00	
32 93 43 00-0530	EA		12' To 14' Swietenia Mahagoni - Mahogany.....	90.00	
32 93 43 00-0531	EA		14' To 16' Swietenia Mahagoni - Mahogany.....	120.00	
32 93 43 00-0532	EA		16' To 18' Swietenia Mahagoni - Mahogany.....	135.00	
32 93 43 00-0533	EA		1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	139.13	
32 93 43 00-0534	EA		2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	173.91	
32 93 43 00-0535	EA		2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	217.39	
32 93 43 00-0536	EA		3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	260.87	
32 93 43 00-0537	EA		3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	304.35	
32 93 43 00-0538	EA		4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	60.87	
32 93 43 00-0539	EA		5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	69.57	
32 93 43 00-0540	EA		6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	82.61	
32 93 43 00-0541	EA		7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	104.35	
32 93 43 00-0542	EA		8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	130.43	
32 93 43 00-0543	EA		2" Caliber Ostrya virginiana - American Hophornbeam.....	113.04	
32 93 43 00-0544	EA		2-1/2" Caliber Ostrya virginiana - American Hophornbeam.....	143.48	
32 93 43 00-0545	EA		3" Caliber Ostrya virginiana - American Hophornbeam.....	173.91	
32 93 43 00-0546	EA		3-1/2" Caliber Ostrya virginiana - American Hophornbeam.....	204.35	
32 93 43 00-0547	EA		4" Caliber Ostrya virginiana - American Hophornbeam.....	247.83	
32 93 43 00-0548	EA		2" Caliber Phellodendron amurense - Amur Corktree.....	86.96	
32 93 43 00-0549	EA		2-1/2" Caliber Phellodendron amurense - Amur Corktree.....	108.70	
32 93 43 00-0550	EA		3" Caliber Phellodendron amurense - Amur Corktree.....	130.43	
32 93 43 00-0551	EA		3-1/2" Caliber Phellodendron amurense - Amur Corktree.....	152.17	
32 93 43 00-0552	EA		4" Caliber Phellodendron amurense - Amur Corktree.....	173.91	
32 93 43 00-0553	EA		4-1/2" Caliber Phellodendron amurense - Amur Corktree.....	195.65	
32 93 43 00-0554	EA		5" Caliber Phellodendron amurense - Amur Corktree.....	217.39	
32 93 43 00-0555	EA		30" Box Platanus Occidentalis - Buttonwood Sycamore.....	188.89	
32 93 43 00-0556	EA		36" Box Platanus Occidentalis - Buttonwood Sycamore.....	274.75	
32 93 43 00-0557	EA		42" Box Platanus occidentalis - Buttonwood Sycamore.....	408.71	
32 93 43 00-0558	EA		1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	63.20	
32 93 43 00-0559	EA		2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	75.56	
32 93 43 00-0560	EA		2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore.....	103.03	
32 93 43 00-0561	EA		3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	125.03	
32 93 43 00-0562	EA		8' To 10' Platanus occidentalis - Green Or Silver Buttonwood.....	52.00	
32 93 43 00-0563	EA		10' To 12' Platanus occidentalis - Green Or Silver Buttonwood.....	65.00	
32 93 43 00-0564	EA		12' To 14' Platanus occidentalis - Green Or Silver Buttonwood.....	115.00	
32 93 43 00-0565	EA		16' To 18' Platanus occidentalis - Green Or Silver Buttonwood.....	165.00	
32 93 43 00-0566	EA		2" Caliber Platanus x acerifolia & cvs - London Planetree.....	104.35	
32 93 43 00-0567	EA		2-1/2" Caliber Platanus x acerifolia & cvs - London Planetree.....	126.09	
32 93 43 00-0568	EA		3" Caliber Platanus x acerifolia & cvs - London Planetree.....	152.17	
32 93 43 00-0569	EA		3-1/2" Caliber Platanus x acerifolia & cvs - London Planetree.....	182.61	
32 93 43 00-0570	EA		4" Caliber Platanus x acerifolia & cvs - London Planetree.....	217.39	
32 93 43 00-0571	EA		2" Caliber Populus alba & cvs - White Poplar.....	104.35	
32 93 43 00-0572	EA		2-1/2" Caliber Populus alba & cvs - White Poplar.....	121.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0573 EA 3" Caliber Populus alba & cvs - White Poplar.....	139.13	
32 93 43 00-0574 EA 3-1/2" Caliber Populus alba & cvs - White Poplar.....	165.22	
32 93 43 00-0575 EA 4" Caliber Populus alba & cvs - White Poplar.....	182.61	
32 93 43 00-0576 EA 4-1/2" Caliber Populus alba & cvs - White Poplar.....	208.70	
32 93 43 00-0577 EA 2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	95.65	
32 93 43 00-0578 EA 2-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	126.09	
32 93 43 00-0579 EA 3" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	152.17	
32 93 43 00-0580 EA 3-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	182.61	
32 93 43 00-0581 EA 4" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	217.39	
32 93 43 00-0582 EA 6' To 8' Quercus acutissima - Sawtooth Oak.....	32.70	
32 93 43 00-0583 EA 8' To 10' Quercus acutissima - Sawtooth Oak.....	49.05	
32 93 43 00-0584 EA 10' To 12' Quercus acutissima - Sawtooth Oak.....	57.22	
32 93 43 00-0585 EA 1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak.....	65.39	
32 93 43 00-0586 EA 2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak.....	73.57	
32 93 43 00-0587 EA 3" To 3-1/2" Caliper Quercus virginiana - Live Oak.....	258.96	
32 93 43 00-0588 EA 3-1/2" To 4" Caliper Quercus virginiana - Live Oak.....	349.00	
32 93 43 00-0589 EA 4" To 4-1/2" Caliper Quercus virginiana - Live Oak.....	472.00	
32 93 43 00-0590 EA 4-1/2" To 5" Caliper Quercus virginiana - Live Oak.....	630.00	
32 93 43 00-0591 EA 5" To 5-1/2" Caliper Quercus virginiana - Live Oak.....	760.00	
32 93 43 00-0592 EA 5-1/2" To 6" Caliper Quercus virginiana - Live Oak.....	840.00	
32 93 43 00-0593 EA 6" To 6-1/2" Caliper Quercus virginiana - Live Oak.....	1,130.00	
32 93 43 00-0594 EA 6-1/2" To 7" Caliper Quercus virginiana - Live Oak.....	1,420.00	
32 93 43 00-0595 EA 7" To 7-1/2" Caliper Quercus virginiana - Live Oak.....	1,710.00	
32 93 43 00-0596 EA 7-1/2" To 8" Caliper Quercus virginiana - Live Oak.....	2,075.00	
32 93 43 00-0597 EA 8" To 8-1/2" Caliper Quercus virginiana - Live Oak.....	2,440.00	
32 93 43 00-0598 EA 2" Caliber Quercus alba - White Oak.....	130.43	
32 93 43 00-0599 EA 2-1/2" Caliber Quercus alba - White Oak.....	152.17	
32 93 43 00-0600 EA 3" Caliber Quercus alba - White Oak.....	191.30	
32 93 43 00-0601 EA 3-1/2" Caliber Quercus alba - White Oak.....	239.13	
32 93 43 00-0602 EA 4" Caliber Quercus alba - White Oak.....	282.61	
32 93 43 00-0603 EA 4-1/2" Caliber Quercus alba - White Oak.....	347.83	
32 93 43 00-0604 EA 5" Caliber Quercus alba - White Oak.....	413.04	
32 93 43 00-0605 EA 2" Caliber Quercus bicolor - Swamp White Oak.....	152.17	
32 93 43 00-0606 EA 2-1/2" Caliber Quercus bicolor - Swamp White Oak.....	173.91	
32 93 43 00-0607 EA 3" Caliber Quercus bicolor - Swamp White Oak.....	200.00	
32 93 43 00-0608 EA 3-1/2" Caliber Quercus bicolor - Swamp White Oak.....	221.74	
32 93 43 00-0609 EA 4" Caliber Quercus bicolor - Swamp White Oak.....	252.17	
32 93 43 00-0610 EA 4-1/2" Caliber Quercus bicolor - Swamp White Oak.....	278.26	
32 93 43 00-0611 EA 5" Caliber Quercus bicolor - Swamp White Oak.....	313.04	
32 93 43 00-0612 EA 10' Clump Form Quercus bicolor - Swamp White Oak.....	217.39	
32 93 43 00-0613 EA 12' Clump Form Quercus bicolor - Swamp White Oak.....	260.87	
32 93 43 00-0614 EA 14' Clump Form Quercus bicolor - Swamp White Oak.....	304.35	
32 93 43 00-0615 EA 16' Clump Form Quercus bicolor - Swamp White Oak.....	347.83	
32 93 43 00-0616 EA 2" Caliper Quercus coccinea - Scarlet Oak.....	113.04	
32 93 43 00-0617 EA 2-1/2" Caliper Quercus coccinea - Scarlet Oak.....	143.48	
32 93 43 00-0618 EA 3" Caliper Quercus coccinea - Scarlet Oak.....	178.26	
32 93 43 00-0619 EA 3-1/2" Caliper Quercus coccinea - Scarlet Oak.....	217.39	
32 93 43 00-0620 EA 4" Caliper Quercus coccinea - Scarlet Oak.....	260.87	
32 93 43 00-0621 EA 4-1/2" Caliper Quercus coccinea - Scarlet Oak.....	308.70	
32 93 43 00-0622 EA 5" Caliper Quercus coccinea - Scarlet Oak.....	360.87	
32 93 43 00-0623 EA 1-1/2" Caliper Quercus imbricaria - Shingle Oak.....	113.04	
32 93 43 00-0624 EA 2" Caliper Quercus imbricaria - Shingle Oak.....	152.17	
32 93 43 00-0625 EA 2-1/2" Caliper Quercus imbricaria - Shingle Oak.....	204.35	
32 93 43 00-0626 EA 3" Caliper Quercus imbricaria - Shingle Oak.....	304.35	
32 93 43 00-0627 EA 3-1/2" Caliper Quercus imbricaria - Shingle Oak.....	413.04	
32 93 43 00-0628 EA 1-1/2" Caliper Quercus macrocarpa - Bur Oak.....	113.04	
32 93 43 00-0629 EA 2" Caliper Quercus macrocarpa - Bur Oak.....	134.78	
32 93 43 00-0630 EA 2-1/2" Caliper Quercus macrocarpa - Bur Oak.....	160.87	
32 93 43 00-0631 EA 3" Caliper Quercus macrocarpa - Bur Oak.....	195.65	
32 93 43 00-0632 EA 3-1/2" Caliper Quercus macrocarpa - Bur Oak.....	239.13	
32 93 43 00-0633 EA 4" Caliper Quercus macrocarpa - Bur Oak.....	282.61	
32 93 43 00-0634 EA 9' Clump Form Quercus macrocarpa - Bur Oak.....	260.87	
32 93 43 00-0635 EA 10' Clump Form Quercus macrocarpa - Bur Oak.....	304.35	
32 93 43 00-0636 EA 12' Clump Form Quercus macrocarpa - Bur Oak.....	347.83	
32 93 43 00-0637 EA 2" Caliber Quercus palustris - Pin Oak.....	95.65	
32 93 43 00-0638 EA 2-1/2" Caliber Quercus palustris - Pin Oak.....	130.43	
32 93 43 00-0639 EA 3" Caliber Quercus palustris - Pin Oak.....	169.57	
32 93 43 00-0640 EA 3-1/2" Caliber Quercus palustris - Pin Oak.....	195.65	
32 93 43 00-0641 EA 4" Caliber Quercus palustris - Pin Oak.....	226.09	
32 93 43 00-0642 EA 4-1/2" Caliber Quercus palustris - Pin Oak.....	256.52	
32 93 43 00-0643 EA 5" Caliber Quercus palustris - Pin Oak.....	282.61	
32 93 43 00-0644 EA 2" Caliber Quercus robur & cvs - English Oak.....	113.04	
32 93 43 00-0645 EA 2-1/2" Caliber Quercus robur & cvs - English Oak.....	139.13	
32 93 43 00-0646 EA 3" Caliber Quercus robur & cvs - English Oak.....	165.22	
32 93 43 00-0647 EA 3-1/2" Caliber Quercus robur & cvs - English Oak.....	195.65	
32 93 43 00-0648 EA 4" Caliber Quercus robur & cvs - English Oak.....	226.09	
32 93 43 00-0649 EA 4-1/2" Caliber Quercus robur & cvs - English Oak.....	260.87	
32 93 43 00-0650 EA 5" Caliber Quercus robur & cvs - English Oak.....	295.65	
32 93 43 00-0651 EA 2" Caliber Quercus rubra - Red Oak.....	130.43	
32 93 43 00-0652 EA 2-1/2" Caliber Quercus rubra - Red Oak.....	152.17	
32 93 43 00-0653 EA 3" Caliber Quercus rubra - Red Oak.....	182.61	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0654	EA		3-1/2" Caliber Quercus rubra - Red Oak.....	217.39	
32 93 43 00-0655	EA		4" Caliber Quercus rubra - Red Oak.....	260.87	
32 93 43 00-0656	EA		4-1/2" Caliber Quercus rubra - Red Oak.....	304.35	
32 93 43 00-0657	EA		5" Caliber Quercus rubra - Red Oak.....	347.83	
32 93 43 00-0658	EA		16' Clump Form Quercus rubra - Red Oak.....	282.61	
32 93 43 00-0659	EA		18' Clump Form Quercus rubra - Red Oak.....	339.13	
32 93 43 00-0660	EA		20' Clump Form Quercus rubra - Red Oak.....	378.26	
32 93 43 00-0661	EA		2" Caliber Quercus shumardii - Shumard Oak.....	147.83	
32 93 43 00-0662	EA		2-1/2" Caliber Quercus shumardii - Shumard Oak.....	186.96	
32 93 43 00-0663	EA		3" Caliber Quercus shumardii - Shumard Oak.....	217.39	
32 93 43 00-0664	EA		3-1/2" Caliber Quercus shumardii - Shumard Oak.....	260.87	
32 93 43 00-0665	EA		4" Caliber Quercus shumardii - Shumard Oak.....	304.35	
32 93 43 00-0666	EA		4-1/2" Caliber Quercus shumardii - Shumard Oak.....	347.83	
32 93 43 00-0667	EA		5" Caliber Quercus shumardii - Shumard Oak.....	391.30	
32 93 43 00-0668	EA		2" Caliber Quercus schuettii - Swamp Bur Oak.....	130.43	
32 93 43 00-0669	EA		2-1/2" Caliber Quercus schuettii - Swamp Bur Oak.....	156.52	
32 93 43 00-0670	EA		3" Caliber Quercus schuettii - Swamp Bur Oak.....	195.65	
32 93 43 00-0671	EA		3-1/2" Caliber Quercus schuettii - Swamp Bur Oak.....	239.13	
32 93 43 00-0672	EA		4" Caliber Quercus schuettii - Swamp Bur Oak.....	278.26	
32 93 43 00-0673	EA		4-1/2" Caliber Quercus schuettii - Swamp Bur Oak.....	313.04	
32 93 43 00-0674	EA		24" Box Salix babylonica - Weeping Willow.....	109.90	
32 93 43 00-0675	EA		36" Box Salix babylonica - Weeping Willow.....	274.75	
32 93 43 00-0676	EA		1-1/2" To 2" Caliper Salix babylonica - Weeping Willow.....	63.20	
32 93 43 00-0677	EA		2" To 2-1/2" Caliper Salix babylonica - Weeping Willow.....	75.56	
32 93 43 00-0678	EA		2-1/2" To 3" Caliper Salix babylonica - Weeping Willow.....	82.43	
32 93 43 00-0679	EA		2" Caliper Salix alba & cvs - White Willow.....	69.57	
32 93 43 00-0680	EA		2-1/2" Caliper Salix alba & cvs - White Willow.....	82.61	
32 93 43 00-0681	EA		3" Caliper Salix alba & cvs - White Willow.....	108.70	
32 93 43 00-0682	EA		3-1/2" Caliper Salix alba & cvs - White Willow.....	130.43	
32 93 43 00-0683	EA		4" Caliper Salix alba & cvs - White Willow.....	156.52	
32 93 43 00-0684	EA		4-1/2" Caliper Salix alba & cvs - White Willow.....	182.61	
32 93 43 00-0685	EA		5" Caliper Salix alba & cvs - White Willow.....	208.70	
32 93 43 00-0686	EA		5' Clump Form Sassafras albidum - Common Sassafras.....	82.61	
32 93 43 00-0687	EA		6' Clump Form Sassafras albidum - Common Sassafras.....	100.00	
32 93 43 00-0688	EA		7' Clump Form Sassafras albidum - Common Sassafras.....	126.09	
32 93 43 00-0689	EA		8' Clump Form Sassafras albidum - Common Sassafras.....	143.48	
32 93 43 00-0690	EA		10' Clump Form Sassafras albidum - Common Sassafras.....	160.87	
32 93 43 00-0691	EA		12' Clump Form Sassafras albidum - Common Sassafras.....	195.65	
32 93 43 00-0692	EA		14' Clump Form Sassafras albidum - Common Sassafras.....	239.13	
32 93 43 00-0693	EA		16' Clump Form Sassafras albidum - Common Sassafras.....	282.61	
32 93 43 00-0694	EA		1-3/4" Caliper Sophora japonica - Chinese Scholar.....	144.00	
32 93 43 00-0695	EA		2" Caliper Sophora japonica - Chinese Scholar.....	160.00	
32 93 43 00-0696	EA		2-1/2" Caliper Sophora japonica - Chinese Scholar.....	215.00	
32 93 43 00-0697	EA		3" Caliper Sophora japonica - Chinese Scholar.....	280.00	
32 93 43 00-0698	EA		3-1/2" Caliper Sophora japonica - Chinese Scholar.....	325.00	
32 93 43 00-0699	EA		2" Caliper Taxodium distichum - Common Bald Cypress.....	108.70	
32 93 43 00-0700	EA		2-1/2" Caliper Taxodium distichum - Common Bald Cypress.....	126.09	
32 93 43 00-0701	EA		3" Caliper Taxodium distichum - Common Bald Cypress.....	152.17	
32 93 43 00-0702	EA		3-1/2" Caliper Taxodium distichum - Common Bald Cypress.....	173.91	
32 93 43 00-0703	EA		4" Caliper Taxodium distichum - Common Bald Cypress.....	191.30	
32 93 43 00-0704	EA		6' Clump Form Taxodium distichum - Common Bald Cypress.....	95.65	
32 93 43 00-0705	EA		7' Clump Form Taxodium distichum - Common Bald Cypress.....	108.70	
32 93 43 00-0706	EA		8' Clump Form Taxodium distichum - Common Bald Cypress.....	156.52	
32 93 43 00-0707	EA		10' Clump Form Taxodium distichum - Common Bald Cypress.....	173.91	
32 93 43 00-0708	EA		12' Clump Form Taxodium distichum - Common Bald Cypress.....	195.65	
32 93 43 00-0709	EA		14' Clump Form Taxodium distichum - Common Bald Cypress.....	226.09	
32 93 43 00-0710	EA		16' Clump Form Taxodium distichum - Common Bald Cypress.....	260.87	
32 93 43 00-0711	EA		2' Thuja occidentalis - American Arborvitae.....	14.90	
32 93 43 00-0712	EA		2-1/2' Thuja occidentalis - American Arborvitae.....	16.10	
32 93 43 00-0713	EA		3' Thuja occidentalis - American Arborvitae.....	23.00	
32 93 43 00-0714	EA		4' Thuja occidentalis - American Arborvitae.....	31.60	
32 93 43 00-0715	EA		5' Thuja occidentalis - American Arborvitae.....	44.00	
32 93 43 00-0716	EA		6' Thuja occidentalis - American Arborvitae.....	61.00	
32 93 43 00-0717	EA		7' Thuja occidentalis - American Arborvitae.....	74.00	
32 93 43 00-0718	EA		8' Thuja occidentalis - American Arborvitae.....	104.00	
32 93 43 00-0719	EA		2" Caliper Tilia americana & cvs - American Linden Basswood.....	108.70	
32 93 43 00-0720	EA		2-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	126.09	
32 93 43 00-0721	EA		3" Caliper Tilia americana & cvs - American Linden Basswood.....	160.87	
32 93 43 00-0722	EA		3-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	186.96	
32 93 43 00-0723	EA		4" Caliper Tilia americana & cvs - American Linden Basswood.....	213.04	
32 93 43 00-0724	EA		4-1/2" Caliper Tilia americana & cvs - American Linden Basswood.....	239.13	
32 93 43 00-0725	EA		5" Caliper Tilia americana & cvs - American Linden Basswood.....	260.87	
32 93 43 00-0726	EA		10' Clump Form Tilia americana & cvs - American Linden Basswood.....	139.13	
32 93 43 00-0727	EA		12' Clump Form Tilia americana & cvs - American Linden Basswood.....	152.17	
32 93 43 00-0728	EA		14' Clump Form Tilia americana & cvs - American Linden Basswood.....	173.91	
32 93 43 00-0729	EA		16' Clump Form Tilia americana & cvs - American Linden Basswood.....	200.00	
32 93 43 00-0730	EA		2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	109.35	
32 93 43 00-0731	EA		2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	132.09	
32 93 43 00-0732	EA		3" Caliper Tilia cordata & cvs - Littleleaf Linden.....	152.17	
32 93 43 00-0733	EA		3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	186.96	
32 93 43 00-0734	EA		4" Caliper Tilia cordata & cvs - Littleleaf Linden.....	213.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0735	EA		4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	239.13	
32 93 43 00-0736	EA		5" Caliper Tilia cordata & cvs - Littleleaf Linden.....	265.22	
32 93 43 00-0737	EA		2" Caliper Tilia tomentosa & cvs - Silver Linden.....	121.74	
32 93 43 00-0738	EA		2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	134.78	
32 93 43 00-0739	EA		3" Caliper Tilia tomentosa & cvs - Silver Linden.....	147.83	
32 93 43 00-0740	EA		3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	165.22	
32 93 43 00-0741	EA		4" Caliper Tilia tomentosa & cvs - Silver Linden.....	191.30	
32 93 43 00-0742	EA		4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden.....	226.09	
32 93 43 00-0743	EA		5" Caliper Tilia tomentosa & cvs - Silver Linden.....	295.65	
32 93 43 00-0744	EA		2" Caliper Tilia x euchlora - Crimean Linden.....	121.74	
32 93 43 00-0745	EA		2-1/2" Caliper Tilia x euchlora - Crimean Linden.....	156.52	
32 93 43 00-0746	EA		3" Caliper Tilia x euchlora - Crimean Linden.....	191.30	
32 93 43 00-0747	EA		3-1/2" Caliper Tilia x euchlora - Crimean Linden.....	217.39	
32 93 43 00-0748	EA		4" Caliper Tilia x euchlora - Crimean Linden.....	243.48	
32 93 43 00-0749	EA		4-1/2" Caliper Tilia x euchlora - Crimean Linden.....	273.91	
32 93 43 00-0750	EA		5" Caliper Tilia x euchlora - Crimean Linden.....	295.65	
32 93 43 00-0751	EA		2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	121.74	
32 93 43 00-0752	EA		2-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	139.13	
32 93 43 00-0753	EA		3" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	152.17	
32 93 43 00-0754	EA		3-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	165.22	
32 93 43 00-0755	EA		4" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	182.61	
32 93 43 00-0756	EA		4-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	217.39	
32 93 43 00-0757	EA		5" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	256.52	
32 93 43 00-0758	EA		2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	139.13	
32 93 43 00-0759	EA		2-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	152.17	
32 93 43 00-0760	EA		3" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	165.22	
32 93 43 00-0761	EA		3-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	182.61	
32 93 43 00-0762	EA		4" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	217.39	
32 93 43 00-0763	EA		4-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	256.52	
32 93 43 00-0764	EA		5" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	295.65	
32 93 43 00-0765	EA		2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	139.13	
32 93 43 00-0766	EA		2-1/2" Mary-Louise Parker Ulmus x 'Regal' - Regal Hybrid Elm.....	152.17	
32 93 43 00-0767	EA		3" Caliber Ulmus x 'Regal' - Regal Hybrid Elm.....	165.22	
32 93 43 00-0768	EA		3-1/2" Caliber Ulmus x 'Regal' - Regal Hybrid Elm.....	182.61	
32 93 43 00-0769	EA		4" Caliber Ulmus x 'Regal' - Regal Hybrid Elm.....	217.39	
32 93 43 00-0770	EA		4-1/2" Caliber Ulmus x 'Regal' - Regal Hybrid Elm.....	256.52	
32 93 43 00-0771	EA		5" Caliber Ulmus x 'Regal' - Regal Hybrid Elm.....	295.65	

**32 93 43 00-0772**

**Evergreen Trees (32 93 43)**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0773	EA		6' Abies balsamea - Balsam Fir.....	86.96	
32 93 43 00-0774	EA		7' Abies balsamea - Balsam Fir.....	108.70	
32 93 43 00-0775	EA		8' Abies balsamea - Balsam Fir.....	130.43	
32 93 43 00-0776	EA		9' Abies balsamea - Balsam Fir.....	173.91	
32 93 43 00-0777	EA		10' Abies balsamea - Balsam Fir.....	217.39	
32 93 43 00-0778	EA		12' Abies balsamea - Balsam Fir.....	260.87	
32 93 43 00-0779	EA		6' Abies concolor - White Fir.....	126.09	
32 93 43 00-0780	EA		7' Abies concolor - White Fir.....	143.48	
32 93 43 00-0781	EA		8' Abies concolor - White Fir.....	169.57	
32 93 43 00-0782	EA		9' Abies concolor - White Fir.....	195.65	
32 93 43 00-0783	EA		10' Abies concolor - White Fir.....	230.43	
32 93 43 00-0784	EA		12' Abies concolor - White Fir.....	282.61	
32 93 43 00-0785	EA		14' Abies concolor - White Fir.....	347.83	
32 93 43 00-0786	EA		16' Abies concolor - White Fir.....	391.30	
32 93 43 00-0787	EA		6' Abies fraseri - Frasier Fir.....	86.96	
32 93 43 00-0788	EA		7' Abies fraseri - Frasier Fir.....	108.70	
32 93 43 00-0789	EA		8' Abies fraseri - Frasier Fir.....	130.43	
32 93 43 00-0790	EA		9' Abies fraseri - Frasier Fir.....	173.91	
32 93 43 00-0791	EA		10' Abies fraseri - Frasier Fir.....	217.39	
32 93 43 00-0792	EA		12' Abies fraseri - Frasier Fir.....	260.87	
32 93 43 00-0793	EA		2' To 3' Cedrus atlantica - Blue Atlas Cedar.....	15.66	
32 93 43 00-0794	EA		3' To 4' Cedrus atlantica - Blue Atlas Cedar.....	25.18	
32 93 43 00-0795	EA		4' To 5' Cedrus atlantica - Blue Atlas Cedar.....	37.41	
32 93 43 00-0796	EA		5' To 6' Cedrus atlantica - Blue Atlas Cedar.....	50.32	
32 93 43 00-0797	EA		7' To 8' Cedrus atlantica - Blue Atlas Cedar.....	71.44	
32 93 43 00-0798	EA		5 Gallon Cedrus deodara - Indian Cedar.....	8.96	
32 93 43 00-0799	EA		6' To 8' Cedrus deodara - Indian Cedar.....	64.64	
32 93 43 00-0800	EA		8' To 10' Cedrus deodara - Indian Cedar.....	74.84	
32 93 43 00-0801	EA		10' To 12' Cedrus deodara - Indian Cedar.....	102.05	
32 93 43 00-0802	EA		12' To 14' Cedrus deodara - Indian Cedar.....	132.65	
32 93 43 00-0803	EA		14' To 16' Cedrus deodara - Indian Cedar.....	170.09	
32 93 43 00-0804	EA		15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress.....	20.21	
32 93 43 00-0805	EA		18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress.....	30.31	
32 93 43 00-0806	EA		2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress.....	47.15	
32 93 43 00-0807	EA		3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress.....	80.83	
32 93 43 00-0808	EA		4' To 5' Chamaecyparis pisifera - Sawara Cypress.....	24.49	
32 93 43 00-0809	EA		5' To 6' Chamaecyparis pisifera - Sawara Cypress.....	38.12	
32 93 43 00-0810	EA		6' To 7' Chamaecyparis pisifera - Sawara Cypress.....	47.61	
32 93 43 00-0811	EA		7' To 8' Chamaecyparis pisifera - Sawara Cypress.....	68.04	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0812	EA		1 Gallon Cleyera japonica - Japanese Cleyera .....	2.76	
32 93 43 00-0813	EA		3 Gallon Cleyera japonica - Japanese Cleyera .....	6.91	
32 93 43 00-0814	EA		7 Gallon Cleyera japonica - Japanese Cleyera .....	19.80	
32 93 43 00-0815	EA		5 Gallon Cupressocyparis leylandii - Leyland Cypress .....	11.12	
32 93 43 00-0816	EA		15 Gallon Cupressocyparis leylandii - Leyland Cypress .....	44.47	
32 93 43 00-0817	EA		4' To 5' Cupressocyparis leylandii - Leyland Cypress .....	19.46	
32 93 43 00-0818	EA		5' To 6' Cupressocyparis leylandii - Leyland Cypress .....	25.01	
32 93 43 00-0819	EA		6' To 7' Cupressocyparis leylandii - Leyland Cypress .....	38.91	
32 93 43 00-0820	EA		24" Box Cupressocyparis leylandii - Leyland Cypress .....	94.49	
32 93 43 00-0821	EA		1 Gallon Cupressus macrocarpa - Monterey Cypress .....	2.03	
32 93 43 00-0822	EA		5 Gallon Cupressus macrocarpa - Monterey Cypress .....	9.12	
32 93 43 00-0823	EA		15 Gallon Cupressus macrocarpa - Monterey Cypress .....	30.41	
32 93 43 00-0824	EA		5 Gallon Cupressus sempervirens - Italian Cypress .....	10.46	
32 93 43 00-0825	EA		15 Gallon Cupressus sempervirens - Italian Cypress .....	28.77	
32 93 43 00-0826	EA		1 Gallon Illicium anisatum - Anise Tree .....	2.99	
32 93 43 00-0827	EA		3 Gallon Illicium anisatum - Anise Tree .....	6.91	
32 93 43 00-0828	EA		1 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper .....	3.07	
32 93 43 00-0829	EA		2 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper .....	6.02	
32 93 43 00-0830	EA		3 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper .....	7.45	
32 93 43 00-0831	EA		5 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper .....	8.76	
32 93 43 00-0832	EA		1 Gallon Juniperus - Blue Sargent Juniper .....	3.07	
32 93 43 00-0833	EA		2 Gallon Juniperus - Blue Sargent Juniper .....	6.02	
32 93 43 00-0834	EA		3 Gallon Juniperus - Blue Sargent Juniper .....	7.45	
32 93 43 00-0835	EA		5 Gallon Juniperus - Blue Sargent Juniper .....	8.76	
32 93 43 00-0836	EA		5 Gallon Juniperus - Compact Pfitzer Juniper .....	8.76	
32 93 43 00-0837	EA		15" To 18" Juniperus - Compact Pfitzer Juniper .....	9.48	
32 93 43 00-0838	EA		18" To 24" Juniperus - Compact Pfitzer Juniper .....	11.44	
32 93 43 00-0839	EA		2' To 2 1/2' Juniperus - Compact Pfitzer Juniper .....	17.00	
32 93 43 00-0840	EA		2-1/2' To 3' Juniperus - Compact Pfitzer Juniper .....	19.68	
32 93 43 00-0841	EA		5' To 6' Juniperus - Fairview Juniper .....	29.32	
32 93 43 00-0842	EA		1 Gallon Juniperus - Hollywood Juniper .....	3.92	
32 93 43 00-0843	EA		5 Gallon Juniperus - Hollywood Juniper .....	10.92	
32 93 43 00-0844	EA		15 Gallon Juniperus - Hollywood Juniper .....	46.30	
32 93 43 00-0845	EA		4' To 5' Juniperus - Hollywood Juniper .....	30.60	
32 93 43 00-0846	EA		5' To 6' Juniperus - Hollywood Juniper .....	39.43	
32 93 43 00-0847	EA		1 Gallon Juniperus - Parson's Juniper .....	3.07	
32 93 43 00-0848	EA		2 Gallon Juniperus - Parson's Juniper .....	6.08	
32 93 43 00-0849	EA		3 Gallon Juniperus - Parson's Juniper .....	7.52	
32 93 43 00-0850	EA		5 Gallon Juniperus - Parson's Juniper .....	8.89	
32 93 43 00-0851	EA		5 Gallon Juniperus - Skyrocket Juniper .....	10.99	
32 93 43 00-0852	EA		15 Gallon Juniperus - Skyrocket Juniper .....	46.76	
32 93 43 00-0853	EA		2' To 3' Juniperus - Skyrocket Juniper .....	16.48	
32 93 43 00-0854	EA		3' To 4' Juniperus - Skyrocket Juniper .....	23.35	
32 93 43 00-0855	EA		4' To 5' Juniperus - Skyrocket Juniper .....	30.93	
32 93 43 00-0856	EA		5' To 6' Juniperus - Skyrocket Juniper .....	39.89	
32 93 43 00-0857	EA		6' To 8' Juniperus - Skyrocket Juniper .....	51.53	
32 93 43 00-0858	EA		1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper .....	3.07	
32 93 43 00-0859	EA		2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper .....	6.05	
32 93 43 00-0860	EA		3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper .....	7.42	
32 93 43 00-0861	EA		5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper .....	8.80	
32 93 43 00-0862	EA		1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper .....	3.07	
32 93 43 00-0863	EA		2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper .....	6.05	
32 93 43 00-0864	EA		3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper .....	7.42	
32 93 43 00-0865	EA		5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper .....	8.80	
32 93 43 00-0866	EA		2' To 3' Juniperus virginiana - Eastern Red Cedar .....	16.48	
32 93 43 00-0867	EA		3' To 4' Juniperus virginiana - Eastern Red Cedar .....	23.35	
32 93 43 00-0868	EA		4' To 5' Juniperus virginiana - Eastern Red Cedar .....	30.93	
32 93 43 00-0869	EA		5' To 6' Juniperus virginiana - Eastern Red Cedar .....	39.89	
32 93 43 00-0870	EA		5' Picea abies & cvs - Norway Spruce .....	95.65	
32 93 43 00-0871	EA		6' Picea abies & cvs - Norway Spruce .....	108.70	
32 93 43 00-0872	EA		7' Picea abies & cvs - Norway Spruce .....	130.43	
32 93 43 00-0873	EA		8' Picea abies & cvs - Norway Spruce .....	152.17	
32 93 43 00-0874	EA		9' Picea abies & cvs - Norway Spruce .....	204.35	
32 93 43 00-0875	EA		10' Picea abies & cvs - Norway Spruce .....	247.83	
32 93 43 00-0876	EA		12' Picea abies & cvs - Norway Spruce .....	304.35	
32 93 43 00-0877	EA		14' Picea abies & cvs - Norway Spruce .....	369.57	
32 93 43 00-0878	EA		6' Picea glauca - White Spruce .....	91.30	
32 93 43 00-0879	EA		7' Picea glauca - White Spruce .....	130.43	
32 93 43 00-0880	EA		8' Picea glauca - White Spruce .....	152.17	
32 93 43 00-0881	EA		9' Picea glauca - White Spruce .....	182.61	
32 93 43 00-0882	EA		10' Picea glauca - White Spruce .....	217.39	
32 93 43 00-0883	EA		12' Picea glauca - White Spruce .....	260.87	
32 93 43 00-0884	EA		4' Picea glauca densata - Black Hills Spruce .....	52.17	
32 93 43 00-0885	EA		5' Picea glauca densata - Black Hills Spruce .....	78.26	
32 93 43 00-0886	EA		6' Picea glauca densata - Black Hills Spruce .....	117.39	
32 93 43 00-0887	EA		7' Picea glauca densata - Black Hills Spruce .....	139.13	
32 93 43 00-0888	EA		8' Picea glauca densata - Black Hills Spruce .....	160.87	
32 93 43 00-0889	EA		9' Picea glauca densata - Black Hills Spruce .....	178.26	
32 93 43 00-0890	EA		10' Picea glauca densata - Black Hills Spruce .....	195.65	
32 93 43 00-0891	EA		6' Picea omorika & cvs - Serbian Spruce .....	117.39	
32 93 43 00-0892	EA		7' Picea omorika & cvs - Serbian Spruce .....	130.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0893 EA 8' Picea omorika & cvs - Serbian Spruce.....	156.52	
32 93 43 00-0894 EA 9' Picea omorika & cvs - Serbian Spruce.....	182.61	
32 93 43 00-0895 EA 10' Picea omorika & cvs - Serbian Spruce.....	208.70	
32 93 43 00-0896 EA 5' Picea pungens - Colorado Green Spruce.....	95.65	
32 93 43 00-0897 EA 6' Picea pungens - Colorado Green Spruce.....	121.74	
32 93 43 00-0898 EA 7' Picea pungens - Colorado Green Spruce.....	143.48	
32 93 43 00-0899 EA 8' Picea pungens - Colorado Green Spruce.....	165.22	
32 93 43 00-0900 EA 9' Picea pungens - Colorado Green Spruce.....	191.30	
32 93 43 00-0901 EA 10' Picea pungens - Colorado Green Spruce.....	360.87	
32 93 43 00-0902 EA 12' Picea pungens - Colorado Green Spruce.....	260.87	
32 93 43 00-0903 EA 14' Picea pungens - Colorado Green Spruce.....	304.35	
32 93 43 00-0904 EA 16' Picea pungens - Colorado Green Spruce.....	391.30	
32 93 43 00-0905 EA 5' Picea pungens glauca & cvs - Colorado Blue Spruce.....	95.65	
32 93 43 00-0906 EA 6' Picea pungens glauca & cvs - Colorado Blue Spruce.....	130.43	
32 93 43 00-0907 EA 7' Picea pungens glauca & cvs - Colorado Blue Spruce.....	152.17	
32 93 43 00-0908 EA 8' Picea pungens glauca & cvs - Colorado Blue Spruce.....	173.91	
32 93 43 00-0909 EA 9' Picea pungens glauca & cvs - Colorado Blue Spruce.....	195.65	
32 93 43 00-0910 EA 10' Picea pungens glauca & cvs - Colorado Blue Spruce.....	239.13	
32 93 43 00-0911 EA 12' Picea pungens glauca & cvs - Colorado Blue Spruce.....	304.35	
32 93 43 00-0912 EA 16' Picea pungens glauca & cvs - Colorado Blue Spruce.....	466.52	
32 93 43 00-0913 EA 2' Pinus strobus - Pyramidal White Pine.....	12.04	
32 93 43 00-0914 EA 3' Pinus strobus - Pyramidal White Pine.....	16.09	
32 93 43 00-0915 EA 4' Pinus strobus - Pyramidal White Pine.....	17.75	
32 93 43 00-0916 EA 5' Pinus strobus - Pyramidal White Pine.....	19.41	
32 93 43 00-0917 EA 6' Pinus strobus - Pyramidal White Pine.....	24.18	
32 93 43 00-0918 EA 7' Pinus strobus - Pyramidal White Pine.....	32.18	
32 93 43 00-0919 EA 8' Pinus strobus - Pyramidal White Pine.....	44.22	
32 93 43 00-0920 EA 10' Pinus strobus - Pyramidal White Pine.....	88.23	
32 93 43 00-0921 EA 12' Pinus strobus - Pyramidal White Pine.....	209.68	
32 93 43 00-0922 EA 14' Pinus strobus - Pyramidal White Pine.....	281.30	
32 93 43 00-0923 EA 16' Pinus strobus - Pyramidal White Pine.....	338.39	
32 93 43 00-0924 EA 2' Pinus strobus - White Pine.....	18.50	
32 93 43 00-0925 EA 3' Pinus strobus - White Pine.....	26.40	
32 93 43 00-0926 EA 4' Pinus strobus - White Pine.....	42.10	
32 93 43 00-0927 EA 5' Pinus strobus - White Pine.....	60.00	
32 93 43 00-0928 EA 6' Pinus strobus - White Pine.....	88.00	
32 93 43 00-0929 EA 7' Pinus strobus - White Pine.....	105.00	
32 93 43 00-0930 EA 8' Pinus strobus - White Pine.....	142.00	
32 93 43 00-0931 EA 10' Pinus strobus - White Pine.....	191.00	
32 93 43 00-0932 EA 12' Pinus strobus - White Pine.....	253.00	
32 93 43 00-0933 EA 14' Pinus strobus - White Pine.....	310.00	
32 93 43 00-0934 EA 16' Pinus strobus - White Pine.....	377.00	
32 93 43 00-0935 EA 3' Pinus sylvestris - Scotch Pine.....	28.57	
32 93 43 00-0936 EA 4' Pinus sylvestris - Scotch Pine.....	39.65	
32 93 43 00-0937 EA 5' Pinus sylvestris - Scotch Pine.....	55.65	
32 93 43 00-0938 EA 6' Pinus sylvestris - Scotch Pine.....	77.22	
32 93 43 00-0939 EA 7' Pinus sylvestris - Scotch Pine.....	94.61	
32 93 43 00-0940 EA 8' Pinus sylvestris - Scotch Pine.....	133.57	
32 93 43 00-0941 EA 9' Pinus sylvestris - Scotch Pine.....	169.57	
32 93 43 00-0942 EA 10' Pinus sylvestris - Scotch Pine.....	195.65	
32 93 43 00-0943 EA 12' Pinus sylvestris - Scotch Pine.....	230.43	
32 93 43 00-0944 EA 14' Pinus sylvestris - Scotch Pine.....	260.87	
32 93 43 00-0945 EA 16' Pinus sylvestris - Scotch Pine.....	304.35	
32 93 43 00-0946 EA 5' To 6' Pinus taeda - Loblolly Pine.....	12.43	
32 93 43 00-0947 EA 1 Gallon Pinus thunbergiana - Japanese Black Pine.....	3.07	
32 93 43 00-0948 EA 5 Gallon Pinus thunbergiana - Japanese Black Pine.....	10.92	
32 93 43 00-0949 EA 15 Gallon Pinus thunbergiana - Japanese Black Pine.....	35.38	
32 93 43 00-0950 EA 2' To 3' Pinus thunbergiana - Japanese Black Pine.....	14.98	
32 93 43 00-0951 EA 3' To 4' Pinus thunbergiana - Japanese Black Pine.....	19.03	
32 93 43 00-0952 EA 4' To 5' Pinus thunbergiana - Japanese Black Pine.....	28.58	
32 93 43 00-0953 EA 5' To 6' Pinus thunbergiana - Japanese Black Pine.....	55.78	
32 93 43 00-0954 EA 6' To 7' Pinus Thunbergiana - Japanese Black Pine.....	62.58	
32 93 43 00-0955 EA 7' To 8' Pinus thunbergiana - Japanese Black Pine.....	78.21	
32 93 43 00-0956 EA 4' Pinus cembra - Swiss Stone Pine.....	73.91	
32 93 43 00-0957 EA 5' Pinus cembra - Swiss Stone Pine.....	91.30	
32 93 43 00-0958 EA 6' Pinus cembra - Swiss Stone Pine.....	113.04	
32 93 43 00-0959 EA 6' Pinus flexilis & cvs - Limber Pine.....	108.70	
32 93 43 00-0960 EA 7' Pinus flexilis & cvs - Limber Pine.....	126.09	
32 93 43 00-0961 EA 8' Pinus flexilis & cvs - Limber Pine.....	156.52	
32 93 43 00-0962 EA 9' Pinus flexilis & cvs - Limber Pine.....	191.30	
32 93 43 00-0963 EA 10' Pinus flexilis & cvs - Limber Pine.....	217.39	
32 93 43 00-0964 EA 1 Gallon Pinus mugo - Mugho Pine.....	4.05	
32 93 43 00-0965 EA 2 Gallon Pinus mugo - Mugho Pine.....	8.57	
32 93 43 00-0966 EA 3 Gallon Pinus mugo - Mugho Pine.....	10.72	
32 93 43 00-0967 EA 5 Gallon Pinus mugo - Mugho Pine.....	13.60	
32 93 43 00-0968 EA 12" To 15" Spread Pinus mugo - Mugho Pine.....	10.53	
32 93 43 00-0969 EA 15" To 18" Spread Pinus mugo - Mugho Pine.....	12.56	
32 93 43 00-0970 EA 18" To 24" Spread Pinus mugo - Mugho Pine.....	17.00	
32 93 43 00-0971 EA 2' To 2-1/2' Spread Pinus mugo - Mugho Pine.....	23.80	
32 93 43 00-0972 EA 2-1/2' To 3' Spread Pinus mugo - Mugho Pine.....	30.60	
32 93 43 00-0973 EA 3' To 3-1/2' Spread Pinus mugo - Mugho Pine.....	38.12	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0974	EA		3-1/2' To 4' Spread Pinus mugo - Mugho Pine.....	46.30	
32 93 43 00-0975	EA		6' Pinus nigra - Austrian Pine.....	108.70	
32 93 43 00-0976	EA		7' Pinus nigra - Austrian Pine.....	130.43	
32 93 43 00-0977	EA		8' Pinus nigra - Austrian Pine.....	169.57	
32 93 43 00-0978	EA		9' Pinus nigra - Austrian Pine.....	195.65	
32 93 43 00-0979	EA		10' Pinus nigra - Austrian Pine.....	230.43	
32 93 43 00-0980	EA		12' Pinus nigra - Austrian Pine.....	260.87	
32 93 43 00-0981	EA		14' Pinus nigra - Austrian Pine.....	291.30	
32 93 43 00-0982	EA		16' Pinus nigra - Austrian Pine.....	330.43	
32 93 43 00-0983	EA		5' Pinus peuce - Macedonian Pine.....	134.78	
32 93 43 00-0984	EA		6' Pinus peuce - Macedonian Pine.....	169.57	
32 93 43 00-0985	EA		7' Pinus peuce - Macedonian Pine.....	195.65	
32 93 43 00-0986	EA		8' Pinus peuce - Macedonian Pine.....	221.74	
32 93 43 00-0987	EA		9' Pinus peuce - Macedonian Pine.....	256.52	
32 93 43 00-0988	EA		1 Gallon Podocarpus - Chinese Podocarpus.....	2.03	
32 93 43 00-0989	EA		3 Gallon Podocarpus - Chinese Podocarpus.....	4.71	
32 93 43 00-0990	EA		7 Gallon Podocarpus - Chinese Podocarpus.....	13.60	
32 93 43 00-0991	EA		15 Gallon Podocarpus - Chinese Podocarpus.....	22.10	
32 93 43 00-0992	EA		4' To 5' Podocarpus - Chinese Podocarpus.....	34.00	
32 93 43 00-0993	EA		5' Pseudotsuga menziesii - Douglas Fir.....	86.96	
32 93 43 00-0994	EA		6' Pseudotsuga menziesii - Douglas Fir.....	104.35	
32 93 43 00-0995	EA		7' Pseudotsuga menziesii - Douglas Fir.....	130.43	
32 93 43 00-0996	EA		8' Pseudotsuga menziesii - Douglas Fir.....	156.52	
32 93 43 00-0997	EA		9' Pseudotsuga menziesii - Douglas Fir.....	195.65	
32 93 43 00-0998	EA		10' Pseudotsuga menziesii - Douglas Fir.....	230.43	
32 93 43 00-0999	EA		12' Pseudotsuga menziesii - Douglas Fir.....	260.87	
32 93 43 00-1000	EA		5' To 6' Sequoia sempervirens - Dawn Redwood.....	42.51	
32 93 43 00-1001	EA		6' To 8' Sequoia sempervirens - Dawn Redwood.....	57.38	
32 93 43 00-1002	EA		8' To 10 Sequoia sempervirens - Dawn Redwood.....	70.14	
32 93 43 00-1003	EA		3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae.....	8.20	
32 93 43 00-1004	EA		5' To 6' Taxodium distichum & cvs - Bald Cypress.....	30.21	
32 93 43 00-1005	EA		6' To 7' Taxodium distichum & cvs - Bald Cypress.....	37.77	
32 93 43 00-1006	EA		7' To 8' Taxodium distichum & cvs - Bald Cypress.....	46.69	
32 93 43 00-1007	EA		8' To 10' Taxodium distichum & cvs - Bald Cypress.....	59.08	
32 93 43 00-1008	EA		6' Tsuga canadensis - Northern Hemlock.....	86.96	
32 93 43 00-1009	EA		7' Tsuga canadensis - Northern Hemlock.....	108.70	
32 93 43 00-1010	EA		8' Tsuga canadensis - Northern Hemlock.....	147.83	
32 93 43 00-1011	EA		9' Tsuga canadensis - Northern Hemlock.....	173.91	
32 93 43 00-1012	EA		10' Tsuga canadensis - Northern Hemlock.....	195.65	
32 93 43 00-1013	EA		12' Tsuga canadensis - Northern Hemlock.....	217.39	
32 93 43 00-1014	EA		3' To 4' Thuja occidentalis 'Woodwardii' - Woodward Arborvitae.....	8.20	

**32 93 43 00-1015****Palm And Subtropical Trees** (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1016	EA		4' To 5' Archontophoenix cunninghamiana - King Palm.....	49.50	
32 93 43 00-1017	EA		6' To 8' Archontophoenix cunninghamiana - King Palm.....	77.00	
32 93 43 00-1018	EA		8' To 10' Archontophoenix cunninghamiana - King Palm.....	99.00	
32 93 43 00-1019	EA		10' To 12' Archontophoenix cunninghamiana - King Palm.....	132.00	
32 93 43 00-1020	EA		10' To 16' Sabal palmetto - Cabbage Palm.....	77.32	
32 93 43 00-1021	EA		12' To 16' Cocos nucifera - Coconut Palm.....	210.87	
32 93 43 00-1022	EA		3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm.....	105.00	
32 93 43 00-1023	EA		5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm.....	165.00	
32 93 43 00-1024	EA		3' To 4' Chamaerops humilis - European Fan Palm.....	90.00	
32 93 43 00-1025	EA		5' To 6' Chamaerops humilis - European Fan Palm.....	120.00	
32 93 43 00-1026	EA		7' To 8' Chamaerops humilis - European Fan Palm.....	280.00	
32 93 43 00-1027	EA		9' To 10' Chamaerops humilis - European Fan Palm.....	480.00	
32 93 43 00-1028	EA		6' To 7' Thrinax morrisii - Key Thatch Palm.....	210.00	
32 93 43 00-1029	EA		8' To 9' Thrinax morrisii - Key Thatch Palm.....	270.00	
32 93 43 00-1030	EA		10' To 11' Thrinax morrisii - Key Thatch Palm.....	330.00	
32 93 43 00-1031	EA		4' To 5' Rhaps excelsa - Lady Palm.....	190.00	
32 93 43 00-1032	EA		6' To 7' Rhaps excelsa - Lady Palm.....	270.00	
32 93 43 00-1033	EA		6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	70.00	
32 93 43 00-1034	EA		8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	140.00	
32 93 43 00-1035	EA		10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	180.00	
32 93 43 00-1036	EA		12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	250.00	
32 93 43 00-1037	EA		4' To 5' Arecastrum romanzoffianum - Queen Palm.....	37.50	
32 93 43 00-1038	EA		6' To 8' Arecastrum romanzoffianum - Queen Palm.....	52.50	
32 93 43 00-1039	EA		8' To 10' Arecastrum romanzoffianum - Queen Palm.....	67.50	
32 93 43 00-1040	EA		10' To 12' Arecastrum romanzoffianum - Queen Palm.....	82.50	
32 93 43 00-1041	EA		12' To 14' Arecastrum romanzoffianum - Queen Palm.....	100.00	
32 93 43 00-1042	EA		14' To 16' Arecastrum romanzoffianum - Queen Palm.....	125.00	
32 93 43 00-1043	EA		8' To 9' Roystonea regia - Royal Palm.....	153.00	
32 93 43 00-1044	EA		10' To 11' Roystonea regia - Royal Palm.....	187.00	
32 93 43 00-1045	EA		12' To 13' Roystonea regia - Royal Palm.....	221.00	
32 93 43 00-1046	EA		14' To 15' Roystonea regia - Royal Palm.....	255.00	
32 93 43 00-1047	EA		16' To 17' Roystonea regia - Royal Palm.....	289.00	
32 93 43 00-1048	EA		18' To 19' Roystonea regia - Royal Palm.....	323.00	
32 93 43 00-1049	EA		20' To 21' Roystonea regia - Royal Palm.....	357.00	





<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Plants		32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**32 93 53 Planting Of Trees, Shrubs And Ground Cover <sup>(32 93)</sup>**

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

<b>32 93 53 00-0001</b>	<b>Planting Trees <sup>(32 93 53)</sup></b>	
	Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.	
32 93 53 00-0002	EA 3" To 5" Bare Root Seedlings Tree Planting.....	0.60
32 93 53 00-0003	EA 6" To 10" Bare Root Seedlings Tree Planting.....	0.98
32 93 53 00-0004	EA 11" To 16" Bare Root Seedlings Tree Planting.....	1.22
32 93 53 00-0005	EA 17" To 24" Bare Root Seedlings Tree Planting.....	1.95
32 93 53 00-0006	EA 1 Gallon Container Tree Planting.....	9.73
	For >10 To 25, Deduct	-0.49
	For >25 To 50, Deduct	-1.22
	For >50 To 100, Deduct	-1.95
	For >100, Deduct	-2.92
32 93 53 00-0007	EA 2 Gallon Container Tree Planting.....	13.63
	For >10 To 25, Deduct	-0.68
	For >25 To 50, Deduct	-1.70
	For >50 To 100, Deduct	-2.73
	For >100, Deduct	-4.09
32 93 53 00-0008	EA 3 Gallon Container Tree Planting.....	17.52
	For >10 To 25, Deduct	-0.88
	For >25 To 50, Deduct	-2.19
	For >50 To 100, Deduct	-3.50
	For >100, Deduct	-5.26
32 93 53 00-0009	EA 5 Gallon Container Tree Planting.....	29.19
	For >10 To 25, Deduct	-1.46
	For >25 To 50, Deduct	-3.65
	For >50 To 100, Deduct	-5.84
	For >100, Deduct	-8.76
32 93 53 00-0010	EA 7 Gallon Container Tree Planting.....	38.93
	For >10 To 25, Deduct	-1.95
	For >25 To 50, Deduct	-4.87
	For >50 To 100, Deduct	-7.79
	For >100, Deduct	-11.68
32 93 53 00-0011	EA 10 Gallon Container Tree Planting.....	50.60
	For >10 To 25, Deduct	-2.53
	For >25 To 50, Deduct	-6.33
	For >50 To 100, Deduct	-10.12
	For >100, Deduct	-15.18
32 93 53 00-0012	EA 15 Gallon Container Tree Planting.....	72.01
	For >10 To 25, Deduct	-3.60
	For >25 To 50, Deduct	-9.00
	For >50 To 100, Deduct	-14.40
	For >100, Deduct	-21.60
32 93 53 00-0013	EA 20 Gallon Container Tree Planting.....	118.72
	For >10 To 25, Deduct	-5.94
	For >25 To 50, Deduct	-14.84
	For >50 To 100, Deduct	-23.74
	For >100, Deduct	-35.62
32 93 53 00-0014	EA 25 Gallon Container Tree Planting.....	153.75
	For >10 To 25, Deduct	-7.69
	For >25 To 50, Deduct	-19.22
	For >50 To 100, Deduct	-30.75
	For >100, Deduct	-46.13
32 93 53 00-0015	EA 30 Gallon Container Tree Planting.....	184.89
	For >10 To 25, Deduct	-9.24
	For >25 To 50, Deduct	-23.11
	For >50 To 100, Deduct	-36.98
	For >100, Deduct	-55.47
32 93 53 00-0016	EA 45 Gallon Container Tree Planting.....	229.65
	For >10 To 25, Deduct	-11.48
	For >25 To 50, Deduct	-28.71
	For >50 To 100, Deduct	-45.93
	For >100, Deduct	-68.90
32 93 53 00-0017	EA 65 Gallon Container Tree Planting.....	272.47
	For >10 To 25, Deduct	-13.62
	For >25 To 50, Deduct	-34.06
	For >50 To 100, Deduct	-54.49
	For >100, Deduct	-81.74
32 93 53 00-0018	EA 6' Balled And Burlapped Tree Planting.....	97.31
	For >10 To 25, Deduct	-4.87
	For >25 To 50, Deduct	-12.16
	For >50 To 100, Deduct	-19.46
	For >100, Deduct	-29.19
32 93 53 00-0019	EA 7' Balled And Burlapped Tree Planting.....	129.63
	For >10 To 25, Deduct	-6.48
	For >25 To 50, Deduct	-16.20
	For >50 To 100, Deduct	-25.93
	For >100, Deduct	-38.89
32 93 53 00-0020	EA 8' Balled And Burlapped Tree Planting.....	145.97
	For >10 To 25, Deduct	-7.30
	For >25 To 50, Deduct	-18.25
	For >50 To 100, Deduct	-29.19
	For >100, Deduct	-43.79

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0021 EA 10' Balled And Burlapped Tree Planting .....	170.29	
For >10 To 25, Deduct	-8.51	
For >25 To 50, Deduct	-21.29	
For >50 To 100, Deduct	-34.06	
For >100, Deduct	-51.09	
32 93 53 00-0022 EA 12' Balled And Burlapped Tree Planting .....	227.71	
For >10 To 25, Deduct	-11.39	
For >25 To 50, Deduct	-28.46	
For >50 To 100, Deduct	-45.54	
For >100, Deduct	-68.31	
32 93 53 00-0023 EA 14' Balled And Burlapped Tree Planting .....	260.80	
For >10 To 25, Deduct	-13.04	
For >25 To 50, Deduct	-32.60	
For >50 To 100, Deduct	-52.16	
For >100, Deduct	-78.24	
32 93 53 00-0024 EA 16' Balled And Burlapped Tree Planting .....	316.27	
For >10 To 25, Deduct	-15.81	
For >25 To 50, Deduct	-39.53	
For >50 To 100, Deduct	-63.25	
For >100, Deduct	-94.88	
32 93 53 00-0025 EA 18' Balled And Burlapped Tree Planting .....	379.52	
For >10 To 25, Deduct	-18.98	
For >25 To 50, Deduct	-47.44	
For >50 To 100, Deduct	-75.90	
For >100, Deduct	-113.86	
32 93 53 00-0026 EA 20' Balled And Burlapped Tree Planting .....	437.91	
For >10 To 25, Deduct	-21.90	
For >25 To 50, Deduct	-54.74	
For >50 To 100, Deduct	-87.58	
For >100, Deduct	-131.37	
32 93 53 00-0027 EA 1-1/2" Caliber Balled And Burlapped Tree Planting .....	145.97	
For >10 To 25, Deduct	-7.30	
For >25 To 50, Deduct	-18.25	
For >50 To 100, Deduct	-29.19	
For >100, Deduct	-43.79	
32 93 53 00-0028 EA 2" Caliber Balled And Burlapped Tree Planting .....	170.29	
For >10 To 25, Deduct	-8.51	
For >25 To 50, Deduct	-21.29	
For >50 To 100, Deduct	-34.06	
For >100, Deduct	-51.09	
32 93 53 00-0029 EA 2-1/2" Caliber Balled And Burlapped Tree Planting .....	228.69	
For >10 To 25, Deduct	-11.43	
For >25 To 50, Deduct	-28.59	
For >50 To 100, Deduct	-45.74	
For >100, Deduct	-68.61	
32 93 53 00-0030 EA 3" Caliber Balled And Burlapped Tree Planting .....	262.74	
For >10 To 25, Deduct	-13.14	
For >25 To 50, Deduct	-32.84	
For >50 To 100, Deduct	-52.55	
For >100, Deduct	-78.82	
32 93 53 00-0031 EA 3-1/2" Caliber Balled And Burlapped Tree Planting .....	291.94	
For >10 To 25, Deduct	-14.60	
For >25 To 50, Deduct	-36.49	
For >50 To 100, Deduct	-58.39	
For >100, Deduct	-87.58	
32 93 53 00-0032 EA 4" Caliber Balled And Burlapped Tree Planting .....	334.75	
For >10 To 25, Deduct	-16.74	
For >25 To 50, Deduct	-41.84	
For >50 To 100, Deduct	-66.95	
For >100, Deduct	-100.43	
<b>32 93 53 00-0033 Planting Shrubs</b> <small>(32 93 53)</small>		
Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 53 00-0034 EA 1 Gallon Container Shrub Planting .....	8.28	
For >10 To 25, Deduct	-0.41	
For >25 To 50, Deduct	-1.04	
For >50 To 100, Deduct	-1.66	
For >100, Deduct	-2.48	
32 93 53 00-0035 EA 2 Gallon Container Shrub Planting .....	11.68	
For >10 To 25, Deduct	-0.58	
For >25 To 50, Deduct	-1.46	
For >50 To 100, Deduct	-2.34	
For >100, Deduct	-3.50	
32 93 53 00-0036 EA 3 Gallon Container Shrub Planting .....	14.60	
For >10 To 25, Deduct	-0.73	
For >25 To 50, Deduct	-1.83	
For >50 To 100, Deduct	-2.92	
For >100, Deduct	-4.38	
32 93 53 00-0037 EA 4 Gallon Container Shrub Planting .....	19.46	
For >10 To 25, Deduct	-0.97	
For >25 To 50, Deduct	-2.43	
For >50 To 100, Deduct	-3.89	
For >100, Deduct	-5.84	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0038 EA 5 Gallon Container Shrub Planting .....	24.33	
For >10 To 25, Deduct	-1.22	
For >25 To 50, Deduct	-3.04	
For >50 To 100, Deduct	-4.87	
For >100, Deduct	-7.30	
32 93 53 00-0039 EA 7 Gallon Container Shrub Planting .....	33.09	
For >10 To 25, Deduct	-1.65	
For >25 To 50, Deduct	-4.14	
For >50 To 100, Deduct	-6.62	
For >100, Deduct	-9.93	
32 93 53 00-0040 EA 10 Gallon Container Shrub Planting .....	43.79	
For >10 To 25, Deduct	-2.19	
For >25 To 50, Deduct	-5.47	
For >50 To 100, Deduct	-8.76	
For >100, Deduct	-13.14	
32 93 53 00-0041 EA 15 Gallon Container Shrub Planting .....	60.34	
For >10 To 25, Deduct	-3.02	
For >25 To 50, Deduct	-7.54	
For >50 To 100, Deduct	-12.07	
For >100, Deduct	-18.10	
32 93 53 00-0042 EA 20 Gallon Container Shrub Planting .....	101.21	
For >10 To 25, Deduct	-5.06	
For >25 To 50, Deduct	-12.65	
For >50 To 100, Deduct	-20.24	
For >100, Deduct	-30.36	
32 93 53 00-0043 EA 25 Gallon Container Shrub Planting .....	129.63	
For >10 To 25, Deduct	-6.48	
For >25 To 50, Deduct	-16.20	
For >50 To 100, Deduct	-25.93	
For >100, Deduct	-38.89	
32 93 53 00-0044 EA 15" Balled And Burlapped Shrub Planting .....	27.25	
For >10 To 25, Deduct	-1.36	
For >25 To 50, Deduct	-3.41	
For >50 To 100, Deduct	-5.45	
For >100, Deduct	-8.18	
32 93 53 00-0045 EA 18" Balled And Burlapped Shrub Planting .....	28.22	
For >10 To 25, Deduct	-1.41	
For >25 To 50, Deduct	-3.53	
For >50 To 100, Deduct	-5.64	
For >100, Deduct	-8.47	
32 93 53 00-0046 EA 24" Balled And Burlapped Shrub Planting .....	31.14	
For >10 To 25, Deduct	-1.56	
For >25 To 50, Deduct	-3.89	
For >50 To 100, Deduct	-6.23	
For >100, Deduct	-9.34	
32 93 53 00-0047 EA 30" Balled And Burlapped Shrub Planting .....	31.14	
For >10 To 25, Deduct	-1.56	
For >25 To 50, Deduct	-3.89	
For >50 To 100, Deduct	-6.23	
For >100, Deduct	-9.34	
32 93 53 00-0048 EA 36" Balled And Burlapped Shrub Planting .....	34.06	
For >10 To 25, Deduct	-1.70	
For >25 To 50, Deduct	-4.26	
For >50 To 100, Deduct	-6.81	
For >100, Deduct	-10.22	
32 93 53 00-0049 EA 42" Balled And Burlapped Shrub Planting .....	36.00	
For >10 To 25, Deduct	-1.80	
For >25 To 50, Deduct	-4.50	
For >50 To 100, Deduct	-7.20	
For >100, Deduct	-10.80	
32 93 53 00-0050 EA 48" Balled And Burlapped Shrub Planting .....	38.93	
For >10 To 25, Deduct	-1.95	
For >25 To 50, Deduct	-4.87	
For >50 To 100, Deduct	-7.79	
For >100, Deduct	-11.68	
32 93 53 00-0051 EA 5' Balled And Burlapped Shrub Planting .....	58.39	
For >10 To 25, Deduct	-2.92	
For >25 To 50, Deduct	-7.30	
For >50 To 100, Deduct	-11.68	
For >100, Deduct	-17.52	
32 93 53 00-0052 EA 6' Balled And Burlapped Shrub Planting .....	82.71	
For >10 To 25, Deduct	-4.14	
For >25 To 50, Deduct	-10.34	
For >50 To 100, Deduct	-16.54	
For >100, Deduct	-24.81	
32 93 53 00-0053 EA 7' Balled And Burlapped Shrub Planting .....	109.97	
For >10 To 25, Deduct	-5.50	
For >25 To 50, Deduct	-13.75	
For >50 To 100, Deduct	-21.99	
For >100, Deduct	-32.99	
32 93 53 00-0054 EA 8' Balled And Burlapped Shrub Planting .....	124.56	
For >10 To 25, Deduct	-6.23	
For >25 To 50, Deduct	-15.57	
For >50 To 100, Deduct	-24.91	
For >100, Deduct	-37.37	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 93 53 00-0055	EA 9' Balled And Burlapped Shrub Planting .....	134.29	
	<i>For &gt;10 To 25, Deduct</i>	-6.71	
	<i>For &gt;25 To 50, Deduct</i>	-16.79	
	<i>For &gt;50 To 100, Deduct</i>	-26.86	
	<i>For &gt;100, Deduct</i>	-40.29	
32 93 53 00-0056	EA 10' Balled And Burlapped Shrub Planting .....	145.97	
	<i>For &gt;10 To 25, Deduct</i>	-7.30	
	<i>For &gt;25 To 50, Deduct</i>	-18.25	
	<i>For &gt;50 To 100, Deduct</i>	-29.19	
	<i>For &gt;100, Deduct</i>	-43.79	
<b>32 93 53 00-0057</b>	<b>Planting Groundcover, Vines, Perennials, Annuals And Bulbs</b> <small>(32 93 53)</small>		
	See CSI section 32 91 13 16-0001 for mulch.		
32 93 53 00-0058	EA 2-1/4" Diameter Potted Groundcover And Flower Planting .....	0.81	
	<i>For &gt;10 To 25, Deduct</i>	-0.04	
	<i>For &gt;25 To 50, Deduct</i>	-0.10	
	<i>For &gt;50 To 100, Deduct</i>	-0.16	
	<i>For &gt;100, Deduct</i>	-0.24	
32 93 53 00-0059	EA 3" Diameter Potted Groundcover And Flower Planting .....	0.92	
	<i>For &gt;10 To 25, Deduct</i>	-0.05	
	<i>For &gt;25 To 50, Deduct</i>	-0.12	
	<i>For &gt;50 To 100, Deduct</i>	-0.18	
	<i>For &gt;100, Deduct</i>	-0.28	
32 93 53 00-0060	EA 4" Diameter Potted Groundcover And Flower Planting .....	1.09	
	<i>For &gt;10 To 25, Deduct</i>	-0.05	
	<i>For &gt;25 To 50, Deduct</i>	-0.14	
	<i>For &gt;50 To 100, Deduct</i>	-0.22	
	<i>For &gt;100, Deduct</i>	-0.33	
32 93 53 00-0061	EA 5-1/2" Diameter Potted Groundcover And Flower Planting .....	1.30	
	<i>For &gt;10 To 25, Deduct</i>	-0.07	
	<i>For &gt;25 To 50, Deduct</i>	-0.16	
	<i>For &gt;50 To 100, Deduct</i>	-0.26	
	<i>For &gt;100, Deduct</i>	-0.39	
32 93 53 00-0062	EA 6" Diameter Potted Groundcover And Flower Planting .....	1.62	
	<i>For &gt;10 To 25, Deduct</i>	-0.08	
	<i>For &gt;25 To 50, Deduct</i>	-0.20	
	<i>For &gt;50 To 100, Deduct</i>	-0.32	
	<i>For &gt;100, Deduct</i>	-0.49	
32 93 53 00-0063	EA 8" Diameter Potted Groundcover And Flower Planting .....	2.43	
	<i>For &gt;10 To 25, Deduct</i>	-0.12	
	<i>For &gt;25 To 50, Deduct</i>	-0.30	
	<i>For &gt;50 To 100, Deduct</i>	-0.49	
	<i>For &gt;100, Deduct</i>	-0.73	
32 93 53 00-0064	EA 1 Gallon Container Groundcover And Flower Planting .....	7.78	
	<i>For &gt;10 To 25, Deduct</i>	-0.39	
	<i>For &gt;25 To 50, Deduct</i>	-0.97	
	<i>For &gt;50 To 100, Deduct</i>	-1.56	
	<i>For &gt;100, Deduct</i>	-2.33	
32 93 53 00-0065	EA 2 Gallon Container Groundcover And Flower Planting .....	10.70	
	<i>For &gt;10 To 25, Deduct</i>	-0.54	
	<i>For &gt;25 To 50, Deduct</i>	-1.34	
	<i>For &gt;50 To 100, Deduct</i>	-2.14	
	<i>For &gt;100, Deduct</i>	-3.21	
32 93 53 00-0066	EA 3 Gallon Container Groundcover And Flower Planting .....	13.63	
	<i>For &gt;10 To 25, Deduct</i>	-0.68	
	<i>For &gt;25 To 50, Deduct</i>	-1.70	
	<i>For &gt;50 To 100, Deduct</i>	-2.73	
	<i>For &gt;100, Deduct</i>	-4.09	
32 93 53 00-0067	EA 4 Gallon Container Groundcover And Flower Planting .....	17.52	
	<i>For &gt;10 To 25, Deduct</i>	-0.88	
	<i>For &gt;25 To 50, Deduct</i>	-2.19	
	<i>For &gt;50 To 100, Deduct</i>	-3.50	
	<i>For &gt;100, Deduct</i>	-5.26	
32 93 53 00-0068	EA 5 Gallon Container Groundcover And Flower Planting .....	21.41	
	<i>For &gt;10 To 25, Deduct</i>	-1.07	
	<i>For &gt;25 To 50, Deduct</i>	-2.68	
	<i>For &gt;50 To 100, Deduct</i>	-4.28	
	<i>For &gt;100, Deduct</i>	-6.42	
32 93 53 00-0069	EA 7 Gallon Container Groundcover And Flower Planting .....	29.19	
	<i>For &gt;10 To 25, Deduct</i>	-1.46	
	<i>For &gt;25 To 50, Deduct</i>	-3.65	
	<i>For &gt;50 To 100, Deduct</i>	-5.84	
	<i>For &gt;100, Deduct</i>	-8.76	
32 93 53 00-0070	EA Up To 25 Each Bulb Planting .....	0.48	
32 93 53 00-0071	EA 26 To 50 Each Bulb Planting .....	0.43	
32 93 53 00-0072	LOT Lots Of 50 Bulb Planting .....	18.13	
32 93 53 00-0073	LOT Lots Of 60 Bulb Planting .....	21.76	
32 93 53 00-0074	LOT Lots Of 100 Bulb Planting .....	32.64	
32 93 53 00-0075	EA Flats Of 24 Groundcover And Flower Planting .....	13.62	
	<i>For &gt;10 To 25, Deduct</i>	-0.68	
	<i>For &gt;25, Deduct</i>	-1.70	
32 93 53 00-0076	EA Flats Of 36 Groundcover And Flower Planting .....	19.32	
	<i>For &gt;10 To 25, Deduct</i>	-0.97	
	<i>For &gt;25, Deduct</i>	-2.42	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 53 00-0077	EA Flats Of 48 Groundcover And Flower Planting.....	25.73	
	<i>For &gt;10 To 25, Deduct</i>	-1.29	
	<i>For &gt;25, Deduct</i>	-3.22	

**32 93 53 00-0078**

**Tree Pits** (32 93 53)

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 53 00-0079	EA 2' x 1-1/4' Deep Tree Pit .....	61.14	
32 93 53 00-0080	EA 2' x 2-1/2' Deep Tree Pit .....	91.70	
32 93 53 00-0081	EA 2-1/2' x 1-1/2' Deep Tree Pit .....	117.94	
32 93 53 00-0082	EA 2-1/2' x 3' Deep Tree Pit .....	176.87	
32 93 53 00-0083	EA 3' x 1-3/4' Deep Tree Pit .....	182.98	
32 93 53 00-0084	EA 3' x 3-1/2' Deep Tree Pit .....	273.19	
32 93 53 00-0085	EA 3-1/2' x 1-3/4' Deep Tree Pit .....	224.79	
32 93 53 00-0086	EA 3-1/2' x 3-1/2' Deep Tree Pit .....	336.77	
32 93 53 00-0087	EA 4' x 2' Deep Tree Pit .....	268.93	
32 93 53 00-0088	EA 4' x 4' Deep Tree Pit .....	403.19	
32 93 53 00-0089	EA 4-1/2' x 2' Deep Tree Pit .....	388.12	
32 93 53 00-0090	EA 4-1/2' x 4' Deep Tree Pit .....	583.22	
32 93 53 00-0091	EA 5' x 2-1/4' Deep Tree Pit .....	516.23	
32 93 53 00-0092	EA 5' x 4-1/2' Deep Tree Pit .....	769.42	
32 93 53 00-0093	EA 6' x 2-1/2' Deep Tree Pit .....	732.06	
32 93 53 00-0094	EA 6' x 5' Deep Tree Pit .....	1,096.62	
32 93 53 00-0095	EA 7' x 3' Deep Tree Pit .....	1,233.86	
32 93 53 00-0096	EA 7' x 6' Deep Tree Pit .....	1,859.72	
32 93 53 00-0097	EA 8' x 3-1/4' Deep Tree Pit .....	1,698.83	
32 93 53 00-0098	EA 8' x 6-1/2' Deep Tree Pit .....	2,547.28	

**32 94 Planting Accessories** (32 94)

**32 94 13 Landscape Edging** (32 94)

Note: Including stakes.

**32 94 13 00-0001 Landscape Edging** (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF 6" Poly/Vinyl Landscape Edging With Non-Round Top.....	2.81	0.50
	<i>For &gt;2,000 To 5,000 LF, Deduct</i>	-0.18	
	<i>For &gt;5,000 LF, Deduct</i>	-0.36	
32 94 13 00-0003	LF 5" Polyethylene Landscape Edging With Round Top.....	1.57	0.50
	<i>For &gt;2,000 To 5,000 LF, Deduct</i>	-0.06	
	<i>For &gt;5,000 LF, Deduct</i>	-0.11	
32 94 13 00-0004	LF 5-1/2" Polyethylene Landscape Edging With Round Top .....	1.61	0.50
	<i>For &gt;2,000 To 5,000 LF, Deduct</i>	-0.06	
	<i>For &gt;5,000 LF, Deduct</i>	-0.12	
32 94 13 00-0005	LF 5" Polyethylene Landscape Edging With Corrugated Sides And Round Top .....	1.62	0.50
	<i>For &gt;2,000 To 5,000 LF, Deduct</i>	-0.06	
	<i>For &gt;5,000 LF, Deduct</i>	-0.12	
32 94 13 00-0006	LF 1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging .....	4.67	1.19
	<i>For &gt;1,000 LF, Deduct</i>	-0.58	
32 94 13 00-0007	LF 1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging .....	5.14	1.19
	<i>For &gt;1,000 LF, Deduct</i>	-0.69	
32 94 13 00-0008	LF 1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	5.17	1.19
	<i>For &gt;1,000 LF, Deduct</i>	-0.70	
32 94 13 00-0009	LF 3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging .....	5.99	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-0.89	
32 94 13 00-0010	LF 3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging .....	6.57	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-1.04	
32 94 13 00-0011	LF 3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	6.56	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-1.03	
32 94 13 00-0012	LF 1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging .....	5.27	1.27
	<i>For &gt;1,000 LF, Deduct</i>	-0.69	
32 94 13 00-0013	LF 1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging .....	5.92	1.27
	<i>For &gt;1,000 LF, Deduct</i>	-0.86	
32 94 13 00-0014	LF 1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging .....	5.99	1.27
	<i>For &gt;1,000 LF, Deduct</i>	-0.87	
32 94 13 00-0015	LF 3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging .....	6.79	1.31
	<i>For &gt;1,000 LF, Deduct</i>	-1.06	
32 94 13 00-0016	LF 3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging .....	7.44	1.31
	<i>For &gt;1,000 LF, Deduct</i>	-1.22	
32 94 13 00-0017	LF 3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging .....	7.49	1.31
	<i>For &gt;1,000 LF, Deduct</i>	-1.23	
32 94 13 00-0018	LF 1/8" x 4" Powder Coated Steel Landscape Edging.....	4.97	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-0.63	
32 94 13 00-0019	LF 3/16" x 4" Powder Coated Steel Landscape Edging .....	5.93	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-0.87	
32 94 13 00-0020	LF 1/4" x 5" Powder Coated Steel Landscape Edging.....	8.50	1.23
	<i>For &gt;1,000 LF, Deduct</i>	-1.51	
32 94 13 00-0021	LF 1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	3.63	1.19
32 94 13 00-0022	LF 1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	4.20	1.19
32 94 13 00-0023	LF 1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board).....	4.70	1.19

**32 Exterior Improvements****32 90 Planting****32 94 Planting Accessories**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....		4.81	1.19
32 94 13 00-0025	LF	4-1/2" x 12" Granite Edging.....		15.30	6.74
32 94 13 00-0026	LF	2" x 8" x 16" Precast Scallops, Green.....		3.04	0.92
32 94 13 00-0027	LF	2" x 8" x 16" Precast Scallops, Other Than Green.....		2.80	0.92
32 94 13 00-0028	LF	Brick, Set Horizontally, 1-1/2 Per LF.....		3.15	1.01
32 94 13 00-0029	LF	Brick, Set Horizontally, 3 Per LF.....		7.80	2.77
32 94 13 00-0030	LF	"V" Trenching By Machine, 4" Deep x 4" Wide.....		1.01	
<b>32 94 16 Landscape Timbers (32 94)</b>					
32 94 16 00-0001	LF	1" x 4" Redwood Edging.....		2.84	0.76
32 94 16 00-0002	LF	2" x 4" Redwood Edging.....		3.76	1.15
32 94 16 00-0003	LF	4" x 6" Pressure Treated Hardwood.....		4.64	1.52
32 94 16 00-0004	LF	6" x 6" Pressure Treated Hardwood.....		6.08	1.91
32 94 16 00-0005	LF	6" x 8" Pressure Treated Hardwood.....		7.08	2.24
32 94 16 00-0006	LF	1" x 4" Pressure Treated Pine.....		1.79	0.76
32 94 16 00-0007	LF	2" x 4" Pressure Treated Pine.....		2.72	1.15
32 94 16 00-0008	LF	4" x 6" Pressure Treated Pine.....		4.41	1.48
32 94 16 00-0009	LF	6" x 6" Pressure Treated Pine.....		6.03	1.91
32 94 16 00-0010	LF	6" x 8" Pressure Treated Pine.....		7.40	2.24
32 94 16 00-0011	LF	6" x 8" Railroad Ties.....		8.11	2.09
32 94 16 00-0012	LF	7" x 9" Railroad Ties.....		9.62	2.63
<b>32 94 23 Plant Protection (32 94)</b>					
32 94 23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge.....		1.25	
<b>32 94 43 Tree Grates (32 94)</b>					
<b>32 94 43 00-0001 Tree Grates With Frames (32 94 43)</b>					
<b>32 94 43 00-0002 Round Cast Iron Tree Grates With Frames (32 94 43 00-0001)</b>					
32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Gate With Frame.....		427.84	26.91
		For >3 To 9, Deduct		-28.05	
		For >9, Deduct		-57.97	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Gate With Frame.....		495.83	26.91
		For >3 To 9, Deduct		-33.15	
		For >9, Deduct		-68.51	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Gate With Frame.....		598.77	35.88
		For >3 To 9, Deduct		-39.53	
		For >9, Deduct		-81.69	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Gate With Frame.....		746.77	35.88
		For >3 To 9, Deduct		-50.63	
		For >9, Deduct		-104.63	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Gate With Frame.....		957.71	44.86
		For >3 To 9, Deduct		-65.10	
		For >9, Deduct		-134.54	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Gate With Frame.....		1,003.66	53.83
		For >3 To 9, Deduct		-67.20	
		For >9, Deduct		-138.88	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Gate With Frame.....		1,106.66	53.83
		For >3 To 9, Deduct		-74.93	
		For >9, Deduct		-154.85	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Gate With Frame.....		1,472.52	76.26
		For >3 To 9, Deduct		-99.00	
		For >9, Deduct		-204.60	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Gate With Frame.....		1,532.52	76.26
		For >3 To 9, Deduct		-103.50	
		For >9, Deduct		-213.90	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Gate With Frame.....		1,582.52	76.26
		For >3 To 9, Deduct		-107.25	
		For >9, Deduct		-221.65	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Gate With Frame.....		1,622.52	76.26
		For >3 To 9, Deduct		-110.25	
		For >9, Deduct		-227.85	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Gate With Frame.....		1,652.52	76.26
		For >3 To 9, Deduct		-112.50	
		For >9, Deduct		-232.50	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Gate With Frame.....		1,811.44	89.71
		For >3 To 9, Deduct		-122.40	
		For >9, Deduct		-252.96	
<b>32 94 43 00-0016 Square Cast Iron Tree Grates With Frames (32 94 43 00-0001)</b>					
32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Gate With Frame.....		393.83	26.91
		For >3 To 9, Deduct		-25.50	
		For >9, Deduct		-52.70	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Gate With Frame.....		478.83	26.91
		For >3 To 9, Deduct		-31.88	
		For >9, Deduct		-65.88	



<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Planting Accessories		32 94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0019	EA		48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame .....	709.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-46.50	
			<i>For &gt;9, Deduct</i>	-96.10	
32 94 43 00-0020	EA		48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame.....	839.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-56.25	
			<i>For &gt;9, Deduct</i>	-116.25	
32 94 43 00-0021	EA		48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame.....	959.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-65.25	
			<i>For &gt;9, Deduct</i>	-134.85	
32 94 43 00-0022	EA		48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame.....	1,069.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-73.50	
			<i>For &gt;9, Deduct</i>	-151.90	
32 94 43 00-0023	EA		48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame.....	1,169.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-81.00	
			<i>For &gt;9, Deduct</i>	-167.40	
32 94 43 00-0024	EA		48" x 48", >400 LB Cast Iron Tree Grate With Frame.....	1,259.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-87.75	
			<i>For &gt;9, Deduct</i>	-181.35	
32 94 43 00-0025	EA		60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame .....	1,205.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-81.00	
			<i>For &gt;9, Deduct</i>	-167.40	
32 94 43 00-0026	EA		60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame.....	1,295.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-87.75	
			<i>For &gt;9, Deduct</i>	-181.35	
32 94 43 00-0027	EA		60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame.....	1,375.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-93.75	
			<i>For &gt;9, Deduct</i>	-193.75	
32 94 43 00-0028	EA		60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame.....	1,445.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-99.00	
			<i>For &gt;9, Deduct</i>	-204.60	
32 94 43 00-0029	EA		60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame.....	1,505.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-103.50	
			<i>For &gt;9, Deduct</i>	-213.90	
32 94 43 00-0030	EA		60" x 60", >600 LB Cast Iron Tree Grate With Frame.....	1,555.61	62.80
			<i>For &gt;3 To 9, Deduct</i>	-107.25	
			<i>For &gt;9, Deduct</i>	-221.65	
32 94 43 00-0031	EA		72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame .....	1,472.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-99.00	
			<i>For &gt;9, Deduct</i>	-204.60	
32 94 43 00-0032	EA		72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame.....	1,532.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-103.50	
			<i>For &gt;9, Deduct</i>	-213.90	
32 94 43 00-0033	EA		72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame.....	1,582.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-107.25	
			<i>For &gt;9, Deduct</i>	-221.65	
32 94 43 00-0034	EA		72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame.....	1,622.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-110.25	
			<i>For &gt;9, Deduct</i>	-227.85	
32 94 43 00-0035	EA		72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame.....	1,652.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-112.50	
			<i>For &gt;9, Deduct</i>	-232.50	
32 94 43 00-0036	EA		72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame.....	1,672.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-114.00	
			<i>For &gt;9, Deduct</i>	-235.60	
32 94 43 00-0037	EA		72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame.....	1,682.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-114.75	
			<i>For &gt;9, Deduct</i>	-237.15	
32 94 43 00-0038	EA		72" x 72", >850 LB Cast Iron Tree Grate With Frame.....	1,692.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-115.50	
			<i>For &gt;9, Deduct</i>	-238.70	
<b>32 94 43 00-0039</b>			<b>Rectangular Cast Iron Tree Grates With Frames</b> <small>(32 94 43 00-0001)</small>		
32 94 43 00-0040	EA		36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame.....	746.77	35.88
			<i>For &gt;3 To 9, Deduct</i>	-50.63	
			<i>For &gt;9, Deduct</i>	-104.63	
32 94 43 00-0041	EA		36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame.....	761.77	35.88
			<i>For &gt;3 To 9, Deduct</i>	-51.75	
			<i>For &gt;9, Deduct</i>	-106.95	
32 94 43 00-0042	EA		36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame.....	930.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-63.08	
			<i>For &gt;9, Deduct</i>	-130.36	
32 94 43 00-0043	EA		48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame .....	1,097.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-75.60	
			<i>For &gt;9, Deduct</i>	-156.24	
32 94 43 00-0044	EA		48" x 72", >350 LB Cast Iron Tree Grate With Frame.....	1,169.71	44.86
			<i>For &gt;3 To 9, Deduct</i>	-81.00	
			<i>For &gt;9, Deduct</i>	-167.40	
32 94 43 00-0045	EA		60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame.....	1,562.52	76.26
			<i>For &gt;3 To 9, Deduct</i>	-105.75	
			<i>For &gt;9, Deduct</i>	-218.55	

**32 94 49 Plant And Tree Accessories** (32 94)

**32 Exterior Improvements****32 90 Planting****32 94 Planting Accessories**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

32 94 49 00-0001		Tree Guying <small>(32 94 49)</small>		
32 94 49 00-0002		Tree Guying, Stakes <small>(32 94 49 00-0001)</small>		
		Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.		
32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap .....	12.81	
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap.....	21.28	
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap.....	36.66	
32 94 49 00-0006		Tree Guying, Anchors <small>(32 94 49 00-0001)</small>		
		Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.		
32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope.....	56.32	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope .....	76.28	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope .....	98.99	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope.....	125.92	
32 94 49 00-0011		Tree Wrap <small>(32 94 49)</small>		
32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree .....	3.00	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree .....	5.05	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree .....	10.11	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree .....	15.89	
32 94 49 00-0016		Tree Guards <small>(32 94 49)</small>		
32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard.....	5.12	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard.....	4.64	
32 94 49 00-0019		Stake Out Tree And Shrub Locations <small>(32 94 49)</small>		
		Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs .....	3.00	
32 94 49 00-0021		Root Barriers <small>(32 94 49)</small>		
32 94 49 00-0022	EA	18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	10.67	
32 94 49 00-0023	EA	24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	12.78	
32 94 49 00-0024	EA	36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	17.53	
32 94 49 00-0025	EA	48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	23.98	

**32 96 Transplanting (32 90)**

See CSI section 32 94 49 00-0001 for guying.

**32 96 33 Shrub Transplanting (32 96)**

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001		Moving Shrubs On Site, Relocate <small>(32 96 33)</small>		
		Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site .....	28.62	
		For >25 To 50, Deduct .....	-2.86	
		For >50, Deduct .....	-4.29	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site.....	39.26	
		For >25 To 50, Deduct .....	-3.93	
		For >50, Deduct .....	-5.89	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site.....	49.07	
		For >25 To 50, Deduct .....	-4.91	
		For >50, Deduct .....	-7.36	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site.....	63.91	
		For >25 To 50, Deduct .....	-6.39	
		For >50, Deduct .....	-9.59	

**32 96 43 Tree Transplanting (32 96)**

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001		Moving Trees On Site, Relocate <small>(32 96 43)</small>		
		Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site.....	131.27	
		For >5 To 10, Deduct .....	-6.56	
		For >10 To 20, Deduct .....	-13.13	
		For >20, Deduct .....	-19.69	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site.....	180.03	
		For >5 To 10, Deduct .....	-9.00	
		For >10 To 20, Deduct .....	-18.00	
		For >20, Deduct .....	-27.00	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site.....	291.70	
		For >5 To 10, Deduct .....	-14.59	
		For >10 To 20, Deduct .....	-29.17	
		For >20, Deduct .....	-43.76	





<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Transplanting		32 96

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 43 00-0005 EA >36" To 48" Root Ball, Move Trees On Site.....	484.68	
For >5 To 10, Deduct	-24.23	
For >10 To 20, Deduct	-48.47	
For >20, Deduct	-72.70	
32 96 43 00-0006 EA >48" To 60" Root Ball, Move Trees On Site.....	787.59	
For >5 To 10, Deduct	-39.38	
For >10 To 20, Deduct	-78.76	
For >20, Deduct	-118.14	
32 96 43 00-0007 EA >60" To 72" Root Ball, Move Trees On Site.....	1,016.25	
For >5 To 10, Deduct	-50.81	
For >10 To 20, Deduct	-101.63	
For >20, Deduct	-152.44	
32 96 43 00-0008 EA >72" To 84" Root Ball, Move Trees On Site.....	1,312.66	
For >5 To 10, Deduct	-65.63	
For >10 To 20, Deduct	-131.27	
For >20, Deduct	-196.90	
32 96 43 00-0009 EA >84" To 96" Root Ball, Move Trees On Site.....	1,575.19	
For >5 To 10, Deduct	-78.76	
For >10 To 20, Deduct	-157.52	
For >20, Deduct	-236.28	
32 96 43 00-0010 EA >96" To 120" Root Ball, Move Trees On Site.....	1,789.98	
For >5 To 10, Deduct	-89.50	
For >10 To 20, Deduct	-179.00	
For >20, Deduct	-268.50	

**END OF SECTION 32**

32	<b>32</b>	<b>Exterior Improvements</b>
	32 90	Planting
	32 96	Transplanting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Utilities</b>	<b>33</b>	<b>33</b>	
<b>Operation And Maintenance Of Utilities</b>			<b>33 01</b>
<b>Operation And Maintenance Of Sewer Utilities</b>			<b>33 01 30</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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### 33 Utilities

#### 33 01 Operation And Maintenance Of Utilities <sup>(33)</sup>

#### 33 01 30 Operation And Maintenance Of Sewer Utilities <sup>(33 01)</sup>

#### 33 01 30 73 Rehabilitation Of Manholes And Sewer Structures <sup>(33 01 30)</sup>

33 01 30 73-0001	Restoration And Rehabilitation Of Manholes <sup>(33 01 30 73)</sup>		
	Note: Work is in confined spaces.		
33 01 30 73-0002	Inspection And Ventilation System Set-up <sup>(33 01 30 73-0001)</sup>		
33 01 30 73-0003	EA Inspect Manhole .....		89.86
33 01 30 73-0004	EA 36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System .....		7,218.01
	Note: For internal inspection and repair of water mains.		
33 01 30 73-0005	EA >60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System .....		10,250.89
	Note: For internal inspection and repair of water mains		
33 01 30 73-0006	Manhole Seals <sup>(33 01 30 73-0001)</sup>		
33 01 30 73-0007	Internal Manhole Chimney Seals <sup>(33 01 30 73-0006)</sup>		
	Note: Cretex.		
33 01 30 73-0008	EA 20" Internal Manhole Chimney Seal.....		264.73
33 01 30 73-0009	EA 22" Internal Manhole Chimney Seal.....		279.04
33 01 30 73-0010	EA 24" Internal Manhole Chimney Seal.....		286.20
33 01 30 73-0011	EA 26" Internal Manhole Chimney Seal.....		329.13
33 01 30 73-0012	EA 28" Internal Manhole Chimney Seal.....		372.06
33 01 30 73-0013	EA 30" Internal Manhole Chimney Seal.....		414.98
33 01 30 73-0014	EA 36" Internal Manhole Chimney Seal.....		500.84
33 01 30 73-0015	External Manhole Encapsulation <sup>(33 01 30 73-0006)</sup>		
	Note: Wrapidseal.		
33 01 30 73-0016	EA 24" External Manhole Encapsulation .....		386.36
33 01 30 73-0017	EA 30" External Manhole Encapsulation .....		407.84
33 01 30 73-0018	EA 36" External Manhole Encapsulation .....		436.45
33 01 30 73-0019	EA 42" External Manhole Encapsulation .....		472.23
33 01 30 73-0020	EA 48" External Manhole Encapsulation .....		522.31
33 01 30 73-0021	EA 54" External Manhole Encapsulation .....		579.55
33 01 30 73-0022	EA 60" External Manhole Encapsulation .....		651.10
33 01 30 73-0023	Manhole Restoration <sup>(33 01 30 73-0001)</sup>		
	Note: Includes power washing and cleaning of manhole interiors.		
33 01 30 73-0024	Cementitious Manhole Restoration, Interior <sup>(33 01 30 73-0023)</sup>		
33 01 30 73-0025	VLF 1/2" Cementitious Restoration On 3' Diameter Manhole Interior.....		73.36
	For Each Additional 1/2" Thick Material, Add		20.35
	For 2 To 5 Manholes, Deduct		-5.10
	For 6 To 10 Manholes, Deduct		-8.36
	For >10 Manholes, Deduct		-16.71
33 01 30 73-0026	VLF 1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior .....		85.09
	For Each Additional 1/2" Thick Material, Add		23.69
	For 2 To 5 Manholes, Deduct		-5.91
	For 6 To 10 Manholes, Deduct		-9.69
	For >10 Manholes, Deduct		-19.37
33 01 30 73-0027	VLF 1/2" Cementitious Restoration On 4' Diameter Manhole Interior.....		96.82
	For Each Additional 1/2" Thick Material, Add		27.04
	For 2 To 5 Manholes, Deduct		-6.72
	For 6 To 10 Manholes, Deduct		-11.02
	For >10 Manholes, Deduct		-22.04
33 01 30 73-0028	VLF 1/2" Cementitious Restoration On 5' Diameter Manhole Interior.....		114.39
	For Each Additional 1/2" Thick Material, Add		33.24
	For 2 To 5 Manholes, Deduct		-7.90
	For 6 To 10 Manholes, Deduct		-12.94
	For >10 Manholes, Deduct		-25.87
33 01 30 73-0029	VLF 1/2" Cementitious Restoration On 6' Diameter Manhole Interior.....		125.68
	For Each Additional 1/2" Thick Material, Add		38.60
	For 2 To 5 Manholes, Deduct		-8.61
	For 6 To 10 Manholes, Deduct		-14.08
	For >10 Manholes, Deduct		-28.17
33 01 30 73-0030	Polyurethane Manhole Restoration, Interior <sup>(33 01 30 73-0023)</sup>		

**33 Utilities****33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0031 VLF 60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior .....	145.81	
For 80 Mil Material, Add	13.67	
For 100 Mil Material, Add	27.35	
For 125 Mil Material, Add	41.91	
For 150 Mil Material, Add	56.46	
For 200 Mil Material, Add	78.82	
For 2 To 5 Manholes, Deduct	-10.67	
For 6 To 10 Manholes, Deduct	-17.70	
For >10 Manholes, Deduct	-35.39	
33 01 30 73-0032 VLF 60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior .....	177.63	
For 80 Mil Material, Add	16.52	
For 100 Mil Material, Add	33.04	
For 125 Mil Material, Add	50.58	
For 150 Mil Material, Add	68.13	
For 200 Mil Material, Add	94.97	
For 2 To 5 Manholes, Deduct	-13.01	
For 6 To 10 Manholes, Deduct	-21.59	
For >10 Manholes, Deduct	-43.17	
33 01 30 73-0033 VLF 60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior .....	194.42	
For 80 Mil Material, Add	18.23	
For 100 Mil Material, Add	36.47	
For 125 Mil Material, Add	55.88	
For 150 Mil Material, Add	75.29	
For 200 Mil Material, Add	105.11	
For 2 To 5 Manholes, Deduct	-14.23	
For 6 To 10 Manholes, Deduct	-23.60	
For >10 Manholes, Deduct	-47.19	
33 01 30 73-0034 VLF 60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior .....	243.03	
For 80 Mil Material, Add	22.79	
For 100 Mil Material, Add	45.58	
For 125 Mil Material, Add	69.85	
For 150 Mil Material, Add	94.11	
For 200 Mil Material, Add	131.37	
For 2 To 5 Manholes, Deduct	-17.79	
For 6 To 10 Manholes, Deduct	-29.50	
For >10 Manholes, Deduct	-58.99	
33 01 30 73-0035 VLF 60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior .....	291.64	
For 80 Mil Material, Add	27.35	
For 100 Mil Material, Add	54.70	
For 125 Mil Material, Add	83.82	
For 150 Mil Material, Add	112.94	
For 200 Mil Material, Add	157.66	
For 2 To 5 Manholes, Deduct	-21.34	
For 6 To 10 Manholes, Deduct	-35.39	
For >10 Manholes, Deduct	-70.79	
<b>33 01 30 73-0036 Epoxy Manhole Restoration, Interior</b> <small>(33 01 30 73-0023)</small>		
33 01 30 73-0037 VLF 60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior .....	165.81	
For 80 Mil Material, Add	20.34	
For 100 Mil Material, Add	40.68	
For 125 Mil Material, Add	63.57	
For 150 Mil Material, Add	86.46	
For 200 Mil Material, Add	125.48	
For 2 To 5 Manholes, Deduct	-11.67	
For 6 To 10 Manholes, Deduct	-19.20	
For >10 Manholes, Deduct	-38.39	
33 01 30 73-0038 VLF 60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior .....	200.99	
For 80 Mil Material, Add	24.30	
For 100 Mil Material, Add	48.61	
For 125 Mil Material, Add	75.89	
For 150 Mil Material, Add	103.17	
For 200 Mil Material, Add	149.47	
For 2 To 5 Manholes, Deduct	-14.18	
For 6 To 10 Manholes, Deduct	-23.34	
For >10 Manholes, Deduct	-46.67	
33 01 30 73-0039 VLF 60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior .....	221.08	
For 80 Mil Material, Add	27.12	
For 100 Mil Material, Add	54.24	
For 125 Mil Material, Add	84.76	
For 150 Mil Material, Add	115.28	
For 200 Mil Material, Add	167.31	
For 2 To 5 Manholes, Deduct	-15.56	
For 6 To 10 Manholes, Deduct	-25.60	
For >10 Manholes, Deduct	-51.19	
33 01 30 73-0040 VLF 60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior .....	276.39	
For 80 Mil Material, Add	33.91	
For 100 Mil Material, Add	67.82	
For 125 Mil Material, Add	105.99	
For 150 Mil Material, Add	144.15	
For 200 Mil Material, Add	209.21	
For 2 To 5 Manholes, Deduct	-19.45	
For 6 To 10 Manholes, Deduct	-32.00	
For >10 Manholes, Deduct	-63.99	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0041 VLF 60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior .....	331.66	
<i>For 80 Mil Material, Add</i>	40.69	
<i>For 100 Mil Material, Add</i>	81.38	
<i>For 125 Mil Material, Add</i>	127.18	
<i>For 150 Mil Material, Add</i>	172.97	
<i>For 200 Mil Material, Add</i>	251.04	
<i>For 2 To 5 Manholes, Deduct</i>	-23.34	
<i>For 6 To 10 Manholes, Deduct</i>	-38.40	
<i>For &gt;10 Manholes, Deduct</i>	-76.79	
<b>33 01 30 73-0042 Polyvinyl Chloride (PVC) Lining Manhole Restoration, Interior (33 01 30 73-0023)</b>		
Note: Wound strip liners.		
33 01 30 73-0043 VLF 3' Diameter CIP Multiplex Liner For Existing Manhole .....	273.94	
<i>For 2 To 5 Manholes, Deduct</i>	-15.75	
<i>For 6 To 10 Manholes, Deduct</i>	-24.65	
<i>For &gt;10 Manholes, Deduct</i>	-49.30	
33 01 30 73-0044 VLF 3-1/2' Diameter CIP Multiplex Liner For Existing Manhole .....	335.50	
<i>For 2 To 5 Manholes, Deduct</i>	-19.28	
<i>For 6 To 10 Manholes, Deduct</i>	-30.18	
<i>For &gt;10 Manholes, Deduct</i>	-60.36	
33 01 30 73-0045 VLF 4' Diameter CIP Multiplex Liner For Existing Manhole .....	396.43	
<i>For 2 To 5 Manholes, Deduct</i>	-22.56	
<i>For 6 To 10 Manholes, Deduct</i>	-35.21	
<i>For &gt;10 Manholes, Deduct</i>	-70.42	
33 01 30 73-0046 VLF 5' Diameter CIP Multiplex Liner For Existing Manhole .....	497.21	
<i>For 2 To 5 Manholes, Deduct</i>	-28.28	
<i>For 6 To 10 Manholes, Deduct</i>	-44.14	
<i>For &gt;10 Manholes, Deduct</i>	-88.27	
33 01 30 73-0047 VLF 6' Diameter CIP Multiplex Liner For Existing Manhole .....	597.98	
<i>For 2 To 5 Manholes, Deduct</i>	-34.01	
<i>For 6 To 10 Manholes, Deduct</i>	-53.06	
<i>For &gt;10 Manholes, Deduct</i>	-106.12	
<b>33 01 30 73-0048 Manhole Crack Repair (33 01 30 73-0001)</b>		
Note: Includes removing loose materials and cleaning.		
33 01 30 73-0049 LF Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair .....	25.26	
33 01 30 73-0050 LF >1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair .....	34.11	
33 01 30 73-0051 LF Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair .....	23.46	
33 01 30 73-0052 LF >1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair .....	31.89	
<b>33 01 30 73-0053 Manhole Patching (33 01 30 73-0001)</b>		
Note: Includes removing loose materials and cleaning.		
33 01 30 73-0054 SF Up To 1/4" Thick, Cementitious Grout, Manhole Patching .....	7.28	
33 01 30 73-0055 SF Up To 1/4" Thick, Epoxy Grout, Manhole Patching .....	22.78	
<b>33 01 30 73-0056 Manhole Joint Restoration (33 01 30 73-0001)</b>		
Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 73-0057 EA 3' Diameter Joint Restoration, Grout Fill Per Each Manhole .....	1,162.80	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
<i>For Grouting Each Additional Manhole Joint Section, Add</i>	147.11	
33 01 30 73-0058 EA 3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole .....	1,357.45	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
<i>For Grouting Each Additional Manhole Joint Section, Add</i>	159.13	
33 01 30 73-0059 EA 4' Diameter Joint Restoration, Grout Fill Per Each Manhole .....	1,550.39	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
<i>For Grouting Each Additional Manhole Joint Section, Add</i>	171.15	
33 01 30 73-0060 EA 5' Diameter Joint Restoration, Grout Fill Per Each Manhole .....	1,848.70	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
<i>For Grouting Each Additional Manhole Joint Section, Add</i>	177.16	
33 01 30 73-0061 EA 6' Diameter Joint Restoration, Grout Fill Per Each Manhole .....	2,146.16	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
<i>For Grouting Each Additional Manhole Joint Section, Add</i>	183.17	
33 01 30 73-0062 GAL Grout Fill Material .....	130.23	
Note: For extra material to fill voids in soil.		
<b>33 01 30 73-0063 Step Installation In Existing Manholes (33 01 30 73-0001)</b>		
Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 73-0064 EA Drill And Grout 8" x 9" Cast Iron Manhole Steps .....	68.33	10.05
33 01 30 73-0065 EA Drill And Grout Galvanized Steel Manhole Step .....	55.59	10.05
33 01 30 73-0066 EA Bolt On Galvanized Steel Manhole Step .....	67.14	10.05
33 01 30 73-0067 EA Drill And Grout Aluminum Manhole Step .....	53.11	10.05
33 01 30 73-0068 EA Drill And Insert Polypropylene Manhole Step .....	32.66	8.03
<b>33 01 30 73-0069 Manhole Drop Inlet Installation (33 01 30 73-0001)</b>		
Note: Installed in existing manhole		
33 01 30 73-0070 EA Install Drop Inlet Into Existing Manhole .....	393.38	

**33 Utilities****33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>33 01 30 73-0071</b>	<b>Manhole Drop Connections, Interior</b> (33 01 30 73-0001)		
33 01 30 73-0072	EA Drop Connection In Manhole .....	735.52	
<b>33 01 30 73-0073</b>	<b>Invert Restoration</b> (33 01 30 73-0001)		
	Note: Includes removal of existing defective material and installation of new material.		
<b>33 01 30 73-0074</b>	<b>Concrete Invert Restoration</b> (33 01 30 73-0073)		
33 01 30 73-0075	EA 2' Diameter, Concrete Invert Restoration .....	188.27	
33 01 30 73-0076	EA 3' Diameter, Concrete Invert Restoration .....	210.74	
33 01 30 73-0077	EA 4' Diameter, Concrete Invert Restoration .....	233.19	
33 01 30 73-0078	EA 5' Diameter, Concrete Invert Restoration .....	255.66	
33 01 30 73-0079	EA 6' Diameter, Concrete Invert Restoration .....	323.05	
33 01 30 73-0080	SF Square Or Rectangular, Concrete Invert Restoration .....	18.55	
<b>33 01 30 73-0081</b>	<b>Brick Invert Restoration</b> (33 01 30 73-0073)		
33 01 30 73-0082	EA 2' Diameter, Brick Invert Restoration .....	301.00	
33 01 30 73-0083	EA 3' Diameter, Brick Invert Restoration .....	323.45	
33 01 30 73-0084	EA 4' Diameter, Brick Invert Restoration .....	345.92	
33 01 30 73-0085	EA 5' Diameter, Brick Invert Restoration .....	368.39	
33 01 30 73-0086	EA 6' Diameter, Brick Invert Restoration .....	390.85	
33 01 30 73-0087	SF Square Or Rectangular, Brick Invert Restoration .....	25.71	

**33 05 Common Work Results For Utilities** (33)**33 05 13 Manholes And Structures** (33 05)**33 05 13 13 Manhole Grade Adjustment** (33 05 13)

<b>33 05 13 13-0001</b>	<b>Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers</b> (33 05 13 13)		
<b>33 05 13 13-0002</b>	<b>Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers</b> (33 05 13 13-0001)		
33 05 13 13-0003	EA Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	280.88	
33 05 13 13-0004	EA >2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	321.00	
33 05 13 13-0005	EA >3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	356.67	
33 05 13 13-0006	EA >4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	397.42	
33 05 13 13-0007	EA >5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	429.06	
<b>33 05 13 13-0008</b>	<b>Up To 6" Rise, &gt;26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser</b> (33 05 13 13-0001)		
33 05 13 13-0009	EA Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	344.72	
33 05 13 13-0010	EA >2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	377.83	
33 05 13 13-0011	EA >3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	420.62	
33 05 13 13-0012	EA >4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	461.37	
33 05 13 13-0013	EA >5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser .....	500.08	
<b>33 05 13 13-0014</b>	<b>&gt;6" To 12" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers</b> (33 05 13 13-0001)		
33 05 13 13-0015	EA >6" To 6-1/2" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	476.94	
33 05 13 13-0016	EA 7" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	521.55	
33 05 13 13-0017	EA 7-1/2" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	566.56	
33 05 13 13-0018	EA 8" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	600.22	
33 05 13 13-0019	EA 9" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	655.61	
33 05 13 13-0020	EA 10" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	704.48	
33 05 13 13-0021	EA 11" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	751.52	
33 05 13 13-0022	EA 12" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser .....	799.15	
<b>33 05 13 13-0023</b>	<b>&gt;12" Rise, Solid Manhole Risers</b> (33 05 13 13)		
<b>33 05 13 13-0024</b>	<b>Precast Concrete Manhole Riser</b> (33 05 13 13-0023)		
33 05 13 13-0025	VLF Up To 26" Diameter Precast Concrete Manhole Riser .....	60.84	
33 05 13 13-0026	VLF >26" To 36" Diameter Precast Concrete Manhole Riser .....	72.41	
33 05 13 13-0027	VLF >36" To 48" Diameter Precast Concrete Manhole Riser .....	82.78	
33 05 13 13-0028	VLF >48" To 60" Diameter Precast Concrete Manhole Riser .....	169.00	
33 05 13 13-0029	VLF >60" To 72" Diameter Precast Concrete Manhole Riser .....	247.52	

**33 05 16 Utility Structures** (33 05)**33 05 16 13 Precast Concrete Directional Structures** (33 05 16)

			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0001			<b>Underground Utility Vaults And Structures</b> <small>(33 05 16 13)</small> See CSI section 33 39 13 00-0001 for manholes, 33 39 13 00-0135 for frames and covers.		
33 05 16 13-0002			<b>Precast Concrete Underground Utility Vault</b> <small>(33 05 16 13-0001)</small> Note: Sizes given are for inside dimensions.		
33 05 16 13-0003			<b>6' High Precast Concrete Underground Utility Vault</b> <small>(33 05 16 13-0002)</small>		
33 05 16 13-0004	EA		4' x 4' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	1,927.28	
33 05 16 13-0005	EA		4' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	2,512.20	
33 05 16 13-0006	EA		5' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,144.43	
33 05 16 13-0007	EA		5' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,785.53	
33 05 16 13-0008	EA		6' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,210.41	
33 05 16 13-0009	EA		6' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,908.13	
33 05 16 13-0010	EA		6' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,606.36	
33 05 16 13-0011	EA		6' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	6,655.26	
33 05 16 13-0012	EA		6' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	6,655.26	
33 05 16 13-0013	EA		6' x 16' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	8,380.05	
33 05 16 13-0014	EA		8' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,719.66	
33 05 16 13-0015	EA		8' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,530.71	
33 05 16 13-0016	EA		8' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	7,905.64	
33 05 16 13-0017	EA		8' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	8,897.70	
33 05 16 13-0018			<b>7' High Precast Concrete Underground Utility Vault</b> <small>(33 05 16 13-0002)</small>		
33 05 16 13-0019	EA		4' x 4' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	2,121.66	
33 05 16 13-0020	EA		4' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	2,754.92	
33 05 16 13-0021	EA		4' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,388.18	
33 05 16 13-0022	EA		5' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,508.28	
33 05 16 13-0023	EA		5' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,198.19	
33 05 16 13-0024	EA		6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,501.48	
33 05 16 13-0025	EA		6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,248.07	
33 05 16 13-0026	EA		6' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,994.62	
33 05 16 13-0027	EA		6' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	7,237.39	
33 05 16 13-0028	EA		6' x 16' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,091.59	
33 05 16 13-0029	EA		8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,107.92	
33 05 16 13-0030	EA		8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,967.32	
33 05 16 13-0031	EA		8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	8,552.77	
33 05 16 13-0032	EA		8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,608.77	
33 05 16 13-0033	EA		10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	8,681.86	
33 05 16 13-0034			<b>8' High Precast Concrete Underground Utility Vault</b> <small>(33 05 16 13-0002)</small>		
33 05 16 13-0035	EA		4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	2,315.54	
33 05 16 13-0036	EA		4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	2,997.64	
33 05 16 13-0037	EA		5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,872.13	
33 05 16 13-0038	EA		5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,610.39	
33 05 16 13-0039	EA		6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,792.55	
33 05 16 13-0040	EA		6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,587.48	

**33 Utilities****33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0041 EA 6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,382.41	
33 05 16 13-0042 EA 6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	7,819.53	
33 05 16 13-0043 EA 6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,803.19	
33 05 16 13-0044 EA 8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,495.69	
33 05 16 13-0045 EA 8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,403.91	
33 05 16 13-0046 EA 8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,199.38	
33 05 16 13-0047 EA 8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	10,320.35	
33 05 16 13-0048 EA 10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,328.80	
<b>33 05 16 13-0049 10' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)</b>		
33 05 16 13-0050 EA 6' x 6' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,083.63	
33 05 16 13-0051 EA 6' x 8' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,926.90	
33 05 16 13-0052 EA 10' x 10' x 10' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	9,975.38	
<b>33 05 16 13-0053 12' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)</b>		
33 05 16 13-0054 EA 6' x 6' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,374.71	
33 05 16 13-0055 EA 6' x 8' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,266.81	
<b>33 05 16 13-0056 Meter Pit (33 05 16 13-0001)</b>		
<b>33 05 16 13-0057 Precast Concrete Meter Pit (33 05 16 13-0056)</b>		
33 05 16 13-0058 EA 4' x 4' x 4' Deep Precast Concrete Meter Pit.....	1,318.73	
33 05 16 13-0059 EA 4' x 4' x 6' Deep Precast Concrete Meter Pit.....	1,775.34	
33 05 16 13-0060 EA 4' x 4' x 8' Deep Precast Concrete Meter Pit.....	2,210.47	
33 05 16 13-0061 EA 4' x 4' x 10' Deep Precast Concrete Meter Pit.....	2,728.04	
33 05 16 13-0062 EA 4' x 4' x 15' Deep Precast Concrete Meter Pit.....	3,733.75	
33 05 16 13-0063 EA 6' x 6' x 4' Deep Precast Concrete Meter Pit.....	1,987.76	
33 05 16 13-0064 EA 6' x 6' x 6' Deep Precast Concrete Meter Pit.....	2,728.04	
33 05 16 13-0065 EA 6' x 6' x 8' Deep Precast Concrete Meter Pit.....	3,497.08	
33 05 16 13-0066 EA 6' x 6' x 10' Deep Precast Concrete Meter Pit.....	4,363.44	
33 05 16 13-0067 EA 6' x 6' x 15' Deep Precast Concrete Meter Pit.....	6,128.30	
<b>33 05 16 13-0068 Handhole Or Pull Box Enclosures (33 05 16 13-0001)</b>		
<b>33 05 16 13-0069 Polymer Concrete Handhole Enclosures (33 05 16 13-0068)</b>		
<b>33 05 16 13-0070 Polymer Concrete Handhole Enclosures (33 05 16 13-0069)</b>		
<b>33 05 16 13-0071 Flared Sides, Polymer Concrete Handhole Enclosures (33 05 16 13-0070)</b>		
<b>33 05 16 13-0072 Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 16 13-0071)</b>		
33 05 16 13-0073 EA 12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	178.97	10.51
33 05 16 13-0074 EA 10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	147.76	23.35
33 05 16 13-0075 EA 13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	225.89	35.02
33 05 16 13-0076 EA 17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	265.27	35.02
33 05 16 13-0077 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	252.26	35.02
33 05 16 13-0078 EA 13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	309.05	35.02
33 05 16 13-0079 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	300.48	35.02
33 05 16 13-0080 EA 17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	415.48	35.02
33 05 16 13-0081 EA 27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	591.56	46.69
33 05 16 13-0082 EA 27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	839.04	46.69
33 05 16 13-0083 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	526.71	64.20
33 05 16 13-0084 EA 24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	604.21	64.20





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0085 EA 24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,007.39	64.20
33 05 16 13-0086 EA 39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	561.76	70.03
33 05 16 13-0087 EA 39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	815.63	70.03
33 05 16 13-0088 EA 39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,023.23	70.03
33 05 16 13-0089 EA 39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,514.25	70.03
33 05 16 13-0090 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	812.19	109.99
33 05 16 13-0091 EA 30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,194.28	109.99
<b>33 05 16 13-0092 Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0071)</small>		
33 05 16 13-0093 EA 12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	230.41	10.51
33 05 16 13-0094 EA 13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	287.16	35.02
33 05 16 13-0095 EA 17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	350.55	35.02
33 05 16 13-0096 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	322.17	35.02
33 05 16 13-0097 EA 13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	370.71	35.02
33 05 16 13-0098 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	383.44	35.02
33 05 16 13-0099 EA 17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	499.15	35.02
33 05 16 13-0100 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	656.99	64.20
33 05 16 13-0101 EA 24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	734.49	64.20
33 05 16 13-0102 EA 24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,137.68	64.20
33 05 16 13-0103 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	964.44	109.99
33 05 16 13-0104 EA 30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,349.43	109.99
<b>33 05 16 13-0105 Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0070)</small>		
<b>33 05 16 13-0106 Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0105)</small>		
33 05 16 13-0107 EA 5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	296.61	10.51
33 05 16 13-0108 EA 10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	250.05	10.51
33 05 16 13-0109 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	191.53	35.02
33 05 16 13-0110 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	219.01	35.02
33 05 16 13-0111 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	66.13	10.51
33 05 16 13-0112 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	105.07	10.51
33 05 16 13-0113 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	172.65	10.51
33 05 16 13-0114 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	180.83	10.51
33 05 16 13-0115 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	144.91	23.35
33 05 16 13-0116 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	157.45	23.35
33 05 16 13-0117 EA 8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	103.40	10.51
33 05 16 13-0118 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	118.72	10.51
33 05 16 13-0119 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	156.15	23.35
33 05 16 13-0120 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	177.24	23.35
33 05 16 13-0121 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	163.59	23.35
33 05 16 13-0122 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	192.81	35.02
33 05 16 13-0123 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	213.50	35.02
33 05 16 13-0124 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	228.88	35.02
33 05 16 13-0125 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	252.05	35.02
33 05 16 13-0126 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	298.25	35.02
33 05 16 13-0127 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	326.28	35.02

**33 Utilities****33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	356.95	35.02
33 05 16 13-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	376.24	35.02
33 05 16 13-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	446.18	46.69
33 05 16 13-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	442.75	64.20
33 05 16 13-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	577.07	64.20
33 05 16 13-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	701.09	64.20
33 05 16 13-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	779.42	64.20
33 05 16 13-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	857.33	64.20
33 05 16 13-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	961.25	109.99
33 05 16 13-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	686.68	109.99
33 05 16 13-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	786.16	109.99
33 05 16 13-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	976.38	109.99
33 05 16 13-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	974.43	109.99
33 05 16 13-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,045.43	109.99
33 05 16 13-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,181.99	109.99
33 05 16 13-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,079.85	117.85
33 05 16 13-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,176.27	117.85
33 05 16 13-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,299.36	117.85
33 05 16 13-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,348.61	117.85
33 05 16 13-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,365.73	117.85
33 05 16 13-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,553.29	117.85
33 05 16 13-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,189.04	117.85
33 05 16 13-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,584.24	117.85
33 05 16 13-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,786.25	125.70
33 05 16 13-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,216.24	125.70
33 05 16 13-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,857.05	125.70
<b>33 05 16 13-0154</b>		<b>Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0105)</small>		
33 05 16 13-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	262.86	35.02
33 05 16 13-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	303.62	35.02
33 05 16 13-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	114.98	10.51
33 05 16 13-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	168.20	10.51
33 05 16 13-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	227.02	10.51
33 05 16 13-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	235.21	10.51
33 05 16 13-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	198.46	23.35
33 05 16 13-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	207.20	23.35
33 05 16 13-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	218.87	23.35
33 05 16 13-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	156.66	10.51
33 05 16 13-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	185.95	10.51
33 05 16 13-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	218.58	23.35
33 05 16 13-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	239.67	23.35
33 05 16 13-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	226.69	23.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0169 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	262.47	35.02
33 05 16 13-0170 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	283.41	35.02
33 05 16 13-0171 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	312.00	35.02
33 05 16 13-0172 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	335.03	35.02
33 05 16 13-0173 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	381.09	35.02
33 05 16 13-0174 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	409.24	35.02
33 05 16 13-0175 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	439.78	35.02
33 05 16 13-0176 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	459.20	35.02
33 05 16 13-0177 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	560.79	46.69
33 05 16 13-0178 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	573.04	64.20
33 05 16 13-0179 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	707.20	64.20
33 05 16 13-0180 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	831.09	64.20
33 05 16 13-0181 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	909.30	64.20
33 05 16 13-0182 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	987.46	64.20
33 05 16 13-0183 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	837.49	109.99
33 05 16 13-0184 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	937.11	109.99
33 05 16 13-0185 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,127.19	109.99
<b>33 05 16 13-0186</b> <b>Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0105)</small>		
33 05 16 13-0187 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	240.09	35.02
33 05 16 13-0188 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	281.97	35.02
33 05 16 13-0189 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	83.84	10.51
33 05 16 13-0190 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	140.86	10.51
33 05 16 13-0191 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	204.27	10.51
33 05 16 13-0192 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	212.60	10.51
33 05 16 13-0193 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	183.49	23.35
33 05 16 13-0194 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	207.76	23.35
33 05 16 13-0195 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	122.70	10.51
33 05 16 13-0196 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	195.41	23.35
33 05 16 13-0197 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	225.66	23.35
33 05 16 13-0198 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	203.27	23.35
33 05 16 13-0199 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	259.26	35.02
33 05 16 13-0200 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	300.60	35.02
33 05 16 13-0201 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	314.35	35.02
33 05 16 13-0202 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	347.09	35.02
33 05 16 13-0203 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	377.21	35.02
33 05 16 13-0204 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	405.64	35.02
33 05 16 13-0205 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	456.55	35.02
33 05 16 13-0206 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	463.65	35.02
33 05 16 13-0207 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	569.67	46.69
33 05 16 13-0208 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	584.56	64.20
33 05 16 13-0209 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	732.72	64.20
33 05 16 13-0210 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	879.25	64.20
33 05 16 13-0211 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	976.58	64.20
33 05 16 13-0212 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,073.91	64.20

**33 Utilities****33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,142.59	109.99
33 05 16 13-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	868.02	109.99
33 05 16 13-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	975.26	109.99
33 05 16 13-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,165.35	109.99
33 05 16 13-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,249.20	109.99
33 05 16 13-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,275.46	109.99
33 05 16 13-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,530.17	109.99
33 05 16 13-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,413.17	117.85
33 05 16 13-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,462.99	117.85
33 05 16 13-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,604.31	117.85
33 05 16 13-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,711.27	117.85
33 05 16 13-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,568.30	117.85
33 05 16 13-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,950.82	117.85
33 05 16 13-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,687.39	117.85
33 05 16 13-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,859.03	117.85
33 05 16 13-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,258.34	125.70
33 05 16 13-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,688.50	125.70
33 05 16 13-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,643.10	125.70
<b>33 05 16 13-0231</b>		<b>Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0105)</small>		
33 05 16 13-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	311.40	35.02
33 05 16 13-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	366.74	35.02
33 05 16 13-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	132.30	10.51
33 05 16 13-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	203.86	10.51
33 05 16 13-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	258.52	10.51
33 05 16 13-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	266.97	10.51
33 05 16 13-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	245.92	23.35
33 05 16 13-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	270.05	23.35
33 05 16 13-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	191.94	10.51
33 05 16 13-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	257.57	23.35
33 05 16 13-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	287.81	23.35
33 05 16 13-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	248.55	23.35
33 05 16 13-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	329.20	35.02
33 05 16 13-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	370.54	35.02
33 05 16 13-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	397.32	35.02
33 05 16 13-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	430.06	35.02
33 05 16 13-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	460.17	35.02
33 05 16 13-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	488.62	35.02
33 05 16 13-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	539.54	35.02
33 05 16 13-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	546.61	35.02
33 05 16 13-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	684.12	46.69
33 05 16 13-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	714.84	64.20



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0254 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	862.87	64.20
33 05 16 13-0255 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,009.24	64.20
33 05 16 13-0256 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,106.64	64.20
33 05 16 13-0257 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,204.04	64.20
33 05 16 13-0258 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,018.97	109.99
33 05 16 13-0259 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,126.36	109.99
33 05 16 13-0260 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,316.31	109.99
<b>33 05 16 13-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 16 13-0105)</small>		
33 05 16 13-0262 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	257.47	35.02
33 05 16 13-0263 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	174.04	23.35
33 05 16 13-0264 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	197.36	23.35
33 05 16 13-0265 EA 13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	227.21	35.02
33 05 16 13-0266 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	181.68	23.35
33 05 16 13-0267 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	204.01	23.35
<b>33 05 16 13-0268 Polymer Concrete Handhole Enclosure Extensions</b> <small>(33 05 16 13-0069)</small>		
33 05 16 13-0269 EA 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	183.80	35.02
33 05 16 13-0270 EA 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	208.10	35.02
33 05 16 13-0271 EA 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	235.86	46.69
33 05 16 13-0272 EA 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	259.72	46.69
33 05 16 13-0273 EA 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	303.62	64.20
33 05 16 13-0274 EA 36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	545.15	109.99
33 05 16 13-0275 EA 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	519.07	109.99
33 05 16 13-0276 EA 30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	524.76	109.99
33 05 16 13-0277 EA 36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	719.47	117.85
33 05 16 13-0278 EA 48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,165.29	125.70
33 05 16 13-0279 EA 48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,544.19	125.70
33 05 16 13-0280 EA 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	311.30	35.02
33 05 16 13-0281 EA 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	326.15	35.02
33 05 16 13-0282 EA 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	344.63	46.69
33 05 16 13-0283 EA 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	368.74	46.69
33 05 16 13-0284 EA 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	422.91	64.20
33 05 16 13-0285 EA 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	687.65	109.99
33 05 16 13-0286 EA 13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension .....	238.73	35.02
33 05 16 13-0287 EA 17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension .....	268.01	35.02
33 05 16 13-0288 EA 24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension .....	345.63	64.20
33 05 16 13-0289 EA 36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension .....	691.54	117.85
<b>33 05 16 13-0290 Polymer Concrete Handhole Enclosure Covers</b> <small>(33 05 16 13-0069)</small>		
<b>33 05 16 13-0291 Polymer Concrete Handhole Enclosure Covers</b> <small>(33 05 16 13-0290)</small>		
33 05 16 13-0292 EA 5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	69.07	4.67
33 05 16 13-0293 EA 10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	70.01	4.67
33 05 16 13-0294 EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	64.66	4.67
33 05 16 13-0295 EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	70.19	4.67
33 05 16 13-0296 EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	70.92	4.67
33 05 16 13-0297 EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	81.81	4.67
33 05 16 13-0298 EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	95.29	4.67
33 05 16 13-0299 EA 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	637.01	14.14
33 05 16 13-0300 EA 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	556.64	14.14
33 05 16 13-0301 EA 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	836.57	14.14

**33 Utilities****33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0302	EA		48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	846.11	14.14
33 05 16 13-0303	EA		36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	959.37	14.14
33 05 16 13-0304	EA		48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	1,045.89	14.14
33 05 16 13-0305	EA		48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	1,684.65	14.14
33 05 16 13-0306	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	58.73	4.67
33 05 16 13-0307	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	85.48	4.67
33 05 16 13-0308	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	86.72	4.67
33 05 16 13-0309	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	109.90	4.67
33 05 16 13-0310	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover .....	82.16	4.67
33 05 16 13-0311	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	130.57	4.67
33 05 16 13-0312	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover .....	101.86	4.67
33 05 16 13-0313	EA		27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	212.27	4.67
33 05 16 13-0314	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	184.06	7.00
33 05 16 13-0315	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	231.85	7.00
33 05 16 13-0316	EA		39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	299.40	8.17
33 05 16 13-0317	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	421.66	10.99
33 05 16 13-0318	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover .....	437.60	20.96
33 05 16 13-0319	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	111.29	4.67
33 05 16 13-0320	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	159.99	4.67
33 05 16 13-0321	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	182.47	4.67
33 05 16 13-0322	EA		27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	305.45	4.67
33 05 16 13-0323	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	249.76	7.00
33 05 16 13-0324	EA		39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	424.53	8.17
33 05 16 13-0325	EA		36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	557.20	10.99
33 05 16 13-0326	EA		30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	752.23	14.14
33 05 16 13-0327	EA		30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	668.02	14.14
33 05 16 13-0328	EA		36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	935.79	14.14
33 05 16 13-0329	EA		48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,220.56	14.14
33 05 16 13-0330	EA		36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,168.61	14.14
33 05 16 13-0331	EA		48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,777.39	14.14
33 05 16 13-0332	EA		48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	2,749.05	14.14
33 05 16 13-0333	EA		11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	147.37	4.67
33 05 16 13-0334	EA		11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	161.44	4.67
33 05 16 13-0335	EA		13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	213.55	4.67
33 05 16 13-0336	EA		17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	243.79	4.67
33 05 16 13-0337	EA		27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	423.62	4.67
33 05 16 13-0338	EA		24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	305.44	7.00
33 05 16 13-0339	EA		24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	419.30	7.00
33 05 16 13-0340	EA		39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	651.89	8.17
33 05 16 13-0341	EA		36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	745.89	10.99
33 05 16 13-0342	EA		30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	775.44	20.96
33 05 16 13-0343	EA		30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	897.20	14.14
33 05 16 13-0344	EA		36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,255.20	14.14
33 05 16 13-0345	EA		48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,758.76	14.14
33 05 16 13-0346	EA		36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	1,568.72	14.14
33 05 16 13-0347	EA		48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	2,604.10	14.14
33 05 16 13-0348	EA		48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover .....	4,023.10	14.14
<b>33 05 16 13-0349</b>			<b>Polymer Concrete Handhole Enclosure Covers With Gaskets (33 05 16 13-0290)</b>		
33 05 16 13-0350	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	79.78	4.67
33 05 16 13-0351	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	84.49	4.67
33 05 16 13-0352	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	86.04	4.67
33 05 16 13-0353	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	86.62	4.67
33 05 16 13-0354	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	100.43	4.67
33 05 16 13-0355	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	63.07	4.67
33 05 16 13-0356	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	89.93	4.67
33 05 16 13-0357	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	90.79	4.67
33 05 16 13-0358	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	114.49	4.67
33 05 16 13-0359	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket .....	87.15	4.67
33 05 16 13-0360	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket .....	107.13	4.67
33 05 16 13-0361	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	135.43	4.67
33 05 16 13-0362	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	187.32	7.00
33 05 16 13-0363	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	236.86	7.00
33 05 16 13-0364	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	442.74	20.96
33 05 16 13-0365	EA		6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	52.02	4.67
33 05 16 13-0366	EA		8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	83.02	4.67
33 05 16 13-0367	EA		8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	92.69	4.67
33 05 16 13-0368	EA		12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	88.39	4.67
33 05 16 13-0369	EA		10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	72.31	4.67
33 05 16 13-0370	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	115.73	4.67
33 05 16 13-0371	EA		11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	125.76	4.67
33 05 16 13-0372	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	164.71	4.67
33 05 16 13-0373	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	187.60	4.67
33 05 16 13-0374	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	254.35	7.00
33 05 16 13-0375	EA		24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	318.70	7.00
33 05 16 13-0376	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket .....	584.95	20.96



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 05 16 13-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts</b> <small>(33 05 16 13-0290)</small>						
				EA 6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	41.35	4.67
				EA 7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	49.69	4.67
				EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	60.92	4.67
				EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	65.91	4.67
				EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	65.79	4.67
				EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	78.58	4.67
				EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	91.15	4.67
				EA 24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	223.66	7.00
				EA 30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	418.89	20.96
				EA 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	629.98	14.14
				EA 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	548.71	14.14
				EA 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	823.52	14.14
				EA 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	794.46	14.14
				EA 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	951.80	14.14
				EA 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,017.90	14.14
				EA 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,630.86	14.14
				EA 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	56.35	4.67
				EA 10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	54.97	4.67
				EA 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	82.48	4.67
				EA 11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	90.90	4.67
				EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	103.25	4.67
				EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	77.85	4.67
				EA 18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	87.15	4.67
				EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	124.74	4.67
				EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	180.29	7.00
				EA 20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	226.26	7.00
				EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	223.53	7.00
				EA 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	404.59	10.99
				EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	418.89	12.57
<b>33 05 16 13-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers</b> <small>(33 05 16 13-0290)</small>						
				EA 30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	656.17	14.14
				EA 36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	952.77	14.14
				EA 30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	550.25	20.96
				EA 30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	731.32	20.96
				EA 30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	780.71	14.14
				EA 36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,066.17	14.14
<b>33 05 16 13-0414 Split, Polymer Concrete Handhole Enclosure Covers</b> <small>(33 05 16 13-0290)</small>						
				EA 24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	254.43	7.00
				EA 36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	475.08	10.99
				EA 30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	496.30	20.96
				EA 6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	39.03	4.67
				EA 8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	66.36	4.67
				EA 12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	73.27	4.67
				EA 8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	77.84	4.67
				EA 10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	68.00	4.67
				EA 11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	121.69	4.67
				EA 24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	342.22	7.00
				EA 36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	633.39	10.99
				EA 30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	663.35	20.96
<b>33 05 16 13-0427 Precast Concrete Handholes With Steel Cover</b> <small>(33 05 16 13-0068)</small>						
				Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
				EA 12" x 12" x 12" Precast Concrete Handholes With Steel Cover.....	418.72	111.72
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	18.00	
				EA 12" x 24" x 21" Precast Concrete Handholes With Steel Cover.....	707.61	167.60
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	67.84	
				EA 18" x 30" x 18" Precast Concrete Handholes With Steel Cover.....	854.03	223.46
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	109.11	
				EA 24" x 24" x 24" Precast Concrete Handholes With Steel Cover.....	888.77	223.46
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	132.34	
				EA 24" x 24" x 30" Precast Concrete Handholes With Steel Cover.....	1,041.81	279.32
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	154.60	
				EA 30" x 36" x 30" Precast Concrete Handholes With Steel Cover.....	1,099.51	279.32
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	182.89	
				EA 36" x 36" x 48" Precast Concrete Handholes With Steel Cover.....	1,267.94	335.19
				Note: 8000 To 12000 pound traffic rated top.		
				For 15,000 to 22,500 Pound Traffic Rated Top, Add	209.42	

**33 Utilities****33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0435 EA 48" x 48" x 48" Precast Concrete Handholes With Steel Cover ..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	1,454.75 329.43	391.06
33 05 16 13-0436 EA 48" x 72" x 36" Precast Concrete Handholes With Steel Cover ..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	1,439.26 398.74	335.19
33 05 16 13-0437 EA 54" x 38" x 24" Precast Concrete Handholes With Steel Cover ..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	1,453.99 228.54	335.19
33 05 16 13-0438 EA 6" Diameter Precast Concrete Handholes With Steel Cover..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	324.38 15.00	111.72
33 05 16 13-0439 EA 9" Diameter Precast Concrete Handholes With Steel Cover..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	383.35 15.00	125.69
33 05 16 13-0440 EA 12" Diameter Precast Concrete Handholes With Steel Cover..... Note: 8000 To 12000 pound traffic rated top. For 15,000 to 22,500 Pound Traffic Rated Top, Add	473.35 15.00	139.66

**33 05 23 Trenchless Utility Installation** (33 05)**33 05 23 13 Utility Horizontal Directional Drilling** (33 05 23)**33 05 23 13-0001 Horizontal Augering** (33 05 23 13)

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 23 13-0002 LF Up To 2" Diameter Horizontal Hand Augering .....	11.66	
33 05 23 13-0003 LF 3" Diameter Horizontal Hand Augering .....	14.07	
33 05 23 13-0004 LF 4" Diameter Horizontal Hand Augering .....	19.29	
33 05 23 13-0005 LF 6" Diameter Horizontal Hand Augering .....	24.91	
33 05 23 13-0006 LF 8" Diameter Horizontal Augering.....	46.08	
33 05 23 13-0007 LF 10" Diameter Horizontal Augering.....	67.22	
33 05 23 13-0008 LF 12" Diameter Horizontal Augering.....	80.77	
33 05 23 13-0009 LF 16" Diameter Horizontal Augering.....	96.50	
33 05 23 13-0010 LF 20" Diameter Horizontal Augering.....	166.97	
33 05 23 13-0011 LF 24" Diameter Horizontal Augering.....	213.41	
33 05 23 13-0012 LF 30" Diameter Horizontal Augering.....	263.22	
33 05 23 13-0013 LF 36" Diameter Horizontal Augering.....	300.74	
33 05 23 13-0014 LF 42" Diameter Horizontal Augering.....	393.68	
33 05 23 13-0015 LF 48" Diameter Horizontal Augering.....	424.21	
33 05 23 13-0016 LF 54" Diameter Horizontal Augering.....	461.34	
33 05 23 13-0017 LF 60" Diameter Horizontal Augering.....	483.66	
33 05 23 13-0018 EA 8" To 36" Horizontal Augering Minimum Set-up Charge ..... Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	984.01	
33 05 23 13-0019 EA >36" Horizontal Augering Minimum Set-up Charge ..... Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,786.20	

**33 05 23 13-0020 Horizontal Directional Boring** (33 05 23 13)

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 23 13-0021 LF Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground.....	6.35	
33 05 23 13-0022 LF 2" Diameter Directional Boring For Horizontal Pipe, Underground .....	9.53	
33 05 23 13-0023 LF 2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground .....	13.24	
33 05 23 13-0024 LF 3" Diameter Directional Boring For Horizontal Pipe, Underground .....	16.41	
33 05 23 13-0025 LF 4" Diameter Directional Boring For Horizontal Pipe, Underground .....	19.59	
33 05 23 13-0026 LF 5" Diameter Directional Boring For Horizontal Pipe, Underground .....	22.76	
33 05 23 13-0027 LF 6" Diameter Directional Boring For Horizontal Pipe, Underground .....	26.47	
33 05 23 13-0028 LF 8" Diameter Directional Boring For Horizontal Pipe, Underground .....	32.53	
33 05 23 13-0029 LF 10" Diameter Directional Boring For Horizontal Pipe, Underground .....	35.24	
33 05 23 13-0030 LF 12" Diameter Directional Boring For Horizontal Pipe, Underground .....	37.95	
33 05 23 13-0031 LF 18" Diameter Directional Boring For Horizontal Pipe, Underground .....	43.37	
33 05 23 13-0032 LF 24" Diameter Directional Boring For Horizontal Pipe, Underground .....	55.35	
33 05 23 13-0033 LF 30" Diameter Directional Boring For Horizontal Pipe, Underground .....	61.50	
33 05 23 13-0034 LF 36" Diameter Directional Boring For Horizontal Pipe, Underground .....	67.65	
33 05 23 13-0035 EA Boring Minimum Charge .....	1,476.01	
Note: For projects where the total boring charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

**33 05 23 13-0036 Casing Pipe** (33 05 23 13)

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

**33 05 23 13-0037 Steel Pipe** (33 05 23 13-0036)

33 05 23 13-0038 LF 1-1/2" Steel Pipe Pull In Place By Boring Machine .....	7.65	
Note: Includes pipe welding.		
33 05 23 13-0039 LF 2" Steel Pipe Pull In Place By Boring Machine .....	8.12	
Note: Includes pipe welding.		
33 05 23 13-0040 LF 2-1/2" Steel Pipe Pull In Place By Boring Machine .....	8.76	
Note: Includes pipe welding.		
33 05 23 13-0041 LF 3" Steel Pipe Pull In Place By Boring Machine .....	9.40	
Note: Includes pipe welding.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 23 13-0042 LF 4" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	11.84	
33 05 23 13-0043 LF 5" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	13.36	
33 05 23 13-0044 LF 6" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	14.88	
<b>33 05 23 13-0045 Polyethylene Pipe</b> <small>(33 05 23 13-0036)</small>		
33 05 23 13-0046 LF 3/4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	2.84	
33 05 23 13-0047 LF 1" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	3.11	
33 05 23 13-0048 LF 1-1/4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	3.37	
33 05 23 13-0049 LF 1-1/2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	3.61	
33 05 23 13-0050 LF 2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	3.86	
33 05 23 13-0051 LF 2-1/2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	4.13	
33 05 23 13-0052 LF 3" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	4.40	
33 05 23 13-0053 LF 4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	5.35	
33 05 23 13-0054 LF 5" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	5.93	
33 05 23 13-0055 LF 6" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	6.50	
33 05 23 13-0056 LF 8" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	8.48	
33 05 23 13-0057 LF 10" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	11.56	
<b>33 05 23 16 Utility Pipe Jacking</b> <small>(33 05 23)</small>		
<b>33 05 23 16-0001 Horizontal Jacking</b> <small>(33 05 23 16)</small>		
Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.		
33 05 23 16-0002 LF Up To 2" Diameter Horizontal Jacking .....	29.31	
33 05 23 16-0003 LF 3" Diameter Horizontal Jacking.....	35.17	
33 05 23 16-0004 LF 4" Diameter Horizontal Jacking.....	47.66	
33 05 23 16-0005 LF 6" Diameter Horizontal Jacking.....	61.60	
33 05 23 16-0006 LF 8" Diameter Horizontal Jacking.....	83.62	
33 05 23 16-0007 LF 10" Diameter Horizontal Jacking.....	122.48	
33 05 23 16-0008 LF 12" Diameter Horizontal Jacking.....	147.42	
33 05 23 16-0009 LF 16" Diameter Horizontal Jacking.....	176.03	
33 05 23 16-0010 LF 20" Diameter Horizontal Jacking.....	279.84	
33 05 23 16-0011 LF 24" Diameter Horizontal Jacking.....	433.68	
33 05 23 16-0012 LF 30" Diameter Horizontal Jacking.....	508.33	
33 05 23 16-0013 LF 36" Diameter Horizontal Jacking.....	575.09	
33 05 23 16-0014 LF 42" Diameter Horizontal Jacking.....	618.25	
33 05 23 16-0015 LF 48" Diameter Horizontal Jacking.....	669.81	
33 05 23 16-0016 LF 54" Diameter Horizontal Jacking.....	717.73	
33 05 23 16-0017 EA Up To 36" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,190.80	
33 05 23 16-0018 EA >36" Horizontal Jacking Minimum Set-up Charge ..... Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,232.75	
<b>33 05 26 Utility Identification</b> <small>(33 05)</small>		
<b>33 05 26 16 Utility Identification Markers</b> <small>(33 05 26)</small>		
<b>33 05 26 16-0001 Reflective Sheeting Delineators</b> <small>(33 05 26 16)</small>		
33 05 26 16-0002 EA Delineator, Single Unit One Way On Post, 3" Diameter or 3" x 3" Square.....	22.63	
33 05 26 16-0003 EA Delineator, Single Unit Back To Back On Post, 3" Diameter or 3" x 3" Square.....	24.66	
33 05 26 16-0004 EA Delineator, Single Unit Two Way On Post, 3" Diameter or 3" x 3" Square.....	28.73	
33 05 26 16-0005 EA Delineator, Single Unit Three Way On Post, 3" Diameter or 3" x 3" Square .....	30.76	
33 05 26 16-0006 EA Delineator, Single Unit Four Way On Post, 3" Diameter or 3" x 3" Square.....	32.80	
33 05 26 16-0007 EA Delineator, Double Unit On Post, 3" Diameter or 3" x 3" Square .....	27.20	
33 05 26 16-0008 EA Delineator, Single Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square .....	23.13	
33 05 26 16-0009 EA Delineator, Double Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square.....	25.17	
33 05 26 16-0010 EA Delineator, Single Unit, Back To Back, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square .....	25.17	
33 05 26 16-0011 EA Delineator, Single Unit, Two Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square .....	27.20	
33 05 26 16-0012 EA Delineator, Single Unit, Three Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square.....	29.24	
33 05 26 16-0013 EA Delineator, Single Unit, Four Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square.....	31.27	
33 05 26 16-0014 EA Delineator, White, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square.....	49.58	
33 05 26 16-0015 EA Delineator, Single Unit Three Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square.....	30.76	

**33 Utilities****33 05 Common Work Results For Utilities****33 05 26 Utility Identification**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 26 16-0016 EA Delineator, White, Double Unit On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square .....	52.12	
33 05 26 16-0017 EA Delineator, Yellow, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square .....	49.58	
33 05 26 16-0018 EA Delineator, Yellow, Single Unit, Back To Back On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square .....	51.61	
33 05 26 16-0019 EA Delineator, Yellow, Double Unit, On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square .....	52.12	
33 05 26 16-0020 EA Relocate Delineator .....	26.86	
<b>33 05 26 16-0021 Reference Markers</b> <small>(33 05 26 16)</small>		
33 05 26 16-0022 EA Reference Marker, 4' Mounting Height.....	32.02	
33 05 26 16-0023 EA Reference Marker, 7' Mounting Height.....	38.02	
33 05 26 16-0024 EA Reference Marker, Band Or Bracket Mounted.....	36.27	
33 05 26 16-0025 EA Reference Marker, Furnish Panel Only.....	25.75	
33 05 26 16-0026 EA Relocate Reference Marker .....	26.86	
<b>33 05 26 16-0027 Snowplowing Marker</b> <small>(33 05 26 16)</small>		
33 05 26 16-0028 EA Snowplowing Marker, Single Unit .....	31.41	
33 05 26 16-0029 EA Snowplowing Marker, Double Unit.....	32.41	
33 05 26 16-0030 EA Supplementary Snowplowing Marker.....	32.41	
33 05 26 16-0031 EA Relocate Snowplowing Marker.....	27.12	
<b>33 05 26 26 Utility Identification Warning Tape</b> <small>(33 05 26)</small>		
<b>33 05 26 26-0001 Non-Detectable Utility Warning Tape</b> <small>(33 05 26 26)</small>		
Note: Labor installation is included with pipe and excavation..		
33 05 26 26-0002 LF 3" Non-Detectable Utility Warning Tape.....	0.02	
33 05 26 26-0003 LF 6" Non-Detectable Utility Warning Tape.....	0.03	
<b>33 05 26 26-0004 Detectable Utility Warning Tape</b> <small>(33 05 26 26)</small>		
Note: Labor installation is included with pipe and excavation..		
33 05 26 26-0005 LF 2" Detectable Utility Warning Tape .....	0.02	
33 05 26 26-0006 LF 3" Detectable Utility Warning Tape .....	0.03	
33 05 26 26-0007 LF 6" Detectable Utility Warning Tape .....	0.06	
<b>33 10 Water Utilities</b> <small>(33)</small>		
<b>33 11 Water Utility Distribution Piping</b> <small>(33 10)</small>		
Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
<b>33 11 13 Public Water Utility Distribution Piping</b> <small>(33 11)</small>		
<b>33 11 13 13 Ductile Iron Public Water Utility Distribution Piping</b> <small>(33 11 13)</small>		
<b>33 11 13 13-0001 Ductile Iron Piping</b> <small>(33 11 13 13)</small>		
<b>33 11 13 13-0002 Mechanical Joint Ductile Iron Piping</b> <small>(33 11 13 13-0001)</small>		
Note: Cement lining and bituminous coating shall conform to ANSI A21.4.		
<b>33 11 13 13-0003 Mechanical Joint Ductile Iron Pipe</b> <small>(33 11 13 13-0002)</small>		
Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.		
33 11 13 13-0004 LF 4" Mechanical Joint Ductile Iron Pipe.....	29.41	6.84
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	13.34	
For Cement Mortar Lining (CML), Add	1.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.43	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-1.47	
For Class 51, Add	1.77	
For Class 52, Add	3.98	
For Class 53, Add	10.60	
For Class 54, Add	15.13	
For Class 55, Add	17.39	
For Class 56, Add	19.62	
33 11 13 13-0005 LF 6" Mechanical Joint Ductile Iron Pipe.....	30.70	7.18
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	13.90	
For Cement Mortar Lining (CML), Add	1.99	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.49	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-1.54	
For Class 51, Add	1.85	
For Class 52, Add	4.15	
For Class 53, Add	11.05	
For Class 54, Add	15.76	
For Class 55, Add	18.12	
For Class 56, Add	20.44	



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0006	LF	8" Mechanical Joint Ductile Iron Pipe.....	36.70	7.46
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	17.78	
			For Cement Mortar Lining (CML), Add	2.54	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.91	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-1.84	
			For Class 51, Add	2.33	
			For Class 52, Add	5.24	
			For Class 53, Add	14.04	
			For Class 54, Add	20.03	
			For Class 55, Add	23.02	
			For Class 56, Add	25.96	
33 11 13	13-0007	LF	10" Mechanical Joint Ductile Iron Pipe.....	49.22	10.68
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	19.82	
			For Cement Mortar Lining (CML), Add	3.30	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.48	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-2.46	
			For Class 51, Add	3.05	
			For Class 52, Add	6.85	
			For Class 53, Add	18.31	
			For Class 54, Add	26.13	
			For Class 55, Add	30.04	
			For Class 56, Add	33.87	
33 11 13	13-0008	LF	12" Mechanical Joint Ductile Iron Pipe.....	60.18	11.87
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	21.10	
			For Cement Mortar Lining (CML), Add	4.22	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.17	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-3.01	
			For Class 51, Add	3.87	
			For Class 52, Add	8.68	
			For Class 53, Add	23.29	
			For Class 54, Add	33.24	
			For Class 55, Add	38.20	
			For Class 56, Add	43.06	
33 11 13	13-0009	LF	14" Mechanical Joint Ductile Iron Pipe.....	72.56	13.32
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	23.03	
			For Cement Mortar Lining (CML), Add	5.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.92	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-3.63	
			For Class 51, Add	4.77	
			For Class 52, Add	10.72	
			For Class 53, Add	28.80	
			For Class 54, Add	41.12	
			For Class 55, Add	47.24	
			For Class 56, Add	53.25	
33 11 13	13-0010	LF	16" Mechanical Joint Ductile Iron Pipe.....	81.79	15.27
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	24.05	
			For Cement Mortar Lining (CML), Add	5.87	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.40	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-4.09	
			For Class 51, Add	5.35	
			For Class 52, Add	12.02	
			For Class 53, Add	32.31	
			For Class 54, Add	46.12	
			For Class 55, Add	52.99	
			For Class 56, Add	59.73	
33 11 13	13-0011	LF	18" Mechanical Joint Ductile Iron Pipe.....	102.21	17.80
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	30.85	
			For Cement Mortar Lining (CML), Add	7.52	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.64	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-5.11	
			For Class 51, Add	6.83	
			For Class 52, Add	15.35	
			For Class 53, Add	41.33	
			For Class 54, Add	59.01	
			For Class 55, Add	67.78	
			For Class 56, Add	76.40	

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0012 LF 20" Mechanical Joint Ductile Iron Pipe.....	115.23	21.36
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	31.49	
For Cement Mortar Lining (CML), Add	8.29	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.21	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-5.76	
For Class 51, Add	7.56	
For Class 52, Add	16.98	
For Class 53, Add	45.62	
For Class 54, Add	65.12	
For Class 55, Add	74.82	
For Class 56, Add	84.33	
33 11 13 13-0013 LF 24" Mechanical Joint Ductile Iron Pipe.....	151.67	26.71
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	34.48	
For Cement Mortar Lining (CML), Add	11.12	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.34	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-7.58	
For Class 51, Add	10.10	
For Class 52, Add	22.71	
For Class 53, Add	61.11	
For Class 54, Add	87.25	
For Class 55, Add	100.23	
For Class 56, Add	112.97	
<b>33 11 13 13-0014 Mechanical Joint Ductile Iron 90 Degree Elbow</b> (33 11 13 13-0002)		
33 11 13 13-0015 EA 4" Mechanical Joint Ductile Iron 90 Degree Elbow .....	188.58	24.23
For Cement Mortar Lining (CML), Add	15.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.39	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	11.39	
33 11 13 13-0016 EA 6" Mechanical Joint Ductile Iron 90 Degree Elbow .....	302.53	35.81
For Cement Mortar Lining (CML), Add	24.83	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.62	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	18.62	
33 11 13 13-0017 EA 8" Mechanical Joint Ductile Iron 90 Degree Elbow .....	425.57	42.47
For Cement Mortar Lining (CML), Add	36.12	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.09	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	27.09	
33 11 13 13-0018 EA 10" Mechanical Joint Ductile Iron 90 Degree Elbow .....	646.38	47.36
For Cement Mortar Lining (CML), Add	57.46	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.10	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	43.10	
33 11 13 13-0019 EA 12" Mechanical Joint Ductile Iron 90 Degree Elbow .....	857.83	55.56
For Cement Mortar Lining (CML), Add	77.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	58.03	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	58.03	
33 11 13 13-0020 EA 14" Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,389.35	62.30
For Cement Mortar Lining (CML), Add	129.50	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	97.12	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	97.12	
33 11 13 13-0021 EA 16" Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,866.65	71.20
For Cement Mortar Lining (CML), Add	175.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	131.91	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	131.91	
33 11 13 13-0022 EA 18" Mechanical Joint Ductile Iron 90 Degree Elbow .....	2,268.92	99.69
For Cement Mortar Lining (CML), Add	211.79	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	158.84	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	158.84	
33 11 13 13-0023 EA 20" Mechanical Joint Ductile Iron 90 Degree Elbow .....	3,141.95	124.60
For Cement Mortar Lining (CML), Add	295.32	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	221.49	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	221.49	



<b>Utilities</b>	<b>33</b>	<b>33</b>
Water Utilities	33 10	
Water Utility Distribution Piping	33 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0024 EA 24" Mechanical Joint Ductile Iron 90 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,659.64 440.82 330.62 330.62	165.92
<b>33 11 13 13-0025 Mechanical Joint Ductile Iron 45 Degree Elbow</b> (33 11 13 13-0002)		
33 11 13 13-0026 EA 4" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	161.90 12.52 9.39 9.39	24.23
33 11 13 13-0027 EA 6" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	255.33 20.11 15.08 15.08	35.81
33 11 13 13-0028 EA 8" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	357.85 29.35 22.01 22.01	42.47
33 11 13 13-0029 EA 10" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	500.67 42.89 32.17 32.17	47.36
33 11 13 13-0030 EA 12" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	724.44 64.03 48.02 48.02	55.56
33 11 13 13-0031 EA 14" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,102.04 100.77 75.57 75.57	62.30
33 11 13 13-0032 EA 16" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,363.85 125.60 94.20 94.20	71.20
33 11 13 13-0033 EA 18" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,952.88 180.19 135.14 135.14	99.69
33 11 13 13-0034 EA 20" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,113.78 192.50 144.38 144.38	124.60
33 11 13 13-0035 EA 24" Mechanical Joint Ductile Iron 45 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,175.87 292.44 219.33 219.33	165.92
<b>33 11 13 13-0036 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow</b> (33 11 13 13-0002)		
33 11 13 13-0037 EA 4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	155.74 11.90 8.93 8.93	24.23
33 11 13 13-0038 EA 6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	238.91 18.47 13.85 13.85	35.81

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0039	EA		8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	351.69	42.47
			For Cement Mortar Lining (CML), Add	28.73	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.55	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	21.55	
33 11 13 13-0040	EA		10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	498.62	47.36
			For Cement Mortar Lining (CML), Add	42.69	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.02	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	32.02	
33 11 13 13-0041	EA		12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	644.40	55.56
			For Cement Mortar Lining (CML), Add	56.03	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	42.02	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	42.02	
33 11 13 13-0042	EA		14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,114.35	62.30
			For Cement Mortar Lining (CML), Add	102.00	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	76.50	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	76.50	
33 11 13 13-0043	EA		16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,312.54	71.20
			For Cement Mortar Lining (CML), Add	120.47	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	90.35	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	90.35	
33 11 13 13-0044	EA		18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,630.67	99.69
			For Cement Mortar Lining (CML), Add	147.97	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	110.97	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	110.97	
33 11 13 13-0045	EA		20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,199.98	124.60
			For Cement Mortar Lining (CML), Add	201.12	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.84	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	150.84	
33 11 13 13-0046	EA		24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,950.13	165.92
			For Cement Mortar Lining (CML), Add	269.87	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	202.40	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	202.40	
<b>33 11 13 13-0047</b>			<b>Mechanical Joint Ductile Iron 11-1/4 Degree Elbow</b> <small>(33 11 13 13-0002)</small>		
33 11 13 13-0048	EA		4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	149.58	24.23
			For Cement Mortar Lining (CML), Add	11.29	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.47	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0049	EA		6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	245.07	35.81
			For Cement Mortar Lining (CML), Add	19.09	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.31	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0050	EA		8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	325.01	42.47
			For Cement Mortar Lining (CML), Add	26.06	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.55	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0051	EA		10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	494.51	47.36
			For Cement Mortar Lining (CML), Add	42.28	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	31.71	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0052	EA		12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	609.51	55.56
			For Cement Mortar Lining (CML), Add	52.54	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.40	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0053	EA		14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,258.01	62.30
			For Cement Mortar Lining (CML), Add	116.36	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	87.27	
			Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0054	EA		16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,382.32	71.20
			For Cement Mortar Lining (CML), Add	127.44	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	95.58	
			Note: ANSI/AWWA C151/A21.51		



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0055 EA 18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,020.60 186.96 140.22	99.69
33 11 13 13-0056 EA 20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,083.01 189.42 142.07	124.60
33 11 13 13-0057 EA 24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,777.74 252.63 189.47	165.92
<b>33 11 13 13-0058 Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow</b> <small>(33 11 13 13-0002)</small>		
33 11 13 13-0059 EA 4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	217.31 18.06 13.55	24.23
33 11 13 13-0060 EA 6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	353.84 29.96 22.47	35.81
33 11 13 13-0061 EA 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	493.30 42.89 32.17	42.47
33 11 13 13-0062 EA 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	744.88 67.31 50.48	47.36
33 11 13 13-0063 EA 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	964.55 88.04 66.03	55.56
33 11 13 13-0064 EA 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,732.08 163.77 122.83	62.30
33 11 13 13-0065 EA 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,701.91 259.40 194.55	71.20
33 11 13 13-0066 EA 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,098.03 294.70 221.03	99.69
33 11 13 13-0067 EA 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,233.75 404.50 303.37	124.60
33 11 13 13-0068 EA 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,111.13 485.97 364.48	165.92
<b>33 11 13 13-0069 Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow</b> <small>(33 11 13 13-0002)</small>		
33 11 13 13-0070 EA 4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	168.05 13.13 9.85	24.23
33 11 13 13-0071 EA 6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	277.90 22.37 16.78	35.81

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0072 EA 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	423.52	42.47
For Cement Mortar Lining (CML), Add	35.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.94	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0073 EA 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	605.33	47.36
For Cement Mortar Lining (CML), Add	53.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	40.02	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0074 EA 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	843.47	55.56
For Cement Mortar Lining (CML), Add	75.93	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	56.95	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0075 EA 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,516.59	62.30
For Cement Mortar Lining (CML), Add	142.22	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	106.67	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0076 EA 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,363.29	71.20
For Cement Mortar Lining (CML), Add	225.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	169.16	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0077 EA 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,755.30	99.69
For Cement Mortar Lining (CML), Add	260.43	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	195.32	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0078 EA 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	3,589.35	124.60
For Cement Mortar Lining (CML), Add	340.06	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	255.04	
Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0079 EA 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	4,489.31	165.92
For Cement Mortar Lining (CML), Add	423.79	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	317.84	
Note: ANSI/AWWA C151/A21.51		
<b>33 11 13 13-0080 Mechanical Joint Ductile Iron Tee</b> (33 11 13 13-0002)		
33 11 13 13-0081 EA 4" x 4" Mechanical Joint Ductile Iron Tee.....	253.28	35.81
For Cement Mortar Lining (CML), Add	19.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.93	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	14.93	
33 11 13 13-0082 EA 6" x 4" Mechanical Joint Ductile Iron Tee.....	405.67	46.96
For Cement Mortar Lining (CML), Add	33.45	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.09	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	25.09	
33 11 13 13-0083 EA 6" x 6" Mechanical Joint Ductile Iron Tee.....	438.76	52.57
For Cement Mortar Lining (CML), Add	35.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.94	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	26.94	
33 11 13 13-0084 EA 8" x 4" Mechanical Joint Ductile Iron Tee.....	470.33	54.42
For Cement Mortar Lining (CML), Add	38.79	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.09	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	29.09	
33 11 13 13-0085 EA 8" x 6" Mechanical Joint Ductile Iron Tee.....	538.32	60.02
For Cement Mortar Lining (CML), Add	44.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	33.55	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	33.55	
33 11 13 13-0086 EA 8" x 8" Mechanical Joint Ductile Iron Tee.....	636.33	63.76
For Cement Mortar Lining (CML), Add	53.97	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	40.48	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	40.48	
33 11 13 13-0087 EA 10" x 4" Mechanical Joint Ductile Iron Tee.....	684.33	58.86
For Cement Mortar Lining (CML), Add	59.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.64	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	44.64	





	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0088	EA	10" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	673.95 57.67 43.25 43.25	64.20
33 11 13	13-0089	EA	10" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	777.86 67.52 50.64 50.64	67.76
33 11 13	13-0090	EA	10" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	879.52 77.16 57.87 57.87	71.20
33 11 13	13-0091	EA	12" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	828.52 72.86 54.64 54.64	65.98
33 11 13	13-0092	EA	12" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	949.48 84.14 63.11 63.11	71.32
33 11 13	13-0093	EA	12" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,194.98 108.15 81.11 81.11	74.88
33 11 13	13-0094	EA	12" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,284.34 116.57 87.43 87.43	78.33
33 11 13	13-0095	EA	12" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,201.49 107.74 80.81 80.81	81.88
33 11 13	13-0096	EA	14" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,291.58 116.57 87.43 87.43	83.10
33 11 13	13-0097	EA	14" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,450.90 131.96 98.97 98.97	86.66
33 11 13	13-0098	EA	14" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,899.39 176.29 132.22 132.22	90.11
33 11 13	13-0099	EA	14" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,036.13 189.42 142.07 142.07	93.66
33 11 13	13-0100	EA	14" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,944.51 179.37 134.52 134.52	99.57
33 11 13	13-0101	EA	16" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,655.27 150.43 112.82 112.82	99.68

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0102	EA	16" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,790.01 163.36 122.52 122.52	103.24
33 11 13	13-0103	EA	16" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,115.37 195.37 146.53 146.53	106.68
33 11 13	13-0104	EA	16" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,330.09 216.31 162.23 162.23	110.24
33 11 13	13-0105	EA	16" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,841.83 266.59 199.94 199.94	116.13
33 11 13	13-0106	EA	16" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,653.25 246.47 184.86 184.86	124.44
33 11 13	13-0107	EA	18" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,323.51 213.02 159.77 159.77	127.57
33 11 13	13-0108	EA	18" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,505.40 230.67 173.00 173.00	131.13
33 11 13	13-0109	EA	18" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,728.15 252.43 189.32 189.32	134.57
33 11 13	13-0110	EA	18" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,949.03 273.97 205.48 205.48	138.13
33 11 13	13-0111	EA	18" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,029.79 281.16 210.87 210.87	144.03
33 11 13	13-0112	EA	18" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,237.30 300.65 225.49 225.49	152.32
33 11 13	13-0113	EA	18" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,818.69 356.68 267.51 267.51	166.25
33 11 13	13-0114	EA	20" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,674.19 239.70 179.78 179.78	182.93
33 11 13	13-0115	EA	20" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,732.94 245.04 183.78 183.78	186.50



	<b>Utilities</b>	<b>33</b>
	<b>Water Utilities</b>	<b>33 10</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0116	EA		20" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,007.00 271.92 203.94 203.94	189.94
33 11 13 13-0117	EA		20" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,279.18 298.60 223.95 223.95	193.50
33 11 13 13-0118	EA		20" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,310.69 300.86 225.64 225.64	199.39
33 11 13 13-0119	EA		20" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,347.87 303.32 227.49 227.49	207.68
33 11 13 13-0120	EA		20" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,296.61 396.08 297.06 297.06	221.62
33 11 13 13-0121	EA		20" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,665.43 328.77 246.58 246.58	249.31
33 11 13 13-0122	EA		24" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,244.21 288.34 216.26 216.26	238.13
33 11 13 13-0123	EA		24" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,286.54 292.03 219.03 219.03	242.03
33 11 13 13-0124	EA		24" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,669.36 329.80 247.35 247.35	245.13
33 11 13 13-0125	EA		24" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,767.10 339.03 254.27 254.27	248.70
33 11 13 13-0126	EA		24" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,297.30 391.16 293.37 293.37	254.59
33 11 13 13-0127	EA		24" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,669.01 427.07 320.30 320.30	262.87
33 11 13 13-0128	EA		24" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	5,355.06 493.56 370.17 370.17	276.82
33 11 13 13-0129	EA		24" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	5,940.85 547.95 410.96 410.96	304.50

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0130 EA 24" x 24" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	5,383.41 488.02 366.02 366.02	332.11
<b>33 11 13 13-0131 Mechanical Joint Ductile Iron Wye (Laterals)</b> <small>(33 11 13 13-0002)</small>		
33 11 13 13-0132 EA 4" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	380.52 32.63 24.47	35.78
33 11 13 13-0133 EA 6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	407.72 33.66 25.24	46.96
33 11 13 13-0134 EA 6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	572.16 49.25 36.94	52.55
33 11 13 13-0135 EA 8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	761.75 67.93 50.95	54.42
33 11 13 13-0136 EA 8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	659.40 56.85 42.64	60.02
33 11 13 13-0137 EA 8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	814.87 71.83 53.87	63.74
33 11 13 13-0138 EA 10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,232.28 114.31 85.73	58.86
33 11 13 13-0139 EA 10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,299.88 120.26 90.20	64.20
33 11 13 13-0140 EA 10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,506.40 140.37 105.28	67.76
33 11 13 13-0141 EA 10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,706.58 159.87 119.90	71.20
33 11 13 13-0142 EA 12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,591.95 149.20 111.90	65.98
33 11 13 13-0143 EA 12" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,807.31 169.93 127.44	71.32
33 11 13 13-0144 EA 12" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,200.58 208.71 156.53	74.88
33 11 13 13-0145 EA 12" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,261.21 214.25 160.69	78.33
33 11 13 13-0146 EA 12" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,026.49 190.24 142.68	81.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0147 EA 14" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,416.21 229.03 171.77	83.10
33 11 13 13-0148 EA 14" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,782.80 265.15 198.86	86.66
33 11 13 13-0149 EA 14" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,680.74 354.42 265.82	90.11
33 11 13 13-0150 EA 14" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,948.82 380.69 285.52	93.66
33 11 13 13-0151 EA 14" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,842.82 369.20 276.90	99.55
33 11 13 13-0152 EA 16" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,453.64 230.26 172.70	99.68
33 11 13 13-0153 EA 16" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,713.52 255.71 191.78	103.24
33 11 13 13-0154 EA 16" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,229.74 306.81 230.11	106.68
33 11 13 13-0155 EA 16" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,631.21 346.42 259.81	110.24
33 11 13 13-0156 EA 16" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,588.29 441.23 330.92	116.13
33 11 13 13-0157 EA 16" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,399.71 421.12 315.84	124.42
33 11 13 13-0158 EA 18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,922.20 372.89 279.67	127.57
33 11 13 13-0159 EA 18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,235.44 403.68 302.76	131.13
33 11 13 13-0160 EA 18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,538.22 433.43 325.07	134.57
33 11 13 13-0161 EA 18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,867.87 465.86 349.39	138.13
33 11 13 13-0162 EA 18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,913.75 469.55 352.16	144.03
33 11 13 13-0163 EA 18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,950.92 472.02 354.01	152.32

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0164 EA 18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,475.41 422.35 316.76	166.26
33 11 13 13-0165 EA 20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,590.98 431.38 323.54	182.93
33 11 13 13-0166 EA 20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,692.83 441.03 330.77	186.50
33 11 13 13-0167 EA 20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,182.37 489.46 367.09	189.94
33 11 13 13-0168 EA 20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,667.99 537.48 403.11	193.50
33 11 13 13-0169 EA 20" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,717.97 541.59 406.19	199.39
33 11 13 13-0170 EA 20" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,773.62 545.90 409.42	207.68
33 11 13 13-0171 EA 20" x 18" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,726.47 639.07 479.30	221.62
33 11 13 13-0172 EA 20" x 20" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,296.40 591.87 443.90	249.30
33 11 13 13-0173 EA 24" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,550.93 519.01 389.26	238.13
33 11 13 13-0174 EA 24" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,621.99 525.58 394.18	241.69
33 11 13 13-0175 EA 24" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,306.49 593.51 445.13	245.13
33 11 13 13-0176 EA 24" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,615.61 623.88 467.91	248.70
33 11 13 13-0177 EA 24" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	7,699.91 731.42 548.56	254.59
33 11 13 13-0178 EA 24" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,592.89 819.46 614.59	262.87
33 11 13 13-0179 EA 24" x 18" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	9,648.34 922.89 692.17	276.82
33 11 13 13-0180 EA 24" x 20" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10,599.44 1,013.81 760.36	304.50



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0181	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,286.77 878.36 658.77	332.10
<b>33 11 13</b>	<b>13-0182</b>		<b>Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee</b> <small>(33 11 13 13-0002)</small>		
33 11 13	13-0183	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	494.17 41.46 31.09 31.09	52.57
33 11 13	13-0184	EA	8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	591.68 50.08 37.56 37.56	60.02
33 11 13	13-0185	EA	10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	951.00 85.37 64.03 64.03	64.20
33 11 13	13-0186	EA	12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,070.56 96.25 72.19 72.19	71.32
33 11 13	13-0187	EA	14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,488.60 136.27 102.20 102.20	83.10
33 11 13	13-0188	EA	16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,913.90 176.29 132.22 132.22	99.68
33 11 13	13-0189	EA	18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,339.92 214.66 161.00 161.00	127.57
33 11 13	13-0190	EA	20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,271.39 299.42 224.57 224.57	182.93
33 11 13	13-0191	EA	24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,774.89 343.14 257.35 257.35	238.13
33 11 13	13-0192	EA	30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	7,707.74 728.75 546.56 546.56	277.35
<b>33 11 13</b>	<b>13-0193</b>		<b>Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee</b> <small>(33 11 13 13-0002)</small>		
33 11 13	13-0194	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... <i>Note: Includes swivel gland.</i> <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	432.61 35.30 26.47 26.47	52.57
33 11 13	13-0195	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... <i>Note: Includes swivel gland.</i> <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	509.59 41.87 31.40 31.40	60.02

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0196	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	770.40 67.31 50.48 50.48	64.20
33 11 13 13-0197	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	970.00 86.19 64.65 64.65	71.32
33 11 13 13-0198	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,234.12 110.82 83.12 83.12	83.10
33 11 13 13-0199	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,569.13 141.81 106.36 106.36	99.68
33 11 13 13-0200	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,030.03 183.68 137.76 137.76	127.57
33 11 13 13-0201	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,128.29 185.11 138.83 138.83	182.93
33 11 13 13-0202	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee ..... Note: Includes swivel gland. <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,009.40 266.59 199.94 199.94	238.13
<b>33 11 13 13-0203</b>		<b>Mechanical Joint Ductile Iron Cross</b> (33 11 13 13-0002)		
33 11 13 13-0204	EA	4" x 4" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	496.69 42.89 32.17 32.17	44.73
33 11 13 13-0205	EA	6" x 4" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	558.27 46.79 35.09 35.09	59.63
33 11 13 13-0206	EA	6" x 6" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	638.32 52.54 39.40 39.40	74.55
33 11 13 13-0207	EA	8" x 4" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	564.71 46.59 34.94 34.94	65.23
33 11 13 13-0208	EA	8" x 6" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	665.26 54.38 40.79 40.79	80.15





	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0209	EA	8" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	702.49 57.26 42.94 42.94	85.73
33 11 13	13-0210	EA	10" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	711.76 60.75 45.56 45.56	68.84
33 11 13	13-0211	EA	10" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	807.21 68.13 51.10 51.10	83.08
33 11 13	13-0212	EA	10" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	979.49 84.55 63.41 63.41	88.43
33 11 13	13-0213	EA	10" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,061.22 91.74 68.80 68.80	94.93
33 11 13	13-0214	EA	12 x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	880.82 76.75 57.57 57.57	74.76
33 11 13	13-0215	EA	12" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,019.37 88.45 66.34 66.34	89.01
33 11 13	13-0216	EA	12" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,538.47 139.55 104.66 104.66	94.35
33 11 13	13-0217	EA	12" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,548.37 139.55 104.66 104.66	100.88
33 11 13	13-0218	EA	12" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,772.83 161.10 120.83 120.83	106.80
33 11 13	13-0219	EA	14" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,839.38 169.11 126.83 126.83	97.90
33 11 13	13-0220	EA	14" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,188.15 203.17 152.38 152.38	103.24
33 11 13	13-0221	EA	14" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,239.09 207.28 155.46 155.46	109.78
33 11 13	13-0222	EA	14" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,362.99 218.77 164.08 164.08	115.70

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0223	EA	14" x 14" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,620.68 243.19 182.39 182.39	124.60
33 11 13	13-0224	EA	16" x 6" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,106.57 193.94 145.45 145.45	110.36
33 11 13	13-0225	EA	16" x 8" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,416.35 224.11 168.08 168.08	115.70
33 11 13	13-0226	EA	16" x 10" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,924.08 273.89 205.42 205.42	122.23
33 11 13	13-0227	EA	16" x 12" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,274.58 308.04 231.03 231.03	128.15
33 11 13	13-0228	EA	16" x 14" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,989.93 378.23 283.67 283.67	137.05
33 11 13	13-0229	EA	16" x 16" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	4,692.18 446.57 334.93 334.93	149.52
33 11 13	13-0230	EA	18" x 6" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,585.95 338.83 254.12 254.12	130.49
33 11 13	13-0231	EA	18" x 8" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,795.18 358.94 269.20 269.20	135.84
33 11 13	13-0232	EA	18" x 10" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	3,973.35 375.77 281.82 281.82	142.36
33 11 13	13-0233	EA	18" x 12" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	4,318.90 409.42 307.07 307.07	148.29
33 11 13	13-0234	EA	18" x 14" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	5,069.12 483.10 362.32 362.32	157.19
33 11 13	13-0235	EA	18" x 16" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	5,391.72 513.47 385.10 385.10	169.63
33 11 13	13-0236	EA	18" x 18" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	5,623.35 533.58 400.19 400.19	189.76



	<b>Utilities</b>	<b>33</b>
	<b>Water Utilities</b>	<b>33 10</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0237	EA	20" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,508.51 426.05 319.53 319.53	163.72
33 11 13	13-0238	EA	20" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,719.78 446.36 334.77 334.77	169.07
33 11 13	13-0239	EA	20" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	4,863.08 459.70 344.78 344.78	175.60
33 11 13	13-0240	EA	20" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	5,206.57 493.15 369.86 369.86	181.53
33 11 13	13-0241	EA	20" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	5,287.77 499.93 374.94 374.94	190.42
33 11 13	13-0242	EA	20" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,447.68 614.03 460.52 460.52	202.87
33 11 13	13-0243	EA	20" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,679.31 634.14 475.61 475.61	223.01
33 11 13	13-0244	EA	20" x 20" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	7,199.63 681.14 510.85 510.85	256.22
33 11 13	13-0245	EA	24" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,181.78 587.15 440.36 440.36	204.81
33 11 13	13-0246	EA	24" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,325.49 600.69 450.52 450.52	210.16
33 11 13	13-0247	EA	24" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,569.17 624.09 468.06 468.06	216.68
33 11 13	13-0248	EA	24" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,779.27 644.20 483.15 483.15	222.60
33 11 13	13-0249	EA	24" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	6,893.30 654.25 490.69 490.69	231.51
33 11 13	13-0250	EA	24" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	7,148.18 677.86 508.39 508.39	243.95

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0251	EA		24" x 18" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	9,561.34 916.12 687.09 687.09	264.09
33 11 13 13-0252	EA		24" x 20" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	10,046.77 959.63 719.72 719.72	297.33
33 11 13 13-0253	EA		24" x 24" Mechanical Joint Ductile Iron Cross..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	11,048.94 1,053.62 790.22 790.22	338.42
<b>33 11 13 13-0254</b>			<b>Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 11 13 13-0002)</b>		
33 11 13 13-0255	EA		6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	188.27 14.37 10.77 10.77	29.45
33 11 13 13-0256	EA		8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	247.33 19.70 14.78 14.78	33.18
33 11 13 13-0257	EA		8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	268.06 20.93 15.70 15.70	38.77
33 11 13 13-0258	EA		10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	309.75 25.65 19.24 19.24	35.13
33 11 13 13-0259	EA		10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	332.21 27.09 20.32 20.32	40.47
33 11 13 13-0260	EA		10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	364.28 29.76 22.32 22.32	44.02
33 11 13 13-0261	EA		12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	382.86 32.43 24.32 24.32	38.69
33 11 13 13-0262	EA		12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	423.80 35.71 26.78 26.78	44.02
33 11 13 13-0263	EA		12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	439.45 36.74 27.55 27.55	47.59
33 11 13 13-0264	EA		12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	483.65 40.63 30.48 30.48	51.03



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0265	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	867.79 79.22 59.41 59.41	49.91
33 11 13	13-0266	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	832.15 75.11 56.33 56.33	53.48
33 11 13	13-0267	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	726.54 64.03 48.02 48.02	56.92
33 11 13	13-0268	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	762.72 67.11 50.33 50.33	60.48
33 11 13	13-0269	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,019.91 93.17 69.88 69.88	58.20
33 11 13	13-0270	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	990.41 89.68 67.26 67.26	61.77
33 11 13	13-0271	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	962.78 86.40 64.80 64.80	65.21
33 11 13	13-0272	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,048.23 94.40 70.80 70.80	68.77
33 11 13	13-0273	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,170.02 105.69 79.27 79.27	74.66
33 11 13	13-0274	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,266.03 115.13 86.35 86.35	75.71
33 11 13	13-0275	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,431.31 131.14 98.35 98.35	79.15
33 11 13	13-0276	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,366.93 124.16 93.12 93.12	82.71
33 11 13	13-0277	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,447.68 131.34 98.51 98.51	88.60
33 11 13	13-0278	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,517.70 137.09 102.82 102.82	96.89

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0279	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,794.35	103.40
			<i>For Cement Mortar Lining (CML), Add</i>	163.77	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	122.83	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	122.83	
33 11 13	13-0280	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,705.16	106.83
			<i>For Cement Mortar Lining (CML), Add</i>	154.33	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	115.75	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	115.75	
33 11 13	13-0281	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,548.43	110.39
			<i>For Cement Mortar Lining (CML), Add</i>	138.12	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	103.59	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	103.59	
33 11 13	13-0282	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,547.09	116.29
			<i>For Cement Mortar Lining (CML), Add</i>	137.09	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	102.82	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	102.82	
33 11 13	13-0283	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,588.38	124.58
			<i>For Cement Mortar Lining (CML), Add</i>	139.96	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	104.97	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	104.97	
33 11 13	13-0284	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,927.59	138.52
			<i>For Cement Mortar Lining (CML), Add</i>	171.77	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	128.83	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	128.83	
33 11 13	13-0285	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,324.94	137.99
			<i>For Cement Mortar Lining (CML), Add</i>	211.59	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	158.69	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	158.69	
33 11 13	13-0286	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,387.23	143.89
			<i>For Cement Mortar Lining (CML), Add</i>	216.92	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	162.69	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	162.69	
33 11 13	13-0287	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,428.52	152.17
			<i>For Cement Mortar Lining (CML), Add</i>	219.80	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	164.85	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	164.85	
33 11 13	13-0288	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,353.18	166.11
			<i>For Cement Mortar Lining (CML), Add</i>	210.15	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	157.61	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	157.61	
33 11 13	13-0289	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,895.88	193.80
			<i>For Cement Mortar Lining (CML), Add</i>	260.22	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	195.17	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	195.17	
33 11 13	13-0290		<b>Mechanical Joint Ductile Iron Caps</b> (33 11 13 13-0002)		
33 11 13	13-0291	EA	4" Mechanical Joint Ductile Iron Caps.....	138.24	54.67
			<i>For Cement Mortar Lining (CML), Add</i>	5.54	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.16	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	4.16	
33 11 13	13-0292	EA	6" Mechanical Joint Ductile Iron Caps.....	202.05	68.33
			<i>For Cement Mortar Lining (CML), Add</i>	9.85	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	7.39	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	7.39	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0293	EA		8" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	282.51 16.42 12.31 12.31	78.11
33 11 13 13-0294	EA		10" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	387.08 20.73 15.55 15.55	118.67
33 11 13 13-0295	EA		12" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	506.04 30.99 23.24 23.24	129.46
33 11 13 13-0296	EA		14" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	685.72 47.00 35.25 35.25	142.41
33 11 13 13-0297	EA		16" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	869.78 63.00 47.25 47.25	158.21
33 11 13 13-0298	EA		18" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,039.30 76.96 57.72 57.72	178.00
33 11 13 13-0299	EA		20" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,303.58 99.53 74.65 74.65	203.41
33 11 13 13-0300	EA		24" Mechanical Joint Ductile Iron Caps ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,726.40 136.68 102.51 102.51	237.34
<b>33 11 13 13-0301</b>			<b>Mechanical Joint Ductile Iron Plug</b> <small>(33 11 13 13-0002)</small>		
33 11 13 13-0302	EA		4" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	150.55 6.77 5.08 5.08	54.67
33 11 13 13-0303	EA		6" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	234.88 13.13 9.85 9.85	68.33
33 11 13 13-0304	EA		8" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	315.35 19.70 14.78 14.78	78.11
33 11 13 13-0305	EA		10" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	520.47 34.07 25.55 25.55	118.67
33 11 13 13-0306	EA		12" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	542.98 34.68 26.01 26.01	129.46
33 11 13 13-0307	EA		14" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	921.73 70.60 52.95 52.95	142.41
33 11 13 13-0308	EA		16" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	330.04 9.03 6.77 6.77	158.21

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0309 EA 18" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,390.23 112.05 84.04	178.00
33 11 13 13-0310 EA 20" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,781.75 147.35 110.51	203.41
33 11 13 13-0311 EA 24" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,403.64 204.40 153.30	237.34
<b>33 11 13 13-0312 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 11 13 13-0002)</b>		
33 11 13 13-0313 EA 4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	267.90 14.37 10.77 10.77	82.00
33 11 13 13-0314 EA 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	354.38 19.91 14.93 14.93	102.50
33 11 13 13-0315 EA 8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	479.18 30.17 22.63 22.63	117.13
33 11 13 13-0316 EA 10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	795.08 52.54 39.40 39.40	178.00
33 11 13 13-0317 EA 12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	967.36 67.31 50.48 50.48	194.19
33 11 13 13-0318 EA 14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,392.86 106.92 80.19 80.19	213.60
33 11 13 13-0319 EA 16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,580.69 122.11 91.58 91.58	237.34
33 11 13 13-0320 EA 18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,272.10 186.75 140.07 140.07	267.01
33 11 13 13-0321 EA 20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,686.99 222.46 166.85 166.85	305.15
33 11 13 13-0322 EA 24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,279.14 273.97 205.48 205.48	356.01

**33 11 13 13-0323 Mechanical Joint Ductile Iron Long Sleeves (33 11 13 13-0002)**





	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	33
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0324 EA 4" Mechanical Joint Ductile Iron Long Sleeves.....	257.64	82.00
For Cement Mortar Lining (CML), Add	13.34	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.01	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	10.01	
33 11 13 13-0325 EA 6" Mechanical Joint Ductile Iron Long Sleeves.....	379.00	102.50
For Cement Mortar Lining (CML), Add	22.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.78	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	16.78	
33 11 13 13-0326 EA 8" Mechanical Joint Ductile Iron Long Sleeves.....	544.85	117.13
For Cement Mortar Lining (CML), Add	36.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.55	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	27.55	
33 11 13 13-0327 EA 10" Mechanical Joint Ductile Iron Long Sleeves.....	706.84	178.00
For Cement Mortar Lining (CML), Add	43.71	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.78	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	32.78	
33 11 13 13-0328 EA 12" Mechanical Joint Ductile Iron Long Sleeves.....	885.28	194.19
For Cement Mortar Lining (CML), Add	59.11	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.33	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	44.33	
33 11 13 13-0329 EA 14" Mechanical Joint Ductile Iron Long Sleeves.....	1,216.36	213.60
For Cement Mortar Lining (CML), Add	89.27	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	66.95	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	66.95	
33 11 13 13-0330 EA 16" Mechanical Joint Ductile Iron Long Sleeves.....	1,490.39	237.34
For Cement Mortar Lining (CML), Add	113.08	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	84.81	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	84.81	
33 11 13 13-0331 EA 18" Mechanical Joint Ductile Iron Long Sleeves.....	1,851.39	267.01
For Cement Mortar Lining (CML), Add	144.68	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	108.51	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	108.51	
33 11 13 13-0332 EA 20" Mechanical Joint Ductile Iron Long Sleeves.....	2,208.82	305.15
For Cement Mortar Lining (CML), Add	174.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	130.98	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	130.98	
33 11 13 13-0333 EA 24" Mechanical Joint Ductile Iron Long Sleeves.....	2,839.96	356.01
For Cement Mortar Lining (CML), Add	230.06	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	172.54	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	172.54	
<b>33 11 13 13-0334 Mechanical Joint Ductile Iron Gland Packs</b> (33 11 13 13-0002)		
Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
<b>33 11 13 13-0335 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts</b> (33 11 13 13-0334)		
Note: Labor installation is included with pipe fittings or valves.		
33 11 13 13-0336 EA 4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	21.97	
Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0337 EA 6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	26.55	
Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0338 EA 8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	31.12	
Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0339 EA 10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	43.03	
Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0340 EA 12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	45.77	
Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0341 EA 14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	75.07	
Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0342 EA 16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	79.64	
Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0343 EA 18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	106.19	
Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 11 13 13-0344 EA 20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts.....	137.32	
Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.		

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0345 EA 24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts..... Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	191.33	
<b>33 11 13 13-0346 Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts</b> <small>(33 11 13 13-0334)</small> Note: Labor installation is included with pipe fittings or valves.		
33 11 13 13-0347 EA 4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	31.12	
33 11 13 13-0348 EA 6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	39.36	
33 11 13 13-0349 EA 8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	43.03	
33 11 13 13-0350 EA 10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	59.50	
33 11 13 13-0351 EA 12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	62.25	
33 11 13 13-0352 EA 14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	94.29	
33 11 13 13-0353 EA 16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	103.44	
33 11 13 13-0354 EA 18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	137.32	
33 11 13 13-0355 EA 20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	177.60	
33 11 13 13-0356 EA 24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts..... Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	248.08	
<b>33 11 13 13-0357 Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts</b> <small>(33 11 13 13-0334)</small> Note: Labor installation is included with pipe fittings or valves.		
33 11 13 13-0358 EA 4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	23.80	
33 11 13 13-0359 EA 6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	28.38	
33 11 13 13-0360 EA 8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	33.87	
33 11 13 13-0361 EA 10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	46.69	
33 11 13 13-0362 EA 12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	49.43	
33 11 13 13-0363 EA 14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	81.47	
33 11 13 13-0364 EA 16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	86.05	
33 11 13 13-0365 EA 18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	116.26	
33 11 13 13-0366 EA 20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	149.22	
33 11 13 13-0367 EA 24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts ..... Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	208.72	
<b>33 11 13 13-0368 Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)</b> <small>(33 11 13 13-0002)</small> Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 11 13 13-0369 EA 4" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	213.35 14.96 11.22 11.22	42.07
33 11 13 13-0370 EA 6" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	265.00 18.61 13.96 13.96	52.07
33 11 13 13-0371 EA 8" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	344.63 25.26 18.95 18.95	60.77
33 11 13 13-0372 EA 10" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	495.78 36.09 27.07 27.07	89.01



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0373 EA 12" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	637.97 48.39 36.29 36.29	101.74
33 11 13 13-0374 EA 14" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	772.66 60.67 45.50 45.50	109.50
33 11 13 13-0375 EA 16" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,006.55 82.68 62.01 62.01	118.67
33 11 13 13-0376 EA 18" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,324.50 110.87 83.16 83.16	142.41
33 11 13 13-0377 EA 20" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,596.36 135.67 101.75 101.75	158.15
33 11 13 13-0378 EA 24" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,149.54 187.30 140.48 140.48	182.48
<b>33 11 13 13-0379 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping</b> <small>(33 11 13 13-0001)</small> Note: .		
<b>33 11 13 13-0380 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0381 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	560.03	24.28
33 11 13 13-0382 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	873.05	35.58
33 11 13 13-0383 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,207.48	42.35
33 11 13 13-0384 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,680.70	47.47
33 11 13 13-0385 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	2,140.48	55.56
33 11 13 13-0386 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	3,078.35	62.57
33 11 13 13-0387 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	3,744.45	71.20
33 11 13 13-0388 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	4,495.61	99.79
33 11 13 13-0389 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	5,602.60	124.60
33 11 13 13-0390 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	7,943.24	166.14
<b>33 11 13 13-0391 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0392 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	521.04	24.28
33 11 13 13-0393 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	805.33	35.58
33 11 13 13-0394 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,102.81	42.35
33 11 13 13-0395 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,459.05	47.47
33 11 13 13-0396 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,941.42	55.56
33 11 13 13-0397 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	2,651.48	62.57
33 11 13 13-0398 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	3,182.14	71.20
33 11 13 13-0399 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	3,730.13	99.79
33 11 13 13-0400 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	4,521.07	124.60
33 11 13 13-0401 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	5,954.62	166.14
<b>33 11 13 13-0402 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0403 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	514.88	24.28
33 11 13 13-0404 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	780.70	35.58
33 11 13 13-0405 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,094.60	42.35
33 11 13 13-0406 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,457.00	47.47
33 11 13 13-0407 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,822.39	55.56
33 11 13 13-0408 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,667.90	62.57
33 11 13 13-0409 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	3,108.25	71.20
33 11 13 13-0410 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	3,711.66	99.79
33 11 13 13-0411 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	4,691.40	124.60
33 11 13 13-0412 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	5,819.17	166.14

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0413 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	9,950.13	178.00
33 11 13 13-0414 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	13,707.78	185.02
33 11 13 13-0415 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	19,725.52	213.60
33 11 13 13-0416 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	25,357.01	227.09
<b>33 11 13 13-0417 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0418 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	627.76	24.28
33 11 13 13-0419 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	788.91	35.58
33 11 13 13-0420 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,057.66	42.35
33 11 13 13-0421 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,452.90	47.47
33 11 13 13-0422 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,766.98	55.56
33 11 13 13-0423 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	2,883.38	62.57
33 11 13 13-0424 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	3,208.81	71.20
33 11 13 13-0425 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	4,294.49	99.79
33 11 13 13-0426 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	4,514.91	124.60
33 11 13 13-0427 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	5,821.22	166.14
<b>33 11 13 13-0428 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0429 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	607.23	24.28
33 11 13 13-0430 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	951.04	35.58
33 11 13 13-0431 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	1,305.99	42.35
33 11 13 13-0432 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	1,824.35	47.47
33 11 13 13-0433 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	2,298.51	55.56
33 11 13 13-0434 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	4,213.24	62.57
33 11 13 13-0435 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	6,631.95	71.20
33 11 13 13-0436 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	7,539.08	99.79
33 11 13 13-0437 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	8,668.65	124.60
33 11 13 13-0438 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	9,305.92	166.14
<b>33 11 13 13-0439 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0440 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	529.25	24.28
33 11 13 13-0441 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	838.17	35.58
33 11 13 13-0442 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	1,203.37	42.35
33 11 13 13-0443 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	1,617.09	47.47
33 11 13 13-0444 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	2,117.91	55.56
33 11 13 13-0445 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	2,848.50	62.57
33 11 13 13-0446 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	3,430.46	71.20
33 11 13 13-0447 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,492.43	99.79
33 11 13 13-0448 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,768.27	124.60
33 11 13 13-0449 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,970.46	166.14
<b>33 11 13 13-0450 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0451 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	649.36	35.58
33 11 13 13-0452 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,021.34	46.87
33 11 13 13-0453 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,070.85	52.53
33 11 13 13-0454 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,260.45	54.21
33 11 13 13-0455 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,361.27	59.87
33 11 13 13-0456 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,502.37	63.81
33 11 13 13-0457 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,724.82	58.79
33 11 13 13-0458 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,710.33	64.19
33 11 13 13-0459 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,857.34	67.96
33 11 13 13-0460 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,008.25	71.20
33 11 13 13-0461 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,086.54	65.81



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0462 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,094.63	71.20
33 11 13 13-0463 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,270.35	74.98
33 11 13 13-0464 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,634.72	78.21
33 11 13 13-0465 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,633.95	81.99
33 11 13 13-0466 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,005.20	83.07
33 11 13 13-0467 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,258.92	86.84
33 11 13 13-0468 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,988.57	90.08
33 11 13 13-0469 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,213.55	93.86
33 11 13 13-0470 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,875.67	99.79
33 11 13 13-0471 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,594.64	99.79
33 11 13 13-0472 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,793.00	103.03
33 11 13 13-0473 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,588.32	106.80
33 11 13 13-0474 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,281.77	110.04
33 11 13 13-0475 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,647.24	115.97
33 11 13 13-0476 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,066.68	124.60
33 11 13 13-0477 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,726.68	127.84
33 11 13 13-0478 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,992.71	131.07
33 11 13 13-0479 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,332.44	134.31
33 11 13 13-0480 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,645.67	138.09
33 11 13 13-0481 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,796.21	144.03
33 11 13 13-0482 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,196.63	152.11
33 11 13 13-0483 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,925.78	166.14
33 11 13 13-0484 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,354.41	182.86
33 11 13 13-0485 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,443.95	186.63
33 11 13 13-0486 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,015.58	189.87
33 11 13 13-0487 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,324.70	193.65
33 11 13 13-0488 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,378.79	199.58
33 11 13 13-0489 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,274.36	207.68
33 11 13 13-0490 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,117.88	221.70
33 11 13 13-0491 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,788.94	249.21
33 11 13 13-0492 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,464.17	237.88
33 11 13 13-0493 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,522.92	242.20
33 11 13 13-0494 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,643.06	244.89
33 11 13 13-0495 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,824.94	248.66
33 11 13 13-0496 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,825.10	254.60
33 11 13 13-0497 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,168.08	262.70
33 11 13 13-0498 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,155.25	276.72
33 11 13 13-0499 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,443.47	304.77
33 11 13 13-0500 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	9,695.16	332.27

**33 11 13 13-0501**

**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals)** (33 11 13 13-0379)

33 11 13 13-0502 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	838.17	35.58
33 11 13 13-0503 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	1,025.44	46.87
33 11 13 13-0504 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	1,265.81	52.53
33 11 13 13-0505 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	1,697.57	54.21
33 11 13 13-0506 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	1,541.86	59.87
33 11 13 13-0507 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	1,742.49	63.81
33 11 13 13-0508 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	2,543.66	58.79
33 11 13 13-0509 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	2,642.05	64.19
33 11 13 13-0510 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	2,965.54	67.96
33 11 13 13-0511 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	3,243.70	71.20
33 11 13 13-0512 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	3,118.81	65.81
33 11 13 13-0513 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	3,545.56	71.20
33 11 13 13-0514 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	4,219.98	74.98
33 11 13 13-0515 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	4,214.94	78.21
33 11 13 13-0516 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	3,865.29	81.99
33 11 13 13-0517 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	4,630.58	83.07
33 11 13 13-0518 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	5,346.05	86.84
33 11 13 13-0519 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,105.93	90.08
33 11 13 13-0520 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,628.48	93.86
33 11 13 13-0521 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,411.67	99.79
33 11 13 13-0522 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	4,787.04	99.79
33 11 13 13-0523 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	5,305.50	103.03
33 11 13 13-0524 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	6,338.88	106.80
33 11 13 13-0525 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	6,539.24	110.04
33 11 13 13-0526 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,153.03	115.97
33 11 13 13-0527 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,673.03	124.60
33 11 13 13-0528 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	6,819.96	127.84
33 11 13 13-0529 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,373.31	131.07
33 11 13 13-0530 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,908.00	134.31
33 11 13 13-0531 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,488.03	138.09
33 11 13 13-0532 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,562.63	144.03
33 11 13 13-0533 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,642.90	152.11
33 11 13 13-0534 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,758.99	166.14
33 11 13 13-0535 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	7,944.34	182.86
33 11 13 13-0536 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,120.07	186.63
33 11 13 13-0537 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	8,987.23	189.87
33 11 13 13-0538 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	9,846.35	193.65
33 11 13 13-0539 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	9,927.12	199.58

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0540 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	10,017.65	207.68
33 11 13 13-0541 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	11,692.89	221.70
33 11 13 13-0542 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	10,897.52	249.21
33 11 13 13-0543 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	9,585.63	237.88
33 11 13 13-0544 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	9,708.00	241.65
33 11 13 13-0545 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	10,919.92	244.89
33 11 13 13-0546 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	11,465.05	248.66
33 11 13 13-0547 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	13,384.62	254.60
33 11 13 13-0548 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	14,963.05	262.70
33 11 13 13-0549 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	16,820.92	276.72
33 11 13 13-0550 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	18,480.04	304.77
33 11 13 13-0551 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral) .....	16,114.57	332.27
<b>33 11 13 13-0552 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0553 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,146.78	52.53
33 11 13 13-0554 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,439.25	59.87
33 11 13 13-0555 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,120.78	64.19
33 11 13 13-0556 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,447.61	71.20
33 11 13 13-0557 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,265.84	83.07
33 11 13 13-0558 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,982.56	99.79
33 11 13 13-0559 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	4,675.37	127.84
33 11 13 13-0560 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	6,255.35	182.86
33 11 13 13-0561 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	7,265.75	237.88
<b>33 11 13 13-0562 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0563 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,005.64	44.61
33 11 13 13-0564 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,237.56	59.87
33 11 13 13-0565 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,344.29	74.55
33 11 13 13-0566 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,309.67	65.51
33 11 13 13-0567 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,535.41	80.19
33 11 13 13-0568 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,502.86	85.84
33 11 13 13-0569 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,561.39	69.04
33 11 13 13-0570 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	1,734.83	83.07
33 11 13 13-0571 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,087.70	88.46
33 11 13 13-0572 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,263.83	94.93
33 11 13 13-0573 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,042.39	74.98
33 11 13 13-0574 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,357.43	89.01
33 11 13 13-0575 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,564.59	94.40
33 11 13 13-0576 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	3,015.72	100.87
33 11 13 13-0577 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	3,465.93	106.80
33 11 13 13-0578 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	3,616.62	97.64
33 11 13 13-0579 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	4,322.48	103.03
33 11 13 13-0580 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	4,416.52	110.04
33 11 13 13-0581 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	4,661.50	115.43
33 11 13 13-0582 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	5,175.73	124.60
33 11 13 13-0583 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	4,045.93	110.58
33 11 13 13-0584 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	4,657.39	115.43
33 11 13 13-0585 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	5,662.62	122.44
33 11 13 13-0586 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	6,354.99	128.38
33 11 13 13-0587 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	7,770.15	137.01
33 11 13 13-0588 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	8,092.75	149.42
33 11 13 13-0589 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	7,146.58	130.54
33 11 13 13-0590 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	7,567.19	135.93
33 11 13 13-0591 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	7,921.86	142.41
33 11 13 13-0592 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	8,622.45	148.34
33 11 13 13-0593 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	10,146.36	156.97
33 11 13 13-0594 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	10,787.06	169.37
33 11 13 13-0595 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	11,230.07	189.87
33 11 13 13-0596 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	8,986.50	163.98
33 11 13 13-0597 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	9,411.20	168.83
33 11 13 13-0598 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	9,694.05	175.85
33 11 13 13-0599 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	10,388.48	181.78
33 11 13 13-0600 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	10,541.50	190.41
33 11 13 13-0601 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	12,899.92	202.82
33 11 13 13-0602 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	13,342.93	222.77
33 11 13 13-0603 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	14,357.85	256.22
33 11 13 13-0604 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	12,352.86	204.97
33 11 13 13-0605 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	12,638.18	210.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0606 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,128.13	216.84
33 11 13 13-0607 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,549.61	222.77
33 11 13 13-0608 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,768.31	231.40
33 11 13 13-0609 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	14,271.50	243.82
33 11 13 13-0610 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	19,188.40	264.31
33 11 13 13-0611 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	20,131.48	297.22
33 11 13 13-0612 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	22,122.83	338.21
<b>33 11 13 13-0613 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0614 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	709.54	29.37
33 11 13 13-0615 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	945.09	33.32
33 11 13 13-0616 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	971.98	38.97
33 11 13 13-0617 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,171.69	35.06
33 11 13 13-0618 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,216.72	40.46
33 11 13 13-0619 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,261.11	44.23
33 11 13 13-0620 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,359.73	38.84
33 11 13 13-0621 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,501.23	44.23
33 11 13 13-0622 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,518.93	47.47
33 11 13 13-0623 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,583.65	51.25
33 11 13 13-0624 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,396.71	50.16
33 11 13 13-0625 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,402.11	53.40
33 11 13 13-0626 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,064.60	57.18
33 11 13 13-0627 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,100.78	60.41
33 11 13 13-0628 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,877.18	58.26
33 11 13 13-0629 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,777.91	62.03
33 11 13 13-0630 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,590.21	65.27
33 11 13 13-0631 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,548.42	68.51
33 11 13 13-0632 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,889.80	74.44
33 11 13 13-0633 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,096.62	75.52
33 11 13 13-0634 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,508.18	79.29
33 11 13 13-0635 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,332.97	82.53
33 11 13 13-0636 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,010.93	88.46
33 11 13 13-0637 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,463.22	97.09
33 11 13 13-0638 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,117.48	103.56
33 11 13 13-0639 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,143.23	106.80
33 11 13 13-0640 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,729.96	110.58
33 11 13 13-0641 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,712.20	116.52
33 11 13 13-0642 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,593.42	124.60
33 11 13 13-0643 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,273.31	138.63
33 11 13 13-0644 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,167.29	138.09
33 11 13 13-0645 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,233.68	144.03
33 11 13 13-0646 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,311.92	152.11
33 11 13 13-0647 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,189.38	166.14
33 11 13 13-0648 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,980.40	193.65

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0649			<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0650	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	427.61	54.79
33 11 13 13-0651	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	653.54	68.33
33 11 13 13-0652	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	908.44	77.93
33 11 13 13-0653	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,175.14	118.67
33 11 13 13-0654	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,530.11	129.46
33 11 13 13-0655	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,750.84	142.41
33 11 13 13-0656	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,166.79	158.05
33 11 13 13-0657	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,555.91	178.00
33 11 13 13-0658	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	3,109.55	203.36
33 11 13 13-0659	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	4,043.38	237.34
33 11 13 13-0660			<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0661	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	448.13	54.79
33 11 13 13-0662	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	706.90	68.33
33 11 13 13-0663	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	961.80	77.93
33 11 13 13-0664	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,480.92	118.67
33 11 13 13-0665	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,599.88	129.46
33 11 13 13-0666	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,196.17	142.41
33 11 13 13-0667	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,681.91	158.05
33 11 13 13-0668	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,214.67	178.00
33 11 13 13-0669	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	4,000.22	203.36
33 11 13 13-0670	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	5,311.67	237.34
33 11 13 13-0671			<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0672	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	639.35	81.89
33 11 13 13-0673	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	904.38	102.78
33 11 13 13-0674	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,230.30	116.90
33 11 13 13-0675	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,804.79	178.00
33 11 13 13-0676	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,198.71	194.19
33 11 13 13-0677	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,971.03	213.60
33 11 13 13-0678	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,384.61	237.34
33 11 13 13-0679	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	4,545.98	267.01
33 11 13 13-0680	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	5,283.07	305.30
33 11 13 13-0681	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	6,427.28	356.01
33 11 13 13-0682			<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves</b> <small>(33 11 13 13-0379)</small>		
33 11 13 13-0683	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	608.57	81.89
33 11 13 13-0684	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	939.27	102.78
33 11 13 13-0685	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,324.70	116.90
33 11 13 13-0686	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,673.44	178.00
33 11 13 13-0687	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,075.57	194.19
33 11 13 13-0688	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,708.34	213.60
33 11 13 13-0689	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	3,245.06	237.34
33 11 13 13-0690	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	3,913.89	267.01
33 11 13 13-0691	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	4,570.94	305.30
33 11 13 13-0692	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	5,774.66	356.01
33 11 13 13-0693			<b>Push-On Joint Ductile Iron Piping</b> <small>(33 11 13 13-0001)</small>		
33 11 13 13-0694			<b>Push-On Joint Ductile Iron Pipe</b> <small>(33 11 13 13-0693)</small>		
			Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.		





<b>Utilities</b>	<b>33</b>	<b>33</b>
Water Utilities	33 10	
Water Utility Distribution Piping	33 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0695	LF	4" Push-On Joint Ductile Iron Pipe.....	18.30	4.66
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	7.87	
			For Cement Mortar Lining (CML), Add	1.12	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	0.84	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-0.92	
			For Class 51, Add	1.06	
			For Class 52, Add	2.37	
			For Class 53, Add	6.29	
			For Class 54, Add	8.97	
			For Class 55, Add	10.32	
			For Class 56, Add	11.64	
33 11 13	13-0696	LF	6" Push-On Joint Ductile Iron Pipe.....	21.96	5.14
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	9.95	
			For Cement Mortar Lining (CML), Add	1.42	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.07	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-1.10	
			For Class 51, Add	1.32	
			For Class 52, Add	2.97	
			For Class 53, Add	7.91	
			For Class 54, Add	11.29	
			For Class 55, Add	12.98	
			For Class 56, Add	14.64	
33 11 13	13-0697	LF	8" Push-On Joint Ductile Iron Pipe.....	28.61	5.64
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	14.10	
			For Cement Mortar Lining (CML), Add	2.01	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.51	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-1.43	
			For Class 51, Add	1.84	
			For Class 52, Add	4.14	
			For Class 53, Add	11.11	
			For Class 54, Add	15.86	
			For Class 55, Add	18.22	
			For Class 56, Add	20.54	
33 11 13	13-0698	LF	10" Push-On Joint Ductile Iron Pipe.....	38.70	8.04
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	15.94	
			For Cement Mortar Lining (CML), Add	2.66	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.99	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-1.94	
			For Class 51, Add	2.44	
			For Class 52, Add	5.49	
			For Class 53, Add	14.69	
			For Class 54, Add	20.96	
			For Class 55, Add	24.09	
			For Class 56, Add	27.17	
33 11 13	13-0699	LF	12" Push-On Joint Ductile Iron Pipe.....	47.33	8.90
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	16.92	
			For Cement Mortar Lining (CML), Add	3.38	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.54	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-2.37	
			For Class 51, Add	3.09	
			For Class 52, Add	6.94	
			For Class 53, Add	18.64	
			For Class 54, Add	26.61	
			For Class 55, Add	30.57	
			For Class 56, Add	34.46	
33 11 13	13-0700	LF	14" Push-On Joint Ductile Iron Pipe.....	57.54	10.03
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	18.65	
			For Cement Mortar Lining (CML), Add	4.24	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.18	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-2.88	
			For Class 51, Add	3.85	
			For Class 52, Add	8.65	
			For Class 53, Add	23.28	
			For Class 54, Add	33.25	
			For Class 55, Add	38.19	
			For Class 56, Add	43.04	

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0701 LF 16" Push-On Joint Ductile Iron Pipe.....	67.16	11.44
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	20.43	
For Cement Mortar Lining (CML), Add	4.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.74	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-3.36	
For Class 51, Add	4.52	
For Class 52, Add	10.16	
For Class 53, Add	27.36	
For Class 54, Add	39.06	
For Class 55, Add	44.87	
For Class 56, Add	50.57	
33 11 13 13-0702 LF 18" Push-On Joint Ductile Iron Pipe.....	77.50	13.38
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	23.48	
For Cement Mortar Lining (CML), Add	5.73	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.30	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-3.88	
For Class 51, Add	5.20	
For Class 52, Add	11.68	
For Class 53, Add	31.45	
For Class 54, Add	44.90	
For Class 55, Add	51.58	
For Class 56, Add	58.13	
33 11 13 13-0703 LF 20" Push-On Joint Ductile Iron Pipe.....	89.60	16.03
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	24.83	
For Cement Mortar Lining (CML), Add	6.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.90	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-4.48	
For Class 51, Add	5.94	
For Class 52, Add	13.35	
For Class 53, Add	35.92	
For Class 54, Add	51.28	
For Class 55, Add	58.91	
For Class 56, Add	66.40	
33 11 13 13-0704 LF 24" Push-On Joint Ductile Iron Pipe.....	112.69	20.01
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	25.52	
For Cement Mortar Lining (CML), Add	8.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.17	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-5.63	
For Class 51, Add	7.48	
For Class 52, Add	16.82	
For Class 53, Add	45.26	
For Class 54, Add	64.62	
For Class 55, Add	74.22	
For Class 56, Add	83.66	
<b>33 11 13 13-0705 Push-On Joint Ductile Iron 90 Degree Elbow</b> (33 11 13 13-0693)		
33 11 13 13-0706 EA 4" 90 Degree Elbow, Push-On Joint Ductile Iron .....	136.74	18.18
For Cement Mortar Lining (CML), Add	10.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.19	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	8.19	
33 11 13 13-0707 EA 6" 90 Degree Elbow, Push-On Joint Ductile Iron .....	198.05	26.83
For Cement Mortar Lining (CML), Add	15.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.80	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	11.80	
33 11 13 13-0708 EA 8" 90 Degree Elbow, Push-On Joint Ductile Iron .....	266.61	31.85
For Cement Mortar Lining (CML), Add	21.83	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.37	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	16.37	
33 11 13 13-0709 EA 10" 90 Degree Elbow, Push-On Joint Ductile Iron .....	403.46	35.49
For Cement Mortar Lining (CML), Add	33.01	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.75	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	24.75	
33 11 13 13-0710 EA 12" 90 Degree Elbow, Push-On Joint Ductile Iron .....	522.72	41.64
For Cement Mortar Lining (CML), Add	43.67	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.75	
Note: ANSI/AWWA C151/A21.51		
For Protective Fusion-Bonded Epoxy Coated, C116, Add	32.75	



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0711	EA		14" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,054.23 95.77 71.82 71.82	46.72
33 11 13 13-0712	EA		16" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,191.48 108.12 81.09 81.09	53.40
33 11 13 13-0713	EA		18" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,860.61 170.61 127.96 127.96	74.76
33 11 13 13-0714	EA		20" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,088.92 190.05 142.54 142.54	94.24
33 11 13 13-0715	EA		24" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,608.27 237.27 177.95 177.95	117.81
<b>33 11 13 13-0716</b>			<b>Push-On Joint Ductile Iron 45 Degree Elbow</b> (33 11 13 13-0693)		
33 11 13 13-0717	EA		4" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	111.92 8.44 6.33	18.18
33 11 13 13-0718	EA		6" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	164.67 12.40 9.30	26.83
33 11 13 13-0719	EA		8" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	230.69 18.24 13.68	31.85
33 11 13 13-0720	EA		10" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	353.87 28.05 21.03	35.49
33 11 13 13-0721	EA		12" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	459.53 37.35 28.01	41.64
33 11 13 13-0722	EA		14" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	659.66 56.31 42.23	46.72
33 11 13 13-0723	EA		16" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	984.87 87.45 65.59	53.40
33 11 13 13-0724	EA		18" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,125.61 97.11 72.84	74.76
33 11 13 13-0725	EA		20" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,585.69 139.72 104.79	94.24
33 11 13 13-0726	EA		24" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,967.32 173.18 129.88	117.81
<b>33 11 13 13-0727</b>			<b>Push-On Joint Ductile Iron Tee</b> (33 11 13 13-0693)		

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0728	EA	4" Tee, Push-On Joint Ductile Iron.....	209.49	26.83
			For Cement Mortar Lining (CML), Add	16.88	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.66	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	12.66	
33 11 13	13-0729	EA	6" Tee, Push-On Joint Ductile Iron.....	290.76	39.42
			For Cement Mortar Lining (CML), Add	23.10	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.33	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	17.33	
33 11 13	13-0730	EA	8" Tee, Push-On Joint Ductile Iron.....	399.96	47.77
			For Cement Mortar Lining (CML), Add	32.75	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.56	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	24.56	
33 11 13	13-0731	EA	10" Tee, Push-On Joint Ductile Iron.....	596.26	53.94
			For Cement Mortar Lining (CML), Add	51.54	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.65	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	38.65	
33 11 13	13-0732	EA	12" Tee, Push-On Joint Ductile Iron.....	744.30	62.19
			For Cement Mortar Lining (CML), Add	64.99	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	48.74	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	48.74	
33 11 13	13-0733	EA	14" Tee, Push-On Joint Ductile Iron.....	1,209.55	74.76
			For Cement Mortar Lining (CML), Add	109.63	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	82.22	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	82.22	
33 11 13	13-0734	EA	16" Tee, Push-On Joint Ductile Iron.....	1,754.49	93.48
			For Cement Mortar Lining (CML), Add	161.29	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.97	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	120.97	
33 11 13	13-0735	EA	18" Tee, Push-On Joint Ductile Iron.....	2,202.15	124.71
			For Cement Mortar Lining (CML), Add	201.32	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.99	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	150.99	
33 11 13	13-0736	EA	20" Tee, Push-On Joint Ductile Iron.....	2,592.83	152.17
			For Cement Mortar Lining (CML), Add	236.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	177.17	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	177.17	
33 11 13	13-0737	EA	24" Tee, Push-On Joint Ductile Iron.....	3,399.85	190.19
			For Cement Mortar Lining (CML), Add	311.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	233.38	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	233.38	
33 11 13	13-0738		<b>Flanged End x Push-On Joint Ductile Iron Adapters</b> (33 11 13 13-0693)		
33 11 13	13-0739	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron.....	358.35	63.09
			For Cement Mortar Lining (CML), Add	26.28	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.71	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	19.71	
33 11 13	13-0740	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron.....	436.85	78.11
			For Cement Mortar Lining (CML), Add	31.85	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.89	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	23.89	
33 11 13	13-0741	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron.....	595.92	91.10
			For Cement Mortar Lining (CML), Add	45.79	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.34	
			Note: ANSI/AWWA C151/A21.51		
			For Protective Fusion-Bonded Epoxy Coated, C116, Add	34.34	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
Water Utilities	33 10	
Water Utility Distribution Piping	33 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0742 EA 10" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	799.51 59.72 44.79 44.79	133.51
33 11 13 13-0743 EA 12" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	987.67 75.65 56.74 56.74	152.60
33 11 13 13-0744 EA 14" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,164.71 91.58 68.68 68.68	164.30
33 11 13 13-0745 EA 16" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,424.35 115.46 86.60 86.60	178.00
33 11 13 13-0746 EA 18" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,677.35 135.37 101.53 101.53	213.60
33 11 13 13-0747 EA 20" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	1,972.12 161.25 120.94 120.94	237.34
33 11 13 13-0748 EA 24" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i> <i>For Protective Fusion-Bonded Epoxy Coated, C116, Add</i>	2,525.12 211.02 158.27 158.27	273.85
<b>33 11 13 13-0749 Push-On Joint Ductile Iron Pipe And Fitting Restraints</b> <small>(33 11 13 13-0693)</small> <i>Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.</i>		
33 11 13 13-0750 EA 4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	26.87	6.84
33 11 13 13-0751 EA 6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	30.46	6.84
33 11 13 13-0752 EA 8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	40.38	9.71
33 11 13 13-0753 EA 10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	49.32	10.68
33 11 13 13-0754 EA 12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	59.31	11.87
33 11 13 13-0755 EA 14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	76.14	13.32
33 11 13 13-0756 EA 16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	90.21	15.27
33 11 13 13-0757 EA 18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	104.11	17.80
33 11 13 13-0758 EA 20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	121.04	21.36
33 11 13 13-0759 EA 24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	146.38	21.36
<b>33 11 13 13-0760 Push-On Joint Ductile Iron Bell Restraint Harness (Megalug 1700)</b> <small>(33 11 13 13-0693)</small>		
33 11 13 13-0761 EA 4" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	127.56	36.41
33 11 13 13-0762 EA 6" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	169.63	44.44
33 11 13 13-0763 EA 8" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	219.45	54.21
33 11 13 13-0764 EA 10" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	335.95	66.13
33 11 13 13-0765 EA 12" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	417.13	80.64
33 11 13 13-0766 EA 14" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	732.89	98.39
33 11 13 13-0767 EA 16" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	834.07	120.07
33 11 13 13-0768 EA 18" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	943.34	146.45
33 11 13 13-0769 EA 20" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	1,289.36	178.71
33 11 13 13-0770 EA 24" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	1,647.82	217.97
<b>33 11 13 13-0771 Ductile Iron Pipe Repair</b> <small>(33 11 13 13-0001)</small> <i>See CSI section 33 11 13 13-0002 for mechanical joint fittings.</i>		
<b>33 11 13 13-0772 WEKO Seals</b> <small>(33 11 13 13-0771)</small> <i>Note: Internal joint seal.</i>		
33 11 13 13-0773 EA 16" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,220.96 78.25	108.95
33 11 13 13-0774 EA 18" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,301.14 78.72	115.05
33 11 13 13-0775 EA 20" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,381.21 79.18	121.14
33 11 13 13-0776 EA 24" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,462.43 79.91	130.83

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST
**33 11 13 23 Plastic Public Water Utility Distribution Piping (33 11 13)**

33 11 13 23-0001	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping (33 11 13 23)		
33 11 13 23-0002	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe (33 11 13 23-0001)		
33 11 13 23-0003	LF 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	1.25	0.44
	For >1,000, Deduct	-0.06	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.02	
33 11 13 23-0004	LF 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	1.38	0.47
	For >1,000, Deduct	-0.07	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.03	
33 11 13 23-0005	LF 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	1.59	0.52
	For >1,000, Deduct	-0.08	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.05	
33 11 13 23-0006	LF 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	1.84	0.57
	For >1,000, Deduct	-0.09	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.06	
33 11 13 23-0007	LF 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	2.37	0.63
	For >1,000, Deduct	-0.12	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.12	
33 11 13 23-0008	LF 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	3.04	0.72
	For >1,000, Deduct	-0.15	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.19	
33 11 13 23-0009	LF 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	3.62	0.77
	For >1,000, Deduct	-0.18	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.25	
33 11 13 23-0010	LF 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.15	0.95
	For >1,000, Deduct	-0.26	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.42	
33 11 13 23-0011	LF 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	9.06	1.22
	For >1,000, Deduct	-0.45	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.90	
33 11 13 23-0012	LF 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	14.75	1.82
	For >1,000, Deduct	-0.74	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.53	
33 11 13 23-0013	LF 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	21.95	2.43
	For >1,000, Deduct	-1.10	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.38	
33 11 13 23-0014	LF 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe.....	30.54	3.26
	For >1,000, Deduct	-1.53	
	For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	3.36	
33 11 13 23-0015	90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 11 13 23-0001)		
33 11 13 23-0016	EA 3/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	13.29	5.25
33 11 13 23-0017	EA 1" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	16.80	6.56
33 11 13 23-0018	EA 1-1/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	21.16	8.21
33 11 13 23-0019	EA 1-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	31.50	9.08
33 11 13 23-0020	EA 2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	34.12	10.17
33 11 13 23-0021	EA 2-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	40.34	11.54
33 11 13 23-0022	EA 3" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	43.88	12.41
33 11 13 23-0023	EA 4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	60.91	15.24
33 11 13 23-0024	EA 6" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	87.74	19.35
33 11 13 23-0025	EA 8" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	142.14	25.41
33 11 13 23-0026	EA 10" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	174.77	33.99
33 11 13 23-0027	EA 12" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	231.02	45.75
33 11 13 23-0028	45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 11 13 23-0001)		
33 11 13 23-0029	EA 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	13.52	5.25
33 11 13 23-0030	EA 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	16.97	6.56
33 11 13 23-0031	EA 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	21.26	8.21
33 11 13 23-0032	EA 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	28.42	9.08
33 11 13 23-0033	EA 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	34.41	10.17
33 11 13 23-0034	EA 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	41.51	11.54
33 11 13 23-0035	EA 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	43.39	12.41
33 11 13 23-0036	EA 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	59.85	15.24
33 11 13 23-0037	EA 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	85.60	19.35
33 11 13 23-0038	EA 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	138.05	25.41
33 11 13 23-0039	EA 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	157.84	33.99
33 11 13 23-0040	EA 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	207.59	45.75
33 11 13 23-0041	Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 11 13 23-0001)		
33 11 13 23-0042	EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	19.93	7.87
33 11 13 23-0043	EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	25.14	9.90
33 11 13 23-0044	EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	31.52	12.36
33 11 13 23-0045	EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	43.45	13.67
33 11 13 23-0046	EA 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	49.43	15.21
33 11 13 23-0047	EA 2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	57.50	17.33
33 11 13 23-0048	EA 3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	67.13	18.56



<b>Utilities</b>	<b>33</b>	<b>CS</b>
Water Utilities	33 10	
Water Utility Distribution Piping	33 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0049 EA 4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	88.22	22.87
33 11 13 23-0050 EA 6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	146.41	29.08
33 11 13 23-0051 EA 8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	219.51	38.11
33 11 13 23-0052 EA 10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	270.75	58.17
33 11 13 23-0053 EA 12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	339.59	78.28
<b>33 11 13 23-0054 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 11 13 23-0001)</b>		
33 11 13 23-0055 EA 3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	8.90	3.50
33 11 13 23-0056 EA 1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	12.01	4.70
33 11 13 23-0057 EA 1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	16.03	6.18
33 11 13 23-0058 EA 1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	22.22	6.84
33 11 13 23-0059 EA 2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	24.50	7.60
33 11 13 23-0060 EA 2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	27.87	8.65
33 11 13 23-0061 EA 3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	30.98	9.28
33 11 13 23-0062 EA 4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	42.57	11.42
33 11 13 23-0063 EA 6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	60.89	14.54
33 11 13 23-0064 EA 8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	103.60	19.05
33 11 13 23-0065 EA 10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	128.74	29.11
33 11 13 23-0066 EA 12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	164.44	39.14
<b>33 11 13 23-0067 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings (33 11 13 23)</b>		
<b>33 11 13 23-0068 Schedule 40 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0067)</b>		
33 11 13 23-0069 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	1.37	0.44
For >1,000, Deduct	-0.07	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.04	
33 11 13 23-0070 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	1.60	0.47
For >1,000, Deduct	-0.08	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.06	
33 11 13 23-0071 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	2.05	0.57
For >1,000, Deduct	-0.10	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.09	
33 11 13 23-0072 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	2.45	0.63
For >1,000, Deduct	-0.12	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.13	
33 11 13 23-0073 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.17	0.72
For >1,000, Deduct	-0.16	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.21	
33 11 13 23-0074 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.70	0.77
For >1,000, Deduct	-0.19	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.27	
33 11 13 23-0075 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	4.93	0.95
For >1,000, Deduct	-0.25	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.38	
33 11 13 23-0076 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	7.48	1.22
For >1,000, Deduct	-0.37	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.67	
<b>33 11 13 23-0077 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0067)</b>		
33 11 13 23-0078 EA 3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	13.37	5.25
33 11 13 23-0079 EA 1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	16.85	6.56
33 11 13 23-0080 EA 1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	23.44	9.08
33 11 13 23-0081 EA 2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	26.46	10.17
33 11 13 23-0082 EA 2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	31.73	11.54
33 11 13 23-0083 EA 3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	34.46	12.41
33 11 13 23-0084 EA 4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	45.15	15.24
33 11 13 23-0085 EA 6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	70.86	19.35
<b>33 11 13 23-0086 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0067)</b>		
33 11 13 23-0087 EA 3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	13.35	5.25
33 11 13 23-0088 EA 1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	16.83	6.56
33 11 13 23-0089 EA 1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	23.44	9.08
33 11 13 23-0090 EA 2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	26.38	10.17
33 11 13 23-0091 EA 2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	31.51	11.54
33 11 13 23-0092 EA 3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	34.21	12.41
33 11 13 23-0093 EA 4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	44.63	15.24
33 11 13 23-0094 EA 6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	69.20	19.35
<b>33 11 13 23-0095 Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0067)</b>		
33 11 13 23-0096 EA 3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	20.02	7.87
33 11 13 23-0097 EA 1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	25.21	9.90
33 11 13 23-0098 EA 1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	35.04	13.67
33 11 13 23-0099 EA 2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	39.40	15.21
33 11 13 23-0100 EA 2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	47.73	17.33
33 11 13 23-0101 EA 3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	52.75	18.56
33 11 13 23-0102 EA 4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	65.60	22.87
33 11 13 23-0103 EA 6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	107.88	29.08

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 11 13 23-0104 Couplings, Schedule 40 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0067)		
33 11 13 23-0105 EA 3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC) .....	8.94	3.50
33 11 13 23-0106 EA 1" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	12.05	4.70
33 11 13 23-0107 EA 1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC) .....	17.47	6.84
33 11 13 23-0108 EA 2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	19.69	7.60
33 11 13 23-0109 EA 2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC) .....	23.09	8.65
33 11 13 23-0110 EA 3" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	25.45	9.28
33 11 13 23-0111 EA 4" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	31.54	11.42
33 11 13 23-0112 EA 6" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	46.56	14.54
<b>33 11 13 23-0113 Crosses, Schedule 40 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0067)		
33 11 13 23-0114 EA 3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	26.77	10.50
33 11 13 23-0115 EA 1" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	33.58	13.18
33 11 13 23-0116 EA 1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	46.71	18.21
33 11 13 23-0117 EA 2" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	52.53	20.29
33 11 13 23-0118 EA 2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	63.61	23.08
33 11 13 23-0119 EA 3" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	70.28	24.76
33 11 13 23-0120 EA 4" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	87.42	30.47
33 11 13 23-0121 EA 6" Cross, Schedule 40 Polyvinyl Chloride (PVC) .....	143.64	38.76
<b>33 11 13 23-0122 Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings</b> (33 11 13 23)		
<b>33 11 13 23-0123 Schedule 80 Polyvinyl Chloride (PVC) Pipe</b> (33 11 13 23-0122)		
33 11 13 23-0124 LF 1" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	1.73	0.47
For >1,000, Deduct	-0.09	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.08	
33 11 13 23-0125 LF 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	2.31	0.57
For >1,000, Deduct	-0.12	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.13	
33 11 13 23-0126 LF 2" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	2.89	0.63
For >1,000, Deduct	-0.14	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.20	
33 11 13 23-0127 LF 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	3.73	0.72
For >1,000, Deduct	-0.19	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.29	
33 11 13 23-0128 LF 3" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	4.50	0.77
For >1,000, Deduct	-0.23	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.39	
33 11 13 23-0129 LF 4" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	6.15	0.95
For >1,000, Deduct	-0.31	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.57	
33 11 13 23-0130 LF 6" Schedule 80 Polyvinyl Chloride (PVC) Pipe .....	10.20	1.22
For >1,000, Deduct	-0.51	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.08	
<b>33 11 13 23-0131 90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0122)		
33 11 13 23-0132 EA 1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) .....	17.52	6.56
33 11 13 23-0133 EA 1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) .....	23.44	9.08
33 11 13 23-0134 EA 2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) .....	27.14	10.17
33 11 13 23-0135 EA 2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC) .....	33.17	11.54
33 11 13 23-0136 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	35.80	12.41
33 11 13 23-0137 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	45.47	15.24
33 11 13 23-0138 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	69.34	19.35
<b>33 11 13 23-0139 45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0122)		
33 11 13 23-0140 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	20.29	6.56
33 11 13 23-0141 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	26.10	9.08
33 11 13 23-0142 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	29.70	10.17
33 11 13 23-0143 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	37.98	11.54
33 11 13 23-0144 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	42.06	12.41
33 11 13 23-0145 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	58.06	15.24
33 11 13 23-0146 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow .....	68.50	19.35
<b>33 11 13 23-0147 Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0122)		
33 11 13 23-0148 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	26.63	9.90
33 11 13 23-0149 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	39.35	13.67
33 11 13 23-0150 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	44.53	15.21
33 11 13 23-0151 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	50.44	17.33
33 11 13 23-0152 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	55.34	18.56
33 11 13 23-0153 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	67.47	22.87
33 11 13 23-0154 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	107.81	29.08
<b>33 11 13 23-0155 Couplings, Schedule 80 Polyvinyl Chloride (PVC)</b> (33 11 13 23-0122)		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0156 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	13.06	4.70
33 11 13 23-0157 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	19.21	6.84
33 11 13 23-0158 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	21.33	7.60
33 11 13 23-0159 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	27.30	8.65
33 11 13 23-0160 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	29.68	9.28
33 11 13 23-0161 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	36.69	11.42
33 11 13 23-0162 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	53.75	14.54
<b>33 11 13 23-0163 Crosses, Schedule 80 Polyvinyl Chloride (PVC) (33 11 13 23-0122)</b>		
33 11 13 23-0164 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	35.46	13.18
33 11 13 23-0165 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	52.42	18.21
33 11 13 23-0166 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	59.34	20.29
33 11 13 23-0167 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	67.22	23.08
33 11 13 23-0168 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	73.73	24.76
33 11 13 23-0169 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	89.91	30.47
33 11 13 23-0170 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	143.55	38.76
<b>33 11 13 23-0171 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe (33 11 13 23)</b>		
Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
<b>33 11 13 23-0172 AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0173 LF 4" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe .....	5.54	1.77
33 11 13 23-0174 LF 6" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe .....	8.37	2.14
33 11 13 23-0175 LF 8" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe .....	11.86	2.41
33 11 13 23-0176 LF 10" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe .....	15.98	2.67
33 11 13 23-0177 LF 12" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe .....	21.05	3.00
<b>33 11 13 23-0178 AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0179 LF 4" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe .....	6.25	1.77
33 11 13 23-0180 LF 6" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe .....	9.86	2.14
33 11 13 23-0181 LF 8" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe .....	14.37	2.41
33 11 13 23-0182 LF 10" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe .....	19.88	2.67
33 11 13 23-0183 LF 12" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe .....	26.50	3.00
<b>33 11 13 23-0184 AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0185 LF 4" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe .....	6.96	1.77
33 11 13 23-0186 LF 6" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe .....	11.34	2.14
33 11 13 23-0187 LF 8" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe .....	16.88	2.41
33 11 13 23-0188 LF 10" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe .....	23.70	2.67
33 11 13 23-0189 LF 12" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe .....	31.94	3.00
<b>33 11 13 23-0190 AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0191 LF 18" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	25.73	4.49
33 11 13 23-0192 LF 20" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	31.36	5.35
33 11 13 23-0193 LF 24" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	42.01	6.42
33 11 13 23-0194 LF 30" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	60.58	7.49
33 11 13 23-0195 LF 36" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	83.51	8.56
33 11 13 23-0196 LF 42" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	105.69	9.10
33 11 13 23-0197 LF 48" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe .....	133.73	9.79
<b>33 11 13 23-0198 AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0199 LF 14" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	19.00	3.37
33 11 13 23-0200 LF 16" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	23.80	3.74
33 11 13 23-0201 LF 18" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	29.50	4.49
33 11 13 23-0202 LF 20" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	36.26	5.35
33 11 13 23-0203 LF 24" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	49.57	6.42
33 11 13 23-0204 LF 30" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	71.43	7.49
33 11 13 23-0205 LF 36" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	98.02	8.56
33 11 13 23-0206 LF 42" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	129.83	9.10
33 11 13 23-0207 LF 48" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe .....	165.06	9.79
<b>33 11 13 23-0208 AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe (33 11 13 23-0171)</b>		
33 11 13 23-0209 LF 14" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	21.91	3.37
33 11 13 23-0210 LF 16" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	27.83	3.74
33 11 13 23-0211 LF 18" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	34.51	4.49
33 11 13 23-0212 LF 20" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	42.76	5.35
33 11 13 23-0213 LF 24" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	58.90	6.42
33 11 13 23-0214 LF 30" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	85.44	7.49
33 11 13 23-0215 LF 36" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	118.48	8.56
33 11 13 23-0216 LF 42" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	154.07	9.10
33 11 13 23-0217 LF 48" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe .....	196.69	9.79

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 11 13 23-0218 AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 11 13 23-0171)</small>		
33 11 13 23-0219 LF 14" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	26.87	3.37
33 11 13 23-0220 LF 16" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	33.73	3.74
33 11 13 23-0221 LF 18" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	42.10	4.49
33 11 13 23-0222 LF 20" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	51.93	5.35
33 11 13 23-0223 LF 24" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	72.12	6.42
33 11 13 23-0224 LF 30" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	106.19	7.49
33 11 13 23-0225 LF 36" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	150.39	8.56
33 11 13 23-0226 LF 42" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	200.86	9.10
33 11 13 23-0227 LF 48" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe .....	259.47	9.79
<b>33 11 13 23-0228 AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 11 13 23-0171)</small>		
33 11 13 23-0229 LF 14" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	30.60	3.37
33 11 13 23-0230 LF 16" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	38.58	3.74
33 11 13 23-0231 LF 18" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	48.22	4.49
33 11 13 23-0232 LF 20" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	59.56	5.35
33 11 13 23-0233 LF 24" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	83.09	6.42
33 11 13 23-0234 LF 30" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	123.06	7.49
33 11 13 23-0235 LF 36" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	175.04	8.56
33 11 13 23-0236 LF 42" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe .....	234.65	9.10
<b>33 11 13 23-0237 AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 11 13 23-0171)</small>		
33 11 13 23-0238 LF 14" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	34.24	3.37
33 11 13 23-0239 LF 16" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	43.31	3.74
33 11 13 23-0240 LF 18" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	54.18	4.49
33 11 13 23-0241 LF 20" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	66.98	5.35
33 11 13 23-0242 LF 24" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	93.76	6.42
33 11 13 23-0243 LF 30" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	139.48	7.49
33 11 13 23-0244 LF 36" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe .....	199.03	8.56
<b>33 11 13 23-0245 AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) Fittings</b> <small>(33 11 13 23)</small>		
Note: Includes rubber gaskets.		
<b>33 11 13 23-0246 90 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0247 EA 4" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	132.66	6.56
For DR 25, Deduct .....	-7.17	
33 11 13 23-0248 EA 6" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	275.68	7.39
For DR 25, Deduct .....	-15.65	
33 11 13 23-0249 EA 8" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	416.05	8.21
For DR 25, Deduct .....	-23.98	
33 11 13 23-0250 EA 10" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	636.15	13.59
For DR 25, Deduct .....	-36.54	
33 11 13 23-0251 EA 12" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	709.62	22.66
For DR 25, Deduct .....	-39.86	
33 11 13 23-0252 EA 14" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	1,242.27	28.32
For DR 25, Deduct .....	-71.14	
33 11 13 23-0253 EA 16" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	1,482.37	33.99
For DR 25, Deduct .....	-84.86	
33 11 13 23-0254 EA 18" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	2,551.08	45.31
For DR 25, Deduct .....	-147.63	
33 11 13 23-0255 EA 20" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	3,139.99	56.64
For DR 25, Deduct .....	-181.60	
33 11 13 23-0256 EA 24" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	5,222.30	76.47
For DR 25, Deduct .....	-304.16	
<b>33 11 13 23-0257 45 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0258 EA 4" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	117.05	6.56
For DR 25, Deduct .....	-6.24	
33 11 13 23-0259 EA 6" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	204.91	7.39
For DR 25, Deduct .....	-11.41	
33 11 13 23-0260 EA 8" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	260.44	8.21
For DR 25, Deduct .....	-14.64	
33 11 13 23-0261 EA 10" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	368.52	13.59
For DR 25, Deduct .....	-20.48	
33 11 13 23-0262 EA 12" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	490.17	22.66
For DR 25, Deduct .....	-26.69	
33 11 13 23-0263 EA 14" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	950.97	28.32
For DR 25, Deduct .....	-53.66	
33 11 13 23-0264 EA 16" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	1,206.41	33.99
For DR 25, Deduct .....	-68.31	
33 11 13 23-0265 EA 18" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	2,089.69	45.31
For DR 25, Deduct .....	-119.94	
33 11 13 23-0266 EA 20" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	2,595.29	56.64
For DR 25, Deduct .....	-148.92	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0267 EA 24" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,664.43 -210.69	76.47
<b>33 11 13 23-0268 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0269 EA 4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	115.15 -6.12	6.56
33 11 13 23-0270 EA 6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	204.91 -11.41	7.39
33 11 13 23-0271 EA 8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	260.44 -14.64	8.21
33 11 13 23-0272 EA 10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	368.53 -20.48	13.59
33 11 13 23-0273 EA 12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	490.17 -26.69	22.66
33 11 13 23-0274 EA 14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	948.68 -53.66	27.19
33 11 13 23-0275 EA 16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,206.40 -68.31	33.99
33 11 13 23-0276 EA 18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,089.69 -119.94	45.31
33 11 13 23-0277 EA 20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,595.29 -148.92	56.64
33 11 13 23-0278 EA 24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,664.43 -210.69	76.47
<b>33 11 13 23-0279 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0280 EA 4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	101.17 -5.28	6.56
33 11 13 23-0281 EA 6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	204.91 -11.41	7.39
33 11 13 23-0282 EA 8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	260.44 -14.64	8.21
33 11 13 23-0283 EA 10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	368.53 -20.48	13.59
33 11 13 23-0284 EA 12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	490.17 -26.69	22.66
33 11 13 23-0285 EA 14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	948.68 -53.66	27.19
33 11 13 23-0286 EA 16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,206.40 -68.31	33.99
33 11 13 23-0287 EA 18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,089.69 -119.94	45.31
33 11 13 23-0288 EA 20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,595.29 -148.92	56.64
33 11 13 23-0289 EA 24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,664.43 -210.69	76.47
<b>33 11 13 23-0290 Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0291 EA 4" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	157.94 -8.59	7.39
33 11 13 23-0292 EA 6" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	309.11 -17.56	8.21
33 11 13 23-0293 EA 8" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	432.79 -24.85	9.30
33 11 13 23-0294 EA 10" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	895.68 -51.70	16.99
33 11 13 23-0295 EA 12" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,085.79 -61.07	33.99
33 11 13 23-0296 EA 14" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,971.58 -113.20	42.48
33 11 13 23-0297 EA 16" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,442.90 -140.46	50.97
33 11 13 23-0298 EA 18" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,080.32 -176.66	67.97
33 11 13 23-0299 EA 20" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,697.21 -211.64	84.96
33 11 13 23-0300 EA 24" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,105.48 -299.40	57.77
<b>33 11 13 23-0301 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0302 EA 6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	306.11 -17.09	10.66
33 11 13 23-0303 EA 8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	418.40 -23.73	11.49

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0304	EA		8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) .....	428.79	11.89
			<i>For DR 25, Deduct</i> .....	-24.30	
33 11 13 23-0305	EA		10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,336.24	16.99
			<i>For DR 25, Deduct</i> .....	-258.14	
33 11 13 23-0306	EA		10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	757.86	17.42
			<i>For DR 25, Deduct</i> .....	-43.38	
33 11 13 23-0307	EA		10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	811.18	17.84
			<i>For DR 25, Deduct</i> .....	-46.53	
33 11 13 23-0308	EA		12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	855.99	26.06
			<i>For DR 25, Deduct</i> .....	-48.23	
33 11 13 23-0309	EA		12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	984.52	26.48
			<i>For DR 25, Deduct</i> .....	-55.89	
33 11 13 23-0310	EA		12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,045.14	26.90
			<i>For DR 25, Deduct</i> .....	-59.48	
33 11 13 23-0311	EA		12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,063.68	29.46
			<i>For DR 25, Deduct</i> .....	-60.29	
33 11 13 23-0312	EA		14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,623.35	30.59
			<i>For DR 25, Deduct</i> .....	-93.73	
33 11 13 23-0313	EA		14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,689.09	31.01
			<i>For DR 25, Deduct</i> .....	-97.62	
33 11 13 23-0314	EA		14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,755.01	31.43
			<i>For DR 25, Deduct</i> .....	-101.53	
33 11 13 23-0315	EA		14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,824.79	33.99
			<i>For DR 25, Deduct</i> .....	-105.41	
33 11 13 23-0316	EA		14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,898.78	38.52
			<i>For DR 25, Deduct</i> .....	-109.31	
33 11 13 23-0317	EA		16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,026.32	37.38
			<i>For DR 25, Deduct</i> .....	-117.09	
33 11 13 23-0318	EA		16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,091.20	37.38
			<i>For DR 25, Deduct</i> .....	-120.99	
33 11 13 23-0319	EA		16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,156.95	37.81
			<i>For DR 25, Deduct</i> .....	-124.88	
33 11 13 23-0320	EA		16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,222.71	38.23
			<i>For DR 25, Deduct</i> .....	-128.77	
33 11 13 23-0321	EA		16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,301.74	45.31
			<i>For DR 25, Deduct</i> .....	-132.67	
33 11 13 23-0322	EA		16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,371.17	47.58
			<i>For DR 25, Deduct</i> .....	-136.56	
33 11 13 23-0323	EA		18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,502.78	48.71
			<i>For DR 25, Deduct</i> .....	-144.32	
33 11 13 23-0324	EA		18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,568.99	49.14
			<i>For DR 25, Deduct</i> .....	-148.24	
33 11 13 23-0325	EA		18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,634.75	49.56
			<i>For DR 25, Deduct</i> .....	-152.14	
33 11 13 23-0326	EA		18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,704.73	52.11
			<i>For DR 25, Deduct</i> .....	-156.03	
33 11 13 23-0327	EA		18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,778.66	56.64
			<i>For DR 25, Deduct</i> .....	-159.92	
33 11 13 23-0328	EA		18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,847.65	58.91
			<i>For DR 25, Deduct</i> .....	-163.79	
33 11 13 23-0329	EA		18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,935.03	62.31
			<i>For DR 25, Deduct</i> .....	-168.63	
33 11 13 23-0330	EA		20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,175.29	60.04
			<i>For DR 25, Deduct</i> .....	-183.31	
33 11 13 23-0331	EA		20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,286.95	60.47
			<i>For DR 25, Deduct</i> .....	-189.96	
33 11 13 23-0332	EA		20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,330.76	60.89
			<i>For DR 25, Deduct</i> .....	-192.54	
33 11 13 23-0333	EA		20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,378.87	63.44
			<i>For DR 25, Deduct</i> .....	-195.12	
33 11 13 23-0334	EA		20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,430.91	67.97
			<i>For DR 25, Deduct</i> .....	-197.70	
33 11 13 23-0335	EA		20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,505.12	70.24
			<i>For DR 25, Deduct</i> .....	-201.88	
33 11 13 23-0336	EA		20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,581.61	73.63
			<i>For DR 25, Deduct</i> .....	-206.06	
33 11 13 23-0337	EA		20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,639.40	79.30
			<i>For DR 25, Deduct</i> .....	-208.85	
33 11 13 23-0338	EA		24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,733.48	79.86
			<i>For DR 25, Deduct</i> .....	-214.43	
33 11 13 23-0339	EA		24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,780.83	80.29
			<i>For DR 25, Deduct</i> .....	-217.22	
33 11 13 23-0340	EA		24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,828.16	80.72
			<i>For DR 25, Deduct</i> .....	-220.00	
33 11 13 23-0341	EA		24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,022.28	83.26
			<i>For DR 25, Deduct</i> .....	-231.35	
33 11 13 23-0342	EA		24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,220.35	87.79
			<i>For DR 25, Deduct</i> .....	-242.69	
33 11 13 23-0343	EA		24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,413.92	90.06
			<i>For DR 25, Deduct</i> .....	-254.03	
33 11 13 23-0344	EA		24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,609.75	93.45
			<i>For DR 25, Deduct</i> .....	-265.37	
33 11 13 23-0345	EA		24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,810.10	99.13
			<i>For DR 25, Deduct</i> .....	-276.71	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0346 EA 24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	5,010.46 -288.05	104.79
<b>33 11 13 23-0347 Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) (33 11 13 23-0245)</b>		
33 11 13 23-0348 EA 4" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	217.16 -11.45	13.12
33 11 13 23-0349 EA 6" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	395.91 -21.98	14.77
33 11 13 23-0350 EA 8" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	550.82 -31.08	16.41
33 11 13 23-0351 EA 10" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,131.04 -64.60	27.19
33 11 13 23-0352 EA 12" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,340.50 -76.35	33.99
33 11 13 23-0353 EA 14" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,449.02 -141.50	45.31
33 11 13 23-0354 EA 16" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,039.02 -175.55	56.64
33 11 13 23-0355 EA 18" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,862.29 -220.86	90.62
33 11 13 23-0356 EA 20" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	4,635.75 -264.55	113.28
33 11 13 23-0357 EA 24" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	6,542.89 -374.22	152.93
<b>33 11 13 23-0358 Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) (33 11 13 23-0245)</b>		
33 11 13 23-0359 EA 6" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	384.15 -21.38	13.95
33 11 13 23-0360 EA 8" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	524.43 -29.69	14.77
33 11 13 23-0361 EA 8" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	537.54 -30.38	15.58
33 11 13 23-0362 EA 10" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	810.40 -46.18	20.40
33 11 13 23-0363 EA 10" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	946.38 -54.23	21.24
33 11 13 23-0364 EA 10" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,040.33 -59.77	22.09
33 11 13 23-0365 EA 12" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,064.09 -60.31	29.46
33 11 13 23-0366 EA 12" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,225.01 -69.86	30.30
33 11 13 23-0367 EA 12" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,301.43 -74.35	31.15
33 11 13 23-0368 EA 12" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	1,328.36 -75.35	36.25
33 11 13 23-0369 EA 14" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,020.67 -117.16	33.99
33 11 13 23-0370 EA 14" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,103.25 -122.01	34.83
33 11 13 23-0371 EA 14" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,186.73 -126.92	35.68
33 11 13 23-0372 EA 14" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,278.35 -131.81	40.78
33 11 13 23-0373 EA 14" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,377.29 -136.66	49.84
33 11 13 23-0374 EA 16" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,520.61 -146.34	40.78
33 11 13 23-0375 EA 16" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,604.28 -151.26	41.64
33 11 13 23-0376 EA 16" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,687.06 -156.13	42.48
33 11 13 23-0377 EA 16" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,778.61 -161.01	47.58
33 11 13 23-0378 EA 16" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,819.78 -162.39	56.64
33 11 13 23-0379 EA 16" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	2,967.61 -170.72	61.18
33 11 13 23-0380 EA 18" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,111.33 -180.43	52.11
33 11 13 23-0381 EA 18" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,194.80 -185.33	52.96
33 11 13 23-0382 EA 18" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,277.71 -190.21	53.81
33 11 13 23-0383 EA 18" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,368.04 -195.01	58.91
33 11 13 23-0384 EA 18" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,467.94 -199.92	67.97
33 11 13 23-0385 EA 18" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) ..... <i>For DR 25, Deduct</i>	3,557.83 -204.77	72.50

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0386	EA		18" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,672.00	79.30
			<i>For DR 25, Deduct</i>	-210.80	
33 11 13 23-0387	EA		20" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,946.27	63.44
			<i>For DR 25, Deduct</i>	-229.16	
33 11 13 23-0388	EA		20" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,086.25	64.29
			<i>For DR 25, Deduct</i>	-237.46	
33 11 13 23-0389	EA		20" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,142.05	65.14
			<i>For DR 25, Deduct</i>	-240.71	
33 11 13 23-0390	EA		20" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,205.78	70.24
			<i>For DR 25, Deduct</i>	-243.92	
33 11 13 23-0391	EA		20" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,277.43	79.30
			<i>For DR 25, Deduct</i>	-247.13	
33 11 13 23-0392	EA		20" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,372.98	83.83
			<i>For DR 25, Deduct</i>	-252.32	
33 11 13 23-0393	EA		20" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,474.81	90.62
			<i>For DR 25, Deduct</i>	-257.61	
33 11 13 23-0394	EA		20" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,555.39	101.96
			<i>For DR 25, Deduct</i>	-261.09	
33 11 13 23-0395	EA		24" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,607.92	83.26
			<i>For DR 25, Deduct</i>	-266.48	
33 11 13 23-0396	EA		24" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,693.81	84.12
			<i>For DR 25, Deduct</i>	-271.54	
33 11 13 23-0397	EA		24" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	4,753.86	84.96
			<i>For DR 25, Deduct</i>	-275.04	
33 11 13 23-0398	EA		24" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	5,000.07	90.06
			<i>For DR 25, Deduct</i>	-289.20	
33 11 13 23-0399	EA		24" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	5,254.28	99.13
			<i>For DR 25, Deduct</i>	-303.36	
33 11 13 23-0400	EA		24" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	5,499.39	103.66
			<i>For DR 25, Deduct</i>	-317.53	
33 11 13 23-0401	EA		24" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	5,750.05	110.45
			<i>For DR 25, Deduct</i>	-331.75	
33 11 13 23-0402	EA		24" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	6,008.24	121.78
			<i>For DR 25, Deduct</i>	-345.88	
33 11 13 23-0403	EA		24" x 20" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	6,267.45	133.10
			<i>For DR 25, Deduct</i>	-360.07	
<b>33 11 13 23-0404</b>			<b>Couplings, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0405	EA		4" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	77.49	6.56
			<i>For DR 25, Deduct</i>	-3.86	
33 11 13 23-0406	EA		6" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	147.64	7.39
			<i>For DR 25, Deduct</i>	-7.97	
33 11 13 23-0407	EA		8" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	178.16	8.21
			<i>For DR 25, Deduct</i>	-9.71	
33 11 13 23-0408	EA		10" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	253.45	13.59
			<i>For DR 25, Deduct</i>	-13.58	
33 11 13 23-0409	EA		12" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	405.76	16.99
			<i>For DR 25, Deduct</i>	-22.31	
33 11 13 23-0410	EA		14" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	707.79	22.66
			<i>For DR 25, Deduct</i>	-39.75	
33 11 13 23-0411	EA		16" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	837.63	28.32
			<i>For DR 25, Deduct</i>	-46.86	
33 11 13 23-0412	EA		18" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,017.89	45.31
			<i>For DR 25, Deduct</i>	-115.64	
33 11 13 23-0413	EA		20" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,258.92	56.64
			<i>For DR 25, Deduct</i>	-128.74	
33 11 13 23-0414	EA		24" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,182.46	76.47
			<i>For DR 25, Deduct</i>	-181.77	
<b>33 11 13 23-0415</b>			<b>Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)</b> <small>(33 11 13 23-0245)</small>		
33 11 13 23-0416	EA		4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	97.10	6.56
			<i>For DR 25, Deduct</i>	-5.04	
33 11 13 23-0417	EA		6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	132.93	7.39
			<i>For DR 25, Deduct</i>	-7.09	
33 11 13 23-0418	EA		8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	194.92	8.21
			<i>For DR 25, Deduct</i>	-10.71	
33 11 13 23-0419	EA		10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	266.52	13.59
			<i>For DR 25, Deduct</i>	-14.36	
33 11 13 23-0420	EA		12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	426.61	22.66
			<i>For DR 25, Deduct</i>	-22.88	
33 11 13 23-0421	EA		14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,150.83	27.19
			<i>For DR 25, Deduct</i>	-65.79	
33 11 13 23-0422	EA		16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,559.42	33.99
			<i>For DR 25, Deduct</i>	-89.49	
33 11 13 23-0423	EA		18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,919.49	45.31
			<i>For DR 25, Deduct</i>	-109.73	
33 11 13 23-0424	EA		20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,291.87	56.64
			<i>For DR 25, Deduct</i>	-130.72	
33 11 13 23-0425	EA		24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,113.71	76.47
			<i>For DR 25, Deduct</i>	-177.65	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 11 13 23-0426</b> AWWA C906, High Density Polyethylene (HDPE) Pressure Piping <small>(33 11 13 23)</small> Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
<b>33 11 13 23-0427</b> High Density Polyethylene (HDPE) Pressure Pipe <small>(33 11 13 23-0426)</small>		
33 11 13 23-0428 LF 3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 3.66	3.66	1.39
For DR 19 (89 PSI), Add	0.08	
For DR 17 (100 PSI), Add	0.19	
For DR 15.5 (110 PSI), Add	0.28	
For DR 13.5 (128 PSI), Add	0.44	
For DR 11 (160 PSI), Add	0.70	
33 11 13 23-0429 LF 4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 5.60	5.60	1.77
For DR 26 (65 PSI), Deduct	-0.38	
For DR 19 (89 PSI), Add	0.19	
For DR 17 (100 PSI), Add	0.46	
For DR 15.5 (110 PSI), Add	0.67	
For DR 13.5 (128 PSI), Add	1.05	
For DR 11 (160 PSI), Add	1.69	
33 11 13 23-0430 LF 6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 8.76	8.76	2.14
For DR 26 (65 PSI), Deduct	-0.82	
For DR 19 (89 PSI), Add	0.40	
For DR 17 (100 PSI), Add	1.00	
For DR 15.5 (110 PSI), Add	1.46	
For DR 13.5 (128 PSI), Add	2.28	
For DR 11 (160 PSI), Add	3.66	
33 11 13 23-0431 LF 8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 12.42	12.42	2.41
For DR 26 (65 PSI), Deduct	-1.39	
For DR 19 (89 PSI), Add	0.68	
For DR 17 (100 PSI), Add	1.69	
For DR 15.5 (110 PSI), Add	2.47	
For DR 13.5 (128 PSI), Add	3.86	
For DR 11 (160 PSI), Add	6.21	
33 11 13 23-0432 LF 10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 17.17	17.17	2.67
For DR 26 (65 PSI), Deduct	-2.17	
For DR 19 (89 PSI), Add	1.06	
For DR 17 (100 PSI), Add	2.63	
For DR 15.5 (110 PSI), Add	3.85	
For DR 13.5 (128 PSI), Add	6.00	
For DR 11 (160 PSI), Add	9.66	
33 11 13 23-0433 LF 12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 22.97	22.97	29.96
For DR 26 (65 PSI), Deduct	-3.12	
For DR 19 (89 PSI), Add	1.53	
For DR 17 (100 PSI), Add	3.79	
For DR 15.5 (110 PSI), Add	5.54	
For DR 13.5 (128 PSI), Add	8.65	
For DR 11 (160 PSI), Add	13.93	
33 11 13 23-0434 LF 14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 26.72	26.72	3.37
For DR 26 (65 PSI), Deduct	-3.67	
For DR 19 (89 PSI), Add	1.80	
For DR 17 (100 PSI), Add	4.45	
For DR 15.5 (110 PSI), Add	6.52	
For DR 13.5 (128 PSI), Add	10.17	
For DR 11 (160 PSI), Add	16.37	
33 11 13 23-0435 LF 16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 33.66	33.66	3.74
For DR 26 (65 PSI), Deduct	-4.80	
For DR 19 (89 PSI), Add	2.36	
For DR 17 (100 PSI), Add	5.81	
For DR 15.5 (110 PSI), Add	8.52	
For DR 13.5 (128 PSI), Add	13.29	
For DR 11 (160 PSI), Add	21.39	
33 11 13 23-0436 LF 18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 42.08	42.08	4.49
For DR 26 (65 PSI), Deduct	-6.06	
For DR 19 (89 PSI), Add	2.98	
For DR 17 (100 PSI), Add	7.35	
For DR 15.5 (110 PSI), Add	10.76	
For DR 13.5 (128 PSI), Add	16.80	
For DR 11 (160 PSI), Add	27.03	
33 11 13 23-0437 LF 20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 38.34	38.34	5.35
For DR 26 (65 PSI), Deduct	-5.07	
For DR 19 (89 PSI), Add	2.49	
For DR 17 (100 PSI), Add	6.14	
For DR 15.5 (110 PSI), Add	8.99	
For DR 13.5 (128 PSI), Add	14.04	
For DR 11 (160 PSI), Add	22.60	
33 11 13 23-0438 LF 24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe ..... 71.67	71.67	6.42
For DR 26 (65 PSI), Deduct	-10.79	
For DR 19 (89 PSI), Add	5.30	
For DR 17 (100 PSI), Add	13.07	
For DR 15.5 (110 PSI), Add	19.15	
For DR 13.5 (128 PSI), Add	29.88	
For DR 11 (160 PSI), Add	48.10	
<b>33 11 13 23-0439</b> 90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping <small>(33 11 13 23-0426)</small>		

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11	13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	41.93	8.21
			<i>For DR 26 (65 PSI), Deduct</i>	-3.17	
			<i>For DR 19 (89 PSI), Add</i>	1.56	
			<i>For DR 17 (100 PSI), Add</i>	3.85	
			<i>For DR 15.5 (110 PSI), Add</i>	5.63	
			<i>For DR 13.5 (128 PSI), Add</i>	8.79	
			<i>For DR 11 (160 PSI), Add</i>	14.15	
33 11	13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	47.96	9.13
			<i>For DR 26 (65 PSI), Deduct</i>	-3.78	
			<i>For DR 19 (89 PSI), Add</i>	1.86	
			<i>For DR 17 (100 PSI), Add</i>	4.58	
			<i>For DR 15.5 (110 PSI), Add</i>	6.71	
			<i>For DR 13.5 (128 PSI), Add</i>	10.47	
			<i>For DR 11 (160 PSI), Add</i>	16.86	
33 11	13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	86.09	10.42
			<i>For DR 26 (65 PSI), Deduct</i>	-10.06	
			<i>For DR 19 (89 PSI), Add</i>	4.94	
			<i>For DR 17 (100 PSI), Add</i>	12.19	
			<i>For DR 15.5 (110 PSI), Add</i>	17.85	
			<i>For DR 13.5 (128 PSI), Add</i>	27.86	
			<i>For DR 11 (160 PSI), Add</i>	44.85	
33 11	13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	151.16	12.17
			<i>For DR 26 (65 PSI), Deduct</i>	-21.02	
			<i>For DR 19 (89 PSI), Add</i>	10.32	
			<i>For DR 17 (100 PSI), Add</i>	25.48	
			<i>For DR 15.5 (110 PSI), Add</i>	37.32	
			<i>For DR 13.5 (128 PSI), Add</i>	58.25	
			<i>For DR 11 (160 PSI), Add</i>	93.75	
33 11	13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	240.03	16.25
			<i>For DR 26 (65 PSI), Deduct</i>	-35.08	
			<i>For DR 19 (89 PSI), Add</i>	17.23	
			<i>For DR 17 (100 PSI), Add</i>	42.53	
			<i>For DR 15.5 (110 PSI), Add</i>	62.28	
			<i>For DR 13.5 (128 PSI), Add</i>	97.21	
			<i>For DR 11 (160 PSI), Add</i>	156.47	
33 11	13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	353.19	24.31
			<i>For DR 26 (65 PSI), Deduct</i>	-51.38	
			<i>For DR 19 (89 PSI), Add</i>	25.23	
			<i>For DR 17 (100 PSI), Add</i>	62.28	
			<i>For DR 15.5 (110 PSI), Add</i>	91.20	
			<i>For DR 13.5 (128 PSI), Add</i>	142.35	
			<i>For DR 11 (160 PSI), Add</i>	229.13	
33 11	13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	431.41	32.44
			<i>For DR 26 (65 PSI), Deduct</i>	-61.24	
			<i>For DR 19 (89 PSI), Add</i>	30.07	
			<i>For DR 17 (100 PSI), Add</i>	74.24	
			<i>For DR 15.5 (110 PSI), Add</i>	108.72	
			<i>For DR 13.5 (128 PSI), Add</i>	169.70	
			<i>For DR 11 (160 PSI), Add</i>	273.14	
33 11	13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	545.94	48.63
			<i>For DR 26 (65 PSI), Deduct</i>	-73.34	
			<i>For DR 19 (89 PSI), Add</i>	36.01	
			<i>For DR 17 (100 PSI), Add</i>	88.91	
			<i>For DR 15.5 (110 PSI), Add</i>	130.20	
			<i>For DR 13.5 (128 PSI), Add</i>	203.22	
			<i>For DR 11 (160 PSI), Add</i>	327.10	
33 11	13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	708.60	54.70
			<i>For DR 26 (65 PSI), Deduct</i>	-99.81	
			<i>For DR 19 (89 PSI), Add</i>	49.01	
			<i>For DR 17 (100 PSI), Add</i>	120.99	
			<i>For DR 15.5 (110 PSI), Add</i>	177.18	
			<i>For DR 13.5 (128 PSI), Add</i>	276.55	
			<i>For DR 11 (160 PSI), Add</i>	445.13	
33 11	13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,006.96	62.08
			<i>For DR 26 (65 PSI), Deduct</i>	-150.09	
			<i>For DR 19 (89 PSI), Add</i>	73.69	
			<i>For DR 17 (100 PSI), Add</i>	181.94	
			<i>For DR 15.5 (110 PSI), Add</i>	266.44	
			<i>For DR 13.5 (128 PSI), Add</i>	415.87	
			<i>For DR 11 (160 PSI), Add</i>	669.38	
33 11	13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,311.91	72.97
			<i>For DR 26 (65 PSI), Deduct</i>	-200.37	
			<i>For DR 19 (89 PSI), Add</i>	98.38	
			<i>For DR 17 (100 PSI), Add</i>	242.89	
			<i>For DR 15.5 (110 PSI), Add</i>	355.70	
			<i>For DR 13.5 (128 PSI), Add</i>	555.20	
			<i>For DR 11 (160 PSI), Add</i>	893.63	

33 11 13 23-0451 Tees, High Density Polyethylene (HDPE) Pressure Piping (33 11 13 23-0426)





<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Piping</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11	13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	48.35	8.59
			<i>For DR 26 (65 PSI), Deduct</i>	-4.15	
			<i>For DR 19 (89 PSI), Add</i>	2.04	
			<i>For DR 17 (100 PSI), Add</i>	5.03	
			<i>For DR 15.5 (110 PSI), Add</i>	7.37	
			<i>For DR 13.5 (128 PSI), Add</i>	11.50	
			<i>For DR 11 (160 PSI), Add</i>	18.51	
33 11	13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	55.81	9.73
			<i>For DR 26 (65 PSI), Deduct</i>	-4.88	
			<i>For DR 19 (89 PSI), Add</i>	2.40	
			<i>For DR 17 (100 PSI), Add</i>	5.92	
			<i>For DR 15.5 (110 PSI), Add</i>	8.67	
			<i>For DR 13.5 (128 PSI), Add</i>	13.54	
			<i>For DR 11 (160 PSI), Add</i>	21.79	
33 11	13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	103.30	11.22
			<i>For DR 26 (65 PSI), Deduct</i>	-12.77	
			<i>For DR 19 (89 PSI), Add</i>	6.27	
			<i>For DR 17 (100 PSI), Add</i>	15.48	
			<i>For DR 15.5 (110 PSI), Add</i>	22.67	
			<i>For DR 13.5 (128 PSI), Add</i>	35.38	
			<i>For DR 11 (160 PSI), Add</i>	56.95	
33 11	13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	216.49	13.27
			<i>For DR 26 (65 PSI), Deduct</i>	-32.39	
			<i>For DR 19 (89 PSI), Add</i>	15.90	
			<i>For DR 17 (100 PSI), Add</i>	39.27	
			<i>For DR 15.5 (110 PSI), Add</i>	57.50	
			<i>For DR 13.5 (128 PSI), Add</i>	89.76	
			<i>For DR 11 (160 PSI), Add</i>	144.47	
33 11	13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	291.17	19.47
			<i>For DR 26 (65 PSI), Deduct</i>	-42.68	
			<i>For DR 19 (89 PSI), Add</i>	20.95	
			<i>For DR 17 (100 PSI), Add</i>	51.73	
			<i>For DR 15.5 (110 PSI), Add</i>	75.76	
			<i>For DR 13.5 (128 PSI), Add</i>	118.25	
			<i>For DR 11 (160 PSI), Add</i>	190.33	
33 11	13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	405.43	29.21
			<i>For DR 26 (65 PSI), Deduct</i>	-58.27	
			<i>For DR 19 (89 PSI), Add</i>	28.61	
			<i>For DR 17 (100 PSI), Add</i>	70.64	
			<i>For DR 15.5 (110 PSI), Add</i>	103.44	
			<i>For DR 13.5 (128 PSI), Add</i>	161.46	
			<i>For DR 11 (160 PSI), Add</i>	259.88	
33 11	13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	483.39	36.48
			<i>For DR 26 (65 PSI), Deduct</i>	-68.55	
			<i>For DR 19 (89 PSI), Add</i>	33.66	
			<i>For DR 17 (100 PSI), Add</i>	83.10	
			<i>For DR 15.5 (110 PSI), Add</i>	121.70	
			<i>For DR 13.5 (128 PSI), Add</i>	189.95	
			<i>For DR 11 (160 PSI), Add</i>	305.75	
33 11	13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	608.29	54.70
			<i>For DR 26 (65 PSI), Deduct</i>	-81.41	
			<i>For DR 19 (89 PSI), Add</i>	39.97	
			<i>For DR 17 (100 PSI), Add</i>	98.68	
			<i>For DR 15.5 (110 PSI), Add</i>	144.52	
			<i>For DR 13.5 (128 PSI), Add</i>	225.57	
			<i>For DR 11 (160 PSI), Add</i>	363.07	
33 11	13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	808.23	63.72
			<i>For DR 26 (65 PSI), Deduct</i>	-113.11	
			<i>For DR 19 (89 PSI), Add</i>	55.54	
			<i>For DR 17 (100 PSI), Add</i>	137.12	
			<i>For DR 15.5 (110 PSI), Add</i>	200.80	
			<i>For DR 13.5 (128 PSI), Add</i>	313.43	
			<i>For DR 11 (160 PSI), Add</i>	504.48	
33 11	13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,179.68	75.26
			<i>For DR 26 (65 PSI), Deduct</i>	-174.38	
			<i>For DR 19 (89 PSI), Add</i>	85.62	
			<i>For DR 17 (100 PSI), Add</i>	211.39	
			<i>For DR 15.5 (110 PSI), Add</i>	309.57	
			<i>For DR 13.5 (128 PSI), Add</i>	483.20	
			<i>For DR 11 (160 PSI), Add</i>	777.74	
33 11	13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,559.11	91.23
			<i>For DR 26 (65 PSI), Deduct</i>	-235.65	
			<i>For DR 19 (89 PSI), Add</i>	115.71	
			<i>For DR 17 (100 PSI), Add</i>	285.66	
			<i>For DR 15.5 (110 PSI), Add</i>	418.34	
			<i>For DR 13.5 (128 PSI), Add</i>	652.97	
			<i>For DR 11 (160 PSI), Add</i>	1,050.99	

**33 11 13 26 Galvanized Steel Public Water Utility Distribution Piping** (33 11 13)  
See CSI section 22 11 16 00-0013 for galvanized steel pipe.

**33 11 13 36 Steel Public Water Utility Distribution Piping** (33 11 13)

33 11 13 36-0001 Steel Piping (33 11 13 36)

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 36-0002			<b>Welded, Plain End, Uncoated Steel Piping</b> (33 11 13 36-0001) Note: ASTM A252 steel pipe.		
33 11 13 36-0003			<b>Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping</b> (33 11 13 36-0002)		
33 11 13 36-0004	LF		8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	35.02	14.54
			For >1,000, Deduct	-1.75	
33 11 13 36-0005	LF		8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	39.16	14.54
			For >1,000, Deduct	-1.96	
33 11 13 36-0006	LF		10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	40.29	15.86
			For >1,000, Deduct	-2.01	
33 11 13 36-0007	LF		10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	45.52	15.86
			For >1,000, Deduct	-2.28	
33 11 13 36-0008	LF		12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	46.32	16.63
			For >1,000, Deduct	-2.32	
33 11 13 36-0009	LF		12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	50.38	16.63
			For >1,000, Deduct	-2.52	
33 11 13 36-0010	LF		14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	74.77	18.37
			For >1,000, Deduct	-3.74	
33 11 13 36-0011	LF		14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	57.68	18.37
			For >1,000, Deduct	-2.88	
33 11 13 36-0012	LF		16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	57.67	19.40
			For >1,000, Deduct	-2.88	
33 11 13 36-0013	LF		16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	60.18	19.40
			For >1,000, Deduct	-3.01	
33 11 13 36-0014	LF		18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	69.35	21.81
			For >1,000, Deduct	-3.47	
33 11 13 36-0015	LF		20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	73.47	21.81
			For >1,000, Deduct	-3.67	
33 11 13 36-0016			<b>5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping</b> (33 11 13 36-0002)		
33 11 13 36-0017	LF		12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	61.70	29.37
			For >1,000, Deduct	-3.09	
33 11 13 36-0018	LF		14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	71.64	32.30
			For >1,000, Deduct	-3.58	
33 11 13 36-0019	LF		16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	78.37	33.77
			For >1,000, Deduct	-3.92	
33 11 13 36-0020	LF		18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	88.34	38.18
			For >1,000, Deduct	-4.42	
33 11 13 36-0021	LF		18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	91.13	38.18
			For >1,000, Deduct	-4.56	
33 11 13 36-0022	LF		20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	93.71	38.18
			For >1,000, Deduct	-4.69	
33 11 13 36-0023	LF		20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	96.68	38.18
			For >1,000, Deduct	-4.83	
33 11 13 36-0024	LF		24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	111.65	44.05
			For >1,000, Deduct	-5.58	
33 11 13 36-0025	LF		24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	120.85	44.05
			For >1,000, Deduct	-6.04	
33 11 13 36-0026	LF		24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	143.43	44.05
			For >1,000, Deduct	-7.17	
33 11 13 36-0027	LF		30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	136.53	51.39
			For >1,000, Deduct	-6.83	
33 11 13 36-0028	LF		30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	140.29	51.39
			For >1,000, Deduct	-7.01	
33 11 13 36-0029	LF		30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	175.78	51.39
			For >1,000, Deduct	-8.79	
33 11 13 36-0030	LF		36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	156.04	51.39
			For >1,000, Deduct	-7.80	
33 11 13 36-0031	LF		36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	183.90	61.67
			For >1,000, Deduct	-9.20	
33 11 13 36-0032	LF		36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	211.43	61.67
			For >1,000, Deduct	-10.57	
33 11 13 36-0033	LF		36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	204.55	61.67
			For >1,000, Deduct	-10.23	
33 11 13 36-0034			<b>Flexible Couplings (Dresser Style 38)</b> (33 11 13 36-0001)		
33 11 13 36-0035	EA		2" Dresser Coupling For Plain End Welded Steel Pipe.....	89.36	16.11
33 11 13 36-0036	EA		3" Dresser Coupling For Plain End Welded Steel Pipe.....	122.91	30.98
33 11 13 36-0037	EA		4" Dresser Coupling For Plain End Welded Steel Pipe.....	163.48	40.90
33 11 13 36-0038	EA		6" Dresser Coupling For Plain End Welded Steel Pipe.....	264.89	61.96
33 11 13 36-0039	EA		8" Dresser Coupling For Plain End Welded Steel Pipe.....	350.64	78.07
33 11 13 36-0040	EA		10" Dresser Coupling For Plain End Welded Steel Pipe.....	466.76	80.91
33 11 13 36-0041	EA		12" Dresser Coupling For Plain End Welded Steel Pipe.....	546.54	101.41
33 11 13 36-0042	EA		14" Dresser Coupling For Plain End Welded Steel Pipe.....	589.90	101.41
33 11 13 36-0043	EA		16" Dresser Coupling For Plain End Welded Steel Pipe.....	620.94	115.97
33 11 13 36-0044	EA		18" Dresser Coupling For Plain End Welded Steel Pipe.....	684.25	124.06
33 11 13 36-0045	EA		20" Dresser Coupling For Plain End Welded Steel Pipe.....	747.04	140.24
33 11 13 36-0046	EA		24" Dresser Coupling For Plain End Welded Steel Pipe.....	974.89	148.34
33 11 13 36-0047	EA		30" Dresser Coupling For Plain End Welded Steel Pipe.....	1,192.44	161.82
33 11 13 36-0048	EA		36" Dresser Coupling For Plain End Welded Steel Pipe.....	1,409.77	182.05



<b>Utilities</b>	<b>33</b>	<b>CS</b>
Water Utilities	33 10	
Water Utility Distribution Piping	33 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**33 11 13 39 Copper Public Water Utility Distribution Piping (33 11 13)**

**33 11 13 39-0001 Type K Copper Water Distribution Piping (33 11 13 39)**

33 11 13 39-0002	LF	1/2" Type K Copper Water Distribution Pipe.....	4.17	1.09
33 11 13 39-0003	LF	3/4" Type K Copper Water Distribution Pipe.....	5.65	1.22
33 11 13 39-0004	LF	1" Type K Copper Water Distribution Pipe.....	7.28	1.36
33 11 13 39-0005	LF	1-1/4" Type K Copper Water Distribution Pipe.....	8.65	1.63
33 11 13 39-0006	LF	1-1/2" Type K Copper Water Distribution Pipe.....	10.97	2.17
33 11 13 39-0007	LF	2" Type K Copper Water Distribution Pipe.....	15.41	2.71
33 11 13 39-0008	LF	2-1/2" Type K Copper Water Distribution Pipe.....	22.35	3.26
33 11 13 39-0009	LF	3" Type K Copper Water Distribution Pipe.....	29.31	3.58
33 11 13 39-0010	LF	3-1/2" Type K Copper Water Distribution Pipe.....	38.66	4.50
33 11 13 39-0011	LF	4" Type K Copper Water Distribution Pipe.....	49.37	5.70
33 11 13 39-0012	LF	5" Type K Copper Water Distribution Pipe.....	112.64	7.11
33 11 13 39-0013	LF	6" Type K Copper Water Distribution Pipe.....	158.13	8.58
33 11 13 39-0014	LF	8" Type K Copper Water Distribution Pipe.....	282.21	9.60

**33 11 13 39-0015 Copper Flare x Female Copper Flare Service Fitting Coupling (33 11 13 39)**

Note: Mueller H-15405

33 11 13 39-0016	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling.....	18.38	
33 11 13 39-0017	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling.....	25.15	
33 11 13 39-0018	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	52.51	
33 11 13 39-0019	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	66.80	

**33 11 13 39-0020 Copper Flare x Female Iron Pipe Service Fitting Coupling (33 11 13 39)**

Note: Mueller H-15450

33 11 13 39-0021	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	19.21	
33 11 13 39-0022	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	18.43	
33 11 13 39-0023	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	24.71	
33 11 13 39-0024	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	34.82	
33 11 13 39-0025	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	43.62	
33 11 13 39-0026	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	65.25	

**33 11 13 39-0027 Copper Flare x Male Iron Pipe Service Fitting Coupling (33 11 13 39)**

Note: Mueller H-15425

33 11 13 39-0028	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	17.40	
33 11 13 39-0029	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	18.47	
33 11 13 39-0030	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	24.32	
33 11 13 39-0031	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	34.82	
33 11 13 39-0032	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	45.03	
33 11 13 39-0033	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	66.99	

**33 11 13 39-0034 Brass Fittings (33 11 13 39)**

**33 11 13 39-0035 Brass Compression Reducer Coupling (33 11 13 39-0034)**

33 11 13 39-0036	EA	3/4" x 1" Brass Compression Reducer Coupling.....	27.26	9.08
33 11 13 39-0037	EA	1" x 3/4" Brass Compression Reducer Coupling.....	21.92	9.08
33 11 13 39-0038	EA	1-1/2" x 1" Brass Compression Reducer Coupling.....	45.09	13.79
33 11 13 39-0039	EA	2" x 1-1/2" Brass Compression Reducer Coupling.....	55.93	17.50

**33 11 13 39-0040 Copper Compression x Male NPT Brass Coupling (33 11 13 39-0034)**

Note: A. Y. McDonald 74753Q

33 11 13 39-0041	EA	3/4" Copper Compression x Male NPT Brass Coupling.....	36.48	10.09
33 11 13 39-0042	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling.....	41.35	11.78
33 11 13 39-0043	EA	1" Copper Compression x Male NPT Brass Coupling.....	42.87	11.78
33 11 13 39-0044	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling.....	41.61	11.78
33 11 13 39-0045	EA	1-1/4" Copper Compression x Male NPT Brass Coupling.....	60.70	13.46
33 11 13 39-0046	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling.....	58.41	13.46
33 11 13 39-0047	EA	1-1/2" Copper Compression x Male NPT Brass Coupling.....	82.02	16.83
33 11 13 39-0048	EA	2" Copper Compression x Male NPT Brass Coupling.....	110.88	20.19

**33 11 13 39-0049 Brass Nipples (33 11 13 39-0034)**

33 11 13 39-0050	EA	3/4" x 6" Long Brass Nipple.....	17.05	4.20
33 11 13 39-0051	EA	1" x 6" Long Brass Nipple.....	21.67	4.55
33 11 13 39-0052	EA	1-1/2" x 6" Long Brass Nipple.....	31.89	4.88

**33 11 13 39-0053 Brass "H" Style Meter Insetters (33 11 13 39-0034)**

33 11 13 39-0054	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters.....	112.67	18.59
33 11 13 39-0055	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters.....	76.73	18.59

**33 11 13 39-0056 Meter Setters - Resetter, Brass (33 11 13 39-0034)**

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 39-0057 EA 1" Meter, 10" High Brass Meter Setter - Resetter .....	277.89	18.59
Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		
<b>33 11 13 43 Public Water Utility Distribution Piping Coatings And Wraps (33 11 13)</b>		
<b>33 11 13 43-0001 Pipe Coatings (33 11 13 43)</b>		
<b>33 11 13 43-0002 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating (33 11 13 43-0001)</b>		
33 11 13 43-0003 LF 8" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	2.05	
33 11 13 43-0004 LF 10" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	2.45	
33 11 13 43-0005 LF 12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	2.89	
33 11 13 43-0006 LF 14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	3.84	
33 11 13 43-0007 LF 16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	4.38	
33 11 13 43-0008 LF 18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	4.60	
33 11 13 43-0009 LF 20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	4.95	
33 11 13 43-0010 LF 24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	5.77	
33 11 13 43-0011 LF 30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	7.58	
33 11 13 43-0012 LF 36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating .....	11.97	
<b>33 11 13 43-0013 8 Mil Polyethylene Encasement Tubing (33 11 13 43)</b>		
Note: ANSI/AWWA C105/A21.5-99 section 4.2.		
33 11 13 43-0014 LF 3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing .....	0.52	
33 11 13 43-0015 LF 10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing .....	0.88	
33 11 13 43-0016 LF 14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing .....	1.09	
33 11 13 43-0017 LF 18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing .....	1.39	
33 11 13 43-0018 LF 24" Diameter, 8 Mil Polyethylene Encasement Tubing .....	1.93	
33 11 13 43-0019 LF 30" Diameter, 8 Mil Polyethylene Encasement Tubing .....	2.49	
33 11 13 43-0020 LF 36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing .....	3.17	
33 11 13 43-0021 LF 48" Diameter, 8 Mil Polyethylene Encasement Tubing .....	3.78	
33 11 13 43-0022 LF 54" To 60" Diameter, 8 Mil Polyethylene Encasement Tubing .....	4.68	
<b>33 11 13 53 Public Water Utility Distribution Piping Saddles And Adapters (33 11 13)</b>		
<b>33 11 13 53-0001 Double Stud Stainless Steel Service Saddles (33 11 13 53)</b>		
Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.		
33 11 13 53-0002 EA 4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	171.24	
33 11 13 53-0003 EA 4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	261.97	
33 11 13 53-0004 EA 4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	268.30	
33 11 13 53-0005 EA 6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	213.14	
33 11 13 53-0006 EA 6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	276.47	
33 11 13 53-0007 EA 8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	221.22	
33 11 13 53-0008 EA 8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	288.60	
33 11 13 53-0009 EA 10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	253.78	
33 11 13 53-0010 EA 10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	303.87	
33 11 13 53-0011 EA 12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	263.40	
33 11 13 53-0012 EA 12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	314.18	
<b>33 11 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles (33 11 13 53)</b>		
Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.		
33 11 13 53-0014 EA 1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	128.25	
33 11 13 53-0015 EA 2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	128.38	
33 11 13 53-0016 EA 2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	136.40	
33 11 13 53-0017 EA 2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	131.66	
33 11 13 53-0018 EA 3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	141.09	
33 11 13 53-0019 EA 3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	159.23	
33 11 13 53-0020 EA 3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	169.71	
33 11 13 53-0021 EA 4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	152.78	
33 11 13 53-0022 EA 4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	171.10	
33 11 13 53-0023 EA 4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	179.40	
33 11 13 53-0024 EA 5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	160.90	
33 11 13 53-0025 EA 5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	179.96	
33 11 13 53-0026 EA 5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	188.20	
33 11 13 53-0027 EA 6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	169.48	
33 11 13 53-0028 EA 6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	187.85	
33 11 13 53-0029 EA 6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	195.92	
33 11 13 53-0030 EA 6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	326.02	
33 11 13 53-0031 EA 6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	332.35	
33 11 13 53-0032 EA 8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	186.12	
33 11 13 53-0033 EA 8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	209.24	
33 11 13 53-0034 EA 8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	216.41	
33 11 13 53-0035 EA 8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	395.13	
33 11 13 53-0036 EA 10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	214.59	
33 11 13 53-0037 EA 10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	243.23	
33 11 13 53-0038 EA 10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	449.25	
33 11 13 53-0039 EA 12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	237.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0040 EA 12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	267.78	
33 11 13 53-0041 EA 12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	276.57	
33 11 13 53-0042 EA 12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	509.89	
33 11 13 53-0043 EA 14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	288.81	
33 11 13 53-0044 EA 14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	311.77	
33 11 13 53-0045 EA 14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	339.45	
33 11 13 53-0046 EA 14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	648.74	
33 11 13 53-0047 EA 15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	295.13	
33 11 13 53-0048 EA 15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	346.38	
33 11 13 53-0049 EA 15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	360.98	
33 11 13 53-0050 EA 15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	701.78	
33 11 13 53-0051 EA 16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	308.71	
33 11 13 53-0052 EA 16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	362.02	
33 11 13 53-0053 EA 16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	377.12	
33 11 13 53-0054 EA 16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	730.92	
33 11 13 53-0055 EA 18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	349.15	
33 11 13 53-0056 EA 18" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	412.87	
33 11 13 53-0057 EA 20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	409.62	
33 11 13 53-0058 EA 20" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	457.39	
33 11 13 53-0059 EA 24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	428.67	
33 11 13 53-0060 EA 24" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	491.11	
<b>33 11 13 53-0061 Double Bale Bronze Service Saddles (33 11 13 53)</b>		
33 11 13 53-0062 EA 4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	194.19	
33 11 13 53-0063 EA 4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	214.92	
33 11 13 53-0064 EA 6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	222.23	
33 11 13 53-0065 EA 6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	243.20	
33 11 13 53-0066 EA 8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	252.85	
33 11 13 53-0067 EA 8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	265.82	
33 11 13 53-0068 EA 10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	237.89	
33 11 13 53-0069 EA 10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	254.52	
33 11 13 53-0070 EA 12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	322.38	
33 11 13 53-0071 EA 12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	352.15	
33 11 13 53-0072 EA 14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	529.72	
33 11 13 53-0073 EA 14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	429.19	
33 11 13 53-0074 EA 16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	623.78	
33 11 13 53-0075 EA 16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	495.31	
<b>33 11 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle (33 11 13 53)</b>		
Note: Taps are compression or NPT.		
33 11 13 53-0077 EA 4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	207.88	
33 11 13 53-0078 EA 4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	232.20	
33 11 13 53-0079 EA 6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	238.41	
33 11 13 53-0080 EA 6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	261.69	
33 11 13 53-0081 EA 8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	272.85	
33 11 13 53-0082 EA 8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	286.90	
33 11 13 53-0083 EA 10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	314.13	
33 11 13 53-0084 EA 10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	338.29	
33 11 13 53-0085 EA 12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	340.72	
33 11 13 53-0086 EA 12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	372.84	
33 11 13 53-0087 EA 14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	575.14	
33 11 13 53-0088 EA 14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	462.01	
33 11 13 53-0089 EA 16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	677.67	
33 11 13 53-0090 EA 16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	534.43	
<b>33 11 13 53-0091 Ductile Iron Mechanical Joint Tapping Sleeve (33 11 13 53)</b>		
33 11 13 53-0092 EA 4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	1,035.10	
33 11 13 53-0093 EA 6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	1,244.38	
33 11 13 53-0094 EA 8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	1,499.26	
33 11 13 53-0095 EA 8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	1,596.95	
33 11 13 53-0096 EA 10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	2,570.80	
33 11 13 53-0097 EA 10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	2,711.05	
33 11 13 53-0098 EA 10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	2,766.14	
33 11 13 53-0099 EA 12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	2,665.69	
33 11 13 53-0100 EA 12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	2,805.34	
33 11 13 53-0101 EA 12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	3,158.38	
33 11 13 53-0102 EA 12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	3,241.36	
33 11 13 53-0103 EA 14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	5,704.42	
33 11 13 53-0104 EA 14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	5,863.39	
33 11 13 53-0105 EA 14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	5,929.97	
33 11 13 53-0106 EA 14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615) .....	5,953.54	

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 11 13 53-0107	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,173.79	
33 11 13 53-0108	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,149.84	
33 11 13 53-0109	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,162.50	
33 11 13 53-0110	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,341.17	
33 11 13 53-0111	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,376.52	
33 11 13 53-0112	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,416.32	
33 11 13 53-0113	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,149.85	
33 11 13 53-0114	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	6,723.59	
33 11 13 53-0115	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,693.87	
33 11 13 53-0116	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,108.48	
33 11 13 53-0117	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,201.18	
33 11 13 53-0118	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,508.91	
33 11 13 53-0119	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,002.19	
33 11 13 53-0120	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,671.61	
33 11 13 53-0121	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,824.24	
33 11 13 53-0122	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	7,878.45	
33 11 13 53-0123	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,183.79	
33 11 13 53-0124	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,330.54	
33 11 13 53-0125	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,530.97	
33 11 13 53-0126	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,727.83	
33 11 13 53-0127	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,856.15	
33 11 13 53-0128	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,889.16	
33 11 13 53-0129	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,021.79	
33 11 13 53-0130	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,196.15	
33 11 13 53-0131	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,221.46	
33 11 13 53-0132	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,619.36	
33 11 13 53-0133	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,799.07	

**33 11 13 53-0134 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (33 11 13 53)**

33 11 13 53-0135	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	857.16	
33 11 13 53-0136	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	887.65	
33 11 13 53-0137	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	982.86	
33 11 13 53-0138	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	992.73	
33 11 13 53-0139	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,035.63	
33 11 13 53-0140	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,221.34	
33 11 13 53-0141	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,072.96	
33 11 13 53-0142	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,114.50	
33 11 13 53-0143	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,276.64	
33 11 13 53-0144	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,876.30	
33 11 13 53-0145	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,191.39	
33 11 13 53-0146	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,256.54	
33 11 13 53-0147	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,415.95	
33 11 13 53-0148	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,952.21	
33 11 13 53-0149	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,154.40	
33 11 13 53-0150	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,625.23	
33 11 13 53-0151	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,677.56	
33 11 13 53-0152	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,030.08	
33 11 13 53-0153	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,469.31	
33 11 13 53-0154	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,751.74	
33 11 13 53-0155	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,953.89	
33 11 13 53-0156	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,008.21	
33 11 13 53-0157	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,238.50	
33 11 13 53-0158	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,870.64	
33 11 13 53-0159	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,013.09	
33 11 13 53-0160	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,029.28	
33 11 13 53-0161	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,135.10	
33 11 13 53-0162	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,285.63	
33 11 13 53-0163	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,031.09	
33 11 13 53-0164	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,173.37	
33 11 13 53-0165	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,488.96	
33 11 13 53-0166	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,543.14	
33 11 13 53-0167	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,892.31	
33 11 13 53-0168	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,489.03	
33 11 13 53-0169	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,736.97	
33 11 13 53-0170	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,663.52	
33 11 13 53-0171	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,793.12	
33 11 13 53-0172	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,971.33	
33 11 13 53-0173	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,822.08	
33 11 13 53-0174	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,970.81	

**33 11 13 53-0175 Stainless Steel Flange, Stainless Steel Tapping Sleeve (33 11 13 53)**

33 11 13 53-0176	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,021.75	
33 11 13 53-0177	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,095.53	
33 11 13 53-0178	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,164.00	
33 11 13 53-0179	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,166.61	
33 11 13 53-0180	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,246.87	
33 11 13 53-0181	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,504.73	
33 11 13 53-0182	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,342.16	
33 11 13 53-0183	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,432.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0184 EA 10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,662.32	
33 11 13 53-0185 EA 10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,336.28	
33 11 13 53-0186 EA 12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,521.87	
33 11 13 53-0187 EA 12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,647.84	
33 11 13 53-0188 EA 12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,954.82	
33 11 13 53-0189 EA 12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,357.56	
33 11 13 53-0190 EA 12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,663.31	
33 11 13 53-0191 EA 14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,734.12	
33 11 13 53-0192 EA 14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	1,890.71	
33 11 13 53-0193 EA 14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,237.53	
33 11 13 53-0194 EA 14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,640.66	
33 11 13 53-0195 EA 14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,849.58	
33 11 13 53-0196 EA 16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,151.69	
33 11 13 53-0197 EA 16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,369.10	
33 11 13 53-0198 EA 16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,532.61	
33 11 13 53-0199 EA 16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,966.75	
33 11 13 53-0200 EA 16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,258.33	
33 11 13 53-0201 EA 18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,348.56	
33 11 13 53-0202 EA 18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,678.02	
33 11 13 53-0203 EA 18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,849.05	
33 11 13 53-0204 EA 18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,229.43	
33 11 13 53-0205 EA 18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,735.66	
33 11 13 53-0206 EA 20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,507.81	
33 11 13 53-0207 EA 20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,836.40	
33 11 13 53-0208 EA 20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	2,973.65	
33 11 13 53-0209 EA 20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,689.38	
33 11 13 53-0210 EA 20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	4,083.71	
33 11 13 53-0211 EA 24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,011.72	
33 11 13 53-0212 EA 24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,050.64	
33 11 13 53-0213 EA 24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	3,217.05	
33 11 13 53-0214 EA 24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	4,073.14	
33 11 13 53-0215 EA 24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663) .....	4,525.80	
<b>33 11 13 53-0216 Ductile Iron Body, Flanged Coupling Adapter (33 11 13 53)</b>		
33 11 13 53-0217 EA 3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	264.95	37.35
33 11 13 53-0218 EA 4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	331.68	47.09
33 11 13 53-0219 EA 6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	433.23	64.95
33 11 13 53-0220 EA 8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	588.97	76.32
33 11 13 53-0221 EA 10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	925.82	86.06
33 11 13 53-0222 EA 12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912) .....	1,033.05	97.43
<b>33 11 13 53-0223 Steel Body, Flanged Coupling Adapter (33 11 13 53)</b>		
33 11 13 53-0224 EA 3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	403.01	37.35
33 11 13 53-0225 EA 4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	473.74	47.09
33 11 13 53-0226 EA 6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	630.55	64.95
33 11 13 53-0227 EA 8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	774.34	76.32
33 11 13 53-0228 EA 10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	952.17	86.06
33 11 13 53-0229 EA 12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	1,112.27	97.43
33 11 13 53-0230 EA 14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	1,329.68	107.17
33 11 13 53-0231 EA 16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	1,584.37	116.92
33 11 13 53-0232 EA 18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	1,880.14	128.61
33 11 13 53-0233 EA 20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913) .....	2,231.84	141.46
<b>33 11 13 53-0234 Steel Body, Flanged-Lock Restrained Coupling Adapters (33 11 13 53)</b>		
33 11 13 53-0235 EA 4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	340.92	47.09
33 11 13 53-0236 EA 6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	456.02	64.95
33 11 13 53-0237 EA 8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	500.77	76.32
33 11 13 53-0238 EA 10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	755.31	86.06
33 11 13 53-0239 EA 12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	973.61	97.43
33 11 13 53-0240 EA 14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	1,094.01	107.17
33 11 13 53-0241 EA 16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	1,294.62	116.92
33 11 13 53-0242 EA 18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	1,455.34	128.61
33 11 13 53-0243 EA 20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	1,761.47	141.46
33 11 13 53-0244 EA 24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	2,136.06	155.62
33 11 13 53-0245 EA 30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	4,594.41	171.14
33 11 13 53-0246 EA 36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911) .....	6,241.09	188.30
<b>33 11 13 53-0247 Ductile Iron Body, Omni Coupling System (33 11 13 53)</b>		
33 11 13 53-0248 EA 2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	111.14	25.98
33 11 13 53-0249 EA 2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	138.21	30.86
33 11 13 53-0250 EA 3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	171.92	37.35
33 11 13 53-0251 EA 4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	215.72	47.09
33 11 13 53-0252 EA 6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	285.78	64.95
33 11 13 53-0253 EA 8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	349.68	76.32
33 11 13 53-0254 EA 10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	445.69	86.06
33 11 13 53-0255 EA 12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	524.27	97.43

**33 Utilities****33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 11 13 53-0256 EA 14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	765.42	107.17
33 11 13 53-0257 EA 16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441) .....	970.79	116.92

**33 12 Water Utility Distribution Equipment** (33 10)**33 12 13 Water Service Connections** (33 12)**33 12 13 23 Water Service Hydrants** (33 12 13)**33 12 13 23-0001****Yard Hydrants** (33 12 13 23)

Note: With 3/4" hose thread outlet.

33 12 13 23-0002 EA 2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet .....	158.22	20.19
33 12 13 23-0003 EA 4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet .....	168.20	20.19
33 12 13 23-0004 EA 6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet .....	178.19	20.19
33 12 13 23-0005 EA 2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	203.16	25.58
33 12 13 23-0006 EA 4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	213.31	25.58
33 12 13 23-0007 EA 6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	223.45	25.58

**33 12 13 23-0008****Sanitary Yard Hydrants** (33 12 13 23)

Note: With 3/4" hose thread outlet.

33 12 13 23-0009 EA 2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	640.06	42.06
33 12 13 23-0010 EA 4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	671.25	42.06
33 12 13 23-0011 EA 6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet .....	702.45	42.06

**33 12 13 23-0012****Flushing Hydrants** (33 12 13 23)

33 12 13 23-0013 EA 2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth .....	442.26	26.10
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**33 12 16 Water Utility Distribution Valves** (33 12)

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0576 for bolt and gasket sets.

**33 12 16 00-0001****Accessories For Valves** (33 12 16)

33 12 16 00-0002 EA 1' Valve Extension Stem .....	62.55	
For Each Additional LF, Add	4.47	
33 12 16 00-0003 EA Up to 80" Long Indicator Post Telescoping Barrel Assembly .....	837.60	61.96
Note: Excludes valve.		
33 12 16 00-0004 EA >80" To 114" Long Indicator Post Telescoping Barrel Assembly .....	949.65	68.15
Note: Excludes valve.		
33 12 16 00-0005 EA Valve Extension Stem, 4' Add To Gate Or Plug Valve .....	132.90	

**33 12 16 00-0006****Roadway Or Curb Valve Boxes** (33 12 16)**33 12 16 00-0007****Round Head, Cast Iron Service, Roadway Or Valve Boxes** (33 12 16 00-0006)

33 12 16 00-0008 EA 36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	125.04	8.18
Note: Includes cover, top section and bottom section.		
33 12 16 00-0009 EA 36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	145.05	8.18
Note: Includes cover, top section and bottom section.		
33 12 16 00-0010 EA 42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	145.97	8.18
Note: Includes cover, top section and bottom section.		
33 12 16 00-0011 EA 9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	37.86	4.09
33 12 16 00-0012 EA 16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	43.15	4.09
33 12 16 00-0013 EA 24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	51.12	4.09
33 12 16 00-0014 EA 36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box .....	188.20	10.22
Note: Includes cover, top section and bottom section.		
33 12 16 00-0015 EA 45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	325.38	14.31
Note: Includes cover, top section, bottom section and #6 round base.		
33 12 16 00-0016 EA 45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	362.70	14.31
Note: Includes cover, top section, bottom section and #6 round base.		
33 12 16 00-0017 EA 24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	195.60	10.22
Note: Includes cover, top section and bottom section.		
33 12 16 00-0018 EA 36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	204.51	10.22
Note: Includes cover, top section and bottom section.		
33 12 16 00-0019 EA 24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	197.70	10.22
Note: Includes cover, top section and bottom section.		
33 12 16 00-0020 EA 12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	71.72	4.09
33 12 16 00-0021 EA 18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	121.40	16.83
33 12 16 00-0022 EA 22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	125.45	17.50
33 12 16 00-0023 EA 30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	139.61	18.17
33 12 16 00-0024 EA 36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	190.91	19.18
33 12 16 00-0025 EA 48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	229.93	20.19
33 12 16 00-0026 EA 18" Cast Iron Service Box Extension Section .....	53.71	

**33 12 16 00-0027****Curb Box Components** (33 12 16 00-0006)

33 12 16 00-0028 EA Curb Box Bolt .....	5.90	
33 12 16 00-0029 EA Curb Box Cover .....	8.77	
33 12 16 00-0030 EA Curb Box Foot Piece .....	6.35	
33 12 16 00-0031 EA Curb Box Guide Ring .....	5.42	
33 12 16 00-0032 EA Curb Box Rod .....	25.88	





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Equipment</b>	<b>33 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0033 EA Curb Box Top Section.....	36.07	
33 12 16 00-0034 EA Curb Box Bottom Section.....	37.93	
33 12 16 00-0035 EA Curb Box Pin, Secures Rod To Curb Box.....	5.53	
<b>33 12 16 00-0036 Plastic Roadway Grade Water Meter Box And Cover (33 12 16 00-0006)</b>		
33 12 16 00-0037 EA 12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover .....	160.04	23.55
33 12 16 00-0038 EA 9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover .....	120.14	16.83
33 12 16 00-0039 EA Cast Iron Lid For Plastic Meter Box .....	35.42	
<b>33 12 16 00-0040 Valve Box Components (33 12 16 00-0006)</b>		
33 12 16 00-0041 EA Valve Box Upper And Lower Section.....	72.99	
33 12 16 00-0042 EA Valve Box Cover "Water".....	12.12	
33 12 16 00-0043 EA Valve Box Lower Section, 4-1/2" x 6" Cutout.....	56.79	
33 12 16 00-0044 EA Valve Box Top Section .....	29.41	
33 12 16 00-0045 EA Valve Box Extension, 17".....	34.78	
33 12 16 00-0046 EA Meter, Cover, Single, Remote Sensor .....	23.63	
33 12 16 00-0047 EA Meter, Frame, Double, 15" Diameter .....	47.45	
33 12 16 00-0048 EA Meter, Frame, Double, 18" Diameter .....	46.61	
33 12 16 00-0049 EA Meter, Frame, Double, 21" Diameter .....	101.46	
33 12 16 00-0050 EA Extension Ring, 18" Meter Frame, 24" Pit.....	89.72	
33 12 16 00-0051 EA Meter, Housing, Concrete Or Clay, 21" Diameter .....	143.74	
33 12 16 00-0052 EA Meter, Housing, Clay, 24" Diameter.....	239.63	
33 12 16 00-0053 EA Meter, Housing, PE, 18" Diameter.....	68.24	
33 12 16 00-0054 EA Meter, Housing, PE, 24" Diameter.....	109.38	
33 12 16 00-0055 EA Reclaimed Water, Polymer Meter Box.....	102.88	
33 12 16 00-0056 EA Reclaimed Water, Commercial Meter Box.....	163.45	
33 12 16 00-0057 EA Reclaimed Water, Industrial Meter Box .....	202.11	
33 12 16 00-0058 EA 3/4" And 1" CDR Meter Box.....	90.84	
33 12 16 00-0059 EA CDR For 1" Dual Check Meter Box.....	144.77	
33 12 16 00-0060 EA 5/8" x 3/4" Residential Potable Water Meter And Backflow Box .....	90.84	
33 12 16 00-0061 EA 5/8" x 1" Residential Potable Water Meter And Backflow Box .....	90.84	
33 12 16 00-0062 EA 17" x 30" Industrial Potable Water/Backflow Meter Boxes.....	178.79	
33 12 16 00-0063 EA 17" x 30" Industrial Bottom Potable Water/Backflow Meter Boxes .....	178.79	
33 12 16 00-0064 EA 13"W x 24"L x 2" Thick Replacement Lids.....	57.65	
33 12 16 00-0065 EA CDR Meter Box Cover .....	26.90	
33 12 16 00-0066 EA Industrial Meter Box Lids .....	56.47	
33 12 16 00-0067 EA Industrial Meter And Backflow Box Lids.....	61.98	
33 12 16 00-0068 EA Residential Reclaimed Water Meter Box Lids.....	33.09	
33 12 16 00-0069 EA Industrial Reclaimed Water Meter Box Lids.....	70.10	
33 12 16 00-0070 EA 11" x 18" Potable Water Meter And Backflow Box Residential Lids.....	27.59	
Note: With 4" x 6" hinged door		
<b>33 12 16 00-0071 Watertight Limited Access Environmental Manhole (33 12 16 00-0006)</b>		
33 12 16 00-0072 EA 8" x 12" Watertight Limited Access Environmental Manhole With Bolt Down Lid .....	120.11	
Note: Cast iron lid and ring with galvanized steel skirt. 8" diameter opening and 11-1/4" depth. Lid has "Monitoring Well" designation.		
33 12 16 00-0073 EA 12" x 12" Watertight Limited Access Environmental Manhole With Bolt Down Lid .....	176.21	
Note: Cast iron lid and ring with galvanized steel skirt. 12" diameter opening and 11-1/4" depth. Lid has "Monitoring Well" designation.		
33 12 16 00-0074 EA 18" x 12" Watertight Limited Access Environmental Manhole With Bolt Down Lid .....	375.92	
Note: Cast iron lid and ring with galvanized steel skirt. 18" diameter opening and 11-1/4" depth. Lid has "Monitoring Well" designation.		
<b>33 12 16 00-0075 Remove And Reinstall Meter (33 12 16 00-0006)</b>		
Note: Includes removal, cleaning, capping ends, protection of meter, storage, and reinstallation.		
33 12 16 00-0076 EA Remove And Reinstall House Meter.....	95.72	
Note: Includes removal, cleaning, capping ends, protection of meter, storage, and reinstallation.		
<b>33 12 16 00-0077 Water Utility Distribution Valves (33 12 16)</b>		
<b>33 12 16 00-0078 Angle Valves (33 12 16 00-0077)</b>		
Note: For connecting meters to water service.		
<b>33 12 16 00-0079 Threaded, Class 150, Bronze Angle Valve (33 12 16 00-0078)</b>		
Note: Nibco T-335Y		
33 12 16 00-0080 EA 1/2" Threaded, Class 150, Bronze Angle Valve.....	44.81	10.77
33 12 16 00-0081 EA 3/4" Threaded, Class 150, Bronze Angle Valve.....	60.43	14.47
33 12 16 00-0082 EA 1" Threaded, Class 150, Bronze Angle Valve.....	79.80	17.84
33 12 16 00-0083 EA 1-1/4" Threaded, Class 150, Bronze Angle Valve.....	102.45	22.41
33 12 16 00-0084 EA 1-1/2" Threaded, Class 150, Bronze Angle Valve.....	126.22	25.91
33 12 16 00-0085 EA 2" Threaded, Class 150, Bronze Angle Valve.....	181.84	30.29
33 12 16 00-0086 EA 2-1/2" Threaded, Class 150, Bronze Angle Valve.....	285.05	41.33
33 12 16 00-0087 EA 3" Threaded, Class 150, Bronze Angle Valve.....	420.62	47.71
<b>33 12 16 00-0088 Ball Meter Valves (33 12 16 00-0077)</b>		

**33 Utilities****33 10 Water Utilities****33 12 Water Utility Distribution Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0089	EA	3/4" Ball Meter Valve (Ford B43-342W)..... Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.	73.54	16.83
33 12 16 00-0090	EA	1" Ball Meter Valve (Ford B43-444W)..... Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.	79.72	17.84
33 12 16 00-0091	EA	1-1/2" Ball Meter Valve (Ford BF43-666W)..... Note: 1-1/2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.	151.34	30.29
33 12 16 00-0092	EA	2" Ball Meter Valve (Ford BF43-777W)..... Note: 2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.	208.04	30.62
33 12 16 00-0093	EA	3/4" Threaded Ball Meter Valve (Mueller B-20200).....	74.94	16.83
33 12 16 00-0094	EA	1" Threaded Ball Meter Valve (Mueller B-20200).....	98.67	17.84
33 12 16 00-0095	EA	1-1/2" Threaded Ball Meter Valve (Mueller B-20200).....	177.62	30.29
33 12 16 00-0096	EA	2" Threaded Ball Meter Valve (Mueller B-20200).....	231.61	30.62

**33 12 16 00-0097 Butterfly Valves (33 12 16 00-0077)****33 12 16 00-0098 Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valves (33 12 16 00-0097)**

33 12 16 00-0099	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD8).....	1,072.20	114.55
33 12 16 00-0100	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW8).....	1,229.20	114.55
33 12 16 00-0101	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD8).....	1,166.28	177.02
33 12 16 00-0102	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW8).....	1,323.28	177.02
33 12 16 00-0103	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD8).....	1,389.42	221.94
33 12 16 00-0104	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW8).....	1,546.42	221.94
33 12 16 00-0105	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD8).....	1,566.03	253.63
33 12 16 00-0106	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW8).....	1,724.03	253.63
33 12 16 00-0107	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD16).....	2,063.38	310.71
33 12 16 00-0108	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW20).....	2,463.38	310.71
33 12 16 00-0109	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-HD24).....	2,424.77	376.61
33 12 16 00-0110	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-3-CW20).....	2,751.77	376.61
33 12 16 00-0111	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-HD12).....	3,143.86	477.49
33 12 16 00-0112	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-CW20).....	3,679.86	477.49
33 12 16 00-0113	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-HD16).....	3,759.55	525.23
33 12 16 00-0114	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-CW20).....	4,101.55	525.23
33 12 16 00-0115	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-HD16).....	4,710.48	583.58
33 12 16 00-0116	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-CW20).....	5,047.48	583.58
33 12 16 00-0117	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-HD30).....	5,570.68	656.55
33 12 16 00-0118	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,Ci,NBRN-NBR,150B,Ci-S1*MS-7-CW20).....	5,786.68	656.55
33 12 16 00-0119	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-HD30).....	8,278.07	808.06



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Equipment</b>	<b>33 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0120 EA 24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-CW20).....	8,494.07	808.06
33 12 16 00-0121 EA 30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16).....	19,178.94	1,382.03
33 12 16 00-0122 EA 36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16).....	22,250.68	1,884.59
33 12 16 00-0123 EA 42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD32).....	28,518.69	2,764.05
33 12 16 00-0124 EA 48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR3-HD24).....	34,829.36	3,455.07
<b>33 12 16 00-0125 Check Valves</b> <small>(33 12 16 00-0077)</small>		
<b>33 12 16 00-0126 Flanged, Swing Type Gravity Operated Check Valves</b> <small>(33 12 16 00-0125)</small>		
<small>Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.</small>		
33 12 16 00-0127 EA 2-1/2" Flanged, Swing Type Gravity Operated Check Valve.....	588.98	83.65
33 12 16 00-0128 EA 3" Flanged, Swing Type Gravity Operated Check Valve.....	623.68	99.13
33 12 16 00-0129 EA 4" Flanged, Swing Type Gravity Operated Check Valve.....	787.17	133.21
33 12 16 00-0130 EA 4" x 6" Flanged, Swing Type Gravity Operated Check Valve.....	1,104.90	151.80
33 12 16 00-0131 EA 4" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,183.52	173.48
33 12 16 00-0132 EA 6" Flanged, Swing Type Gravity Operated Check Valve.....	1,095.62	154.90
33 12 16 00-0133 EA 6" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,405.00	170.39
33 12 16 00-0134 EA 6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	1,464.60	185.88
33 12 16 00-0135 EA 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,521.96	185.88
33 12 16 00-0136 EA 10" Flanged, Swing Type Gravity Operated Check Valve.....	2,497.51	216.86
33 12 16 00-0137 EA 12" Flanged, Swing Type Gravity Operated Check Valve.....	3,751.01	260.23
33 12 16 00-0138 EA 14" Flanged, Swing Type Gravity Operated Check Valve.....	5,154.21	292.46
33 12 16 00-0139 EA 16" Flanged, Swing Type Gravity Operated Check Valve.....	6,849.41	328.27
33 12 16 00-0140 EA 18" Flanged, Swing Type Gravity Operated Check Valve.....	9,901.67	364.08
33 12 16 00-0141 EA 20" Flanged, Swing Type Gravity Operated Check Valve.....	11,522.39	410.34
<b>33 12 16 00-0142 Threaded, Bronze, Swing Type Check Valves</b> <small>(33 12 16 00-0125)</small>		
<small>Note: Class 125. Watts WCV-2, Nibco T-413.</small>		
33 12 16 00-0143 EA 1/4" Threaded, Bronze, Swing Type Check Valve.....	25.85	10.84
33 12 16 00-0144 EA 3/8" Threaded, Bronze, Swing Type Check Valve.....	26.88	10.84
33 12 16 00-0145 EA 1/2" Threaded, Bronze, Swing Type Check Valve.....	26.28	10.84
33 12 16 00-0146 EA 3/4" Threaded, Bronze, Swing Type Check Valve.....	35.09	14.64
33 12 16 00-0147 EA 1" Threaded, Bronze, Swing Type Check Valve.....	43.82	17.70
33 12 16 00-0148 EA 1-1/4" Threaded, Bronze, Swing Type Check Valve.....	56.40	22.41
33 12 16 00-0149 EA 1-1/2" Threaded, Bronze, Swing Type Check Valve.....	67.52	25.91
33 12 16 00-0150 EA 2" Threaded, Bronze, Swing Type Check Valve.....	85.50	30.29
33 12 16 00-0151 EA 2-1/2" Threaded, Bronze, Swing Type Check Valve.....	139.99	41.33
<b>33 12 16 00-0152 Combination Air Release Valves</b> <small>(33 12 16 00-0077)</small>		
33 12 16 00-0153 EA 1" Combination Air Release Valve.....	415.71	13.01
33 12 16 00-0154 EA 2" Combination Air Release Valve.....	670.26	22.30
<b>33 12 16 00-0155 Corporation Stop And Curb Valve</b> <small>(33 12 16 00-0077)</small>		
<small>Note: AWWA C800</small>		
<b>33 12 16 00-0156 Ball Corporation Valves</b> <small>(33 12 16 00-0155)</small>		
<small>Note: Mueller B-25000.</small>		
33 12 16 00-0157 EA 3/4" Ball Corporation Valve.....	60.59	13.01
33 12 16 00-0158 EA 1" Ball Corporation Valve.....	76.42	16.11
33 12 16 00-0159 EA 1-1/2" Ball Corporation Valve.....	142.01	23.55
33 12 16 00-0160 EA 2" Ball Corporation Valve.....	221.09	27.88
<b>33 12 16 00-0161 Ground Key Corporation Valves</b> <small>(33 12 16 00-0155)</small>		
<small>Note: Mueller B-15000.</small>		
33 12 16 00-0162 EA 1/2" Ground Key Corporation Valve.....	44.57	11.16
33 12 16 00-0163 EA 3/4" Ground Key Corporation Valve.....	48.59	13.01
33 12 16 00-0164 EA 1" Ground Key Corporation Valve.....	67.28	16.11
33 12 16 00-0165 EA 1-1/4" Ground Key Corporation Valve.....	134.38	19.82
33 12 16 00-0166 EA 1-1/2" Ground Key Corporation Valve.....	137.44	23.55
33 12 16 00-0167 EA 2" Ground Key Corporation Valve.....	221.04	27.88
<b>33 12 16 00-0168 Ball Curb Valves</b> <small>(33 12 16 00-0155)</small>		
<small>Note: Mueller B-25204.</small>		
33 12 16 00-0169 EA 3/4" Ball Curb Valve.....	76.22	13.01
33 12 16 00-0170 EA 1" Ball Curb Valve.....	102.17	16.11
33 12 16 00-0171 EA 1-1/2" Ball Curb Valve.....	201.62	23.55
33 12 16 00-0172 EA 2" Ball Curb Valve.....	308.39	27.88

**33 Utilities****33 10 Water Utilities****33 12 Water Utility Distribution Equipment**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0173			<b>O Ring Seal Curb Valves</b> (33 12 16 00-0155) Note: Mueller H-15204.		
33 12 16 00-0174	EA		3/4" O Ring Seal Curb Valve.....	76.22	13.01
33 12 16 00-0175	EA		1" O Ring Seal Curb Valve.....	109.08	16.11
33 12 16 00-0176	EA		1-1/4" O Ring Seal Curb Valve.....	148.11	19.82
33 12 16 00-0177	EA		1-1/2" O Ring Seal Curb Valve.....	201.62	23.55
33 12 16 00-0178	EA		2" O Ring Seal Curb Valve.....	308.32	27.88
33 12 16 00-0179			<b>Gate Valve, AWWA C500 And C509</b> (33 12 16 00-0077)		
33 12 16 00-0180			<b>Gate Valve, Flanged</b> (33 12 16 00-0179) Note: Mueller A-2380-6.		
33 12 16 00-0181	EA		2" Gate Valve, Flanged.....	370.93	65.99
33 12 16 00-0182	EA		2-1/2" Gate Valve, Flanged.....	450.77	82.72
33 12 16 00-0183	EA		3" Gate Valve, Flanged.....	538.75	99.13
33 12 16 00-0184	EA		4" Gate Valve, Flanged.....	642.34	131.97
33 12 16 00-0185	EA		6" Gate Valve, Flanged.....	815.64	154.90
33 12 16 00-0186	EA		8" Gate Valve, Flanged.....	1,162.22	185.88
33 12 16 00-0187	EA		10" Gate Valve, Flanged.....	1,689.84	216.86
33 12 16 00-0188	EA		12" Gate Valve, Flanged.....	2,037.05	260.23
33 12 16 00-0189	EA		14" Gate Valve, Flanged.....	4,206.92	292.46
33 12 16 00-0190	EA		16" Gate Valve, Flanged.....	5,496.62	328.27
33 12 16 00-0191	EA		18" Gate Valve, Flanged.....	8,651.71	364.08
33 12 16 00-0192	EA		20" Gate Valve, Flanged.....	10,335.58	410.34
33 12 16 00-0193			<b>Resilient Wedge Gate Valve, Flanged</b> (33 12 16 00-0179) Note: Mueller A-2360-6.		
33 12 16 00-0194	EA		2" Resilient Wedge Gate Valve, Flanged.....	357.42	65.99
33 12 16 00-0195	EA		2-1/2" Resilient Wedge Gate Valve, Flanged.....	434.61	82.72
33 12 16 00-0196	EA		3" Resilient Wedge Gate Valve, Flanged.....	519.58	100.06
33 12 16 00-0197	EA		4" Resilient Wedge Gate Valve, Flanged.....	620.92	131.97
33 12 16 00-0198	EA		6" Resilient Wedge Gate Valve, Flanged.....	787.00	154.90
33 12 16 00-0199	EA		8" Resilient Wedge Gate Valve, Flanged.....	1,117.48	185.88
33 12 16 00-0200	EA		10" Resilient Wedge Gate Valve, Flanged.....	1,618.75	216.86
33 12 16 00-0201	EA		12" Resilient Wedge Gate Valve, Flanged.....	1,951.21	260.23
33 12 16 00-0202			<b>Gate Valve, Mechanical Joint</b> (33 12 16 00-0179) Note: Mueller A-2380-20.		
33 12 16 00-0203	EA		2" Gate Valve, Mechanical Joint.....	404.60	65.99
33 12 16 00-0204	EA		2-1/2" Gate Valve, Mechanical Joint.....	445.27	82.72
33 12 16 00-0205	EA		3" Gate Valve, Mechanical Joint.....	557.09	100.06
33 12 16 00-0206	EA		4" Gate Valve, Mechanical Joint.....	672.25	131.97
33 12 16 00-0207	EA		6" Gate Valve, Mechanical Joint.....	838.33	154.90
33 12 16 00-0208	EA		8" Gate Valve, Mechanical Joint.....	1,194.01	185.88
33 12 16 00-0209	EA		10" Gate Valve, Mechanical Joint.....	1,711.54	216.86
33 12 16 00-0210	EA		12" Gate Valve, Mechanical Joint.....	2,135.57	260.23
33 12 16 00-0211	EA		14" Gate Valve, Mechanical Joint.....	4,475.62	292.46
33 12 16 00-0212	EA		16" Gate Valve, Mechanical Joint.....	5,771.88	328.27
33 12 16 00-0213	EA		18" Gate Valve, Mechanical Joint.....	9,143.30	364.08
33 12 16 00-0214	EA		20" Gate Valve, Mechanical Joint.....	10,867.57	410.34
33 12 16 00-0215			<b>Resilient Wedge Gate Valve, Mechanical Joint</b> (33 12 16 00-0179) Note: Mueller A-2360-20.		
33 12 16 00-0216	EA		2" Resilient Wedge Gate Valve, Mechanical Joint.....	389.17	65.99
33 12 16 00-0217	EA		3" Resilient Wedge Gate Valve, Mechanical Joint.....	536.88	100.06
33 12 16 00-0218	EA		4" Resilient Wedge Gate Valve, Mechanical Joint.....	649.14	131.97
33 12 16 00-0219	EA		6" Resilient Wedge Gate Valve, Mechanical Joint.....	808.42	154.90
33 12 16 00-0220	EA		8" Resilient Wedge Gate Valve, Mechanical Joint.....	1,147.47	185.88
33 12 16 00-0221	EA		10" Resilient Wedge Gate Valve, Mechanical Joint.....	1,639.21	216.86
33 12 16 00-0222	EA		12" Resilient Wedge Gate Valve, Mechanical Joint.....	2,044.13	260.23
33 12 16 00-0223			<b>Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint</b> (33 12 16 00-0179) Note: Mueller A-2361.		
33 12 16 00-0224	EA		14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	4,057.29	292.46
33 12 16 00-0225	EA		16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	4,423.84	328.27
33 12 16 00-0226	EA		18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	6,894.75	364.08
33 12 16 00-0227	EA		20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	8,227.16	410.34
33 12 16 00-0228	EA		24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	11,630.97	477.49
33 12 16 00-0229			<b>Gate Valve, Threaded, WW-V-51 Class A, Type 1</b> (33 12 16 00-0179) Note: NIBCO T-113.		
33 12 16 00-0230	EA		1/4" Gate Valve, Bronze, Threaded.....	28.92	10.84
33 12 16 00-0231	EA		3/8" Gate Valve, Bronze, Threaded.....	29.95	10.84
33 12 16 00-0232	EA		1/2" Gate Valve, Bronze, Threaded.....	30.15	10.84



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Equipment</b>	<b>33 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0233 EA 3/4" Gate Valve, Bronze, Threaded .....	39.31	14.64
33 12 16 00-0234 EA 1" Gate Valve, Bronze, Threaded .....	48.22	17.70
33 12 16 00-0235 EA 1-1/4" Gate Valve, Bronze, Threaded .....	64.31	22.41
33 12 16 00-0236 EA 1-1/2" Gate Valve, Bronze, Threaded .....	74.51	25.91
33 12 16 00-0237 EA 2" Gate Valve, Bronze, Threaded .....	89.79	30.29
33 12 16 00-0238 EA 2-1/2" Gate Valve, Bronze, Threaded .....	159.63	41.33
33 12 16 00-0239 EA 3" Gate Valve, Bronze, Threaded .....	189.94	47.40
<b>33 12 16 00-0240</b> <b>Globe Valve, AWWA</b> (33 12 16 00-0077)		
<b>33 12 16 00-0241</b> <b>Globe Valve, Threaded, WW-V-51 Class B, Type 1</b> (33 12 16 00-0240) Note: NIBCO T-235.		
33 12 16 00-0242 EA 1/8" Globe Valve, Threaded .....	38.61	10.84
33 12 16 00-0243 EA 1/4" Globe Valve, Threaded .....	36.54	10.84
33 12 16 00-0244 EA 3/8" Globe Valve, Threaded .....	37.57	10.84
33 12 16 00-0245 EA 1/2" Globe Valve, Threaded .....	38.61	10.84
33 12 16 00-0246 EA 3/4" Globe Valve, Threaded .....	52.38	14.64
33 12 16 00-0247 EA 1" Globe Valve, Threaded .....	71.34	17.70
33 12 16 00-0248 EA 1-1/4" Globe Valve, Threaded .....	101.67	22.41
33 12 16 00-0249 EA 1-1/2" Globe Valve, Threaded .....	120.70	25.91
33 12 16 00-0250 EA 2" Globe Valve, Threaded .....	163.99	30.29
33 12 16 00-0251 EA 2-1/2" Globe Valve, Threaded .....	290.16	41.33
33 12 16 00-0252 EA 3" Globe Valve, Threaded .....	390.52	47.65
<b>33 12 16 00-0253</b> <b>Tapping Valve, AWWA C500 And C509</b> (33 12 16 00-0077)		
<b>33 12 16 00-0254</b> <b>Tapping Valve, AWWA C500 And C509</b> (33 12 16 00-0253) Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 12 16 00-0255 EA 2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	533.23	82.72
33 12 16 00-0256 EA 3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	674.88	100.06
33 12 16 00-0257 EA 4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	773.84	131.97
33 12 16 00-0258 EA 6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	1,016.58	154.90
33 12 16 00-0259 EA 8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	1,419.93	185.88
33 12 16 00-0260 EA 10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	2,003.02	216.86
33 12 16 00-0261 EA 12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	2,918.90	260.23
33 12 16 00-0262 EA 14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	5,114.00	292.46
33 12 16 00-0263 EA 16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	6,457.13	328.27
33 12 16 00-0264 EA 18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	10,354.86	364.68
<b>33 12 16 00-0265</b> <b>Yokes And Angles</b> (33 12 16 00-0077)		
<b>33 12 16 00-0266</b> <b>Yoke, Meter</b> (33 12 16 00-0265)		
33 12 16 00-0267 EA Yoke, Meter, 5/8" .....	29.77	10.09
33 12 16 00-0268 EA Yoke, Meter, 3/4" .....	33.67	11.10
33 12 16 00-0269 EA Yoke, Meter, 1" .....	43.83	12.78
<b>33 12 16 00-0270</b> <b>Angles And Ells</b> (33 12 16 00-0265)		
33 12 16 00-0271 EA 1-1/2" Flanged Angle, ELL .....	68.41	7.07
33 12 16 00-0272 EA ELL, Yoke, With Female I.P.T. ....	21.67	6.06
<b>33 12 19 Water Utility Distribution Fire Hydrants</b> (33 12 19)		
<b>33 12 19 00-0001</b> <b>Fire Hydrants</b> (33 12 19) Note: Breakaway type.		
<b>33 12 19 00-0002</b> <b>Three Way, Standard (Traditional) Model Fire Hydrant</b> (33 12 19 00-0001) Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0003 EA 1-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,689.49	155.35
33 12 19 00-0004 EA 2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,720.59	155.35
33 12 19 00-0005 EA 2-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,751.77	155.35
33 12 19 00-0006 EA 3" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,793.91	166.46
33 12 19 00-0007 EA 3-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,825.04	166.46
33 12 19 00-0008 EA 4" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,870.06	180.32
33 12 19 00-0009 EA 4-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,901.14	180.32
33 12 19 00-0010 EA 5" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,946.19	194.20
33 12 19 00-0011 EA 5-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,977.32	194.20
33 12 19 00-0012 EA 6" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	2,022.26	208.06
33 12 19 00-0013 EA 6-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	2,067.26	221.94
33 12 19 00-0014 EA 7" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	2,126.07	249.68
33 12 19 00-0015 EA 1-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,717.87	155.35
33 12 19 00-0016 EA 2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,758.23	155.35
33 12 19 00-0017 EA 2-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,798.49	155.35
33 12 19 00-0018 EA 3" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,849.86	166.46
33 12 19 00-0019 EA 3-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,890.12	166.46
33 12 19 00-0020 EA 4" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,944.39	180.32
33 12 19 00-0021 EA 4-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	1,984.60	180.32
33 12 19 00-0022 EA 5" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	2,038.78	194.20
33 12 19 00-0023 EA 5-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	2,079.03	194.20

**33 Utilities****33 10 Water Utilities****33 12 Water Utility Distribution Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 19 00-0024 EA 6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,133.08	208.06
33 12 19 00-0025 EA 6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,187.32	221.94
33 12 19 00-0026 EA 7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,255.25	249.68
<b>33 12 19 00-0027 Two Way, Standard (Traditional) Model Fire Hydrant (33 12 19 00-0001)</b>		
Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0028 EA 1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,518.78	155.35
33 12 19 00-0029 EA 2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,549.77	155.35
33 12 19 00-0030 EA 2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,580.94	155.35
33 12 19 00-0031 EA 3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,623.21	166.46
33 12 19 00-0032 EA 3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,654.24	166.46
33 12 19 00-0033 EA 4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,699.19	180.32
33 12 19 00-0034 EA 4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,730.32	180.32
33 12 19 00-0035 EA 5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,775.40	194.20
33 12 19 00-0036 EA 5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,806.46	194.20
33 12 19 00-0037 EA 6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,851.57	208.06
33 12 19 00-0038 EA 6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,896.37	221.94
33 12 19 00-0039 EA 7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,955.25	249.68
33 12 19 00-0040 EA 1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,562.62	155.35
33 12 19 00-0041 EA 2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,602.89	155.35
33 12 19 00-0042 EA 2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,643.10	155.35
33 12 19 00-0043 EA 3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,694.57	166.46
33 12 19 00-0044 EA 3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,734.73	166.46
33 12 19 00-0045 EA 4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,788.93	180.32
33 12 19 00-0046 EA 4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,829.11	180.32
33 12 19 00-0047 EA 5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,883.42	194.20
33 12 19 00-0048 EA 5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,923.58	194.20
33 12 19 00-0049 EA 6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	1,977.77	208.06
33 12 19 00-0050 EA 6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	2,031.81	221.94
33 12 19 00-0051 EA 7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	2,099.96	249.68
<b>33 12 19 00-0052 Three Way, Modern Model Fire Hydrant (33 12 19 00-0001)</b>		
Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0053 EA 1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,762.07	155.35
33 12 19 00-0054 EA 2' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,802.28	155.35
33 12 19 00-0055 EA 2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,842.61	155.35
33 12 19 00-0056 EA 3' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,894.00	166.46
33 12 19 00-0057 EA 3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,934.24	166.46
33 12 19 00-0058 EA 4' Burial Section, Three Way, Modern Type Fire Hydrant.....	1,988.36	180.32
33 12 19 00-0059 EA 4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,028.65	180.32
33 12 19 00-0060 EA 5' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,082.80	194.20
33 12 19 00-0061 EA 5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,123.05	194.20
33 12 19 00-0062 EA 6' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,177.17	194.20
33 12 19 00-0063 EA 6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,231.43	221.94
33 12 19 00-0064 EA 7' Burial Section, Three Way, Modern Type Fire Hydrant.....	2,298.94	221.94
<b>33 12 19 00-0065 Two Way, Modern Model Fire Hydrant (33 12 19 00-0001)</b>		
Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0066 EA 1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,257.88	155.35
33 12 19 00-0067 EA 2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,288.48	155.35
33 12 19 00-0068 EA 2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,319.42	155.35
33 12 19 00-0069 EA 3' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,360.77	166.46
33 12 19 00-0070 EA 3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,391.36	166.46
33 12 19 00-0071 EA 4' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,435.81	180.32
33 12 19 00-0072 EA 4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,466.39	180.32
33 12 19 00-0073 EA 5' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,510.90	194.20
33 12 19 00-0074 EA 5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,541.40	194.20
33 12 19 00-0075 EA 6' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,585.86	208.06
33 12 19 00-0076 EA 6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,630.37	221.94
33 12 19 00-0077 EA 7' Burial Section, Two Way, Modern Type Fire Hydrant.....	1,688.32	249.68
<b>33 12 19 00-0078 Fire Hydrant Extension Kits (33 12 19 00-0001)</b>		
33 12 19 00-0079 EA 6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	264.59	13.88
33 12 19 00-0080 EA 12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	314.73	17.34
33 12 19 00-0081 EA 18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	344.03	20.81
33 12 19 00-0082 EA 24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	391.86	25.66
33 12 19 00-0083 EA 30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	586.90	26.70
33 12 19 00-0084 EA 36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	626.52	27.74
33 12 19 00-0085 EA 42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	636.44	29.13
33 12 19 00-0086 EA 48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	672.40	31.21
33 12 19 00-0087 EA 54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	742.51	37.45
33 12 19 00-0088 EA 60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	785.79	45.08
33 12 19 00-0089 EA 6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	294.27	15.53
33 12 19 00-0090 EA 12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	348.89	18.87
33 12 19 00-0091 EA 18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	400.73	22.75
33 12 19 00-0092 EA 24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	449.07	28.30
33 12 19 00-0093 EA 30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	611.14	29.41



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Distribution Equipment</b>	<b>33 12</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 19 00-0094 EA 36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	651.30	30.52
33 12 19 00-0095 EA 42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	679.25	32.18
33 12 19 00-0096 EA 48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	793.27	34.40
33 12 19 00-0097 EA 54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	870.78	41.06
33 12 19 00-0098 EA 60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	917.52	49.38
<b>33 12 19 00-0099 Remove And Reinstall Standard Fire Hydrant</b> <small>(33 12 19 00-0001)</small>		
Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 12 19 00-0100 EA Up To 5' Burial Section, Remove And Reinstall Fire Hydrant.....	443.86	
33 12 19 00-0101 EA >5' Burial Section, Remove And Reinstall Fire Hydrant.....	647.31	
33 12 19 00-0102 EA Reset Fire Hydrant Upper Barrel.....	584.28	
Note: Includes Safety Repair Kit		
<b>33 12 33 Water Utility Metering</b> <small>(33 12)</small>		
<b>33 12 33 00-0001 Bronze Disk Type Water Service Meters</b> <small>(33 12 33)</small>		
33 12 33 00-0002 EA 5/8" Diameter, 0 - 20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze.....	128.25	35.00
33 12 33 00-0003 EA 3/4" Diameter, 0 - 30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze.....	160.36	41.73
33 12 33 00-0004 EA 1" Diameter, 0 - 50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze.....	212.47	47.78
33 12 33 00-0005 EA 1-1/2" Diameter, 0 - 100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze.....	405.86	71.34
33 12 33 00-0006 EA 2" Diameter, 0 - 160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze.....	548.71	92.88
<b>33 12 33 00-0007 Flanged Compound Type Water Service Meter</b> <small>(33 12 33)</small>		
33 12 33 00-0008 EA 2" Diameter, 0 - 160 GPM Water Service Meter Compound Type, Flanged And Bronze.....	1,613.77	108.37
33 12 33 00-0009 EA 3" Diameter, 0 - 320 GPM Water Service Meter Compound Type, Flanged And Bronze.....	1,954.70	143.94
33 12 33 00-0010 EA 4" Diameter, 0 - 500 GPM Water Service Meter Compound Type, Flanged And Bronze.....	3,169.17	199.51
33 12 33 00-0011 EA 6" Diameter, 0 - 1,000 GPM Water Service Meter Compound Type, Flanged And Bronze.....	4,473.25	294.93
33 12 33 00-0012 EA 8" Diameter, 0 - 1,600 GPM Water Service Meter Compound Type, Flanged And Bronze.....	9,019.25	387.25
33 12 33 00-0013 EA 10" Diameter, 0 - 2,500 GPM Water Service Meter Compound Type, Flanged And Bronze.....	15,265.65	469.34
<b>33 12 33 00-0014 Flanged Turbine Water Service Meter</b> <small>(33 12 33)</small>		
<b>33 12 33 00-0015 Vertical Turbine Meters</b> <small>(33 12 33 00-0014)</small>		
33 12 33 00-0016 EA 1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged.....	447.57	85.51
33 12 33 00-0017 EA 2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged.....	616.29	108.37
33 12 33 00-0018 EA 3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged.....	1,066.70	177.27
33 12 33 00-0019 EA 4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged.....	1,549.85	245.48
33 12 33 00-0020 EA 6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged.....	2,887.82	361.29
<b>33 12 33 00-0021 Horizontal Turbine Meters</b> <small>(33 12 33 00-0014)</small>		
33 12 33 00-0022 EA 1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged.....	653.02	85.51
33 12 33 00-0023 EA 2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged.....	909.59	108.37
33 12 33 00-0024 EA 3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged.....	1,184.29	177.27
33 12 33 00-0025 EA 4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged.....	1,705.28	245.48
33 12 33 00-0026 EA 6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged.....	3,454.14	361.29
33 12 33 00-0027 EA 8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged.....	4,627.90	474.18
33 12 33 00-0028 EA 10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged.....	6,391.14	574.74
33 12 33 00-0029 EA 12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged.....	7,529.06	700.15
<b>33 16 Water Utility Storage Tanks</b> <small>(33 10)</small>		
<b>33 16 13 Aboveground Water Utility Storage Tanks</b> <small>(33 16)</small>		
<b>33 16 13 13 Steel Aboveground Water Utility Storage Tanks</b> <small>(33 16 13)</small>		
See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.		
<b>33 16 16 Underground Water Utility Storage Tanks</b> <small>(33 16)</small>		
See CSI section 23 13 13 00-0000 for underground storage tanks.		
<b>33 20 Wells</b> <small>(33)</small>		
<b>33 21 Water Supply Wells</b> <small>(33 20)</small>		
<b>33 21 13 Public Water Supply Wells</b> <small>(33 21)</small>		
33 21 13 00-0001 Drill And Test Water Well <small>(33 21 13)</small>		
33 21 13 00-0002 Drill Hole <small>(33 21 13 00-0001)</small>		
Note: Excludes loading and hauling of spoils.		
33 21 13 00-0003 Mobilization And Demobilization <small>(33 21 13 00-0002)</small>		
33 21 13 00-0004 EA Up To 12" Diameter, Well Drilling Mobilization And Demobilization.....	493.94	
33 21 13 00-0005 EA >12" To 24" Diameter, Well Drilling Mobilization And Demobilization.....	600.96	
33 21 13 00-0006 EA >24" To 36" Diameter, Well Drilling Mobilization And Demobilization.....	901.44	

<b>33</b>	<b>Utilities</b>
<b>33 20</b>	<b>Wells</b>
<b>33 21</b>	<b>Water Supply Wells</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21	13 00-0007		Drill Hole In Normal Soil, Sand, Gravel, O.B. (33 21 13 00-0002)		
			Note: Excludes well casing, gravel or materials.		
	33 21	13 00-0008	LF 6" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	11.64	
			For >100 To 250, Add	0.29	
			For >250 To 400, Add	0.58	
			For >400 To 600, Add	0.87	
			For >600 To 750, Add	1.16	
			For >750, Add	1.46	
	33 21	13 00-0009	LF 8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	13.82	
			For >100 To 250, Add	0.35	
			For >250 To 400, Add	0.69	
			For >400 To 600, Add	1.04	
			For >600 To 750, Add	1.38	
			For >750, Add	1.73	
	33 21	13 00-0010	LF 10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	18.48	
			For >100 To 250, Add	0.46	
			For >250 To 400, Add	0.92	
			For >400 To 600, Add	1.39	
			For >600 To 750, Add	1.85	
			For >750, Add	2.31	
	33 21	13 00-0011	LF 12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	28.93	
			For >100 To 250, Add	0.72	
			For >250 To 400, Add	1.45	
			For >400 To 600, Add	2.17	
			For >600 To 750, Add	2.89	
			For >750, Add	3.62	
	33 21	13 00-0012	LF 14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	41.61	
			For >100 To 250, Add	1.04	
			For >250 To 400, Add	2.08	
			For >400 To 600, Add	3.12	
			For >600 To 750, Add	4.16	
			For >750, Add	5.20	
	33 21	13 00-0013	LF 16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	54.38	
			For >100 To 250, Add	1.36	
			For >250 To 400, Add	2.72	
			For >400 To 600, Add	4.08	
			For >600 To 750, Add	5.44	
			For >750, Add	6.80	
	33 21	13 00-0014	LF 18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	64.60	
			For >100 To 250, Add	1.62	
			For >250 To 400, Add	3.23	
			For >400 To 600, Add	4.85	
			For >600 To 750, Add	6.46	
			For >750, Add	8.08	
	33 21	13 00-0015	LF 20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	75.12	
			For >100 To 250, Add	1.88	
			For >250 To 400, Add	3.76	
			For >400 To 600, Add	5.63	
			For >600 To 750, Add	7.51	
			For >750, Add	9.39	
	33 21	13 00-0016	LF 22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	88.26	
			For >100 To 250, Add	2.21	
			For >250 To 400, Add	4.41	
			For >400 To 600, Add	6.62	
			For >600 To 750, Add	8.83	
			For >750, Add	11.03	
	33 21	13 00-0017	LF 24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	104.04	
			For >100 To 250, Add	2.60	
			For >250 To 400, Add	5.20	
			For >400 To 600, Add	7.80	
			For >600 To 750, Add	10.40	
			For >750, Add	13.01	
	33 21	13 00-0018	LF 26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	112.46	
			For >100 To 250, Add	2.81	
			For >250 To 400, Add	5.62	
			For >400 To 600, Add	8.43	
			For >600 To 750, Add	11.25	
			For >750, Add	14.06	
	33 21	13 00-0019	LF 28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	123.72	
			For >100 To 250, Add	3.09	
			For >250 To 400, Add	6.19	
			For >400 To 600, Add	9.28	
			For >600 To 750, Add	12.37	
			For >750, Add	15.47	
	33 21	13 00-0020	LF 30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	135.52	
			For >100 To 250, Add	3.39	
			For >250 To 400, Add	6.78	
			For >400 To 600, Add	10.16	
			For >600 To 750, Add	13.55	
			For >750, Add	16.94	
	33 21	13 00-0021	LF 36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. ....	168.57	
			For >100 To 250, Add	4.21	
			For >250 To 400, Add	8.43	
			For >400 To 600, Add	12.64	
			For >600 To 750, Add	16.86	
			For >750, Add	21.07	





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Wells</b>	<b>33 20</b>	
<b>Water Supply Wells</b>	<b>33 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 21 13 00-0022    Drill Hole In Sedimentary Rock</b> <small>(33 21 13 00-0002)</small>		
33 21 13 00-0023    LF    6" Water Well Hole Drilled In Sedimentary Rock .....	23.74	
For >100 To 250, Add	0.59	
For >250 To 400, Add	1.19	
For >400 To 600, Add	1.78	
For >600 To 750, Add	2.37	
For >750, Add	2.97	
33 21 13 00-0024    LF    8" Water Well Hole Drilled In Sedimentary Rock .....	27.65	
For >100 To 250, Add	0.69	
For >250 To 400, Add	1.38	
For >400 To 600, Add	2.07	
For >600 To 750, Add	2.77	
For >750, Add	3.46	
33 21 13 00-0025    LF    10" Water Well Hole Drilled In Sedimentary Rock .....	44.26	
For >100 To 250, Add	1.11	
For >250 To 400, Add	2.21	
For >400 To 600, Add	3.32	
For >600 To 750, Add	4.43	
For >750, Add	5.53	
33 21 13 00-0026    LF    12" Water Well Hole Drilled In Sedimentary Rock .....	57.88	
For >100 To 250, Add	1.45	
For >250 To 400, Add	2.89	
For >400 To 600, Add	4.34	
For >600 To 750, Add	5.79	
For >750, Add	7.24	
33 21 13 00-0027    LF    14" Water Well Hole Drilled In Sedimentary Rock .....	83.29	
For >100 To 250, Add	2.08	
For >250 To 400, Add	4.16	
For >400 To 600, Add	6.25	
For >600 To 750, Add	8.33	
For >750, Add	10.41	
33 21 13 00-0028    LF    16" Water Well Hole Drilled In Sedimentary Rock .....	108.71	
For >100 To 250, Add	2.72	
For >250 To 400, Add	5.44	
For >400 To 600, Add	8.15	
For >600 To 750, Add	10.87	
For >750, Add	13.59	
33 21 13 00-0029    LF    18" Water Well Hole Drilled In Sedimentary Rock .....	129.27	
For >100 To 250, Add	3.23	
For >250 To 400, Add	6.46	
For >400 To 600, Add	9.70	
For >600 To 750, Add	12.93	
For >750, Add	16.16	
33 21 13 00-0030    LF    20" Water Well Hole Drilled In Sedimentary Rock .....	150.00	
For >100 To 250, Add	3.75	
For >250 To 400, Add	7.50	
For >400 To 600, Add	11.25	
For >600 To 750, Add	15.00	
For >750, Add	18.75	
33 21 13 00-0031    LF    22" Water Well Hole Drilled In Sedimentary Rock .....	176.68	
For >100 To 250, Add	4.42	
For >250 To 400, Add	8.83	
For >400 To 600, Add	13.25	
For >600 To 750, Add	17.67	
For >750, Add	22.09	
33 21 13 00-0032    LF    24" Water Well Hole Drilled In Sedimentary Rock .....	204.09	
For >100 To 250, Add	5.10	
For >250 To 400, Add	10.20	
For >400 To 600, Add	15.31	
For >600 To 750, Add	20.41	
For >750, Add	25.51	
33 21 13 00-0033    LF    26" Water Well Hole Drilled In Sedimentary Rock .....	224.91	
For >100 To 250, Add	5.62	
For >250 To 400, Add	11.25	
For >400 To 600, Add	16.87	
For >600 To 750, Add	22.49	
For >750, Add	28.11	
33 21 13 00-0034    LF    28" Water Well Hole Drilled In Sedimentary Rock .....	247.44	
For >100 To 250, Add	6.19	
For >250 To 400, Add	12.37	
For >400 To 600, Add	18.56	
For >600 To 750, Add	24.74	
For >750, Add	30.93	
33 21 13 00-0035    LF    30" Water Well Hole Drilled In Sedimentary Rock .....	271.03	
For >100 To 250, Add	6.78	
For >250 To 400, Add	13.55	
For >400 To 600, Add	20.33	
For >600 To 750, Add	27.10	
For >750, Add	33.88	

**33 Utilities****33 20 Wells****33 21 Water Supply Wells**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21	13 00-0036	LF	36" Water Well Hole Drilled In Sedimentary Rock .....	337.14	
			For >100 To 250, Add	8.43	
			For >250 To 400, Add	16.86	
			For >400 To 600, Add	25.29	
			For >600 To 750, Add	33.71	
			For >750, Add	42.14	
<b>33 21</b>	<b>13 00-0037</b>		<b>Drill Hole In Crystalline Rock</b> (33 21 13 00-0002)		
33 21	13 00-0038	LF	6" Water Well Hole Drilled In Crystalline Rock.....	48.83	
			For >100 To 250, Add	1.22	
			For >250 To 400, Add	2.44	
			For >400 To 600, Add	3.66	
			For >600 To 750, Add	4.88	
			For >750, Add	6.10	
33 21	13 00-0039	LF	8" Water Well Hole Drilled In Crystalline Rock.....	56.34	
			For >100 To 250, Add	1.41	
			For >250 To 400, Add	2.82	
			For >400 To 600, Add	4.23	
			For >600 To 750, Add	5.63	
			For >750, Add	7.04	
33 21	13 00-0040	LF	10" Water Well Hole Drilled In Crystalline Rock.....	64.60	
			For >100 To 250, Add	1.62	
			For >250 To 400, Add	3.23	
			For >400 To 600, Add	4.85	
			For >600 To 750, Add	6.46	
			For >750, Add	8.08	
33 21	13 00-0041	LF	12" Water Well Hole Drilled In Crystalline Rock.....	81.88	
			For >100 To 250, Add	2.05	
			For >250 To 400, Add	4.09	
			For >400 To 600, Add	6.14	
			For >600 To 750, Add	8.19	
			For >750, Add	10.24	
33 21	13 00-0042	LF	14" Water Well Hole Drilled In Crystalline Rock.....	105.92	
			For >100 To 250, Add	2.65	
			For >250 To 400, Add	5.30	
			For >400 To 600, Add	7.94	
			For >600 To 750, Add	10.59	
			For >750, Add	13.24	
33 21	13 00-0043	LF	16" Water Well Hole Drilled In Crystalline Rock.....	154.00	
			For >100 To 250, Add	3.85	
			For >250 To 400, Add	7.70	
			For >400 To 600, Add	11.55	
			For >600 To 750, Add	15.40	
			For >750, Add	19.25	
33 21	13 00-0044	LF	18" Water Well Hole Drilled In Crystalline Rock.....	183.30	
			For >100 To 250, Add	4.58	
			For >250 To 400, Add	9.17	
			For >400 To 600, Add	13.75	
			For >600 To 750, Add	18.33	
			For >750, Add	22.91	
33 21	13 00-0045	LF	20" Water Well Hole Drilled In Crystalline Rock.....	212.59	
			For >100 To 250, Add	5.31	
			For >250 To 400, Add	10.63	
			For >400 To 600, Add	15.94	
			For >600 To 750, Add	21.26	
			For >750, Add	26.57	
33 21	13 00-0046	LF	22" Water Well Hole Drilled In Crystalline Rock.....	250.15	
			For >100 To 250, Add	6.25	
			For >250 To 400, Add	12.51	
			For >400 To 600, Add	18.76	
			For >600 To 750, Add	25.02	
			For >750, Add	31.27	
33 21	13 00-0047	LF	24" Water Well Hole Drilled In Crystalline Rock.....	289.21	
			For >100 To 250, Add	7.23	
			For >250 To 400, Add	14.46	
			For >400 To 600, Add	21.69	
			For >600 To 750, Add	28.92	
			For >750, Add	36.15	
<b>33 21</b>	<b>13 00-0048</b>		<b>Furnish And Install Casing</b> (33 21 13 00-0001)		
			Note: Excludes drilling of hole.		
<b>33 21</b>	<b>13 00-0049</b>		<b>Steel Well Casing</b> (33 21 13 00-0048)		
33 21	13 00-0050	LF	6" Diameter, Steel Well Casing, Flush.....	22.26	
			For >100 To 250, Deduct	-0.65	
			For >250 To 400, Deduct	-1.21	
			For >400 To 600, Deduct	-1.82	
			For >600 To 750, Deduct	-2.42	
			For >750, Deduct	-3.15	



<b>Utilities</b>	<b>33</b>	<b>33</b>
Wells	33 20	
Water Supply Wells	33 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21 13 00-0051 LF 8" Diameter, Steel Well Casing, Flush.....	27.66	
For >100 To 250, Deduct	-0.81	
For >250 To 400, Deduct	-1.50	
For >400 To 600, Deduct	-2.26	
For >600 To 750, Deduct	-3.01	
For >750, Deduct	-3.92	
33 21 13 00-0052 LF 10" Diameter, Steel Well Casing, Flush.....	41.23	
For >100 To 250, Deduct	-1.18	
For >250 To 400, Deduct	-2.21	
For >400 To 600, Deduct	-3.31	
For >600 To 750, Deduct	-4.41	
For >750, Deduct	-5.71	
33 21 13 00-0053 LF 12" Diameter, Steel Well Casing, Flush.....	69.72	
For >100 To 250, Deduct	-1.92	
For >250 To 400, Deduct	-3.66	
For >400 To 600, Deduct	-5.49	
For >600 To 750, Deduct	-7.32	
For >750, Deduct	-9.38	
33 21 13 00-0054 LF 14" Diameter, Steel Well Casing, Flush.....	77.84	
For >100 To 250, Deduct	-2.19	
For >250 To 400, Deduct	-4.14	
For >400 To 600, Deduct	-6.20	
For >600 To 750, Deduct	-8.27	
For >750, Deduct	-10.65	
33 21 13 00-0055 LF 16" Diameter, Steel Well Casing, Flush.....	91.26	
For >100 To 250, Deduct	-2.58	
For >250 To 400, Deduct	-4.86	
For >400 To 600, Deduct	-7.30	
For >600 To 750, Deduct	-9.73	
For >750, Deduct	-12.55	
33 21 13 00-0056 LF 18" Diameter, Steel Well Casing, Flush.....	103.85	
For >100 To 250, Deduct	-2.98	
For >250 To 400, Deduct	-5.57	
For >400 To 600, Deduct	-8.36	
For >600 To 750, Deduct	-11.14	
For >750, Deduct	-14.42	
33 21 13 00-0057 LF 20" Diameter, Steel Well Casing, Flush.....	118.14	
For >100 To 250, Deduct	-3.42	
For >250 To 400, Deduct	-6.37	
For >400 To 600, Deduct	-9.56	
For >600 To 750, Deduct	-12.75	
For >750, Deduct	-16.54	
33 21 13 00-0058 LF 24" Diameter, Steel Well Casing, Flush.....	138.23	
For >100 To 250, Deduct	-3.98	
For >250 To 400, Deduct	-7.44	
For >400 To 600, Deduct	-11.16	
For >600 To 750, Deduct	-14.87	
For >750, Deduct	-19.27	
33 21 13 00-0059 LB Steel Well Casing, Furnish And Install.....	0.70	
For >100 To 250, Deduct	-0.02	
For >250 To 400, Deduct	-0.04	
For >400 To 600, Deduct	-0.06	
For >600 To 750, Deduct	-0.08	
For >750, Deduct	-0.11	
<b>33 21 13 00-0060 Stainless Steel Well Casing, Flush Threaded</b> <small>(33 21 13 00-0048)</small>		
33 21 13 00-0061 LF 6" Diameter, Stainless Steel Well Casing, Flush.....	52.84	
For >100 To 250, Deduct	-1.42	
For >250 To 400, Deduct	-2.74	
For >400 To 600, Deduct	-4.11	
For >600 To 750, Deduct	-5.48	
For >750, Deduct	-6.97	
33 21 13 00-0062 LF 8" Diameter, Stainless Steel Well Casing, Flush.....	79.80	
For >100 To 250, Deduct	-2.12	
For >250 To 400, Deduct	-4.11	
For >400 To 600, Deduct	-6.17	
For >600 To 750, Deduct	-8.22	
For >750, Deduct	-10.44	
33 21 13 00-0063 LF 10" Diameter, Stainless Steel Well Casing, Flush.....	111.77	
For >100 To 250, Deduct	-2.95	
For >250 To 400, Deduct	-5.74	
For >400 To 600, Deduct	-8.62	
For >600 To 750, Deduct	-11.49	
For >750, Deduct	-14.56	
33 21 13 00-0064 LF 12" Diameter, Stainless Steel Well Casing, Flush.....	129.91	
For >100 To 250, Deduct	-3.43	
For >250 To 400, Deduct	-6.68	
For >400 To 600, Deduct	-10.02	
For >600 To 750, Deduct	-13.36	
For >750, Deduct	-16.94	

33 21 13 00-0065 Stainless Steel Well Casing, Welded Ring (33 21 13 00-0048)

**33 Utilities****33 20 Wells****33 21 Water Supply Wells**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21	13 00-0066	LF	10" Diameter, Stainless Steel Well Casing, Welded .....	116.43	
			<i>For &gt;100 To 250, Deduct</i>	-3.18	
			<i>For &gt;250 To 400, Deduct</i>	-6.09	
			<i>For &gt;400 To 600, Deduct</i>	-9.14	
			<i>For &gt;600 To 750, Deduct</i>	-12.19	
			<i>For &gt;750, Deduct</i>	-15.59	
33 21	13 00-0067	LF	12" Diameter, Stainless Steel Well Casing, Welded .....	134.97	
			<i>For &gt;100 To 250, Deduct</i>	-3.69	
			<i>For &gt;250 To 400, Deduct</i>	-7.06	
			<i>For &gt;400 To 600, Deduct</i>	-10.59	
			<i>For &gt;600 To 750, Deduct</i>	-14.12	
			<i>For &gt;750, Deduct</i>	-18.05	
33 21	13 00-0068	LF	14" Diameter, Stainless Steel Well Casing, Welded .....	162.64	
			<i>For &gt;100 To 250, Deduct</i>	-4.42	
			<i>For &gt;250 To 400, Deduct</i>	-8.48	
			<i>For &gt;400 To 600, Deduct</i>	-12.72	
			<i>For &gt;600 To 750, Deduct</i>	-16.96	
			<i>For &gt;750, Deduct</i>	-21.66	
33 21	13 00-0069	LF	16" Diameter, Stainless Steel Well Casing, Welded .....	186.27	
			<i>For &gt;100 To 250, Deduct</i>	-5.06	
			<i>For &gt;250 To 400, Deduct</i>	-9.71	
			<i>For &gt;400 To 600, Deduct</i>	-14.57	
			<i>For &gt;600 To 750, Deduct</i>	-19.42	
			<i>For &gt;750, Deduct</i>	-24.80	
33 21	13 00-0070	LF	18" Diameter, Stainless Steel Well Casing, Welded .....	205.38	
			<i>For &gt;100 To 250, Deduct</i>	-5.59	
			<i>For &gt;250 To 400, Deduct</i>	-10.73	
			<i>For &gt;400 To 600, Deduct</i>	-16.09	
			<i>For &gt;600 To 750, Deduct</i>	-21.45	
			<i>For &gt;750, Deduct</i>	-27.41	
33 21	13 00-0071	LF	20" Diameter, Stainless Steel Well Casing, Welded .....	270.13	
			<i>For &gt;100 To 250, Deduct</i>	-7.30	
			<i>For &gt;250 To 400, Deduct</i>	-14.05	
			<i>For &gt;400 To 600, Deduct</i>	-21.08	
			<i>For &gt;600 To 750, Deduct</i>	-28.10	
			<i>For &gt;750, Deduct</i>	-35.84	
33 21	13 00-0072	LF	24" Diameter, Stainless Steel Well Casing, Welded .....	356.61	
			<i>For &gt;100 To 250, Deduct</i>	-9.60	
			<i>For &gt;250 To 400, Deduct</i>	-18.51	
			<i>For &gt;400 To 600, Deduct</i>	-27.77	
			<i>For &gt;600 To 750, Deduct</i>	-37.02	
			<i>For &gt;750, Deduct</i>	-47.16	
33 21	13 00-0073		<b>Polyvinyl Chloride (PVC) Well Casing, Schedule 80</b> <small>(33 21 13 00-0048)</small>		
33 21	13 00-0074	LF	6" Polyvinyl Chloride (PVC) Well Casing .....	22.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 400, Deduct</i>	-1.20	
			<i>For &gt;400 To 600, Deduct</i>	-1.80	
			<i>For &gt;600 To 750, Deduct</i>	-2.39	
			<i>For &gt;750, Deduct</i>	-3.09	
33 21	13 00-0075	LF	8" Polyvinyl Chloride (PVC) Well Casing .....	35.56	
			<i>For &gt;100 To 250, Deduct</i>	-1.01	
			<i>For &gt;250 To 400, Deduct</i>	-1.90	
			<i>For &gt;400 To 600, Deduct</i>	-2.85	
			<i>For &gt;600 To 750, Deduct</i>	-3.80	
			<i>For &gt;750, Deduct</i>	-4.91	
33 21	13 00-0076	LF	10" Polyvinyl Chloride (PVC) Well Casing .....	53.74	
			<i>For &gt;100 To 250, Deduct</i>	-1.53	
			<i>For &gt;250 To 400, Deduct</i>	-2.87	
			<i>For &gt;400 To 600, Deduct</i>	-4.31	
			<i>For &gt;600 To 750, Deduct</i>	-5.74	
			<i>For &gt;750, Deduct</i>	-7.42	
33 21	13 00-0077	LF	12" Polyvinyl Chloride (PVC) Well Casing .....	63.38	
			<i>For &gt;100 To 250, Deduct</i>	-1.81	
			<i>For &gt;250 To 400, Deduct</i>	-3.39	
			<i>For &gt;400 To 600, Deduct</i>	-5.09	
			<i>For &gt;600 To 750, Deduct</i>	-6.79	
			<i>For &gt;750, Deduct</i>	-8.77	
33 21	13 00-0078		<b>Furnish And Install Well Screen Assembly</b> <small>(33 21 13 00-0001)</small>		
33 21	13 00-0079		<b>Stainless Steel Well Screen</b> <small>(33 21 13 00-0078)</small>		
33 21	13 00-0080	LF	2" Stainless Steel Well Screen .....	15.07	0.77
			<i>For &gt;100 To 250, Deduct</i>	-0.48	
			<i>For &gt;250 To 400, Deduct</i>	-0.85	
			<i>For &gt;400 To 600, Deduct</i>	-1.28	
			<i>For &gt;600 To 750, Deduct</i>	-1.71	
			<i>For &gt;750, Deduct</i>	-2.26	
33 21	13 00-0081	LF	3" Stainless Steel Well Screen .....	24.93	0.77
			<i>For &gt;100 To 250, Deduct</i>	-0.73	
			<i>For &gt;250 To 400, Deduct</i>	-1.35	
			<i>For &gt;400 To 600, Deduct</i>	-2.03	
			<i>For &gt;600 To 750, Deduct</i>	-2.71	
			<i>For &gt;750, Deduct</i>	-3.53	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Wells</b>	<b>33 20</b>	
<b>Water Supply Wells</b>	<b>33 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21 13 00-0082 LF 4" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	31.30 -0.92 -1.70 -2.55 -3.40 -4.43	1.17
33 21 13 00-0083 LF 5" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	39.77 -1.16 -2.15 -3.23 -4.30 -5.59	1.17
33 21 13 00-0084 LF 6" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	47.27 -1.40 -2.58 -3.87 -5.16 -6.73	1.56
33 21 13 00-0085 LF 8" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	61.81 -1.82 -3.37 -5.05 -6.73 -8.78	1.94
33 21 13 00-0086 LF 10" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	77.98 -2.32 -4.27 -6.41 -8.54 -11.17	3.11
33 21 13 00-0087 LF 12" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	91.52 -2.72 -5.01 -7.52 -10.02 -13.10	3.89
33 21 13 00-0088 LF 14" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	100.00 -3.00 -5.50 -8.25 -11.00 -14.41	4.28
33 21 13 00-0089 LF 16" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	107.82 -3.26 -5.95 -8.93 -11.91 -15.62	5.06
33 21 13 00-0090 LF 18" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	129.06 -3.92 -7.15 -10.72 -14.30 -18.77	5.83
33 21 13 00-0091 LF 20" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	162.85 -4.94 -9.02 -13.52 -18.03 -23.67	7.39
33 21 13 00-0092 LF 24" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	211.01 -6.42 -11.69 -17.54 -23.39 -30.72	9.73
33 21 13 00-0093 LF 26" Stainless Steel Well Screen..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	243.78 -7.39 -13.49 -20.23 -26.97 -35.40	11.29
<b>33 21 13 00-0094 Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40</b> <small>(33 21 13 00-0078)</small>		
33 21 13 00-0095 LF 1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	7.00 -0.25 -0.43 -0.64 -0.86 -1.18 1.54	

**33 Utilities****33 20 Wells****33 21 Water Supply Wells**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21 13 00-0096 LF 1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen .....	7.97	
For >100 To 250, Deduct	-0.28	
For >250 To 400, Deduct	-0.48	
For >400 To 600, Deduct	-0.72	
For >600 To 750, Deduct	-0.97	
For >750, Deduct	-1.32	
For Schedule 80, Add	1.84	
33 21 13 00-0097 LF 2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	11.40	
For >100 To 250, Deduct	-0.44	
For >250 To 400, Deduct	-0.72	
For >400 To 600, Deduct	-1.08	
For >600 To 750, Deduct	-1.44	
For >750, Deduct	-2.00	
For Schedule 80, Add	2.15	
33 21 13 00-0098 LF 3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	16.48	
For >100 To 250, Deduct	-0.57	
For >250 To 400, Deduct	-0.99	
For >400 To 600, Deduct	-1.48	
For >600 To 750, Deduct	-1.97	
For >750, Deduct	-2.68	
For Schedule 80, Add	3.99	
33 21 13 00-0099 LF 4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	20.73	
For >100 To 250, Deduct	-0.72	
For >250 To 400, Deduct	-1.24	
For >400 To 600, Deduct	-1.86	
For >600 To 750, Deduct	-2.48	
For >750, Deduct	-3.37	
For Schedule 80, Add	5.00	
33 21 13 00-0100 LF 5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	25.91	
For >100 To 250, Deduct	-0.89	
For >250 To 400, Deduct	-1.54	
For >400 To 600, Deduct	-2.31	
For >600 To 750, Deduct	-3.08	
For >750, Deduct	-4.17	
For Schedule 80, Add	6.44	
33 21 13 00-0101 LF 6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	28.79	
For >100 To 250, Deduct	-1.05	
For >250 To 400, Deduct	-1.77	
For >400 To 600, Deduct	-2.65	
For >600 To 750, Deduct	-3.53	
For >750, Deduct	-4.84	
For Schedule 80, Add	6.29	
33 21 13 00-0102 LF 8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen.....	41.26	
For >100 To 250, Deduct	-1.45	
For >250 To 400, Deduct	-2.48	
For >400 To 600, Deduct	-3.72	
For >600 To 750, Deduct	-4.96	
For >750, Deduct	-6.74	
For Schedule 80, Add	9.82	
<b>33 21 13 00-0103 Furnish And Install Gravel Pack Material</b> <sup>(33 21 13 00-0001)</sup>		
Note: Quantity is based on 3" space between wall and the casing or well screen.		
<b>33 21 13 00-0104 Artificial Gravel Pack</b> <sup>(33 21 13 00-0103)</sup>		
Note: Excludes casing.		
33 21 13 00-0105 LF Artificial Gravel Pack, 6" Casing, 2" Screen.....	7.25	
For >100 To 250, Deduct	-0.29	
For >250 To 400, Deduct	-0.47	
For >400 To 600, Deduct	-0.71	
For >600 To 750, Deduct	-0.95	
For >750, Deduct	-1.33	
33 21 13 00-0106 LF Artificial Gravel Pack, 8" Casing, 2" Screen.....	10.80	
For >100 To 250, Deduct	-0.45	
For >250 To 400, Deduct	-0.72	
For >400 To 600, Deduct	-1.07	
For >600 To 750, Deduct	-1.43	
For >750, Deduct	-2.02	
33 21 13 00-0107 LF Artificial Gravel Pack, 10" Casing, 2" Screen.....	15.23	
For >100 To 250, Deduct	-0.64	
For >250 To 400, Deduct	-1.02	
For >400 To 600, Deduct	-1.53	
For >600 To 750, Deduct	-2.05	
For >750, Deduct	-2.90	
33 21 13 00-0108 LF Artificial Gravel Pack, 12" Casing, 2" Screen.....	19.41	
For >100 To 250, Deduct	-0.81	
For >250 To 400, Deduct	-1.29	
For >400 To 600, Deduct	-1.94	
For >600 To 750, Deduct	-2.59	
For >750, Deduct	-3.66	
33 21 13 00-0109 LF Artificial Gravel Pack, 14" Casing, 2" Screen.....	23.81	
For >100 To 250, Deduct	-0.98	
For >250 To 400, Deduct	-1.58	
For >400 To 600, Deduct	-2.37	
For >600 To 750, Deduct	-3.16	
For >750, Deduct	-4.45	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
Wells	33 20	
Water Supply Wells	33 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21 13 00-0110 LF Artificial Gravel Pack, 16" Casing, 2" Screen.....	30.59	
For >100 To 250, Deduct	-1.24	
For >250 To 400, Deduct	-2.01	
For >400 To 600, Deduct	-3.01	
For >600 To 750, Deduct	-4.02	
For >750, Deduct	-5.64	
33 21 13 00-0111 LF Artificial Gravel Pack, 18" Casing, 2" Screen.....	34.99	
For >100 To 250, Deduct	-1.42	
For >250 To 400, Deduct	-2.29	
For >400 To 600, Deduct	-3.44	
For >600 To 750, Deduct	-4.58	
For >750, Deduct	-6.43	
33 21 13 00-0112 LF Artificial Gravel Pack, 20" Casing, 2" Screen.....	41.74	
For >100 To 250, Deduct	-1.70	
For >250 To 400, Deduct	-2.75	
For >400 To 600, Deduct	-4.12	
For >600 To 750, Deduct	-5.49	
For >750, Deduct	-7.72	
33 21 13 00-0113 LF Artificial Gravel Pack, 24" Casing, 2" Screen.....	47.33	
For >100 To 250, Deduct	-1.94	
For >250 To 400, Deduct	-3.12	
For >400 To 600, Deduct	-4.69	
For >600 To 750, Deduct	-6.25	
For >750, Deduct	-8.79	
33 21 13 00-0114 LF Artificial Gravel Pack, 26" Casing, 2" Screen.....	50.75	
For >100 To 250, Deduct	-2.06	
For >250 To 400, Deduct	-3.33	
For >400 To 600, Deduct	-4.99	
For >600 To 750, Deduct	-6.66	
For >750, Deduct	-9.35	
33 21 13 00-0115 LF Artificial Gravel Pack, 30" Casing, 2" Screen.....	60.82	
For >100 To 250, Deduct	-2.49	
For >250 To 400, Deduct	-4.01	
For >400 To 600, Deduct	-6.02	
For >600 To 750, Deduct	-8.03	
For >750, Deduct	-11.30	
33 21 13 00-0116 LF Artificial Gravel Pack, 36" Casing, 2" Screen.....	70.98	
For >100 To 250, Deduct	-2.96	
For >250 To 400, Deduct	-4.74	
For >400 To 600, Deduct	-7.10	
For >600 To 750, Deduct	-9.47	
For >750, Deduct	-13.38	
<b>33 21 13 00-0117 Develop Well</b> <small>(33 21 13 00-0001)</small>		
Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.		
33 21 13 00-0118 HR Develop Well.....	216.38	
<b>33 21 13 00-0119 Pump Test</b> <small>(33 21 13 00-0001)</small>		
Note: To determine water level and GPM flow rate.		
33 21 13 00-0120 HR Pump Test Well .....	191.01	
<b>33 21 13 00-0121 Test Well</b> <small>(33 21 13 00-0001)</small>		
33 21 13 00-0122 VLF 2-1/2" Diameter Test Well.....	50.31	
<b>33 21 13 00-0123 Surface Seal, Concrete Filled</b> <small>(33 21 13)</small>		
33 21 13 00-0124 SF Surface Seal Well, Concrete Filled .....	17.24	
<b>33 21 13 00-0125 Other Water Well</b> <small>(33 21 13)</small>		
33 21 13 00-0126 SF Patch Hole In Well Casing .....	43.39	
33 21 13 00-0127 SF 1/2" Pressure Grout Well .....	1.31	
33 21 13 00-0128 SF 1" Pressure Grout Well .....	2.19	
33 21 13 00-0129 CF Sediment Removal In Well Casing For Existing Well.....	2.43	
<b>33 21 13 00-0130 Sterilization Of Well</b> <small>(33 21 13)</small>		
33 21 13 00-0131 EA Well Sterilization, Chlorine .....	824.59	
<b>33 21 13 00-0132 Submersible Well Pumps</b> <small>(33 21 13)</small>		
Note: Includes pump end, motor and control box.		
<b>33 21 13 00-0133 4" Submersible Well Pumps</b> <small>(33 21 13 00-0132)</small>		
<b>33 21 13 00-0134 Powder Coated Case And Cast Iron Ends</b> <small>(33 21 13 00-0133)</small>		
33 21 13 00-0135 EA 1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	925.29	255.04
33 21 13 00-0136 EA 3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,060.43	282.69
33 21 13 00-0137 EA 1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,176.40	314.09

<b>33</b>	<b>33 Utilities</b>
	<b>33 20 Wells</b>
	<b>33 21 Water Supply Wells</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**33 21 13 00-0138 Stainless Steel Case And Ends** (33 21 13 00-0133)

33 21 13 00-0139	EA		1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,090.32	251.27
33 21 13 00-0140	EA		3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,249.21	282.69
33 21 13 00-0141	EA		1 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,404.72	314.09
33 21 13 00-0142	EA		1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,630.29	345.51
33 21 13 00-0143	EA		2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,866.05	376.92
33 21 13 00-0144	EA		3 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	2,330.78	439.74
33 21 13 00-0145	EA		5 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	3,006.87	502.56

**33 21 13 00-0146 6" Submersible Well Pumps** (33 21 13 00-0132)

33 21 13 00-0147	EA		5 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	2,716.74	628.20
33 21 13 00-0148	EA		7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	3,182.52	691.01
33 21 13 00-0149	EA		10 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	3,669.93	753.83
33 21 13 00-0150	EA		15 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	4,731.63	879.47

**33 26 Relief Wells** (33 20)

**33 26 00 00-0001 Drainage Wells** (33 26)

33 26 00 00-0002	LF		12" Diameter Drainage Well With Corrugated Metal Liner .....	14.71	
33 26 00 00-0003	LF		18" Diameter Drainage Well With Corrugated Metal Liner .....	18.17	
33 26 00 00-0004	LF		24" Diameter Drainage Well With Corrugated Metal Liner .....	24.61	

**33 30 Sanitary Sewerage Utilities** (33)

**33 31 Sanitary Utility Sewerage Piping** (33 30)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

**33 31 00 00-0001 Cast Iron Service Saddles With U Bolt** (33 31)

33 31 00 00-0002	EA		2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	64.23	
33 31 00 00-0003	EA		3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	64.66	
33 31 00 00-0004	EA		3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	70.99	
33 31 00 00-0005	EA		4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	69.04	
33 31 00 00-0006	EA		4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt .....	78.33	
33 31 00 00-0007	EA		4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt .....	88.71	
33 31 00 00-0008	EA		4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt .....	105.32	
33 31 00 00-0009	EA		6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt .....	89.97	
33 31 00 00-0010	EA		6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt .....	95.83	
33 31 00 00-0011	EA		6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt .....	113.19	
33 31 00 00-0012	EA		2" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	97.69	
33 31 00 00-0013	EA		4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	71.49	
33 31 00 00-0014	EA		4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	77.81	
33 31 00 00-0015	EA		4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt .....	94.43	
33 31 00 00-0016	EA		4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt .....	112.35	
33 31 00 00-0017	EA		6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt .....	121.94	

**33 31 00 00-0018 Plastic Sewer And Drain Piping** (33 31)

**33 31 00 00-0019 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe** (33 31 00 00-0018)

33 31 00 00-0020	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	3.14	1.80
33 31 00 00-0021	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	3.83	2.19
33 31 00 00-0022	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	5.84	3.11
33 31 00 00-0023	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	6.77	3.39
33 31 00 00-0024	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	9.45	4.37
33 31 00 00-0025	LF		8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	13.27	5.85
33 31 00 00-0026	LF		10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	19.21	7.76

**33 31 00 00-0027 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe** (33 31 00 00-0018)

Note: D-2729 PVC pipe.

33 31 00 00-0028	LF		3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	5.95	3.53
33 31 00 00-0029	LF		4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	7.44	4.46
33 31 00 00-0030	LF		6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	11.54	6.69

**33 31 00 00-0031 Polyvinyl Chloride (PVC) Sewer And Drain Fittings** (33 31 00 00-0018)

**33 31 00 00-0032 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** (33 31 00 00-0031)

33 31 00 00-0033	EA		1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	11.64	7.27
33 31 00 00-0034	EA		2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	15.00	9.41
33 31 00 00-0035	EA		3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	21.83	12.63
33 31 00 00-0036	EA		4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	27.93	14.61
33 31 00 00-0037	EA		6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	65.28	18.98
33 31 00 00-0038	EA		8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	101.31	25.54





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0039 EA 10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	134.13	34.02
<b>33 31 00 00-0040 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0041 EA 1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	11.81	7.27
33 31 00 00-0042 EA 2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	14.98	9.41
33 31 00 00-0043 EA 3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	21.58	12.63
33 31 00 00-0044 EA 4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.70	14.61
33 31 00 00-0045 EA 6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	62.17	18.98
33 31 00 00-0046 EA 8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	94.07	25.54
33 31 00 00-0047 EA 10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	112.85	34.02
<b>33 31 00 00-0048 Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0049 EA 1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	13.53	7.16
33 31 00 00-0050 EA 2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	16.16	9.41
33 31 00 00-0051 EA 3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.25	12.91
33 31 00 00-0052 EA 4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	35.15	15.75
33 31 00 00-0053 EA 6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	53.44	18.21
33 31 00 00-0054 EA 8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	80.23	20.78
33 31 00 00-0055 EA 10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	119.21	24.23
<b>33 31 00 00-0056 1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0057 EA 1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	12.17	7.27
33 31 00 00-0058 EA 2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	15.34	9.41
33 31 00 00-0059 EA 3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	22.62	12.63
33 31 00 00-0060 EA 4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	28.63	14.61
33 31 00 00-0061 EA 6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	75.64	18.98
33 31 00 00-0062 EA 8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	116.38	25.54
33 31 00 00-0063 EA 10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	137.57	34.02
<b>33 31 00 00-0064 Reducers, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0065 EA 2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	15.53	9.41
33 31 00 00-0066 EA 3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	24.01	12.91
33 31 00 00-0067 EA 3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	23.26	12.91
33 31 00 00-0068 EA 4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	29.52	14.61
33 31 00 00-0069 EA 4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	29.87	14.61
33 31 00 00-0070 EA 6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	60.91	18.98
33 31 00 00-0071 EA 8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	107.12	22.42
33 31 00 00-0072 EA 10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	85.74	40.53
33 31 00 00-0073 EA 10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	99.72	40.53
33 31 00 00-0074 EA 10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	94.19	40.53
<b>33 31 00 00-0075 Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0076 EA 1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	17.76	11.00
33 31 00 00-0077 EA 2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	23.14	14.22
33 31 00 00-0078 EA 3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	33.08	18.76
33 31 00 00-0079 EA 4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	44.30	23.30
33 31 00 00-0080 EA 6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	92.86	25.54
33 31 00 00-0081 EA 8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	121.59	34.02
<b>33 31 00 00-0082 Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0083 EA 1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	19.06	11.00
33 31 00 00-0084 EA 2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	23.89	14.22
33 31 00 00-0085 EA 3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	34.05	18.76
33 31 00 00-0086 EA 4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	45.87	23.30
33 31 00 00-0087 EA 6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	86.97	25.54
33 31 00 00-0088 EA 8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	110.40	34.02
33 31 00 00-0089 EA 10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	145.95	45.40
<b>33 31 00 00-0090 Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0091 EA 2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	21.08	11.00
33 31 00 00-0092 EA 2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.86	14.22
33 31 00 00-0093 EA 3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	32.71	18.76
33 31 00 00-0094 EA 4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	43.72	23.30
33 31 00 00-0095 EA 4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	45.19	23.30
<b>33 31 00 00-0096 Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 00 00-0031)</b>		
33 31 00 00-0097 EA 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.79	14.22
33 31 00 00-0098 EA 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	35.24	18.76
33 31 00 00-0099 EA 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	56.24	25.32
33 31 00 00-0100 EA 4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	83.00	30.63
33 31 00 00-0101 EA 2" x 2" x 1-1/2" x 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	34.63	18.76

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 31 Sanitary Utility Sewerage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0102 EA 3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	51.57	25.32
33 31 00 00-0103 EA 4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	75.29	30.63
<b>33 31 00 00-0104 Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0105 EA 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	20.67	11.00
33 31 00 00-0106 EA 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.40	14.22
33 31 00 00-0107 EA 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	41.61	18.76
33 31 00 00-0108 EA 4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	62.83	23.30
33 31 00 00-0109 EA 2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	31.88	14.22
33 31 00 00-0110 EA 3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	46.57	18.76
33 31 00 00-0111 EA 3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	39.67	18.76
33 31 00 00-0112 EA 4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	60.50	23.30
33 31 00 00-0113 EA 4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	62.63	23.30
<b>33 31 00 00-0114 Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0115 EA 1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	28.04	14.22
33 31 00 00-0116 EA 2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	35.38	18.76
33 31 00 00-0117 EA 3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	50.50	25.32
33 31 00 00-0118 EA 4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	112.00	30.63
33 31 00 00-0119 EA 6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	290.64	33.92
<b>33 31 00 00-0120 Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0121 EA 4" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain .....	124.78	55.93
33 31 00 00-0122 EA 6" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain .....	226.99	72.14
33 31 00 00-0123 EA 8" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain .....	300.43	101.67
33 31 00 00-0124 EA 10" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain .....	441.46	163.55
<b>33 31 00 00-0125 Couplings, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0126 EA 1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	11.57	7.27
33 31 00 00-0127 EA 2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	14.71	9.35
33 31 00 00-0128 EA 3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	20.63	12.52
33 31 00 00-0129 EA 4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	24.86	14.61
33 31 00 00-0130 EA 6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	44.92	18.98
33 31 00 00-0131 EA 8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	85.75	25.54
33 31 00 00-0132 EA 10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	124.60	34.02
<b>33 31 00 00-0133 Adapters, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0134 EA 4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting.....	69.44	43.50
33 31 00 00-0135 EA 2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting .....	51.01	33.09
33 31 00 00-0136 EA 2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting .....	51.62	33.09
33 31 00 00-0137 EA 3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting .....	53.26	33.09
33 31 00 00-0138 EA 4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	69.89	43.50
33 31 00 00-0139 EA 4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting .....	68.58	43.50
33 31 00 00-0140 EA 4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting .....	66.43	43.50
33 31 00 00-0141 EA 4" Drain Grate, Drain And Sewer Fitting .....	35.10	22.37
<b>33 31 00 00-0142 Caps, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0143 EA 3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	15.50	7.82
33 31 00 00-0144 EA 4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	23.08	9.74
33 31 00 00-0145 EA 6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	39.17	12.58
<b>33 31 00 00-0146 Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 00 00-0031)</small>		
33 31 00 00-0147 EA 1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	11.67	7.27
33 31 00 00-0148 EA 2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	15.11	9.41
33 31 00 00-0149 EA 3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	21.41	12.63
33 31 00 00-0150 EA 4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.55	14.61
33 31 00 00-0151 EA 6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	40.81	18.98
33 31 00 00-0152 EA 8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	117.63	25.54
<b>33 31 00 00-0153 Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 31 00 00-0018)</small>		
Note: ASTM 3034.		
33 31 00 00-0154 LF 4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	6.52	2.48
33 31 00 00-0155 LF 6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	9.05	2.68
33 31 00 00-0156 LF 8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	13.01	3.17
33 31 00 00-0157 LF 10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	17.79	3.74
33 31 00 00-0158 LF 12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	22.74	3.85
33 31 00 00-0159 LF 15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	35.06	6.35
33 31 00 00-0160 LF 18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	47.46	8.15
33 31 00 00-0161 LF 21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	62.57	9.52



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>	
<b>Sanitary Utility Sewerage Piping</b>	<b>33 31</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0162 LF 24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	76.62	10.88
33 31 00 00-0163 LF 27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe .....	94.19	12.23
<b>33 31 00 00-0164 Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe (33 31 00 00-0018)</b>		
Note: ASTM 3034.		
33 31 00 00-0165 LF 4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	5.51	2.48
33 31 00 00-0166 LF 6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	7.26	2.68
33 31 00 00-0167 LF 8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	10.10	3.17
<b>33 31 00 00-0168 Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings (33 31 00 00-0018)</b>		
Note: ASTM 3034.		
<b>33 31 00 00-0169 1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 00 00-0168)</b>		
33 31 00 00-0170 EA 4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	38.91	12.80
33 31 00 00-0171 EA 6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	57.13	14.89
33 31 00 00-0172 EA 8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	117.68	16.87
33 31 00 00-0173 EA 10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	333.79	19.84
33 31 00 00-0174 EA 12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	431.29	25.30
<b>33 31 00 00-0175 1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 00 00-0168)</b>		
33 31 00 00-0176 EA 4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	35.29	12.80
33 31 00 00-0177 EA 6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	53.15	14.89
33 31 00 00-0178 EA 8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	107.61	16.87
33 31 00 00-0179 EA 10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	238.97	19.84
33 31 00 00-0180 EA 12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	341.14	25.30
33 31 00 00-0181 EA 15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	728.97	35.73
33 31 00 00-0182 EA 18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,155.80	50.61
33 31 00 00-0183 EA 21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,926.25	66.99
33 31 00 00-0184 EA 24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,626.21	89.31
<b>33 31 00 00-0185 Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 00 00-0168)</b>		
33 31 00 00-0186 EA 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	58.89	19.21
33 31 00 00-0187 EA 6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	93.64	21.28
33 31 00 00-0188 EA 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	105.05	22.33
33 31 00 00-0189 EA 8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	115.81	23.37
33 31 00 00-0190 EA 8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	132.35	24.41
33 31 00 00-0191 EA 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	250.97	25.46
33 31 00 00-0192 EA 10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	320.69	26.05
33 31 00 00-0193 EA 10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	363.19	27.29
33 31 00 00-0194 EA 10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	534.89	28.33
33 31 00 00-0195 EA 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	696.34	29.77
33 31 00 00-0196 EA 12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	394.54	31.71
33 31 00 00-0197 EA 12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	418.73	32.75
33 31 00 00-0198 EA 12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	595.99	33.79
33 31 00 00-0199 EA 12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	858.07	35.23
33 31 00 00-0200 EA 12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	966.80	37.96
<b>33 31 00 00-0201 Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 00 00-0168)</b>		
33 31 00 00-0202 EA 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	56.08	19.21
33 31 00 00-0203 EA 6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	84.30	21.28
33 31 00 00-0204 EA 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	92.50	22.33
33 31 00 00-0205 EA 8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	111.80	23.37
33 31 00 00-0206 EA 8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	127.57	24.41
33 31 00 00-0207 EA 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	193.89	25.46
33 31 00 00-0208 EA 10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	293.61	26.25
33 31 00 00-0209 EA 10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	299.56	27.29
33 31 00 00-0210 EA 10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	449.21	28.33
33 31 00 00-0211 EA 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	496.90	29.77
33 31 00 00-0212 EA 12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	371.93	31.71
33 31 00 00-0213 EA 12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	383.61	32.75
33 31 00 00-0214 EA 12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	547.84	33.79
33 31 00 00-0215 EA 12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	659.49	35.23
33 31 00 00-0216 EA 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	688.73	37.96
33 31 00 00-0217 EA 15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	848.65	45.66
33 31 00 00-0218 EA 15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	941.26	48.38
33 31 00 00-0219 EA 15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,176.02	53.59
<b>33 31 00 00-0220 Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) (33 31 00 00-0168)</b>		
33 31 00 00-0221 EA 4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	38.59	12.80
33 31 00 00-0222 EA 6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	59.27	14.89
33 31 00 00-0223 EA 8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	86.80	16.97
33 31 00 00-0224 EA 10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	162.96	19.84
33 31 00 00-0225 EA 12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	230.89	25.30
33 31 00 00-0226 EA 15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	449.98	35.73
33 31 00 00-0227 EA 18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	844.39	50.61

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 31 Sanitary Utility Sewerage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0228 EA 21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,406.94	66.99
33 31 00 00-0229 EA 24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,035.82	89.31
<b>33 31 00 00-0230</b> <b>Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 00 00-0168)</small>		
33 31 00 00-0231 EA 6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	72.60	13.85
33 31 00 00-0232 EA 8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	103.44	14.89
33 31 00 00-0233 EA 8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	109.11	15.92
33 31 00 00-0234 EA 10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	243.59	17.36
33 31 00 00-0235 EA 10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	279.76	18.41
33 31 00 00-0236 EA 12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	312.54	20.10
33 31 00 00-0237 EA 12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	358.49	21.14
33 31 00 00-0238 EA 12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	410.84	22.58
33 31 00 00-0239 EA 15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	618.15	30.52
<b>33 31 00 00-0240</b> <b>Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 00 00-0168)</small>		
33 31 00 00-0241 EA 6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	60.48	
33 31 00 00-0242 EA 8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	79.67	
33 31 00 00-0243 EA 8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	81.40	
33 31 00 00-0244 EA 10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	133.70	
33 31 00 00-0245 EA 10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	140.94	
33 31 00 00-0246 EA 10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	265.54	
33 31 00 00-0247 EA 12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	152.47	
33 31 00 00-0248 EA 12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	166.05	
33 31 00 00-0249 EA 12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	367.21	
33 31 00 00-0250 EA 12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	432.58	
33 31 00 00-0251 EA 15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	175.76	
33 31 00 00-0252 EA 15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	187.61	
<b>33 31 00 00-0253</b> <b>Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 00 00-0168)</small>		
33 31 00 00-0254 EA 6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	64.53	
33 31 00 00-0255 EA 8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	79.67	
33 31 00 00-0256 EA 8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	86.92	
33 31 00 00-0257 EA 10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	122.96	
33 31 00 00-0258 EA 10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	140.07	
33 31 00 00-0259 EA 10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	211.46	
33 31 00 00-0260 EA 12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	151.61	
33 31 00 00-0261 EA 12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	165.23	
33 31 00 00-0262 EA 12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	246.12	
33 31 00 00-0263 EA 12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	298.91	
33 31 00 00-0264 EA 15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	175.23	
33 31 00 00-0265 EA 15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	183.60	
33 31 00 00-0266 EA 15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	303.20	
33 31 00 00-0267 EA 15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	335.06	
33 31 00 00-0268 EA 15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	471.99	
<b>33 31 00 00-0269</b> <b>Caps, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 00 00-0168)</small>		
33 31 00 00-0270 EA 4" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	19.44	
33 31 00 00-0271 EA 6" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	29.31	
33 31 00 00-0272 EA 8" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	60.50	
33 31 00 00-0273 EA 10" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	160.02	
33 31 00 00-0274 EA 12" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	234.16	
<b>33 31 00 00-0275</b> <b>Drain And Sewer Pipe - Bell And Spigot</b> <small>(33 31)</small>		
Note: ASTM D2672.		
<b>33 31 00 00-0276</b> <b>Precast Cleanout Assembly</b> <small>(33 31 00 00-0275)</small>		
33 31 00 00-0277 EA 4" x 4" Precast Cleanout Block For SDR-35 Pipe.....	146.10	43.37
For Pipe Extension and Cleanout, Add	52.35	
33 31 00 00-0278 EA 6" x 4" Precast Cleanout Block For SDR-35 Pipe.....	167.95	55.77
For Pipe Extension and Cleanout, Add	57.31	
33 31 00 00-0279 EA 6" x 6" Precast Cleanout Block For SDR-35 Pipe.....	189.20	55.77
For Pipe Extension and Cleanout, Add	57.31	
33 31 00 00-0280 EA 8" x 4" Precast Cleanout Block For SDR-35 Pipe.....	207.20	61.96
For Pipe Extension and Cleanout, Add	59.78	
<b>33 31 00 00-0281</b> <b>Couplings And Plug Fittings</b> <small>(33 31)</small>		
<b>33 31 00 00-0282</b> <b>Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings</b> <small>(33 31 00 00-0281)</small>		
Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps. Fernco 1056.		
33 31 00 00-0283 EA 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	11.87	4.12
33 31 00 00-0284 EA 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	12.97	4.81
33 31 00 00-0285 EA 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	15.06	5.49



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>	
<b>Sanitary Utility Sewerage Piping</b>	<b>33 31</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0286 EA 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	17.12	5.84
33 31 00 00-0287 EA 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	21.12	6.18
33 31 00 00-0288 EA 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	25.15	6.87
33 31 00 00-0289 EA 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	32.28	7.55
33 31 00 00-0290 EA 10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	40.13	7.89
33 31 00 00-0291 EA 12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	79.90	8.24
33 31 00 00-0292 EA 15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	110.73	8.92
33 31 00 00-0293 EA 18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	219.49	9.27
33 31 00 00-0294 EA 21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	255.80	9.79
33 31 00 00-0295 EA 24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	283.83	10.30
33 31 00 00-0296 EA 27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	340.81	10.98
<b>33 31 00 00-0297 Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings</b> <small>(33 31 00 00-0281)</small>		
Note: For ductile iron or asbestos cement fiber to ductile iron or asbestos cement fiber (AC/DI to AC/DI). Includes stainless steel clamps. Fernco 1055.		
33 31 00 00-0298 EA 4" x 4" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	24.64	
33 31 00 00-0299 EA 5" x 4" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	36.94	
33 31 00 00-0300 EA 5" x 5" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	34.47	
33 31 00 00-0301 EA 6" x 4" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	45.36	
33 31 00 00-0302 EA 6" x 5" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	47.94	
33 31 00 00-0303 EA 6" x 6" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	42.81	
33 31 00 00-0304 EA 8" x 6" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	66.82	
33 31 00 00-0305 EA 8" x 8" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	59.19	
33 31 00 00-0306 EA 10" x 8" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	85.03	
33 31 00 00-0307 EA 10" x 10" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	76.17	
33 31 00 00-0308 EA 12" x 10" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	103.55	
33 31 00 00-0309 EA 12" x 12" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	89.09	
33 31 00 00-0310 EA 16" x 15" Ductile Iron Or Asbestos Cement Fiber To Ductile Iron Or Asbestos Cement Fiber, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	148.50	
<b>33 36 Utility Septic Tanks</b> <small>(33 30)</small>		
Note: Excludes distribution field piping, trenching or excavation.		
<b>33 36 13 Utility Septic Tank And Effluent Wet Wells</b> <small>(33 36)</small>		
<b>33 36 13 00-0001 Septic Tank</b> <small>(33 36 13)</small>		
Note: Excludes excavation or piping.		
<b>33 36 13 00-0002 Precast Concrete Septic Tank</b> <small>(33 36 13 00-0001)</small>		
Note: Includes external coating.		
33 36 13 00-0003 EA 1,000 Gallon Precast Septic Tank.....	2,086.03	376.92
<i>For Non-Traffic Rated, Deduct</i>		
	-405.79	
33 36 13 00-0004 EA 1,250 Gallon Precast Septic Tank.....	2,509.16	416.05
<i>For Non-Traffic Rated, Deduct</i>		
	-499.59	
33 36 13 00-0005 EA 1,500 Gallon Precast Septic Tank.....	2,915.87	455.13
<i>For Non-Traffic Rated, Deduct</i>		
	-589.27	
33 36 13 00-0006 EA 2,000 Gallon Precast Septic Tank.....	3,748.11	494.70
<i>For Non-Traffic Rated, Deduct</i>		
	-785.62	
33 36 13 00-0007 EA 2,500 Gallon Precast Septic Tank.....	4,460.58	683.17
<i>For Non-Traffic Rated, Deduct</i>		
	-906.18	
33 36 13 00-0008 EA 4,000 Gallon Precast Septic Tank.....	11,912.47	942.29
<i>For Non-Traffic Rated, Deduct</i>		
	-2,689.15	
33 36 13 00-0009 EA 5,000 Gallon Precast Septic Tank.....	21,679.39	1,413.43
<i>For Non-Traffic Rated, Deduct</i>		
	-4,987.63	
33 36 13 00-0010 EA 7,500 Gallon Precast Septic Tank.....	24,285.48	1,978.81
<i>For Non-Traffic Rated, Deduct</i>		
	-5,469.35	
33 36 13 00-0011 EA 10,000 Gallon Precast Septic Tank.....	29,781.81	2,367.54
<i>For Non-Traffic Rated, Deduct</i>		
	-6,723.03	
33 36 13 00-0012 EA 12,500 Gallon Precast Septic Tank.....	35,184.05	2,932.91
<i>For Non-Traffic Rated, Deduct</i>		
	-7,892.98	
<b>33 36 13 00-0013 High Density Polyethylene Septic Tank</b> <small>(33 36 13 00-0001)</small>		
33 36 13 00-0014 EA 300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank.....	677.12	123.92
33 36 13 00-0015 EA 500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,037.35	139.41
33 36 13 00-0016 EA 900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,439.95	170.39
33 36 13 00-0017 EA 1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,479.79	185.88

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 36 Utility Septic Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 36 13 00-0018 EA 1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,713.38	201.37
33 36 13 00-0019 EA 1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	2,053.34	216.86
33 36 13 00-0020 EA 750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,448.22	154.90
33 36 13 00-0021 EA 1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,581.10	185.88
33 36 13 00-0022 EA 1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	1,857.74	201.37
33 36 13 00-0023 EA 1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank.....	2,179.98	216.86
<b>33 36 13 00-0024 Fiberglass Septic Tank (33 36 13 00-0001)</b>		
33 36 13 00-0025 EA 1,000 Gallon Fiberglass Septic Tank.....	927.32	282.69
33 36 13 00-0026 EA 1,250 Gallon Fiberglass Septic Tank.....	1,174.44	376.92
33 36 13 00-0027 EA 1,500 Gallon Fiberglass Septic Tank.....	1,249.93	341.62
33 36 13 00-0028 EA 2,000 Gallon Fiberglass Septic Tank.....	1,556.68	369.82
33 36 13 00-0029 EA 2,500 Gallon Fiberglass Septic Tank.....	1,905.47	512.61
33 36 13 00-0030 EA 4,000 Gallon Fiberglass Septic Tank.....	4,611.59	706.72
33 36 13 00-0031 EA 5,000 Gallon Fiberglass Septic Tank.....	8,234.77	1,060.08
33 36 13 00-0032 EA 7,500 Gallon Fiberglass Septic Tank.....	9,421.28	1,484.11
33 36 13 00-0033 EA 10,000 Gallon Fiberglass Septic Tank.....	11,534.05	1,773.83
<b>33 36 13 00-0034 Concrete Distribution Boxes (33 36 13)</b>		
Note: Includes internal and external coating.		
33 36 13 00-0035 EA 3 Outlet Concrete Distribution Box.....	182.44	39.94
33 36 13 00-0036 EA 5 Outlet Concrete Distribution Box.....	212.34	47.92
33 36 13 00-0037 EA 8 Outlet Concrete Distribution Box.....	371.41	55.91
33 36 13 00-0038 EA 12 Outlet Concrete Distribution Box.....	733.66	95.84
<b>33 36 13 00-0039 Dosing Siphon (33 36 13)</b>		
33 36 13 00-0040 EA Dosing Siphon With Electrical Connection And Solenoid Valve.....	4,016.61	
33 36 13 00-0041 EA Solar Power Control For Dosing Siphon.....	2,765.75	
33 36 13 00-0042 EA Electrical Power Control For Dosing Siphon.....	2,657.19	
<b>33 36 13 00-0043 Pump Out Septic Tanks (33 36 13)</b>		
33 36 13 00-0044 GAL Pump Out Septic Tank And Dispose.....	0.33	
<b>33 36 33 Utility Septic Tank Drainage Field (33 36)</b>		
<b>33 36 33 00-0001 Leaching Field Chambers - Precast Concrete (33 36 33)</b>		
33 36 33 00-0002 EA Standard Leaching Field Chamber 13' x 3'-7" x 1'-4".....	632.74	41.20
33 36 33 00-0003 EA Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6".....	765.53	56.18
<b>33 36 33 00-0004 Leaching Pit - Precast Concrete (33 36 33)</b>		
Note: Includes external coating.		
33 36 33 00-0005 EA 3' Diameter, 3' High, Precast Concrete Leaching Pit.....	551.13	55.28
33 36 33 00-0006 EA 4' Diameter, 3' High, Precast Concrete Leaching Pit.....	781.70	78.53
33 36 33 00-0007 EA 6' Diameter, 3' High, Precast Concrete Leaching Pit.....	1,041.17	94.23
33 36 33 00-0008 EA 8' Diameter, 4' High, Precast Concrete Leaching Pit.....	1,691.30	157.05
33 36 33 00-0009 EA 10' Diameter, 4' High, Precast Concrete Leaching Pit.....	2,477.74	219.87
<b>33 39 Sanitary Utility Sewerage Structures (33 39)</b>		
<b>33 39 13 Sanitary Utility Sewerage Manholes, Frames, And Covers (33 39)</b>		
See CSI section 22 13 19 26-0043 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill, 33 44 19 00-0000 for oil separators.		
<b>33 39 13 00-0001 Manholes (33 39 13)</b>		
<b>33 39 13 00-0002 Cast In Place Concrete, 8" Thick (33 39 13 00-0001)</b>		
Note: Includes base, wall, top and block-out for openings.		
<b>33 39 13 00-0003 48" Diameter (33 39 13 00-0002)</b>		
33 39 13 00-0004 EA 4' Diameter x 4' Deep Cast In Place Manhole 8" Thick.....	1,030.80	299.53
33 39 13 00-0005 EA 4' Diameter x 6' Deep Cast In Place Manhole 8" Thick.....	1,423.82	409.79
33 39 13 00-0006 EA 4' Diameter x 8' Deep Cast In Place Manhole 8" Thick.....	2,005.37	614.33
33 39 13 00-0007 VLF 4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'.....	247.19	76.82
<b>33 39 13 00-0008 Precast Concrete Manholes (33 39 13 00-0001)</b>		
Note: Includes base, riser(s), reducer and openings. See CSI section 33 39 13 00-0044 for top slabs.		
<b>33 39 13 00-0009 3' Diameter, 8" Thick Walls, Precast Concrete Manholes (33 39 13 00-0008)</b>		
33 39 13 00-0010 EA 4' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	693.74	141.77
For 6" Thick Wall, Deduct	-55.20	
33 39 13 00-0011 EA 6' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	970.67	193.87
For 6" Thick Wall, Deduct	-77.68	
33 39 13 00-0012 EA 8' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	1,337.25	290.81
For 6" Thick Wall, Deduct	-104.64	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>	
<b>Sanitary Utility Sewerage Structures</b>	<b>33 39</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0013 VLF Vertical Linear Foot Depth Over 8', x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	164.46 -12.81	38.78
<b>33 39 13 00-0014 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manholes (33 39 13 00-0008)</b>		
33 39 13 00-0015 EA 4' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	786.85 -63.90	147.83
33 39 13 00-0016 EA 6' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	1,096.88 -89.48	202.11
33 39 13 00-0017 EA 8' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	1,499.97 -119.70	302.92
33 39 13 00-0018 VLF Vertical Linear Foot Depth Over 8', x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	183.71 -14.59	38.78
<b>33 39 13 00-0019 4' Diameter, 8" Thick Walls, Precast Concrete Manholes (33 39 13 00-0008)</b>		
33 39 13 00-0020 EA 4' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	882.99 -72.93	152.68
33 39 13 00-0021 EA 6' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	1,226.03 -101.60	208.41
33 39 13 00-0022 EA 8' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	1,666.40 -135.14	315.04
33 39 13 00-0023 VLF Vertical Linear Foot Depth Over 8', x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	203.49 -16.41	39.99
33 39 13 00-0024 VLF Vertical Linear Foot Depth x 4' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone..... For 6" Thick Wall, Deduct	251.19 -21.18	39.99
<b>33 39 13 00-0025 5' Diameter, 8" Thick Walls, Precast Concrete Manholes (33 39 13 00-0008)</b>		
33 39 13 00-0026 EA 4' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	1,095.85 -92.57	169.64
33 39 13 00-0027 EA 6' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	1,508.11 -127.58	232.64
33 39 13 00-0028 EA 8' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct	2,028.27 -167.98	348.96
33 39 13 00-0029 VLF Vertical Linear Foot Depth Over 8', x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole ..... For 6" Thick Wall, Deduct	246.14 -20.25	43.62
33 39 13 00-0030 VLF Vertical Linear Foot Depth x 5' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone..... For 6" Thick Wall, Deduct	297.69 -25.41	43.62
<b>33 39 13 00-0031 6' Diameter, 8" Thick Walls, Precast Concrete Manholes (33 39 13 00-0008)</b>		
33 39 13 00-0032 EA 4' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	1,327.69	189.03
33 39 13 00-0033 EA 6' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	1,811.85	256.87
33 39 13 00-0034 EA 8' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	2,416.79	387.74
33 39 13 00-0035 VLF Vertical Linear Foot Depth Over 8', x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	291.25	48.47
33 39 13 00-0036 VLF Vertical Linear Foot Depth x 6' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone.....	338.95	48.47
<b>33 39 13 00-0037 Brick Manholes (33 39 13 00-0001)</b>		
<b>33 39 13 00-0038 4' Inside Diameter x 8" Wall (2 Brick) (33 39 13 00-0037)</b>		
33 39 13 00-0039 EA 4' Inside Diameter x 4' Deep Brick Manhole, 8" Wall.....	1,630.74	532.47
33 39 13 00-0040 EA 4' Inside Diameter x 6' Deep Brick Manhole, 8" Wall.....	2,372.56	784.19
33 39 13 00-0041 EA 4' Inside Diameter x 8' Deep Brick Manhole, 8" Wall.....	3,126.57	1,064.95
33 39 13 00-0042 VLF 4' Inside Diameter x Vertical Linear Foot Depth Brick Manhole, 8" Wall, Over 8'.....	409.56	133.11
<b>33 39 13 00-0043 Manhole Accessories (33 39 13)</b>		
<b>33 39 13 00-0044 Precast Concrete Manhole Tops (33 39 13 00-0043)</b>		
<b>33 39 13 00-0045 Precast Concrete Manhole Slab Tops (33 39 13 00-0044)</b>		
33 39 13 00-0046 EA 3' Diameter x 8" Thick Precast Manhole Top Slab.....	274.94	36.35
33 39 13 00-0047 EA 3'-6" Diameter x 8" Thick Precast Manhole Top Slab.....	328.00	37.81
33 39 13 00-0048 EA 4' Diameter x 8" Thick Precast Manhole Top Slab.....	387.71	39.26
33 39 13 00-0049 EA 5' Diameter x 8" Thick Precast Manhole Top Slab.....	527.75	42.16
33 39 13 00-0050 EA 6' Diameter x 8" Thick Precast Manhole Top Slab.....	633.42	45.07
<b>33 39 13 00-0051 Precast Concrete Manhole Cone Tops (33 39 13 00-0044)</b>		
33 39 13 00-0052 EA 3' Diameter x 8" Thick Precast Manhole Top Cone.....	440.83	45.44
33 39 13 00-0053 EA 3'-6" Diameter x 8" Thick Precast Manhole Top Cone.....	491.28	47.26
33 39 13 00-0054 EA 4' Diameter x 8" Thick Precast Manhole Top Cone.....	541.73	49.07
33 39 13 00-0055 EA 5' Diameter x 8" Thick Precast Manhole Top Cone.....	640.20	52.10
33 39 13 00-0056 EA 6' Diameter x 8" Thick Precast Manhole Top Cone.....	741.11	55.74
<b>33 39 13 00-0057 Pipe To Manhole Connector (33 39 13 00-0043)</b>		

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 39 Sanitary Utility Sewerage Structures**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

33 39 13 00-0058		<b>Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors</b> <small>(33 39 13 00-0057)</small>	
33 39 13 00-0059	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	47.94
33 39 13 00-0060	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	69.67
33 39 13 00-0061	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	78.58
33 39 13 00-0062	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	117.43
33 39 13 00-0063	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	163.51
33 39 13 00-0064	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	216.98
33 39 13 00-0065	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	387.43
33 39 13 00-0066	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	537.23
33 39 13 00-0067	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	843.34
33 39 13 00-0068	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	994.24
33 39 13 00-0069		<b>Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout</b> <small>(33 39 13 00-0057)</small>	
		Note: Fernco CMA.	
33 39 13 00-0070	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	51.18
33 39 13 00-0071	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	71.48
33 39 13 00-0072	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	90.44
33 39 13 00-0073	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	109.31
33 39 13 00-0074	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	126.72
33 39 13 00-0075		<b>Brick And Grout Pipe To Manhole Connector</b> <small>(33 39 13 00-0057)</small>	
33 39 13 00-0076	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....	127.95
33 39 13 00-0077		<b>Inverts For Manholes</b> <small>(33 39 13 00-0043)</small>	
		Note: Task descriptions based on number of inflow pipes.	
33 39 13 00-0078	EA	Single Concrete Invert For Manholes.....	227.75
33 39 13 00-0079	EA	Double Concrete Invert For Manholes.....	327.16
33 39 13 00-0080	EA	Triple Channel Concrete Invert For Manholes.....	441.10
33 39 13 00-0081	EA	Quad Channel Concrete Invert For Manholes.....	554.99
33 39 13 00-0082	EA	Single Brick Invert For Manholes.....	332.93
33 39 13 00-0083	EA	Double Brick Invert For Manholes.....	498.32
33 39 13 00-0084	EA	Triple Channel Brick Invert For Manholes.....	666.49
33 39 13 00-0085	EA	Quad Channel Brick Invert For Manholes.....	832.90
33 39 13 00-0086		<b>Steps For Cast-In-Place Manholes</b> <small>(33 39 13 00-0043)</small>	
		See CSI section 33 01 30 73-0063 for installation of steps in existing manholes.	
33 39 13 00-0087	EA	Cast Iron Manhole Step For New Manholes.....	44.28
33 39 13 00-0088	EA	Galvanized Steel Manhole Step For New Manholes.....	31.54
33 39 13 00-0089	EA	Aluminum Manhole Step For New Manholes.....	29.06
33 39 13 00-0090	EA	Polypropylene Manhole Step For New Manholes.....	23.50
33 39 13 00-0091		<b>Inlet shields</b> <small>(33 39 13 00-0043)</small>	
33 39 13 00-0092	EA	Stainless Steel Inlet Shield (BMP) With 2-1/8" Diameter Holes.....	275.02
		Note: Includes installing hook in concrete.	
33 39 13 00-0093	EA	Stainless Steel Inlet Shield (BMP) With 2-1/8" Diameter Holes, Flush Mount With Plate And Hook.....	347.77
		Note: Includes bolting plate to concrete.	
33 39 13 00-0094	EA	Stainless Steel Inlet Shield (BMP) With 2-1/8" Diameter Holes, Riser Mount With Plate And Hook.....	369.02
		Note: Includes bolting plate to concrete.	
33 39 13 00-0095	EA	Fixed Stainless Steel Inlet Shield (BMP) With 1" Diameter Holes, Flush Mount.....	376.11
		Note: Includes bolting plate to concrete.	
33 39 13 00-0096	EA	Fixed Stainless Steel Inlet Shield (BMP) With 1" Diameter Holes, Riser Mount.....	390.28
		Note: Includes bolting plate to concrete.	
33 39 13 00-0097		<b>Protective Coating For New Manholes</b> <small>(33 39 13 00-0043)</small>	
33 39 13 00-0098		<b>Polyurethane Protective Coating For New Manholes</b> <small>(33 39 13 00-0097)</small>	
33 39 13 00-0099	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior.....	98.20
		For 80 Mil Material, Add	15.27
		For 100 Mil Material, Add	30.54
		For 125 Mil Material, Add	48.36
		For 150 Mil Material, Add	66.18
		For 200 Mil Material, Add	98.44
		For 2 To 5 Manholes, Deduct	-6.60
		For 6 To 10 Manholes, Deduct	-10.75
		For >10 Manholes, Deduct	-21.49
33 39 13 00-0100	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior.....	118.36
		For 80 Mil Material, Add	18.11
		For 100 Mil Material, Add	36.21
		For 125 Mil Material, Add	57.30
		For 150 Mil Material, Add	78.38
		For 200 Mil Material, Add	116.42
		For 2 To 5 Manholes, Deduct	-7.98
		For 6 To 10 Manholes, Deduct	-13.01
		For >10 Manholes, Deduct	-26.02





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>	
<b>Sanitary Utility Sewerage Structures</b>	<b>33 39</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0101 VLF 60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior .....	130.95	
For 80 Mil Material, Add	20.36	
For 100 Mil Material, Add	40.72	
For 125 Mil Material, Add	64.48	
For 150 Mil Material, Add	88.25	
For 200 Mil Material, Add	131.26	
For 2 To 5 Manholes, Deduct	-8.80	
For 6 To 10 Manholes, Deduct	-14.33	
For >10 Manholes, Deduct	-28.66	
33 39 13 00-0102 VLF 60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior .....	163.71	
For 80 Mil Material, Add	25.46	
For 100 Mil Material, Add	50.92	
For 125 Mil Material, Add	80.64	
For 150 Mil Material, Add	110.35	
For 200 Mil Material, Add	164.14	
For 2 To 5 Manholes, Deduct	-11.00	
For 6 To 10 Manholes, Deduct	-17.91	
For >10 Manholes, Deduct	-35.82	
33 39 13 00-0103 VLF 60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior .....	190.43	
For 80 Mil Material, Add	30.10	
For 100 Mil Material, Add	60.20	
For 125 Mil Material, Add	95.40	
For 150 Mil Material, Add	130.61	
For 200 Mil Material, Add	194.55	
For 2 To 5 Manholes, Deduct	-12.75	
For 6 To 10 Manholes, Deduct	-20.74	
For >10 Manholes, Deduct	-41.48	
<b>33 39 13 00-0104 Polyvinyl Chloride (PVC) Liner (33 39 13 00-0097)</b>		
Note: For new manholes and shop applied.		
33 39 13 00-0105 VLF 3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	143.86	
33 39 13 00-0106 VLF 3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	176.34	
33 39 13 00-0107 VLF 4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	215.19	
33 39 13 00-0108 VLF 5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	270.24	
33 39 13 00-0109 VLF 6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	325.28	
33 39 13 00-0110 SF Polyvinyl Chloride (PVC) Liner At Structures .....	21.77	
<b>33 39 13 00-0111 Concrete Grade Extensions/Grade Rings (33 39 13 00-0043)</b>		
<b>33 39 13 00-0112 18" Diameter, Concrete Grade Extensions/Grade Rings (33 39 13 00-0111)</b>		
33 39 13 00-0113 EA 4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings .....	53.63	
33 39 13 00-0114 EA 6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	59.99	
33 39 13 00-0115 EA 8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	66.36	
33 39 13 00-0116 EA 10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	74.58	
<b>33 39 13 00-0117 24" Diameter, Concrete Grade Extensions/Grade Rings (33 39 13 00-0111)</b>		
33 39 13 00-0118 EA 4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	60.39	
33 39 13 00-0119 EA 6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	67.62	
33 39 13 00-0120 EA 8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	74.85	
33 39 13 00-0121 EA 10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	82.09	
<b>33 39 13 00-0122 30" Diameter, Concrete Grade Extensions/Grade Rings (33 39 13 00-0111)</b>		
33 39 13 00-0123 EA 4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	66.98	
33 39 13 00-0124 EA 6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	75.04	
33 39 13 00-0125 EA 8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	83.11	
33 39 13 00-0126 EA 10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	91.17	
<b>33 39 13 00-0127 Bentonite Collar (33 39 13 00-0043)</b>		
<b>33 39 13 00-0128 Bentonite Collar At Manhole Connections (33 39 13 00-0127)</b>		
33 39 13 00-0129 EA Up To 12" Pipe, Bentonite Collar At Manhole Connection .....	82.90	
33 39 13 00-0130 EA >12" To 21", Bentonite Collar At Manhole Connection .....	131.37	
33 39 13 00-0131 EA >21" To 30" Pipe, Bentonite Collar At Manhole Connection .....	208.61	
33 39 13 00-0132 EA >30" To 36" Pipe, Bentonite Collar At Manhole Connection .....	488.12	
33 39 13 00-0133 EA >36" To 48" Pipe, Bentonite Collar At Manhole Connection .....	758.75	
33 39 13 00-0134 EA >48" To 60" Pipe, Bentonite Collar At Manhole Connection .....	1,377.05	
<b>33 39 13 00-0135 Manhole Covers And Frames (33 39 13)</b>		
Note: Includes moisture-tight masonry joints and waterproof grouting.		
<b>33 39 13 00-0136 Regular Manhole Covers And Frames, City Type (33 39 13 00-0135)</b>		
33 39 13 00-0137 EA 18" Square x 75 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	357.25	41.69
For Malleable Iron Castings, Add	69.37	
For Ductile Iron Castings, Add	161.87	
For Heavy Duty, Add	131.34	

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 39 Sanitary Utility Sewerage Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0138 EA 18" Diameter x 100 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	571.36	41.69
For Malleable Iron Castings, Add	133.61	
For Ductile Iron Castings, Add	311.75	
For Heavy Duty, Add	206.28	
33 39 13 00-0139 EA 22" Square x 75 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	392.20	43.62
For Malleable Iron Castings, Add	78.40	
For Ductile Iron Castings, Add	182.94	
For Heavy Duty, Add	143.81	
33 39 13 00-0140 EA 24" Square x 126 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	578.05	45.56
For Malleable Iron Castings, Add	132.32	
For Ductile Iron Castings, Add	308.75	
For Heavy Duty, Add	209.17	
33 39 13 00-0141 EA 24" Diameter x 200 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	599.46	45.56
For Malleable Iron Castings, Add	138.74	
For Ductile Iron Castings, Add	323.74	
For Heavy Duty, Add	216.66	
33 39 13 00-0142 EA 24" Diameter x 300 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	654.99	48.47
For Malleable Iron Castings, Add	152.87	
For Ductile Iron Castings, Add	356.71	
For Heavy Duty, Add	236.52	
33 39 13 00-0143 EA 24" Diameter x 400 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	720.39	53.80
For Malleable Iron Castings, Add	167.65	
For Ductile Iron Castings, Add	391.18	
For Heavy Duty, Add	260.21	
33 39 13 00-0144 EA 24" Square x 500 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	863.84	53.80
For Malleable Iron Castings, Add	210.68	
For Ductile Iron Castings, Add	491.60	
For Heavy Duty, Add	310.42	
33 39 13 00-0145 EA 26" Diameter x 475 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	849.62	58.16
For Malleable Iron Castings, Add	202.34	
For Ductile Iron Castings, Add	472.12	
For Heavy Duty, Add	306.13	
33 39 13 00-0146 EA 30" Diameter x 620 LB Regular Cast Iron Manhole Cover With Frame, City Type .....	971.82	60.58
For Malleable Iron Castings, Add	237.02	
For Ductile Iron Castings, Add	553.05	
For Heavy Duty, Add	349.22	
33 39 13 00-0147 EA 36" Diameter Regular Cast Iron Manhole Cover With Frame, City Type .....	1,224.09	62.04
<b>33 39 13 00-0148 Watertight Type Manhole Covers And Frames</b> <small>(33 39 13 00-0135)</small>		
33 39 13 00-0149 EA 20" Diameter x 200 LB Watertight Manhole Cover With Frame .....	580.19	34.41
For Malleable Iron Castings, Add	132.96	
For Ductile Iron Castings, Add	310.25	
33 39 13 00-0150 EA 22" Diameter x 300 LB Watertight Manhole Cover With Frame .....	758.54	34.41
For Malleable Iron Castings, Add	183.09	
For Ductile Iron Castings, Add	427.20	
33 39 13 00-0151 EA 24" Diameter x 350 LB Watertight Manhole Cover With Frame .....	855.26	40.23
For Malleable Iron Castings, Add	208.11	
For Ductile Iron Castings, Add	485.59	
33 39 13 00-0152 EA 26" Diameter x 500 LB Watertight Manhole Cover With Frame .....	1,066.19	45.07
For Malleable Iron Castings, Add	267.31	
For Ductile Iron Castings, Add	623.71	
33 39 13 00-0153 EA 30" Diameter x 550 LB Watertight Manhole Cover With Frame .....	1,025.98	46.04
For Malleable Iron Castings, Add	253.27	
For Ductile Iron Castings, Add	590.96	
33 39 13 00-0154 EA 32" Diameter x 575 LB Watertight Manhole Cover With Frame .....	1,109.74	47.01
For Malleable Iron Castings, Add	277.68	
For Ductile Iron Castings, Add	647.93	
33 39 13 00-0155 EA 36" Diameter x 600 LB Watertight Manhole Cover With Frame .....	1,274.95	48.47
For Malleable Iron Castings, Add	326.51	
For Ductile Iron Castings, Add	761.85	
<b>33 39 13 00-0156 Aluminum Manhole Covers And Frames</b> <small>(33 39 13 00-0135)</small>		
33 39 13 00-0157 EA 12" Square Aluminum Manhole Cover With Frame .....	356.30	19.38
33 39 13 00-0158 EA 18" Square Aluminum Manhole Cover With Frame .....	623.26	21.45
33 39 13 00-0159 EA 24" Square Aluminum Manhole Cover With Frame .....	880.73	24.91
<b>33 39 13 00-0160 Remove And Reinstall Manhole Cover And Frame</b> <small>(33 39 13 00-0135)</small>		
Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 39 13 00-0161 EA Remove And Reinstall Manhole Cover And Frame, Non-Paved.....	781.78	
33 39 13 00-0162 EA Remove And Reinstall Manhole Cover And Frame, Non-State Road.....	991.71	
33 39 13 00-0163 EA Remove And Reinstall Manhole Cover And Frame, State Road.....	1,234.05	
<b>33 39 13 00-0164 Manhole Covers</b> <small>(33 39 13 00-0135)</small>		
33 39 13 00-0165 EA 22" Diameter Cast Iron Manhole Cover, Light.....	104.27	
33 39 13 00-0166 EA 24" Diameter Cast Iron Manhole Cover .....	200.88	
<b>33 39 13 00-0167 Rainguard Inflow Protectors</b> <small>(33 39 13 00-0135)</small>		
33 39 13 00-0168 EA 18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	64.07	10.05



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>	
<b>Sanitary Utility Sewerage Structures</b>	<b>33 39</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0169 EA 22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors .....	75.78	10.05
33 39 13 00-0170 EA 24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors .....	90.56	12.05
33 39 13 00-0171 EA 26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors .....	97.96	12.05
33 39 13 00-0172 EA 30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors .....	122.48	14.07
33 39 13 00-0173 EA 32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors .....	131.57	14.07
<b>33 39 13 00-0174 Waste Water Collection System Taps (33 39 13)</b>		
Note: For tapping existing structures only. Includes grout.		
<b>33 39 13 00-0175 Brick Manhole Taps (33 39 13 00-0174)</b>		
33 39 13 00-0176 EA 4" Tap In 6" Brick Manhole .....	234.09	
33 39 13 00-0177 EA 6" Tap In 6" Brick Manhole .....	260.90	
33 39 13 00-0178 EA 8" Tap In 6" Brick Manhole .....	287.25	
33 39 13 00-0179 EA 10" Tap In 6" Brick Manhole .....	313.54	
33 39 13 00-0180 EA 12" Tap In 6" Brick Manhole .....	347.01	
33 39 13 00-0181 EA 15" Tap In 6" Brick Manhole .....	373.24	
<b>33 39 13 00-0182 Precast Concrete Manhole Tap (33 39 13 00-0174)</b>		
33 39 13 00-0183 EA 4" Tap In 8" Thick Precast Concrete Manhole .....	339.20	
33 39 13 00-0184 EA 6" Tap In 8" Thick Precast Concrete Manhole .....	379.42	
33 39 13 00-0185 EA 8" Tap In 8" Thick Precast Concrete Manhole .....	425.16	
33 39 13 00-0186 EA 10" Tap In 8" Thick Precast Concrete Manhole .....	464.59	
33 39 13 00-0187 EA 12" Tap In 8" Thick Precast Concrete Manhole .....	503.95	
33 39 13 00-0188 EA 15" Tap In 8" Thick Precast Concrete Manhole .....	544.25	
<b>33 40 Storm Drainage Utilities (33)</b>		
<b>33 41 Storm Utility Drainage Piping (33 40)</b>		
Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
<b>33 41 13 Public Storm Utility Drainage Piping (33 41)</b>		
<b>33 41 13 00-0001 Reinforced Concrete Piping (33 41 13)</b>		
<b>33 41 13 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets (33 41 13 00-0001)</b>		
33 41 13 00-0003 LF 12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	26.52	7.41
For >1,000, Deduct	-1.33	
For Class 4, Add	1.51	
For Class 5, Add	4.78	
For Class I, Deduct	-2.87	
33 41 13 00-0004 LF 15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	32.16	8.25
For >1,000, Deduct	-1.61	
For Class 4, Add	1.94	
For Class 5, Add	6.11	
For Class I, Deduct	-3.67	
33 41 13 00-0005 LF 18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	36.14	10.29
For >1,000, Deduct	-1.81	
For Class 4, Add	2.04	
For Class 5, Add	6.43	
For Class I, Deduct	-3.86	
33 41 13 00-0006 LF 21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	46.39	12.97
For >1,000, Deduct	-2.32	
For Class 4, Add	2.65	
For Class 5, Add	8.36	
For Class I, Deduct	-5.01	
33 41 13 00-0007 LF 24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	54.03	15.75
For >1,000, Deduct	-2.70	
For Class 4, Add	3.00	
For Class 5, Add	9.46	
For Class I, Deduct	-5.68	
33 41 13 00-0008 LF 27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	68.29	19.95
For >1,000, Deduct	-3.41	
For Class 4, Add	3.78	
For Class 5, Add	11.94	
For Class I, Deduct	-7.16	
33 41 13 00-0009 LF 30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	72.82	20.60
For >1,000, Deduct	-3.64	
For Class 4, Add	4.09	
For Class 5, Add	12.91	
For Class I, Deduct	-7.75	
33 41 13 00-0010 LF 36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	91.47	23.41
For >1,000, Deduct	-4.57	
For Class 4, Add	5.55	
For Class 5, Add	17.51	
For Class I, Deduct	-10.51	
33 41 13 00-0011 LF 42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets .....	120.89	25.75
For >1,000, Deduct	-6.04	
For Class 4, Add	8.02	
For Class 5, Add	25.34	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0012 LF 48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	145.73	28.68
For >1,000, Deduct	-7.29	
For Class 4, Add	9.95	
For Class 5, Add	31.43	
33 41 13 00-0013 LF 54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	182.85	32.77
For >1,000, Deduct	-9.14	
For Class 4, Add	12.92	
For Class 5, Add	40.81	
33 41 13 00-0014 LF 60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	221.61	38.02
For >1,000, Deduct	-11.08	
For Class 4, Add	15.89	
For Class 5, Add	50.19	
<b>33 41 13 00-0015 Concrete Reducing Wye Without Gaskets (33 41 13 00-0001)</b>		
33 41 13 00-0016 EA 12" Concrete Reducing Wye Without Gaskets.....	354.24	28.25
33 41 13 00-0017 EA 15" Concrete Reducing Wye Without Gaskets.....	424.50	34.42
33 41 13 00-0018 EA 18" Concrete Reducing Wye Without Gaskets.....	526.95	37.95
33 41 13 00-0019 EA 21" Concrete Reducing Wye Without Gaskets.....	603.00	46.78
33 41 13 00-0020 EA 24" Concrete Reducing Wye Without Gaskets.....	679.69	56.48
<b>33 41 13 00-0021 Concrete Pipe Joint Gaskets (33 41 13 00-0001)</b>		
33 41 13 00-0022 EA 12" Diameter Concrete Pipe Joint Gasket.....	3.53	
33 41 13 00-0023 EA 15" Diameter Concrete Pipe Joint Gasket.....	4.18	
33 41 13 00-0024 EA 18" Diameter Concrete Pipe Joint Gasket.....	4.84	
33 41 13 00-0025 EA 21" Diameter Concrete Pipe Joint Gasket.....	5.85	
33 41 13 00-0026 EA 24" Diameter Concrete Pipe Joint Gasket.....	6.85	
33 41 13 00-0027 EA 27" Diameter Concrete Pipe Joint Gasket.....	7.63	
33 41 13 00-0028 EA 30" Diameter Concrete Pipe Joint Gasket.....	8.39	
33 41 13 00-0029 EA 36" Diameter Concrete Pipe Joint Gasket.....	10.25	
33 41 13 00-0030 EA 42" Diameter Concrete Pipe Joint Gasket.....	11.88	
33 41 13 00-0031 EA 48" Diameter Concrete Pipe Joint Gasket.....	13.70	
33 41 13 00-0032 EA 54" Diameter Concrete Pipe Joint Gasket.....	16.80	
33 41 13 00-0033 EA 60" Diameter Concrete Pipe Joint Gasket.....	24.86	
<b>33 41 13 00-0034 Precast Concrete End Sections (33 41 13 00-0001)</b>		
<b>33 41 13 00-0035 Precast Concrete End Sections (33 41 13 00-0034)</b>		
33 41 13 00-0036 EA 12" Diameter Pipe, Precast Concrete End Section.....	532.85	51.76
33 41 13 00-0037 EA 15" Diameter Pipe, Precast Concrete End Section.....	723.13	64.08
33 41 13 00-0038 EA 18" Diameter Pipe, Precast Concrete End Section.....	892.74	81.11
33 41 13 00-0039 EA 21" Diameter Pipe, Precast Concrete End Section.....	1,018.82	96.99
33 41 13 00-0040 EA 24" Diameter Pipe, Precast Concrete End Section.....	1,069.43	112.26
33 41 13 00-0041 EA 27" Diameter Pipe, Precast Concrete End Section.....	1,326.48	139.53
33 41 13 00-0042 EA 30" Diameter Pipe, Precast Concrete End Section.....	1,613.69	209.56
33 41 13 00-0043 EA 36" Diameter Pipe, Precast Concrete End Section.....	1,984.02	264.44
33 41 13 00-0044 EA 42" Diameter Pipe, Precast Concrete End Section.....	2,383.05	331.72
33 41 13 00-0045 EA 48" Diameter Pipe, Precast Concrete End Section.....	2,596.19	374.09
33 41 13 00-0046 EA 54" Diameter Pipe, Precast Concrete End Section.....	2,815.67	419.03
33 41 13 00-0047 EA 60" Diameter Pipe, Precast Concrete End Section.....	3,040.00	465.85
<b>33 41 13 00-0048 Flared Precast Concrete End Sections (33 41 13 00-0034)</b>		
33 41 13 00-0049 EA 12" Diameter Pipe, Flared Precast Concrete End Section.....	683.97	54.54
33 41 13 00-0050 EA 15" Diameter Pipe, Flared Precast Concrete End Section.....	820.89	67.99
33 41 13 00-0051 EA 18" Diameter Pipe, Flared Precast Concrete End Section.....	991.40	86.05
33 41 13 00-0052 EA 21" Diameter Pipe, Flared Precast Concrete End Section.....	1,126.14	102.91
33 41 13 00-0053 EA 24" Diameter Pipe, Flared Precast Concrete End Section.....	1,383.62	119.11
33 41 13 00-0054 EA 27" Diameter Pipe, Flared Precast Concrete End Section.....	1,600.28	190.23
33 41 13 00-0055 EA 30" Diameter Pipe, Flared Precast Concrete End Section.....	1,571.01	261.90
33 41 13 00-0056 EA 36" Diameter Pipe, Flared Precast Concrete End Section.....	2,156.92	330.55
33 41 13 00-0057 EA 42" Diameter Pipe, Flared Precast Concrete End Section.....	2,561.82	414.73
33 41 13 00-0058 EA 48" Diameter Pipe, Flared Precast Concrete End Section.....	2,744.11	467.73
33 41 13 00-0059 EA 54" Diameter Pipe, Flared Precast Concrete End Section.....	3,068.31	523.86
33 41 13 00-0060 EA 60" Diameter Pipe, Flared Precast Concrete End Section.....	3,397.03	581.88
<b>33 41 13 00-0061 Couplings (33 41 13 00-0001)</b>		
<b>33 41 13 00-0062 Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings (33 41 13 00-0061)</b>		
Note: For concrete to cast iron or plastic pipe. Includes stainless steel clamps. Fernco 1006.		
33 41 13 00-0063 EA 4" x 3" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	26.98	
33 41 13 00-0064 EA 4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	24.64	
33 41 13 00-0065 EA 6" x 4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	43.86	
33 41 13 00-0066 EA 6" x 5" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	45.74	
33 41 13 00-0067 EA 6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	42.14	
33 41 13 00-0068 EA 8" x 6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	66.82	
33 41 13 00-0069 EA 8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	57.04	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0070	EA	10" x 8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling .....	85.03	
33 41	13 00-0071	EA	10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling .....	74.71	
33 41	13 00-0072	EA	12" x 10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling .....	103.51	
33 41	13 00-0073	EA	12" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling .....	85.64	
33 41	13 00-0074	EA	15" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling .....	278.40	
<b>33 41</b>	<b>13 00-0075</b>		<b>High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13)</small>		
<b>33 41</b>	<b>13 00-0076</b>		<b>Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13 00-0075)</small> Note: Excludes couplings and gaskets.		
<b>33 41</b>	<b>13 00-0077</b>		<b>Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13 00-0076)</small>		
33 41	13 00-0078	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	7.30	3.22
			For <100, Add	1.29	
			For >1,000, Deduct	-0.37	
33 41	13 00-0079	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	9.67	3.75
			For <100, Add	1.50	
			For >1,000, Deduct	-0.48	
33 41	13 00-0080	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	11.97	4.36
			For <100, Add	1.74	
			For >1,000, Deduct	-0.60	
33 41	13 00-0081	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	13.72	4.51
			For <100, Add	1.80	
			For >1,000, Deduct	-0.69	
33 41	13 00-0082	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	14.44	4.67
			For <100, Add	1.87	
			For >1,000, Deduct	-0.72	
33 41	13 00-0083	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	16.51	4.83
			For <100, Add	1.93	
			For >1,000, Deduct	-0.83	
33 41	13 00-0084	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	20.23	5.01
			For <100, Add	2.00	
			For >1,000, Deduct	-1.01	
33 41	13 00-0085	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	27.99	5.87
			For <100, Add	2.35	
			For >1,000, Deduct	-1.40	
33 41	13 00-0086	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	39.82	7.90
			For <100, Add	3.16	
			For >1,000, Deduct	-1.99	
33 41	13 00-0087	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	52.44	9.99
			For <100, Add	3.99	
			For >1,000, Deduct	-2.62	
<b>33 41</b>	<b>13 00-0088</b>		<b>Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13 00-0076)</small>		
33 41	13 00-0089	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	14.35	4.67
			For <100, Add	1.87	
			For >1,000, Deduct	-0.72	
33 41	13 00-0090	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	16.87	4.83
			For <100, Add	1.93	
			For >1,000, Deduct	-0.84	
33 41	13 00-0091	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	20.77	5.01
			For <100, Add	2.00	
			For >1,000, Deduct	-1.04	
33 41	13 00-0092	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	28.84	5.87
			For <100, Add	2.35	
			For >1,000, Deduct	-1.44	
33 41	13 00-0093	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	42.16	7.90
			For <100, Add	3.16	
			For >1,000, Deduct	-2.11	
33 41	13 00-0094	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	54.18	9.99
			For <100, Add	3.99	
			For >1,000, Deduct	-2.71	
33 41	13 00-0095	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	71.18	10.89
			For <100, Add	4.36	
			For >1,000, Deduct	-3.56	
33 41	13 00-0096	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	77.52	12.29
			For <100, Add	4.92	
			For >1,000, Deduct	-3.88	
<b>33 41</b>	<b>13 00-0097</b>		<b>Single Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13 00-0075)</small> Note: Excludes couplings and gaskets.		
<b>33 41</b>	<b>13 00-0098</b>		<b>Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> <small>(33 41 13 00-0097)</small>		
33 41	13 00-0099	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe .....	6.97	3.22
			For <100, Add	1.29	
			For >1,000, Deduct	-0.35	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0100	LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	8.66 1.50 -0.43	3.75
33 41	13 00-0101	LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	10.78 1.74 -0.54	4.36
33 41	13 00-0102	LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	12.85 1.80 -0.64	4.51
33 41	13 00-0103	LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	14.11 1.87 -0.71	4.67
33 41	13 00-0104	LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	16.61 1.93 -0.83	4.83
33 41	13 00-0105	LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	20.90 2.00 -1.05	5.01
33 41	13 00-0106	LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	28.72 2.35 -1.44	5.87
33 41	13 00-0107		<b>Perforated, Corrugated High Density Polyethylene (HDPE) Piping</b> (33 41 13 00-0075) Note: Excludes couplings and gaskets.		
33 41	13 00-0108		<b>Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> (33 41 13 00-0107)		
33 41	13 00-0109	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	7.75 1.29 -0.39	3.22
33 41	13 00-0110	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	9.68 1.50 -0.48	3.75
33 41	13 00-0111	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	11.97 1.74 -0.60	4.36
33 41	13 00-0112	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	13.73 1.80 -0.69	4.51
33 41	13 00-0113	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	14.44 1.87 -0.72	4.67
33 41	13 00-0114	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	16.52 1.93 -0.83	4.83
33 41	13 00-0115	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	20.24 2.00 -1.01	5.01
33 41	13 00-0116	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	27.99 2.35 -1.40	5.87
33 41	13 00-0117	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	39.97 3.16 -2.00	7.90
33 41	13 00-0118	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	52.44 3.99 -2.62	9.99
33 41	13 00-0119		<b>Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> (33 41 13 00-0107)		
33 41	13 00-0120	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	14.37 1.87 -0.72	4.67
33 41	13 00-0121	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	16.88 1.93 -0.84	4.83
33 41	13 00-0122	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	20.78 2.00 -1.04	5.01
33 41	13 00-0123	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	28.84 2.35 -1.44	5.87
33 41	13 00-0124	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe ..... <i>For &lt;100, Add</i> <i>For &gt;1,000, Deduct</i>	42.16 3.16 -2.11	7.90



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0125	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	54.18	9.99
		For <100, Add	3.99	
		For >1,000, Deduct	-2.71	
33 41 13 00-0126	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	71.18	10.89
		For <100, Add	4.36	
		For >1,000, Deduct	-3.56	
33 41 13 00-0127	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	77.52	12.29
		For <100, Add	4.92	
		For >1,000, Deduct	-3.88	
<b>33 41 13 00-0128</b>		<b>Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping</b> (33 41 13 00-0107)		
33 41 13 00-0129	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.25	3.22
		For <100, Add	1.29	
		For >1,000, Deduct	-0.36	
33 41 13 00-0130	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	8.66	3.75
		For <100, Add	1.50	
		For >1,000, Deduct	-0.43	
33 41 13 00-0131	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	10.72	4.36
		For <100, Add	1.74	
		For >1,000, Deduct	-0.54	
33 41 13 00-0132	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	12.85	4.51
		For <100, Add	1.80	
		For >1,000, Deduct	-0.64	
33 41 13 00-0133	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	14.11	4.67
		For <100, Add	1.87	
		For >1,000, Deduct	-0.71	
33 41 13 00-0134	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.61	4.83
		For <100, Add	1.93	
		For >1,000, Deduct	-0.83	
33 41 13 00-0135	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.90	5.01
		For <100, Add	2.00	
		For >1,000, Deduct	-1.05	
33 41 13 00-0136	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	28.72	5.87
		For <100, Add	2.35	
		For >1,000, Deduct	-1.44	
<b>33 41 13 00-0137</b>		<b>Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings</b> (33 41 13 00-0075)		
		Note: Excludes couplings and gaskets.		
<b>33 41 13 00-0138</b>		<b>Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)</b> (33 41 13 00-0137)		
33 41 13 00-0139	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	22.08	11.91
33 41 13 00-0140	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	26.62	13.90
33 41 13 00-0141	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	37.11	16.88
33 41 13 00-0142	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	51.46	20.85
33 41 13 00-0143	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	72.69	24.83
33 41 13 00-0144	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	99.85	32.44
33 41 13 00-0145	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	140.48	43.69
33 41 13 00-0146	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	173.35	49.87
33 41 13 00-0147	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	272.19	57.59
33 41 13 00-0148	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	341.74	66.52
33 41 13 00-0149	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	535.93	79.44
33 41 13 00-0150	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	667.02	94.33
<b>33 41 13 00-0151</b>		<b>Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)</b> (33 41 13 00-0137)		
33 41 13 00-0152	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	26.51	11.91
33 41 13 00-0153	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	31.49	13.90
33 41 13 00-0154	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	40.18	16.88
33 41 13 00-0155	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	54.84	20.85
33 41 13 00-0156	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	83.59	24.83
33 41 13 00-0157	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	96.51	32.44
33 41 13 00-0158	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	133.97	43.69
<b>33 41 13 00-0159</b>		<b>22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)</b> (33 41 13 00-0137)		
33 41 13 00-0160	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	14.17	7.94
33 41 13 00-0161	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	16.92	9.27
33 41 13 00-0162	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	22.28	11.25
33 41 13 00-0163	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	27.77	13.90
33 41 13 00-0164	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	36.47	16.55
33 41 13 00-0165	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	52.38	21.18

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0166 EA 18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	70.53	29.12
33 41 13 00-0167 EA 24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	110.42	33.09
33 41 13 00-0168 EA 30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	145.41	38.39
33 41 13 00-0169 EA 36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	169.73	44.35
33 41 13 00-0170 EA 42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	212.99	52.96
33 41 13 00-0171 EA 48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	278.73	62.89
<b>33 41 13 00-0172 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0137)</b>		
33 41 13 00-0173 EA 4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	14.65	7.94
33 41 13 00-0174 EA 6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	17.93	9.27
33 41 13 00-0175 EA 8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	22.80	11.25
33 41 13 00-0176 EA 10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	31.97	13.90
33 41 13 00-0177 EA 12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	36.47	16.55
33 41 13 00-0178 EA 15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	52.29	21.18
33 41 13 00-0179 EA 18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	77.30	29.12
33 41 13 00-0180 EA 24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	115.66	33.09
33 41 13 00-0181 EA 30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	145.66	38.39
33 41 13 00-0182 EA 36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	181.01	44.35
33 41 13 00-0183 EA 42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	256.51	52.96
33 41 13 00-0184 EA 48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	317.74	62.89
<b>33 41 13 00-0185 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 41 13 00-0075)</b>		
Note: Excludes couplings and gaskets.		
<b>33 41 13 00-0186 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0185)</b>		
33 41 13 00-0187 EA 4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	19.09	11.91
33 41 13 00-0188 EA 6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	22.42	13.90
33 41 13 00-0189 EA 8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	30.38	16.88
33 41 13 00-0190 EA 10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	38.14	20.85
33 41 13 00-0191 EA 12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	50.14	24.83
33 41 13 00-0192 EA 15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	86.15	32.44
33 41 13 00-0193 EA 18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	108.20	43.69
33 41 13 00-0194 EA 24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	169.78	49.65
<b>33 41 13 00-0195 Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0185)</b>		
33 41 13 00-0196 EA 4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	19.28	11.91
33 41 13 00-0197 EA 6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	23.02	13.90
33 41 13 00-0198 EA 8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	36.66	16.88
<b>33 41 13 00-0199 45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0185)</b>		
33 41 13 00-0200 EA 4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	12.79	7.94
<b>33 41 13 00-0201 90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0185)</b>		
33 41 13 00-0202 EA 4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	12.99	7.94
33 41 13 00-0203 EA 6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	15.73	9.27
33 41 13 00-0204 EA 8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	20.70	11.25
33 41 13 00-0205 EA 10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	26.30	13.90
<b>33 41 13 00-0206 Couplings And End Sections, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0075)</b>		
Note: For single and double wall high density polyethylene (HDPE) piping.		
<b>33 41 13 00-0207 Couplings, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0206)</b>		
33 41 13 00-0208 EA 4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.29	
33 41 13 00-0209 EA 6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.52	
33 41 13 00-0210 EA 8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.80	
33 41 13 00-0211 EA 10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.98	
33 41 13 00-0212 EA 12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.06	
33 41 13 00-0213 EA 15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.51	
33 41 13 00-0214 EA 18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.23	
33 41 13 00-0215 EA 24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	3.55	
33 41 13 00-0216 EA 30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	5.44	
33 41 13 00-0217 EA 36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	7.12	
33 41 13 00-0218 EA 42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	11.20	
33 41 13 00-0219 EA 48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	15.15	
<b>33 41 13 00-0220 Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0206)</b>		
33 41 13 00-0221 EA 4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	15.34	





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0222 EA 6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.06	
33 41 13 00-0223 EA 8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.82	
33 41 13 00-0224 EA 10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	17.61	
33 41 13 00-0225 EA 12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.88	
33 41 13 00-0226 EA 15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	21.56	
33 41 13 00-0227 EA 18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	22.49	
33 41 13 00-0228 EA 24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	25.61	
33 41 13 00-0229 EA 30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	41.06	
33 41 13 00-0230 EA 36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	44.97	
33 41 13 00-0231 EA 42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	49.00	
33 41 13 00-0232 EA 48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	59.51	
<b>33 41 13 00-0233 End Sections, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0206)</b>		
33 41 13 00-0234 EA 10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	77.93	29.77
33 41 13 00-0235 EA 12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	90.00	33.49
33 41 13 00-0236 EA 15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	96.11	35.97
33 41 13 00-0237 EA 18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	110.17	39.70
33 41 13 00-0238 EA 24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	136.65	47.14
33 41 13 00-0239 EA 30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	250.42	53.34
33 41 13 00-0240 EA 36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe.....	278.79	59.54
<b>33 41 13 00-0241 Vitrified Clay Piping (33 41 13)</b>		
<b>33 41 13 00-0242 Extra Strength Vitrified Clay Piping (33 41 13 00-0241)</b>		
<b>33 41 13 00-0243 Plain Joint, Extra Strength, Vitrified Clay Piping (33 41 13 00-0242)</b>		
Note: ASTM C700.		
33 41 13 00-0244 LF 4" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	11.06	
For 3' Lengths, Add	1.08	
For 2' Lengths, Add	1.44	
For Standard Strength, Deduct	-0.36	
For >1,000, Deduct	-0.55	
33 41 13 00-0245 LF 6" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	14.58	
For 3' Lengths, Add	1.68	
For 2' Lengths, Add	2.24	
For Standard Strength, Deduct	-0.56	
For >1,000, Deduct	-0.73	
33 41 13 00-0246 LF 8" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	18.50	
For 3' Lengths, Add	2.40	
For 2' Lengths, Add	3.20	
For Standard Strength, Deduct	-0.80	
For >1,000, Deduct	-0.93	
33 41 13 00-0247 LF 10" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	23.74	
For 3' Lengths, Add	3.68	
For 2' Lengths, Add	4.90	
For Standard Strength, Deduct	-1.23	
For >1,000, Deduct	-1.19	
33 41 13 00-0248 LF 12" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	30.25	
For 3' Lengths, Add	5.19	
For 2' Lengths, Add	6.92	
For Standard Strength, Deduct	-1.73	
For >1,000, Deduct	-1.51	
33 41 13 00-0249 LF 15" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	46.85	
For 3' Lengths, Add	9.73	
For 2' Lengths, Add	12.98	
For Standard Strength, Deduct	-3.24	
For >1,000, Deduct	-2.34	
33 41 13 00-0250 LF 18" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	64.46	
For 3' Lengths, Add	13.95	
For 2' Lengths, Add	18.60	
For Standard Strength, Deduct	-4.65	
For >1,000, Deduct	-3.22	
33 41 13 00-0251 LF 21" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	97.14	
For 3' Lengths, Add	22.35	
For 2' Lengths, Add	29.80	
For Standard Strength, Deduct	-7.45	
For >1,000, Deduct	-4.86	
33 41 13 00-0252 LF 24" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	124.83	
For 3' Lengths, Add	29.20	
For 2' Lengths, Add	38.93	
For Standard Strength, Deduct	-9.73	
For >1,000, Deduct	-6.24	
33 41 13 00-0253 LF 30" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	155.66	
For 3' Lengths, Add	36.41	
For 2' Lengths, Add	48.54	
For Standard Strength, Deduct	-12.14	
For >1,000, Deduct	-7.78	
33 41 13 00-0254 LF 36" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	184.72	
For 3' Lengths, Add	43.98	
For 2' Lengths, Add	58.64	
For Standard Strength, Deduct	-14.66	
For >1,000, Deduct	-9.24	

<b>33</b>	<b>Utilities</b>
<b>33 40</b>	<b>Storm Drainage Utilities</b>
<b>33 41</b>	<b>Storm Utility Drainage Piping</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>33 41 13 00-0255</b>	<b>Compression Joint, Extra Strength, Vitrified Clay Piping</b> (33 41 13 00-0242) Note: ASTM C425.		
33 41 13 00-0256	LF 4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	13.20	
	For 3' Lengths, Add	1.28	
	For 2' Lengths, Add	1.70	
	For Standard Strength, Deduct	-0.43	
	For >1,000, Deduct	-0.66	
33 41 13 00-0257	LF 6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	17.71	
	For 3' Lengths, Add	2.08	
	For 2' Lengths, Add	2.78	
	For Standard Strength, Deduct	-0.69	
	For >1,000, Deduct	-0.89	
33 41 13 00-0258	LF 8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	22.41	
	For 3' Lengths, Add	2.94	
	For 2' Lengths, Add	3.92	
	For Standard Strength, Deduct	-0.98	
	For >1,000, Deduct	-1.12	
33 41 13 00-0259	LF 10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	29.88	
	For 3' Lengths, Add	4.83	
	For 2' Lengths, Add	6.44	
	For Standard Strength, Deduct	-1.61	
	For >1,000, Deduct	-1.49	
33 41 13 00-0260	LF 12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	36.69	
	For 3' Lengths, Add	6.35	
	For 2' Lengths, Add	8.46	
	For Standard Strength, Deduct	-2.12	
	For >1,000, Deduct	-1.83	
33 41 13 00-0261	LF 15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	55.85	
	For 3' Lengths, Add	11.57	
	For 2' Lengths, Add	15.43	
	For Standard Strength, Deduct	-3.86	
	For >1,000, Deduct	-2.79	
33 41 13 00-0262	LF 18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	78.02	
	For 3' Lengths, Add	16.94	
	For 2' Lengths, Add	22.59	
	For Standard Strength, Deduct	-5.65	
	For >1,000, Deduct	-3.90	
33 41 13 00-0263	LF 21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	113.09	
	For 3' Lengths, Add	25.77	
	For 2' Lengths, Add	34.36	
	For Standard Strength, Deduct	-8.59	
	For >1,000, Deduct	-5.65	
33 41 13 00-0264	LF 24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	148.36	
	For 3' Lengths, Add	34.61	
	For 2' Lengths, Add	46.14	
	For Standard Strength, Deduct	-11.54	
	For >1,000, Deduct	-7.42	
33 41 13 00-0265	LF 30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	241.82	
	For 3' Lengths, Add	60.20	
	For 2' Lengths, Add	80.26	
	For Standard Strength, Deduct	-20.07	
	For >1,000, Deduct	-12.09	
33 41 13 00-0266	LF 36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	341.34	
	For 3' Lengths, Add	88.67	
	For 2' Lengths, Add	118.23	
	For Standard Strength, Deduct	-29.56	
	For >1,000, Deduct	-17.07	
<b>33 41 13 00-0267</b>	<b>Extra Strength, Vitrified Clay Pipe Fittings</b> (33 41 13 00-0241)		
<b>33 41 13 00-0268</b>	<b>1/8 Bends, Extra Strength, Vitrified Clay</b> (33 41 13 00-0267)		
<b>33 41 13 00-0269</b>	<b>Plain End 1/8 Bend, Extra Strength, Vitrified Clay</b> (33 41 13 00-0268)		
33 41 13 00-0270	EA 4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	48.09	
33 41 13 00-0271	EA 6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	65.62	
33 41 13 00-0272	EA 8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	95.20	
33 41 13 00-0273	EA 10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	132.98	
33 41 13 00-0274	EA 12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	177.03	
33 41 13 00-0275	EA 15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	432.50	
33 41 13 00-0276	EA 18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	611.40	
33 41 13 00-0277	EA 21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	957.09	
33 41 13 00-0278	EA 24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,103.82	
33 41 13 00-0279	EA 30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,280.41	
33 41 13 00-0280	EA 36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,928.71	
<b>33 41 13 00-0281</b>	<b>Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay</b> (33 41 13 00-0268)		
33 41 13 00-0282	EA 4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	54.05	
33 41 13 00-0283	EA 6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	78.05	
33 41 13 00-0284	EA 8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	106.96	
33 41 13 00-0285	EA 10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	145.62	
33 41 13 00-0286	EA 12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	185.99	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0287 EA 15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	484.52	
33 41 13 00-0288 EA 18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	706.98	
33 41 13 00-0289 EA 21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	723.87	
33 41 13 00-0290 EA 24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,414.88	
33 41 13 00-0291 EA 30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,573.17	
33 41 13 00-0292 EA 36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,345.24	
<b>33 41 13 00-0293 1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-0267)</b>		
<b>33 41 13 00-0294 Plain End 1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-0293)</b>		
33 41 13 00-0295 EA 4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	55.55	
33 41 13 00-0296 EA 6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	74.60	
33 41 13 00-0297 EA 8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	105.70	
33 41 13 00-0298 EA 10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	144.48	
33 41 13 00-0299 EA 12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	189.97	
33 41 13 00-0300 EA 15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	446.90	
33 41 13 00-0301 EA 18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	629.36	
33 41 13 00-0302 EA 21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	979.75	
33 41 13 00-0303 EA 24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,131.33	
33 41 13 00-0304 EA 30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,314.71	
33 41 13 00-0305 EA 36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,966.84	
<b>33 41 13 00-0306 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-0293)</b>		
33 41 13 00-0307 EA 4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	62.99	
33 41 13 00-0308 EA 6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	88.82	
33 41 13 00-0309 EA 8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	119.56	
33 41 13 00-0310 EA 10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	159.40	
33 41 13 00-0311 EA 12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	201.53	
33 41 13 00-0312 EA 15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	501.80	
33 41 13 00-0313 EA 18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	728.53	
33 41 13 00-0314 EA 21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,424.60	
33 41 13 00-0315 EA 24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,447.90	
33 41 13 00-0316 EA 30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,614.33	
33 41 13 00-0317 EA 36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,391.01	
<b>33 41 13 00-0318 Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-0267)</b>		
<b>33 41 13 00-0319 Plain End Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-0318)</b>		
33 41 13 00-0320 EA 4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	60.14	
33 41 13 00-0321 EA 6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	79.25	
33 41 13 00-0322 EA 8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	109.40	
33 41 13 00-0323 EA 10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	147.49	
33 41 13 00-0324 EA 12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	187.95	
33 41 13 00-0325 EA 15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	448.78	
33 41 13 00-0326 EA 18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	630.09	
33 41 13 00-0327 EA 21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	913.49	
33 41 13 00-0328 EA 24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,274.98	
33 41 13 00-0329 EA 30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,344.51	
33 41 13 00-0330 EA 36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,944.22	
<b>33 41 13 00-0331 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-0318)</b>		
33 41 13 00-0332 EA 4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	73.64	
33 41 13 00-0333 EA 6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	102.45	
33 41 13 00-0334 EA 8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	136.49	
33 41 13 00-0335 EA 10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	179.72	
33 41 13 00-0336 EA 12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	225.77	
33 41 13 00-0337 EA 15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	546.12	
33 41 13 00-0338 EA 18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	790.23	
33 41 13 00-0339 EA 21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,177.72	
33 41 13 00-0340 EA 24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,563.15	
33 41 13 00-0341 EA 30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,805.35	
33 41 13 00-0342 EA 36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee.....	2,574.77	
<b>33 41 13 00-0343 Vitrified Clay Couplings (33 41 13 00-0241)</b>		
<b>33 41 13 00-0344 Vitrified Clay To Cast Iron Or Plastic Pipe Couplings (33 41 13 00-0343)</b>		
Note: Stainless steel tightening band at each end (Fernco #1002)		
33 41 13 00-0345 EA 4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	24.92	
33 41 13 00-0346 EA 4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	24.64	
33 41 13 00-0347 EA 5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	35.29	
33 41 13 00-0348 EA 5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	33.00	
33 41 13 00-0349 EA 6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	43.86	
33 41 13 00-0350 EA 6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	45.86	
33 41 13 00-0351 EA 6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	41.45	
33 41 13 00-0352 EA 8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	62.08	
33 41 13 00-0353 EA 8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling.....	57.04	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0354	EA		10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	82.49	
33 41 13 00-0355	EA		10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	74.71	
33 41 13 00-0356	EA		12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	103.51	
33 41 13 00-0357	EA		12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	85.64	
33 41 13 00-0358	EA		15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	178.70	
33 41 13 00-0359	EA		15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling .....	136.11	
<b>33 41 13 00-0360</b>			<b>Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings</b> (33 41 13 00-0343)		
			Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 41 13 00-0361	EA		4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	38.11	
33 41 13 00-0362	EA		6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	50.58	
33 41 13 00-0363	EA		6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	53.40	
33 41 13 00-0364	EA		8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	55.99	
33 41 13 00-0365	EA		10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	68.90	
33 41 13 00-0366	EA		12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	79.80	
<b>33 41 13 00-0367</b>			<b>Vitrified Clay To Plastic Pipe Non-Shear Couplings</b> (33 41 13 00-0343)		
			Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 41 13 00-0368	EA		4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	39.05	
33 41 13 00-0369	EA		6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	51.52	
33 41 13 00-0370	EA		6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	47.31	
33 41 13 00-0371	EA		8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	61.66	
33 41 13 00-0372	EA		10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	88.75	
33 41 13 00-0373	EA		12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling .....	100.19	
<b>33 41 13 00-0374</b>			<b>Corrugated Metal Piping</b> (33 41 13)		
<b>33 41 13 00-0375</b>			<b>Galvanized Corrugated Steel Piping</b> (33 41 13 00-0374)		
<b>33 41 13 00-0376</b>			<b>2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0375)		
<b>33 41 13 00-0377</b>			<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0376)		
33 41 13 00-0378	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	18.58	4.63
			For Bituminous Coated Pipe, Add	2.17	
			For Bituminous Coated And 25% Paved, Add	4.43	
			For Smooth-Flo, Add	7.91	
33 41 13 00-0379	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	21.22	4.85
			For Bituminous Coated Pipe, Add	2.72	
			For Bituminous Coated And 25% Paved, Add	5.57	
			For Smooth-Flo, Add	9.95	
33 41 13 00-0380	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	23.97	5.30
			For Bituminous Coated Pipe, Add	3.30	
			For Bituminous Coated And 25% Paved, Add	6.75	
			For Smooth-Flo, Add	12.06	
33 41 13 00-0381	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	27.47	5.73
			For Bituminous Coated Pipe, Add	3.95	
			For Bituminous Coated And 25% Paved, Add	8.08	
			For Smooth-Flo, Add	14.43	
33 41 13 00-0382	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	30.46	6.18
			For Bituminous Coated Pipe, Add	4.44	
			For Bituminous Coated And 25% Paved, Add	9.09	
			For Smooth-Flo, Add	16.23	
33 41 13 00-0383	LF		30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	40.13	7.95
			For Bituminous Coated Pipe, Add	5.77	
			For Bituminous Coated And 25% Paved, Add	11.80	
			For Smooth-Flo, Add	21.07	
33 41 13 00-0384	LF		36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	51.90	10.30
			For Bituminous Coated Pipe, Add	7.27	
			For Bituminous Coated And 25% Paved, Add	14.87	
			For Smooth-Flo, Add	26.56	
33 41 13 00-0385	LF		42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	59.40	12.17
			For Bituminous Coated Pipe, Add	8.61	
			For Bituminous Coated And 25% Paved, Add	17.60	
			For Smooth-Flo, Add	31.44	
33 41 13 00-0386	LF		48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	66.72	14.05
			For Bituminous Coated Pipe, Add	9.64	
			For Bituminous Coated And 25% Paved, Add	19.72	
			For Smooth-Flo, Add	35.21	
<b>33 41 13 00-0387</b>			<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0376)		
33 41 13 00-0388	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	20.51	4.63
			For Bituminous Coated Pipe, Add	2.20	
			For Bituminous Coated And 25% Paved, Add	5.09	
			For Smooth-Flo, Add	10.29	
33 41 13 00-0389	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	23.60	4.85
			For Bituminous Coated Pipe, Add	2.76	
			For Bituminous Coated And 25% Paved, Add	6.38	
			For Smooth-Flo, Add	12.90	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0390	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	26.85 3.34 7.73 15.63	5.30
33 41 13 00-0391	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	30.79 3.97 9.19 18.58	5.73
33 41 13 00-0392	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	34.33 4.49 10.40 21.03	6.18
33 41 13 00-0393	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	44.85 5.77 13.36 27.01	7.95
33 41 13 00-0394	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	57.63 7.23 16.75 33.85	10.30
33 41 13 00-0395	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	65.96 8.51 19.71 39.85	12.17
33 41 13 00-0396	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	74.23 9.56 22.16 44.78	14.05
33 41 13 00-0397	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	89.07 11.76 27.25 55.08	15.92
<b>33 41 13 00-0398</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping<sup>(33)</sup></b> <small><sup>41 13 00-0376)</sup></small>		
33 41 13 00-0399	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	32.81 3.82 6.90 13.26	5.30
33 41 13 00-0400	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	37.72 4.52 8.16 15.68	5.73
33 41 13 00-0401	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	42.22 5.12 9.25 17.77	5.73
33 41 13 00-0402	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	54.60 6.51 11.76 22.60	7.95
33 41 13 00-0403	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	69.21 8.05 14.54 27.94	10.30
33 41 13 00-0404	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	79.34 9.44 17.04 32.75	12.17
33 41 13 00-0405	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	89.56 10.65 19.24 36.98	14.05
33 41 13 00-0406	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	105.99 12.77 23.07 44.33	15.92
33 41 13 00-0407	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	115.91 13.99 25.26 48.55	16.85
33 41 13 00-0408	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	140.52 17.03 30.76 59.11	20.60
<b>33 41 13 00-0409</b>		<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping<sup>(33)</sup></b> <small><sup>41 13 00-0376)</sup></small>		
33 41 13 00-0410	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	80.04 10.24 17.11 24.41	10.30

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0411	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	92.01	12.17
			<i>For Bituminous Coated Pipe, Add</i>	12.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	20.04	
			<i>For Smooth-Flo, Add</i>	28.60	
33 41 13 00-0412	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	103.94	14.05
			<i>For Bituminous Coated Pipe, Add</i>	13.56	
			<i>For Bituminous Coated And 25% Paved, Add</i>	22.65	
			<i>For Smooth-Flo, Add</i>	32.32	
33 41 13 00-0413	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	122.11	15.92
			<i>For Bituminous Coated Pipe, Add</i>	16.06	
			<i>For Bituminous Coated And 25% Paved, Add</i>	26.83	
			<i>For Smooth-Flo, Add</i>	38.28	
33 41 13 00-0414	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	133.84	16.85
			<i>For Bituminous Coated Pipe, Add</i>	17.64	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.46	
			<i>For Smooth-Flo, Add</i>	42.04	
33 41 13 00-0415	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	160.23	20.60
			<i>For Bituminous Coated Pipe, Add</i>	21.10	
			<i>For Bituminous Coated And 25% Paved, Add</i>	35.25	
			<i>For Smooth-Flo, Add</i>	50.29	
33 41 13 00-0416	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	188.32	29.96
			<i>For Bituminous Coated Pipe, Add</i>	22.66	
			<i>For Bituminous Coated And 25% Paved, Add</i>	37.85	
			<i>For Smooth-Flo, Add</i>	54.00	
33 41 13 00-0417			<b>3" x 1" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0375)		
33 41 13 00-0418			<b>16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0417)		
33 41 13 00-0419	LF		36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	61.84	10.30
			<i>For Bituminous Coated Pipe, Add</i>	8.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	18.16	
			<i>For Smooth-Flo, Add</i>	36.15	
33 41 13 00-0420	LF		42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	70.79	12.17
			<i>For Bituminous Coated Pipe, Add</i>	9.39	
			<i>For Bituminous Coated And 25% Paved, Add</i>	21.32	
			<i>For Smooth-Flo, Add</i>	42.44	
33 41 13 00-0421	LF		48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	79.55	14.05
			<i>For Bituminous Coated Pipe, Add</i>	10.53	
			<i>For Bituminous Coated And 25% Paved, Add</i>	23.91	
			<i>For Smooth-Flo, Add</i>	47.60	
33 41 13 00-0422	LF		54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	95.18	15.92
			<i>For Bituminous Coated Pipe, Add</i>	12.87	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.21	
			<i>For Smooth-Flo, Add</i>	58.15	
33 41 13 00-0423	LF		60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	103.70	16.85
			<i>For Bituminous Coated Pipe, Add</i>	14.02	
			<i>For Bituminous Coated And 25% Paved, Add</i>	31.82	
			<i>For Smooth-Flo, Add</i>	63.35	
33 41 13 00-0424	LF		66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	130.36	20.60
			<i>For Bituminous Coated Pipe, Add</i>	18.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	40.87	
			<i>For Smooth-Flo, Add</i>	81.38	
33 41 13 00-0425	LF		72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	155.54	29.96
			<i>For Bituminous Coated Pipe, Add</i>	19.19	
			<i>For Bituminous Coated And 25% Paved, Add</i>	43.56	
			<i>For Smooth-Flo, Add</i>	86.74	
33 41 13 00-0426	LF		78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	167.46	32.77
			<i>For Bituminous Coated Pipe, Add</i>	20.38	
			<i>For Bituminous Coated And 25% Paved, Add</i>	46.27	
			<i>For Smooth-Flo, Add</i>	92.13	
33 41 13 00-0427	LF		84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	178.10	35.11
			<i>For Bituminous Coated Pipe, Add</i>	21.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	48.97	
			<i>For Smooth-Flo, Add</i>	97.51	
33 41 13 00-0428	LF		90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	188.76	37.46
			<i>For Bituminous Coated Pipe, Add</i>	22.77	
			<i>For Bituminous Coated And 25% Paved, Add</i>	51.69	
			<i>For Smooth-Flo, Add</i>	102.92	
33 41 13 00-0429	LF		96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	199.72	39.80
			<i>For Bituminous Coated Pipe, Add</i>	23.96	
			<i>For Bituminous Coated And 25% Paved, Add</i>	54.38	
			<i>For Smooth-Flo, Add</i>	108.28	
33 41 13 00-0430	LF		102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	212.03	42.13
			<i>For Bituminous Coated Pipe, Add</i>	25.16	
			<i>For Bituminous Coated And 25% Paved, Add</i>	57.10	
			<i>For Smooth-Flo, Add</i>	113.71	
33 41 13 00-0431			<b>14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0417)		
33 41 13 00-0432	LF		54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	105.32	15.92
			<i>For Bituminous Coated Pipe, Add</i>	14.89	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.19	
			<i>For Smooth-Flo, Add</i>	58.98	



	<b>Utilities</b>	<b>33</b>	
	<b>Storm Drainage Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0433	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	114.92 16.26 31.87 64.39	16.85
33 41	13 00-0434	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	142.70 20.47 40.13 81.07	20.60
33 41	13 00-0435	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	168.99 21.88 42.88 86.64	29.96
33 41	13 00-0436	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	181.98 23.29 45.64 92.21	32.77
33 41	13 00-0437	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	193.76 24.71 48.42 97.84	35.11
33 41	13 00-0438	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	205.48 26.11 51.18 103.41	37.46
33 41	13 00-0439	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	217.54 27.52 53.94 108.98	39.80
33 41	13 00-0440	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	230.93 28.94 56.71 114.59	42.13
33 41	13 00-0441	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	245.40 30.35 59.49 120.19	46.82
33 41	13 00-0442	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	259.55 31.74 62.21 125.70	51.50
<b>33 41</b>	<b>13 00-0443</b>		<b>12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping</b> <small>(33 41 13 00-0417)</small>		
33 41	13 00-0444	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	139.80 21.24 40.45 65.94	16.85
33 41	13 00-0445	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	170.26 25.98 49.50 80.68	20.60
33 41	13 00-0446	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	198.95 27.87 53.10 86.54	29.96
33 41	13 00-0447	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	214.37 29.76 56.70 92.42	32.77
33 41	13 00-0448	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	228.56 31.67 60.32 98.32	35.11
33 41	13 00-0449	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	242.70 33.56 63.93 104.20	37.46
33 41	13 00-0450	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	257.22 35.46 67.54 110.09	39.80
33 41	13 00-0451	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	273.03 37.36 71.16 115.99	42.13
33 41	13 00-0452	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	289.89 39.25 74.77 121.87	46.82
33 41	13 00-0453	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	306.48 41.13 78.35 127.70	51.50

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0454	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	322.61 43.03 81.97 133.61	56.18
<b>33 41</b>	<b>13 00-0455</b>		<b>10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0417)		
33 41	13 00-0456	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	226.89 33.46 63.57 84.99	29.96
33 41	13 00-0457	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	244.60 35.81 68.04 90.96	32.77
33 41	13 00-0458	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	261.08 38.17 72.52 96.95	35.11
33 41	13 00-0459	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	277.52 40.52 76.99 102.93	37.46
33 41	13 00-0460	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	294.33 42.88 81.47 108.91	39.80
33 41	13 00-0461	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	312.44 45.24 85.95 114.90	42.13
33 41	13 00-0462	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	331.58 47.59 90.42 120.87	46.82
33 41	13 00-0463	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	350.45 49.92 94.85 126.80	51.50
33 41	13 00-0464	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	368.89 52.29 99.34 132.81	56.18
33 41	13 00-0465	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	388.13 54.63 103.79 138.76	60.87
33 41	13 00-0466	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	408.61 56.99 108.28 144.75	65.55
33 41	13 00-0467	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	430.53 59.35 112.77 150.75	70.23
<b>33 41</b>	<b>13 00-0468</b>		<b>125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0375)		
<b>33 41</b>	<b>13 00-0469</b>		<b>16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b> (33 41 13 00-0468)		
33 41	13 00-0470	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	79.85 13.24 30.19 47.93	14.05
33 41	13 00-0471	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	95.74 16.22 36.99 58.73	15.92
33 41	13 00-0472	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	104.20 17.65 40.23 63.87	16.85
33 41	13 00-0473	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	129.19 22.21 50.64 80.41	20.60
33 41	13 00-0474	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	154.24 23.66 53.95 85.66	29.96





	<b>Utilities</b>	<b>33</b>	
	<b>Storm Drainage Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0475	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	165.98 25.11 57.25 90.89	32.77
33 41	13 00-0476	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	176.41 26.55 60.52 96.09	35.11
33 41	13 00-0477	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	186.82 27.98 63.79 101.28	37.46
33 41	13 00-0478	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	197.67 29.43 67.11 106.55	39.80
33 41	13 00-0479	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	209.94 30.92 70.50 111.94	42.13
<b>33 41</b>	<b>13 00-0480</b>		<b>14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b> <small>(33 41 13 00-0480)</small>		
33 41	13 00-0481	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	108.42 15.51 36.46 66.01	15.92
33 41	13 00-0482	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	118.29 16.93 39.79 72.05	16.85
33 41	13 00-0483	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	144.57 20.85 48.99 88.70	20.60
33 41	13 00-0484	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	170.85 22.25 52.29 94.68	29.96
33 41	13 00-0485	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	184.09 23.71 55.71 100.88	32.77
33 41	13 00-0486	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	195.94 25.14 59.08 106.98	35.11
33 41	13 00-0487	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	207.05 26.43 62.11 112.45	37.46
33 41	13 00-0488	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	219.95 28.00 65.80 119.15	39.80
33 41	13 00-0489	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	233.41 29.43 69.17 125.23	42.13
33 41	13 00-0490	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	247.88 30.85 72.49 131.26	46.82
33 41	13 00-0491	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	262.34 32.30 75.91 137.44	51.50
<b>33 41</b>	<b>13 00-0492</b>		<b>12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b> <small>(33 41 13 00-0492)</small>		
33 41	13 00-0493	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	144.68 22.21 42.20 76.19	16.85
33 41	13 00-0494	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	173.63 26.66 50.65 91.44	20.60
33 41	13 00-0495	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	202.68 28.62 54.37 98.16	29.96

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0496	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	218.37	32.77
			<i>For Bituminous Coated Pipe, Add</i>	30.56	
			<i>For Bituminous Coated And 25% Paved, Add</i>	58.07	
			<i>For Smooth-Flo, Add</i>	104.83	
33 41	13 00-0497	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	232.69	35.11
			<i>For Bituminous Coated Pipe, Add</i>	32.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	61.73	
			<i>For Smooth-Flo, Add</i>	111.45	
33 41	13 00-0498	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	247.15	37.46
			<i>For Bituminous Coated Pipe, Add</i>	34.45	
			<i>For Bituminous Coated And 25% Paved, Add</i>	65.45	
			<i>For Smooth-Flo, Add</i>	118.16	
33 41	13 00-0499	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	261.89	39.80
			<i>For Bituminous Coated Pipe, Add</i>	36.39	
			<i>For Bituminous Coated And 25% Paved, Add</i>	69.14	
			<i>For Smooth-Flo, Add</i>	124.82	
33 41	13 00-0500	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	277.89	42.13
			<i>For Bituminous Coated Pipe, Add</i>	38.33	
			<i>For Bituminous Coated And 25% Paved, Add</i>	72.82	
			<i>For Smooth-Flo, Add</i>	131.47	
33 41	13 00-0501	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	295.06	46.82
			<i>For Bituminous Coated Pipe, Add</i>	40.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	76.54	
			<i>For Smooth-Flo, Add</i>	138.17	
33 41	13 00-0502	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	311.97	51.50
			<i>For Bituminous Coated Pipe, Add</i>	42.23	
			<i>For Bituminous Coated And 25% Paved, Add</i>	80.23	
			<i>For Smooth-Flo, Add</i>	144.84	
33 41	13 00-0503	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	328.30	56.18
			<i>For Bituminous Coated Pipe, Add</i>	44.17	
			<i>For Bituminous Coated And 25% Paved, Add</i>	83.92	
			<i>For Smooth-Flo, Add</i>	151.50	
<b>33 41 13 00-0504 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b>					
			<small>(33 41 13 00-0468)</small>		
33 41	13 00-0505	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	233.16	29.96
			<i>For Bituminous Coated Pipe, Add</i>	34.71	
			<i>For Bituminous Coated And 25% Paved, Add</i>	65.96	
			<i>For Smooth-Flo, Add</i>	103.62	
33 41	13 00-0506	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	251.68	32.77
			<i>For Bituminous Coated Pipe, Add</i>	37.23	
			<i>For Bituminous Coated And 25% Paved, Add</i>	70.73	
			<i>For Smooth-Flo, Add</i>	111.12	
33 41	13 00-0507	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	268.66	35.11
			<i>For Bituminous Coated Pipe, Add</i>	39.69	
			<i>For Bituminous Coated And 25% Paved, Add</i>	75.40	
			<i>For Smooth-Flo, Add</i>	118.46	
33 41	13 00-0508	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	285.52	37.46
			<i>For Bituminous Coated Pipe, Add</i>	42.12	
			<i>For Bituminous Coated And 25% Paved, Add</i>	80.03	
			<i>For Smooth-Flo, Add</i>	125.73	
33 41	13 00-0509	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	302.87	39.80
			<i>For Bituminous Coated Pipe, Add</i>	44.59	
			<i>For Bituminous Coated And 25% Paved, Add</i>	84.71	
			<i>For Smooth-Flo, Add</i>	133.09	
33 41	13 00-0510	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	321.38	42.13
			<i>For Bituminous Coated Pipe, Add</i>	47.03	
			<i>For Bituminous Coated And 25% Paved, Add</i>	89.35	
			<i>For Smooth-Flo, Add</i>	140.37	
33 41	13 00-0511	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	341.07	46.82
			<i>For Bituminous Coated Pipe, Add</i>	49.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	94.02	
			<i>For Smooth-Flo, Add</i>	147.72	
33 41	13 00-0512	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	360.54	51.50
			<i>For Bituminous Coated Pipe, Add</i>	51.94	
			<i>For Bituminous Coated And 25% Paved, Add</i>	98.69	
			<i>For Smooth-Flo, Add</i>	155.04	
33 41	13 00-0513	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	379.36	56.18
			<i>For Bituminous Coated Pipe, Add</i>	54.38	
			<i>For Bituminous Coated And 25% Paved, Add</i>	103.32	
			<i>For Smooth-Flo, Add</i>	162.32	
33 41	13 00-0514	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	403.01	60.87
			<i>For Bituminous Coated Pipe, Add</i>	57.60	
			<i>For Bituminous Coated And 25% Paved, Add</i>	109.45	
			<i>For Smooth-Flo, Add</i>	171.95	
33 41	13 00-0515	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	424.97	65.55
			<i>For Bituminous Coated Pipe, Add</i>	60.26	
			<i>For Bituminous Coated And 25% Paved, Add</i>	114.49	
			<i>For Smooth-Flo, Add</i>	179.88	
33 41	13 00-0516	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	448.88	70.23
			<i>For Bituminous Coated Pipe, Add</i>	63.02	
			<i>For Bituminous Coated And 25% Paved, Add</i>	119.74	
			<i>For Smooth-Flo, Add</i>	188.12	



	<b>Utilities</b>	<b>33</b>	
	<b>Storm Drainage Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 41 13 00-0517</b> Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0375)</small>		
<b>33 41 13 00-0518</b> 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0517)</small>		
33 41 13 00-0519 LF 18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	27.84	5.30
For Bituminous Coated Pipe, Add	4.08	
33 41 13 00-0520 LF 21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	32.01	5.73
For Bituminous Coated Pipe, Add	4.86	
33 41 13 00-0521 LF 24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	35.79	6.18
For Bituminous Coated Pipe, Add	5.52	
33 41 13 00-0522 LF 30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	46.82	7.95
For Bituminous Coated Pipe, Add	7.11	
33 41 13 00-0523 LF 36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	60.11	10.30
For Bituminous Coated Pipe, Add	8.91	
33 41 13 00-0524 LF 42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	68.95	12.17
For Bituminous Coated Pipe, Add	10.51	
33 41 13 00-0525 LF 48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	77.67	14.05
For Bituminous Coated Pipe, Add	11.83	
33 41 13 00-0526 LF 54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	93.04	15.92
For Bituminous Coated Pipe, Add	14.49	
33 41 13 00-0527 LF 60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	101.52	16.85
For Bituminous Coated Pipe, Add	15.82	
<b>33 41 13 00-0528</b> 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0517)</small>		
33 41 13 00-0529 LF 18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	30.76	5.30
For Bituminous Coated Pipe, Add	4.72	
33 41 13 00-0530 LF 21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	35.43	5.73
For Bituminous Coated Pipe, Add	5.61	
33 41 13 00-0531 LF 24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	39.68	6.18
For Bituminous Coated Pipe, Add	6.37	
33 41 13 00-0532 LF 30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	51.66	7.95
For Bituminous Coated Pipe, Add	8.17	
33 41 13 00-0533 LF 36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	65.93	10.30
For Bituminous Coated Pipe, Add	10.18	
33 41 13 00-0534 LF 42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	75.76	12.17
For Bituminous Coated Pipe, Add	11.99	
33 41 13 00-0535 LF 48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	85.44	14.05
For Bituminous Coated Pipe, Add	13.53	
33 41 13 00-0536 LF 54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	101.79	15.92
For Bituminous Coated Pipe, Add	16.39	
33 41 13 00-0537 LF 60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	111.26	16.85
For Bituminous Coated Pipe, Add	17.93	
33 41 13 00-0538 LF 66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	136.79	20.60
For Bituminous Coated Pipe, Add	22.28	
33 41 13 00-0539 LF 72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	162.65	29.96
For Bituminous Coated Pipe, Add	23.81	
33 41 13 00-0540 LF 78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	175.33	32.77
For Bituminous Coated Pipe, Add	25.36	
<b>33 41 13 00-0541</b> 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0517)</small>		
33 41 13 00-0542 LF 30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	61.46	7.95
For Bituminous Coated Pipe, Add	8.54	
33 41 13 00-0543 LF 36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	77.64	10.30
For Bituminous Coated Pipe, Add	10.54	
33 41 13 00-0544 LF 42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	89.47	12.17
For Bituminous Coated Pipe, Add	12.40	
33 41 13 00-0545 LF 48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	101.09	14.05
For Bituminous Coated Pipe, Add	14.02	
33 41 13 00-0546 LF 54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	119.41	15.92
For Bituminous Coated Pipe, Add	16.74	
33 41 13 00-0547 LF 60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	130.86	16.85
For Bituminous Coated Pipe, Add	18.38	
33 41 13 00-0548 LF 66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	158.30	20.60
For Bituminous Coated Pipe, Add	22.29	
33 41 13 00-0549 LF 72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	186.09	29.96
For Bituminous Coated Pipe, Add	23.91	
33 41 13 00-0550 LF 78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	200.70	32.77
For Bituminous Coated Pipe, Add	25.54	
33 41 13 00-0551 LF 84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	213.99	35.11
For Bituminous Coated Pipe, Add	27.17	
33 41 13 00-0552 LF 90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	227.26	37.46
For Bituminous Coated Pipe, Add	28.79	
33 41 13 00-0553 LF 96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	240.88	39.80
For Bituminous Coated Pipe, Add	30.42	
33 41 13 00-0554 LF 102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	254.83	42.13
For Bituminous Coated Pipe, Add	31.86	
<b>33 41 13 00-0555</b> 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0375)</small>		
<b>33 41 13 00-0556</b> 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0555)</small>		

<b>33</b>	<b>Utilities</b>
<b>33 40</b>	<b>Storm Drainage Utilities</b>
<b>33 41</b>	<b>Storm Utility Drainage Piping</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0557	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	9.55 1.04	2.65
33 41	13 00-0558	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.42 1.25	2.65
33 41	13 00-0559	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	12.05 1.38	3.31
33 41	13 00-0560	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.16 1.65	3.31
33 41	13 00-0561	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	15.21 1.73	3.97
33 41	13 00-0562	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.62 2.08	3.97
<b>33 41</b>	<b>13 00-0563</b>		<b>Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping</b> <sup>(33)</sup>		
33 41	13 00-0564	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	9.68 1.03	2.65
33 41	13 00-0565	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.52 1.23	2.65
33 41	13 00-0566	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	12.17 1.35	3.31
33 41	13 00-0567	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.35 1.63	3.31
33 41	13 00-0568	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	15.42 1.71	3.97
33 41	13 00-0569	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.86 2.05	3.97
<b>33 41</b>	<b>13 00-0570</b>		<b>1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings</b> <sup>(33 41 13 00-0555)</sup>		
33 41	13 00-0571	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	6.44 1.45	
33 41	13 00-0572	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	8.52 1.92	
33 41	13 00-0573	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.45 2.35	
33 41	13 00-0574	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.22 3.20	
33 41	13 00-0575	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	4.57 0.73	
33 41	13 00-0576	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	5.89 1.10	
<b>33 41</b>	<b>13 00-0577</b>		<b>2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping</b> <sup>(33 41 13 00-0375)</sup>		
<b>33 41</b>	<b>13 00-0578</b>		<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping</b> <sup>(33 41 13 00-0577)</sup>		
33 41	13 00-0579	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	31.36	4.63
33 41	13 00-0580	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	37.33	4.85
33 41	13 00-0581	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	43.51	5.30
33 41	13 00-0582	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	50.81	5.73
33 41	13 00-0583	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	56.77	6.18
33 41	13 00-0584	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	74.20	7.95
33 41	13 00-0585	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	94.93	10.30
33 41	13 00-0586	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	110.29	12.17
33 41	13 00-0587	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	123.74	14.05
<b>33 41</b>	<b>13 00-0588</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping</b> <sup>(33 41 13 00-0577)</sup>		
33 41	13 00-0589	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	36.06	4.63
33 41	13 00-0590	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	43.16	4.85
33 41	13 00-0591	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	50.49	5.30
33 41	13 00-0592	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	58.89	5.73
33 41	13 00-0593	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	66.15	6.18
33 41	13 00-0594	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	85.72	7.95
33 41	13 00-0595	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	108.84	10.30
33 41	13 00-0596	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	126.25	12.17
33 41	13 00-0597	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	141.95	14.05
33 41	13 00-0598	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	172.37	15.92
<b>33 41</b>	<b>13 00-0599</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping</b> <sup>(33 41 13 00-0577)</sup>		
33 41	13 00-0600	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	65.03	5.30
33 41	13 00-0601	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	75.87	5.73
33 41	13 00-0602	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	85.46	6.18
33 41	13 00-0603	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	109.84	7.95
33 41	13 00-0604	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	131.87	10.30
33 41	13 00-0605	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	159.99	12.17
33 41	13 00-0606	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	180.46	14.05



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0607 LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	216.31	15.92
33 41 13 00-0608 LF 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	236.40	16.85
33 41 13 00-0609 LF 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	289.76	20.60
<b>33 41 13 00-0610 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0577)</b>		
33 41 13 00-0611 LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	164.22	10.30
33 41 13 00-0612 LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	190.73	12.17
33 41 13 00-0613 LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	215.38	14.05
33 41 13 00-0614 LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	255.43	15.92
33 41 13 00-0615 LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	279.94	16.85
33 41 13 00-0616 LF 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	337.58	20.60
33 41 13 00-0617 LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	378.27	29.96
<b>33 41 13 00-0618 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0375)</b>		
<b>33 41 13 00-0619 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0618)</b>		
33 41 13 00-0620 LF 36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	121.63	10.30
33 41 13 00-0621 LF 42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	141.08	12.17
33 41 13 00-0622 LF 48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	158.26	14.05
33 41 13 00-0623 LF 54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	192.01	15.92
33 41 13 00-0624 LF 60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	209.06	16.85
33 41 13 00-0625 LF 66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	266.87	20.60
33 41 13 00-0626 LF 72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	300.86	29.96
33 41 13 00-0627 LF 78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	321.56	32.77
33 41 13 00-0628 LF 84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	341.03	35.11
33 41 13 00-0629 LF 90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	360.52	37.46
33 41 13 00-0630 LF 96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	380.28	39.80
33 41 13 00-0631 LF 102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	401.46	42.13
<b>33 41 13 00-0632 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0618)</b>		
33 41 13 00-0633 LF 54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	217.15	15.92
33 41 13 00-0634 LF 60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	236.85	16.85
33 41 13 00-0635 LF 66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	297.48	20.60
33 41 13 00-0636 LF 72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	334.16	29.96
33 41 13 00-0637 LF 78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	357.58	32.77
33 41 13 00-0638 LF 84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	379.87	35.11
33 41 13 00-0639 LF 90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	402.00	37.46
33 41 13 00-0640 LF 96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	424.47	39.80
33 41 13 00-0641 LF 102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	448.38	42.13
33 41 13 00-0642 LF 108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	473.31	46.82
33 41 13 00-0643 LF 114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	497.73	51.50
<b>33 41 13 00-0644 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0618)</b>		
33 41 13 00-0645 LF 60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	300.09	16.85
33 41 13 00-0646 LF 66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	367.83	20.60
33 41 13 00-0647 LF 72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	410.61	29.96
33 41 13 00-0648 LF 78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	440.16	32.77
33 41 13 00-0649 LF 84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	468.54	35.11
33 41 13 00-0650 LF 90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	496.81	37.46
33 41 13 00-0651 LF 96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	525.46	39.80
33 41 13 00-0652 LF 102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	555.47	42.13
33 41 13 00-0653 LF 108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	586.45	46.82
33 41 13 00-0654 LF 114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	617.08	51.50
33 41 13 00-0655 LF 120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	647.41	56.18
<b>33 41 13 00-0656 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0618)</b>		
33 41 13 00-0657 LF 72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	480.27	29.96
33 41 13 00-0658 LF 78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	515.49	32.77
33 41 13 00-0659 LF 84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	549.60	35.11
33 41 13 00-0660 LF 90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	583.57	37.46
33 41 13 00-0661 LF 96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	617.95	39.80
33 41 13 00-0662 LF 102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	653.67	42.13
33 41 13 00-0663 LF 108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	690.37	46.82
33 41 13 00-0664 LF 114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	726.69	51.50
33 41 13 00-0665 LF 120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	762.74	56.18
33 41 13 00-0666 LF 126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	799.48	60.87
33 41 13 00-0667 LF 132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	837.57	65.55
33 41 13 00-0668 LF 138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	877.12	70.23
<b>33 41 13 00-0669 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0375)</b>		
<b>33 41 13 00-0670 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 41 13 00-0669)</b>		
33 41 13 00-0671 LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	152.84	14.05

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0672 LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	186.04	15.92
33 41 13 00-0673 LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	202.22	16.85
33 41 13 00-0674 LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	254.16	20.60
33 41 13 00-0675 LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	287.12	29.96
33 41 13 00-0676 LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	306.73	32.77
33 41 13 00-0677 LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	324.98	35.11
33 41 13 00-0678 LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	343.17	37.46
33 41 13 00-0679 LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	361.92	39.80
33 41 13 00-0680 LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	382.34	42.13
<b>33 41 13 00-0681 14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping</b> <small>(33 41 13 00-0669)</small>		
33 41 13 00-0682 LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	215.91	15.92
33 41 13 00-0683 LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	235.49	16.85
33 41 13 00-0684 LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	290.44	20.60
33 41 13 00-0685 LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	326.32	29.96
33 41 13 00-0686 LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	349.48	32.77
33 41 13 00-0687 LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	371.05	35.11
33 41 13 00-0688 LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	390.91	37.46
33 41 13 00-0689 LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	414.50	39.80
33 41 13 00-0690 LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	437.70	42.13
33 41 13 00-0691 LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	461.78	46.82
33 41 13 00-0692 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	486.12	51.50
<b>33 41 13 00-0693 12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping</b> <small>(33 41 13 00-0669)</small>		
33 41 13 00-0694 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	302.16	16.85
33 41 13 00-0695 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	364.21	20.60
33 41 13 00-0696 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	407.06	29.96
33 41 13 00-0697 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	436.34	32.77
33 41 13 00-0698 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	464.17	35.11
33 41 13 00-0699 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	492.35	37.46
33 41 13 00-0700 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	520.71	39.80
33 41 13 00-0701 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	550.25	42.13
33 41 13 00-0702 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	581.14	46.82
33 41 13 00-0703 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	611.66	51.50
33 41 13 00-0704 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	641.58	56.18
<b>33 41 13 00-0705 10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping</b> <small>(33 41 13 00-0669)</small>		
33 41 13 00-0706 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	480.24	29.96
33 41 13 00-0707 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	516.33	32.77
33 41 13 00-0708 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	550.56	35.11
33 41 13 00-0709 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	584.51	37.46
33 41 13 00-0710 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	619.06	39.80
33 41 13 00-0711 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	654.72	42.13
33 41 13 00-0712 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	691.60	46.82
33 41 13 00-0713 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	728.26	51.50
33 41 13 00-0714 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	764.22	56.18
33 41 13 00-0715 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	810.43	60.87
33 41 13 00-0716 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	851.03	65.55
33 41 13 00-0717 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	894.26	70.23
<b>33 41 13 00-0718 Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0374)</small>		
<b>33 41 13 00-0719 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0718)</small>		
<b>33 41 13 00-0720 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0719)</small>		
33 41 13 00-0721 LF 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	21.87	4.85
For Bituminous Coated Pipe, Add	2.97	
For Bituminous Coated And 25% Paved, Add	7.17	
For Smooth-Flo, Add	11.83	
33 41 13 00-0722 LF 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	24.56	5.30
For Bituminous Coated Pipe, Add	3.54	
For Bituminous Coated And 25% Paved, Add	8.57	
For Smooth-Flo, Add	14.13	
33 41 13 00-0723 LF 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	28.28	5.73
For Bituminous Coated Pipe, Add	4.27	
For Bituminous Coated And 25% Paved, Add	10.31	
For Smooth-Flo, Add	17.01	
33 41 13 00-0724 LF 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	31.83	6.18
For Bituminous Coated Pipe, Add	4.91	
For Bituminous Coated And 25% Paved, Add	11.88	
For Smooth-Flo, Add	19.59	



	<b>Utilities</b>	<b>33</b>	
	<b>Storm Drainage Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0725	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	41.36 6.24 15.09 24.88	7.95
33 41 13 00-0726	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	54.17 8.05 19.46 32.09	10.30
<b>33 41 13 00-0727</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0719)</small>		
33 41 13 00-0728	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	24.28 3.08 7.20 11.81	4.85
33 41 13 00-0729	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	27.50 3.69 8.64 14.17	5.30
33 41 13 00-0730	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	31.56 4.39 10.27 16.84	5.73
33 41 13 00-0731	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	35.63 5.06 11.84 19.41	6.18
33 41 13 00-0732	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	46.10 6.41 14.99 24.59	7.95
33 41 13 00-0733	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	59.81 8.16 19.09 31.32	10.30
33 41 13 00-0734	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	69.06 9.72 22.75 37.31	12.17
<b>33 41 13 00-0735</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0719)</small>		
33 41 13 00-0736	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	35.87 3.99 8.89 13.66	5.62
33 41 13 00-0737	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	41.17 4.74 10.54 16.21	6.09
33 41 13 00-0738	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	46.39 5.43 12.09 18.59	6.55
33 41 13 00-0739	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	59.71 6.84 15.22 23.41	8.42
33 41 13 00-0740	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	71.32 8.56 19.05 29.29	10.30
33 41 13 00-0741	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	82.35 10.12 22.53 34.64	12.17
33 41 13 00-0742	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	96.28 12.00 26.72 41.08	14.05
33 41 13 00-0743	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	107.47 13.26 29.50 45.36	15.92
<b>33 41 13 00-0744</b>		<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0719)</small>		
33 41 13 00-0745	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	82.16 10.31 21.71 27.38	10.30

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0746	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	94.98 12.16 25.61 32.30	12.17
33 41 13 00-0747	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	110.59 14.31 30.13 38.00	14.05
33 41 13 00-0748	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	123.66 15.87 33.41 42.14	15.92
33 41 13 00-0749	LF		71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	135.51 17.42 36.68 46.26	16.85
33 41 13 00-0750			<b>3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0718)</small>		
33 41 13 00-0751			<b>14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0750)</small>		
33 41 13 00-0752	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	107.32 15.29 46.49 52.00	15.92
33 41 13 00-0753	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	117.30 16.74 50.88 56.90	16.85
33 41 13 00-0754	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	145.44 21.02 63.90 71.47	20.60
33 41 13 00-0755	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	172.27 22.54 68.51 76.62	29.96
33 41 13 00-0756	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	186.18 24.13 73.34 82.03	32.77
33 41 13 00-0757	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	198.87 25.73 78.21 87.48	35.11
33 41 13 00-0758	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	211.50 27.32 83.05 92.88	37.46
33 41 13 00-0759	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	224.47 28.91 87.87 98.28	39.80
33 41 13 00-0760			<b>12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0750)</small>		
33 41 13 00-0761	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	142.21 21.72 56.90 67.33	16.85
33 41 13 00-0762	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	173.07 26.55 69.55 82.29	20.60
33 41 13 00-0763	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	202.34 28.55 74.80 88.51	29.96
33 41 13 00-0764	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	218.69 30.63 80.25 94.95	32.77
33 41 13 00-0765	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	233.80 32.71 85.71 101.41	35.11
33 41 13 00-0766	LF		103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	248.88 34.79 91.16 107.86	37.46
33 41 13 00-0767	LF		112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	264.27 36.87 96.59 114.28	39.80





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0768 LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	281.06 38.96 102.08 120.78	42.13
33 41 13 00-0769 LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	298.86 41.04 107.54 127.24	46.82
33 41 13 00-0770 LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	317.50 43.33 113.53 134.33	51.50
<b>33 41 13 00-0771 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch (33 41 13 00-0750)</b>		
33 41 13 00-0772 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	230.28 34.14 81.25 88.25	29.96
33 41 13 00-0773 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	248.94 36.68 87.29 94.81	32.77
33 41 13 00-0774 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	266.34 39.22 93.35 101.39	35.11
33 41 13 00-0775 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	283.68 41.75 99.37 107.93	37.46
33 41 13 00-0776 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	301.38 44.29 105.41 114.48	39.80
33 41 13 00-0777 LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	320.44 46.84 111.47 121.08	42.13
33 41 13 00-0778 LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	340.53 49.38 117.52 127.64	46.82
33 41 13 00-0779 LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	361.28 52.09 123.97 134.65	51.50
33 41 13 00-0780 LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	384.17 55.34 131.71 143.06	56.18
<b>33 41 13 00-0781 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch (33 41 13 00-0718)</b>		
<b>33 41 13 00-0782 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch (33 41 13 00-0781)</b>		
33 41 13 00-0783 LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	205.08 29.10 71.00 90.35	29.96
33 41 13 00-0784 LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	221.16 31.12 75.94 96.63	32.77
33 41 13 00-0785 LF 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	235.84 33.12 80.82 102.84	35.11
33 41 13 00-0786 LF 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	250.52 35.12 85.70 109.05	37.46
33 41 13 00-0787 LF 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	265.62 37.14 90.61 115.31	39.80
33 41 13 00-0788 LF 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	282.18 39.19 95.61 121.67	42.13

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0789	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	299.75 41.22 100.58 127.99	46.82
33 41	13 00-0790	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	319.72 43.78 106.81 135.92	51.50
<b>33 41</b>	<b>13 00-0791</b>		<b>10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0781)</small>		
33 41	13 00-0792	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	236.01 35.28 79.74 86.62	29.96
33 41	13 00-0793	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	254.56 37.80 85.43 92.80	32.77
33 41	13 00-0794	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	271.76 40.31 91.09 98.95	35.11
33 41	13 00-0795	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	289.03 42.82 96.78 105.13	37.46
33 41	13 00-0796	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	306.22 45.26 102.28 111.10	39.80
33 41	13 00-0797	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	325.63 47.88 108.20 117.54	42.13
33 41	13 00-0798	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	345.76 50.42 113.96 123.79	46.82
33 41	13 00-0799	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	368.27 53.49 120.88 131.31	51.50
33 41	13 00-0800	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	389.34 56.38 127.41 138.40	56.18
<b>33 41</b>	<b>13 00-0801</b>		<b>2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0718)</small>		
<b>33 41</b>	<b>13 00-0802</b>		<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0801)</small>		
33 41	13 00-0803	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	37.37	4.85
33 41	13 00-0804	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	43.08	5.30
33 41	13 00-0805	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	50.63	5.73
33 41	13 00-0806	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	57.63	6.18
33 41	13 00-0807	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	74.22	7.95
33 41	13 00-0808	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	96.85	10.30
<b>33 41</b>	<b>13 00-0809</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0801)</small>		
33 41	13 00-0810	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	42.90	4.85
33 41	13 00-0811	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	49.84	5.30
33 41	13 00-0812	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	58.17	5.73
33 41	13 00-0813	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	66.40	6.18
33 41	13 00-0814	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	85.12	7.95
33 41	13 00-0815	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	109.82	10.30
33 41	13 00-0816	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	128.76	12.17
<b>33 41</b>	<b>13 00-0817</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0801)</small>		
33 41	13 00-0818	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	66.41	5.30
33 41	13 00-0819	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	77.80	5.73
33 41	13 00-0820	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	88.62	6.18
33 41	13 00-0821	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	112.85	7.95
33 41	13 00-0822	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	143.32	10.30
33 41	13 00-0823	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	167.77	12.17
33 41	13 00-0824	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	198.27	14.05
33 41	13 00-0825	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	219.80	15.92



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 41 13 00-0826</b> 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0801)</small>		
33 41 13 00-0827 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	169.59	10.30
33 41 13 00-0828 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	198.43	12.17
33 41 13 00-0829 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	233.03	14.05
33 41 13 00-0830 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	259.10	15.92
33 41 13 00-0831 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	283.90	16.85
<b>33 41 13 00-0832</b> 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0718)</small>		
<b>33 41 13 00-0833</b> 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0832)</small>		
33 41 13 00-0834 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	222.09	15.92
33 41 13 00-0835 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	242.66	16.85
33 41 13 00-0836 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	304.22	20.60
33 41 13 00-0837 LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	342.25	29.96
33 41 13 00-0838 LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	367.97	32.77
33 41 13 00-0839 LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	392.48	35.11
33 41 13 00-0840 LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	416.89	37.46
33 41 13 00-0841 LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	441.69	39.80
<b>33 41 13 00-0842</b> 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0832)</small>		
33 41 13 00-0843 LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	306.02	16.85
33 41 13 00-0844 LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	374.75	20.60
33 41 13 00-0845 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	419.01	29.96
33 41 13 00-0846 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	450.85	32.77
33 41 13 00-0847 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	481.51	35.11
33 41 13 00-0848 LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	512.14	37.46
33 41 13 00-0849 LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	543.03	39.80
33 41 13 00-0850 LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	575.41	42.13
33 41 13 00-0851 LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	608.75	46.82
33 41 13 00-0852 LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	644.48	51.50
<b>33 41 13 00-0853</b> 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0832)</small>		
33 41 13 00-0854 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	488.65	29.96
33 41 13 00-0855 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	526.24	32.77
33 41 13 00-0856 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	562.66	35.11
33 41 13 00-0857 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	598.88	37.46
33 41 13 00-0858 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	635.51	39.80
33 41 13 00-0859 LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	673.59	42.13
33 41 13 00-0860 LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	712.66	46.82
33 41 13 00-0861 LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	753.62	51.50
33 41 13 00-0862 LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	800.79	56.18
<b>33 41 13 00-0863</b> 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0718)</small>		
<b>33 41 13 00-0864</b> 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0863)</small>		
33 41 13 00-0865 LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	412.75	29.96
33 41 13 00-0866 LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	443.02	32.77
33 41 13 00-0867 LF 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	471.73	35.11
33 41 13 00-0868 LF 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	500.40	37.46
33 41 13 00-0869 LF 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	529.61	39.80
33 41 13 00-0870 LF 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	560.54	42.13
33 41 13 00-0871 LF 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	592.36	46.82
33 41 13 00-0872 LF 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	630.21	51.50
<b>33 41 13 00-0873</b> 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 41 13 00-0863)</small>		
33 41 13 00-0874 LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	487.03	29.96
33 41 13 00-0875 LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	523.19	32.77
33 41 13 00-0876 LF 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	557.93	35.11
33 41 13 00-0877 LF 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	592.83	37.46
33 41 13 00-0878 LF 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	627.10	39.80
33 41 13 00-0879 LF 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	664.84	42.13
33 41 13 00-0880 LF 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	702.85	46.82
33 41 13 00-0881 LF 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	746.87	51.50
33 41 13 00-0882 LF 142" x 91" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	788.08	56.18
<b>33 41 13 00-0883</b> Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0374)</small>		
<b>33 41 13 00-0884</b> 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0883)</small>		

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0885		<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0884)</small>		
	33 41	13 00-0886	LF 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	20.55 4.41	4.63
	33 41	13 00-0887	LF 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	23.72 5.56	4.85
	33 41	13 00-0888	LF 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	27.01 6.74	5.30
	33 41	13 00-0889	LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	31.09 8.06	5.73
	33 41	13 00-0890	LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	34.55 9.07	6.18
	33 41	13 00-0891	LF 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	45.43 11.77	7.95
	33 41	13 00-0892	LF 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	58.60 14.85	10.30
	33 41	13 00-0893	LF 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	67.31 17.56	12.17
	33 41	13 00-0894	LF 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	75.60 19.68	14.05
33 41	13 00-0895		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0884)</small>		
	33 41	13 00-0896	LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	22.94 4.19	4.63
	33 41	13 00-0897	LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	26.66 5.26	4.85
	33 41	13 00-0898	LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	30.51 6.36	5.30
	33 41	13 00-0899	LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	35.16 7.56	5.73
	33 41	13 00-0900	LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	39.27 8.56	6.18
	33 41	13 00-0901	LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	51.21 11.00	7.95
	33 41	13 00-0902	LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	65.59 13.78	10.30
	33 41	13 00-0903	LF 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	75.36 16.23	12.17
	33 41	13 00-0904	LF 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	84.77 18.23	14.05
	33 41	13 00-0905	LF 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	102.01 22.42	15.92
33 41	13 00-0906		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0884)</small>		
	33 41	13 00-0907	LF 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	37.89 5.93	5.30
	33 41	13 00-0908	LF 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	43.76 7.01	5.73
	33 41	13 00-0909	LF 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	49.05 7.94	6.18
	33 41	13 00-0910	LF 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	63.41 10.13	7.95
	33 41	13 00-0911	LF 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	80.31 12.57	10.30
	33 41	13 00-0912	LF 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	92.42 14.74	12.17
	33 41	13 00-0913	LF 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	104.23 16.63	14.05
	33 41	13 00-0914	LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	124.24 20.08	15.92
	33 41	13 00-0915	LF 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	135.73 21.95	16.85
	33 41	13 00-0916	LF 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	165.92 27.00	20.60
33 41	13 00-0917		<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0884)</small>		
	33 41	13 00-0918	LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	93.55 13.77	10.30
	33 41	13 00-0919	LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	107.90 16.14	12.17
	33 41	13 00-0920	LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	121.81 18.22	14.05
	33 41	13 00-0921	LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	143.95 21.72	15.92

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0922 LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	157.67 23.82	16.85
33 41 13 00-0923 LF 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	190.01 28.74	20.60
33 41 13 00-0924 LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	220.05 30.81	29.96
<b>33 41 13 00-0925 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-0883)</b>		
<b>33 41 13 00-0926 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-0925)</b>		
33 41 13 00-0927 LF 36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	69.01 16.51	10.30
33 41 13 00-0928 LF 42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	79.22 19.38	12.17
33 41 13 00-0929 LF 48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	88.99 21.74	14.05
33 41 13 00-0930 LF 54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	106.71 26.55	15.92
33 41 13 00-0931 LF 60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	116.27 28.93	16.85
33 41 13 00-0932 LF 66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	146.50 37.16	20.60
33 41 13 00-0933 LF 72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	172.74 39.60	29.96
33 41 13 00-0934 LF 78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	185.71 42.06	32.77
33 41 13 00-0935 LF 84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	197.43 44.52	35.11
33 41 13 00-0936 LF 90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	209.14 46.98	37.46
33 41 13 00-0937 LF 96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	221.19 49.44	39.80
33 41 13 00-0938 LF 102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	234.58 51.92	42.13
<b>33 41 13 00-0939 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-0925)</b>		
33 41 13 00-0940 LF 54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	118.67 23.01	15.92
33 41 13 00-0941 LF 60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	129.48 25.12	16.85
33 41 13 00-0942 LF 66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	161.04 31.62	20.60
33 41 13 00-0943 LF 72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	188.59 33.80	29.96
33 41 13 00-0944 LF 78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	202.84 35.97	32.77
33 41 13 00-0945 LF 84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	215.90 38.17	35.11
33 41 13 00-0946 LF 90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	228.88 40.34	37.46
33 41 13 00-0947 LF 96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	242.20 42.51	39.80
33 41 13 00-0948 LF 102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	256.87 44.70	42.13
33 41 13 00-0949 LF 108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	272.60 46.89	46.82
33 41 13 00-0950 LF 114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	288.01 49.04	51.50
<b>33 41 13 00-0951 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-0925)</b>		
33 41 13 00-0952 LF 60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	158.86 33.69	16.85
33 41 13 00-0953 LF 66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	193.57 41.22	20.60
33 41 13 00-0954 LF 72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	223.94 44.21	29.96
33 41 13 00-0955 LF 78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	241.07 47.21	32.77
33 41 13 00-0956 LF 84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	256.97 50.23	35.11
33 41 13 00-0957 LF 90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	272.82 53.24	37.46
33 41 13 00-0958 LF 96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	289.00 56.24	39.80
33 41 13 00-0959 LF 102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	306.52 59.25	42.13
33 41 13 00-0960 LF 108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	325.09 62.26	46.82

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0961	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	343.37	51.50
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	65.24	
33 41	13 00-0962	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	361.20	56.18
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	68.26	
<b>33 41</b>	<b>13 00-0963</b>		<b>10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>		
			<small>(33 41 13 00-0925)</small>		
33 41	13 00-0964	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	256.92	29.96
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	54.27	
33 41	13 00-0965	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	276.70	32.77
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	58.07	
33 41	13 00-0966	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	295.31	35.11
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	61.90	
33 41	13 00-0967	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	313.84	37.46
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	65.71	
33 41	13 00-0968	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	332.76	39.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	69.53	
33 41	13 00-0969	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	353.01	42.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	73.36	
33 41	13 00-0970	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	374.24	46.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	77.17	
33 41	13 00-0971	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	395.22	51.50
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	80.95	
33 41	13 00-0972	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	415.78	56.18
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	84.79	
33 41	13 00-0973	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	437.13	60.87
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	88.59	
33 41	13 00-0974	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	459.72	65.55
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	92.41	
33 41	13 00-0975	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	483.76	70.23
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	96.25	
<b>33 41</b>	<b>13 00-0976</b>		<b>125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>		
			<small>(33 41 13 00-0883)</small>		
<b>33 41</b>	<b>13 00-0977</b>		<b>16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>		
			<small>(33 41 13 00-0976)</small>		
33 41	13 00-0978	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	89.38	14.05
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	26.93	
33 41	13 00-0979	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	107.41	15.92
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	33.00	
33 41	13 00-0980	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	116.87	16.85
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	35.88	
33 41	13 00-0981	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	145.15	20.60
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	45.17	
33 41	13 00-0982	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	171.23	29.96
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	48.12	
33 41	13 00-0983	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	184.03	32.77
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	51.06	
33 41	13 00-0984	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	195.49	35.11
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	53.99	
33 41	13 00-0985	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	206.92	37.46
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.90	
33 41	13 00-0986	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	218.83	39.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	59.86	
33 41	13 00-0987	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	232.17	42.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	62.89	
<b>33 41</b>	<b>13 00-0988</b>		<b>14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>		
			<small>(33 41 13 00-0976)</small>		
33 41	13 00-0989	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	122.35	15.92
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	31.11	
33 41	13 00-0990	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	133.53	16.85
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	33.97	
33 41	13 00-0991	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	163.29	20.60
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	41.80	
33 41	13 00-0992	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	190.86	29.96
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	44.63	
33 41	13 00-0993	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	205.40	32.77
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	47.55	
33 41	13 00-0994	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	218.53	35.11
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	50.42	
33 41	13 00-0995	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	230.81	37.46
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	53.01	
33 41	13 00-0996	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	245.10	39.80
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.15	
33 41	13 00-0997	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	259.86	42.13
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	59.03	
33 41	13 00-0998	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	275.61	46.82
			<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	61.87	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0999 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	291.38 64.78	51.50
<b>33 41 13 00-1000 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0976)</small>		
33 41 13 00-1001 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	164.66 37.48	16.85
33 41 13 00-1002 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	197.61 44.98	20.60
33 41 13 00-1003 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	228.44 48.29	29.96
33 41 13 00-1004 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	245.86 51.57	32.77
33 41 13 00-1005 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	261.94 54.83	35.11
33 41 13 00-1006 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	278.17 58.13	37.46
33 41 13 00-1007 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	294.64 61.40	39.80
33 41 13 00-1008 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	312.39 64.68	42.13
33 41 13 00-1009 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	331.31 67.97	46.82
33 41 13 00-1010 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	349.98 71.25	51.50
33 41 13 00-1011 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	368.06 74.53	56.18
<b>33 41 13 00-1012 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0976)</small>		
33 41 13 00-1013 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	264.42 58.58	29.96
33 41 13 00-1014 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	285.20 62.82	32.77
33 41 13 00-1015 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	304.40 66.97	35.11
33 41 13 00-1016 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	323.46 71.09	37.46
33 41 13 00-1017 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	342.99 75.23	39.80
33 41 13 00-1018 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	363.73 79.36	42.13
33 41 13 00-1019 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	385.62 83.51	46.82
33 41 13 00-1020 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	407.29 87.64	51.50
33 41 13 00-1021 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	428.32 91.77	56.18
33 41 13 00-1022 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	454.89 97.21	60.87
33 41 13 00-1023 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	479.23 101.69	65.55
33 41 13 00-1024 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	505.61 106.35	70.23
<b>33 41 13 00-1025 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-0883)</small>		
<b>33 41 13 00-1026 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1025)</small>		
33 41 13 00-1027 LF 18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	31.03	5.30
33 41 13 00-1028 LF 21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	35.74	5.73
33 41 13 00-1029 LF 24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	40.06	6.18
33 41 13 00-1030 LF 30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	52.15	7.95
33 41 13 00-1031 LF 36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	66.49	10.30
33 41 13 00-1032 LF 42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	76.41	12.17
33 41 13 00-1033 LF 48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	86.18	14.05
33 41 13 00-1034 LF 54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	102.64	15.92
33 41 13 00-1035 LF 60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	112.18	16.85
<b>33 41 13 00-1036 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1025)</small>		
33 41 13 00-1037 LF 18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	34.49	5.30
33 41 13 00-1038 LF 21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	39.79	5.73
33 41 13 00-1039 LF 24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	44.65	6.18
33 41 13 00-1040 LF 30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	57.88	7.95
33 41 13 00-1041 LF 36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	73.39	10.30
33 41 13 00-1042 LF 42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	84.48	12.17
33 41 13 00-1043 LF 48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	95.40	14.05
33 41 13 00-1044 LF 54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	113.00	15.92

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 41 13 00-1045	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		123.73	16.85
33 41 13 00-1046	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		150.63	20.60
33 41 13 00-1047	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		177.73	29.96
33 41 13 00-1048	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		191.65	32.77
<b>33 41 13 00-1049</b>		<b>12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1025)</small>			
33 41 13 00-1050	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		69.50	7.95
33 41 13 00-1051	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		87.30	10.30
33 41 13 00-1052	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		100.78	12.17
33 41 13 00-1053	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		113.99	14.05
33 41 13 00-1054	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		133.91	15.92
33 41 13 00-1055	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		146.99	16.85
33 41 13 00-1056	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		176.17	20.60
33 41 13 00-1057	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		205.56	29.96
33 41 13 00-1058	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		221.79	32.77
33 41 13 00-1059	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		236.67	35.11
33 41 13 00-1060	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		251.58	37.46
33 41 13 00-1061	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		266.77	39.80
33 41 13 00-1062	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....		282.16	42.13
<b>33 41 13 00-1063</b>		<b>Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-0374)</small>			
<b>33 41 13 00-1064</b>		<b>2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1063)</small>			
<b>33 41 13 00-1065</b>		<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1064)</small>			
33 41 13 00-1066	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	24.53	4.85	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	7.18		
33 41 13 00-1067	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	27.73	5.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	8.58		
33 41 13 00-1068	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	32.08	5.73	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	10.32		
33 41 13 00-1069	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	36.22	6.18	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	11.89		
33 41 13 00-1070	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	46.94	7.95	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	15.11		
33 41 13 00-1071	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	61.36	10.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	19.48		
<b>33 41 13 00-1072</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1064)</small>			
33 41 13 00-1073	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	27.47	4.85	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	7.44		
33 41 13 00-1074	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	31.30	5.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	8.91		
33 41 13 00-1075	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	36.10	5.73	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	10.60		
33 41 13 00-1076	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	40.87	6.18	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	12.23		
33 41 13 00-1077	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	52.74	7.95	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	15.49		
33 41 13 00-1078	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	68.27	10.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	19.73		
33 41 13 00-1079	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	79.13	12.17	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	23.50		
<b>33 41 13 00-1080</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1064)</small>			
33 41 13 00-1081	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	38.58	5.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	8.16		
33 41 13 00-1082	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	44.73	5.73	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	9.70		
33 41 13 00-1083	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	50.65	6.18	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	11.14		
33 41 13 00-1084	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	64.94	7.95	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	14.06		
33 41 13 00-1085	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	83.01	10.30	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	17.68		
33 41 13 00-1086	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	96.33	12.17	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	20.95		
33 41 13 00-1087	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	113.20	14.05	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	24.94		
33 41 13 00-1088	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch .....	126.00	15.92	
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	27.50		





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 41 13 00-1089</b> <b>10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1064)</small>		
33 41 13 00-1090    LF    42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	96.25	10.30
For 1/2 Bituminous Coated And 40% Paved, Add	18.60	
33 41 13 00-1091    LF    49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	111.77	12.17
For 1/2 Bituminous Coated And 40% Paved, Add	21.98	
33 41 13 00-1092    LF    57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	130.71	14.05
For 1/2 Bituminous Coated And 40% Paved, Add	25.96	
33 41 13 00-1093    LF    64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	145.80	15.92
For 1/2 Bituminous Coated And 40% Paved, Add	28.74	
33 41 13 00-1094    LF    71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	159.67	16.85
For 1/2 Bituminous Coated And 40% Paved, Add	31.51	
<b>33 41 13 00-1095</b> <b>3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1063)</small>		
<b>33 41 13 00-1096</b> <b>14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1095)</small>		
33 41 13 00-1097    LF    60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	121.03	15.92
For 1/2 Bituminous Coated And 40% Paved, Add	41.30	
33 41 13 00-1098    LF    66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	132.29	16.85
For 1/2 Bituminous Coated And 40% Paved, Add	45.19	
33 41 13 00-1099    LF    73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	164.28	20.60
For 1/2 Bituminous Coated And 40% Paved, Add	56.76	
33 41 13 00-1100    LF    81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	192.45	29.96
For 1/2 Bituminous Coated And 40% Paved, Add	60.85	
33 41 13 00-1101    LF    87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	207.81	32.77
For 1/2 Bituminous Coated And 40% Paved, Add	65.16	
33 41 13 00-1102    LF    95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	221.90	35.11
For 1/2 Bituminous Coated And 40% Paved, Add	69.46	
33 41 13 00-1103    LF    103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	235.96	37.46
For 1/2 Bituminous Coated And 40% Paved, Add	73.76	
33 41 13 00-1104    LF    112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	250.38	39.80
For 1/2 Bituminous Coated And 40% Paved, Add	78.06	
<b>33 41 13 00-1105</b> <b>12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1095)</small>		
33 41 13 00-1106    LF    66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	161.69	16.85
For 1/2 Bituminous Coated And 40% Paved, Add	51.36	
33 41 13 00-1107    LF    73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	196.87	20.60
For 1/2 Bituminous Coated And 40% Paved, Add	62.77	
33 41 13 00-1108    LF    81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	227.94	29.96
For 1/2 Bituminous Coated And 40% Paved, Add	67.51	
33 41 13 00-1109    LF    87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	246.13	32.77
For 1/2 Bituminous Coated And 40% Paved, Add	72.41	
33 41 13 00-1110    LF    95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	263.13	35.11
For 1/2 Bituminous Coated And 40% Paved, Add	77.35	
33 41 13 00-1111    LF    103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	280.08	37.46
For 1/2 Bituminous Coated And 40% Paved, Add	82.27	
33 41 13 00-1112    LF    112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	297.34	39.80
For 1/2 Bituminous Coated And 40% Paved, Add	87.18	
33 41 13 00-1113    LF    117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	315.99	42.13
For 1/2 Bituminous Coated And 40% Paved, Add	92.13	
33 41 13 00-1114    LF    128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	335.65	46.82
For 1/2 Bituminous Coated And 40% Paved, Add	97.05	
33 41 13 00-1115    LF    137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	356.36	51.50
For 1/2 Bituminous Coated And 40% Paved, Add	102.46	
<b>33 41 13 00-1116</b> <b>10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b> <small>(33 41 13 00-1095)</small>		
33 41 13 00-1117    LF    81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	260.89	29.96
For 1/2 Bituminous Coated And 40% Paved, Add	73.07	
33 41 13 00-1118    LF    87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	281.82	32.77
For 1/2 Bituminous Coated And 40% Paved, Add	78.51	
33 41 13 00-1119    LF    95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	301.52	35.11
For 1/2 Bituminous Coated And 40% Paved, Add	83.96	
33 41 13 00-1120    LF    103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	321.12	37.46
For 1/2 Bituminous Coated And 40% Paved, Add	89.37	
33 41 13 00-1121    LF    112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	342.92	39.80
For 1/2 Bituminous Coated And 40% Paved, Add	95.46	
33 41 13 00-1122    LF    112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	362.45	42.13
For 1/2 Bituminous Coated And 40% Paved, Add	100.26	
33 41 13 00-1123    LF    128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	384.83	46.82
For 1/2 Bituminous Coated And 40% Paved, Add	105.70	
33 41 13 00-1124    LF    137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	407.99	51.50
For 1/2 Bituminous Coated And 40% Paved, Add	111.50	
33 41 13 00-1125    LF    142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	433.80	56.18
For 1/2 Bituminous Coated And 40% Paved, Add	118.46	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-1126		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>(33 41 13 00-1063)</i>		
33 41	13 00-1127		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>(33 41 13 00-1126)</i>		
33 41	13 00-1128	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	231.27 66.44	29.96
33 41	13 00-1129	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	249.16 71.06	32.77
33 41	13 00-1130	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	265.67 75.64	35.11
33 41	13 00-1131	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	282.15 80.20	37.46
33 41	13 00-1132	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	299.05 84.80	39.80
33 41	13 00-1133	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	317.45 89.47	42.13
33 41	13 00-1134	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	336.86 94.13	46.82
33 41	13 00-1135	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	359.12 99.95	51.50
33 41	13 00-1136		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>(33 41 13 00-1126)</i>		
33 41	13 00-1137	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	267.77 73.70	29.96
33 41	13 00-1138	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	288.59 78.96	32.77
33 41	13 00-1139	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	308.04 84.18	35.11
33 41	13 00-1140	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	327.57 89.44	37.46
33 41	13 00-1141	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	346.97 94.53	39.80
33 41	13 00-1142	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	368.72 99.99	42.13
33 41	13 00-1143	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	391.17 105.33	46.82
33 41	13 00-1144	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	416.42 111.72	51.50
33 41	13 00-1145	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	440.10 117.75	56.18
33 41	13 00-1146		Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-0374)</i>		
33 41	13 00-1147		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-1146)</i>		
33 41	13 00-1148		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-1147)</i>		
33 41	13 00-1149	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	12.41 1.37	2.65
33 41	13 00-1150	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.08 1.85	3.31
33 41	13 00-1151	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.86 2.44	3.97
33 41	13 00-1152		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-1147)</i>		
33 41	13 00-1153	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.98 1.35	2.65
33 41	13 00-1154	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	18.29 1.85	3.31
33 41	13 00-1155	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.82 2.45	3.97
33 41	13 00-1156		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-1146)</i>		
33 41	13 00-1157		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 41 13 00-1156)</i>		
33 41	13 00-1158	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	24.15 2.69	4.63
33 41	13 00-1159	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	28.19 3.37	4.85
33 41	13 00-1160	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	32.48 4.10	5.30
33 41	13 00-1161	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe..... <i>For Bituminous Coated Pipe, Add</i>	37.59 4.89	5.73



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1162	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	42.08 5.55	6.18
<b>33 41 13 00-1163</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1156)</small>		
33 41 13 00-1164	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	27.51 2.63	4.63
33 41 13 00-1165	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	32.47 3.31	4.85
33 41 13 00-1166	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	37.61 4.01	5.30
33 41 13 00-1167	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	43.54 4.76	5.73
33 41 13 00-1168	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	48.91 5.41	6.18
33 41 13 00-1169	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	63.47 6.93	7.95
33 41 13 00-1170	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	80.50 8.62	10.30
<b>33 41 13 00-1171</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1156)</small>		
33 41 13 00-1172	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	61.96 5.14	6.18
33 41 13 00-1173	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	79.72 6.53	7.95
33 41 13 00-1174	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	100.02 8.05	10.30
33 41 13 00-1175	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	115.77 9.47	12.17
33 41 13 00-1176	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	130.95 10.72	14.05
33 41 13 00-1177	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	154.30 12.72	15.92
<b>33 41 13 00-1178</b>		<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1156)</small>		
33 41 13 00-1179	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	120.81 7.92	10.30
33 41 13 00-1180	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	140.00 9.29	12.17
33 41 13 00-1181	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	158.71 10.55	14.05
33 41 13 00-1182	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	185.53 12.37	15.92
33 41 13 00-1183	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	204.07 13.64	16.85
<b>33 41 13 00-1184</b>		<b>3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1146)</small>		
<b>33 41 13 00-1185</b>		<b>16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1184)</small>		
33 41 13 00-1186	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	62.41	7.95
33 41 13 00-1187	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	79.18	10.30
33 41 13 00-1188	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	91.03	12.17
33 41 13 00-1189	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	103.11	14.05
33 41 13 00-1190	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	122.05	15.92
<b>33 41 13 00-1191</b>		<b>14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1184)</small>		
33 41 13 00-1192	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	70.97	7.95
33 41 13 00-1193	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	91.39	10.30
33 41 13 00-1194	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	105.20	12.17
33 41 13 00-1195	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	118.58	14.05
33 41 13 00-1196	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	140.17	15.92
33 41 13 00-1197	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	153.30	16.85
33 41 13 00-1198	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	186.64	20.60
33 41 13 00-1199	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	216.36	29.96
33 41 13 00-1200	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	232.82	32.77
<b>33 41 13 00-1201</b>		<b>12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1184)</small>		
33 41 13 00-1202	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	90.95	7.95
33 41 13 00-1203	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	113.85	10.30

<b>33</b>	<b>Utilities</b>
<b>33 40</b>	<b>Storm Drainage Utilities</b>
<b>33 41</b>	<b>Storm Utility Drainage Piping</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1204 LF 42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	132.05	12.17
33 41 13 00-1205 LF 48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	149.37	14.05
33 41 13 00-1206 LF 54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	174.73	15.92
33 41 13 00-1207 LF 60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	191.57	16.85
33 41 13 00-1208 LF 66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	228.61	20.60
33 41 13 00-1209 LF 72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	262.14	29.96
33 41 13 00-1210 LF 78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	282.34	32.77
33 41 13 00-1211 LF 84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	301.32	35.11
33 41 13 00-1212 LF 90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	320.24	37.46
33 41 13 00-1213 LF 96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	339.51	39.80
<b>33 41 13 00-1214 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping</b> <small>(33 41 13 00-1184)</small>		
33 41 13 00-1215 LF 60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	231.83	16.85
33 41 13 00-1216 LF 66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	271.20	20.60
33 41 13 00-1217 LF 72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	308.54	29.96
33 41 13 00-1218 LF 78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	332.57	32.77
33 41 13 00-1219 LF 84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	355.31	35.11
33 41 13 00-1220 LF 90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	378.05	37.46
33 41 13 00-1221 LF 96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	401.11	39.80
33 41 13 00-1222 LF 102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	425.55	42.13
33 41 13 00-1223 LF 108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	451.00	46.82
<b>33 41 13 00-1224 Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1146)</small>		
Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
<b>33 41 13 00-1225 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1224)</small>		
33 41 13 00-1226 LF 18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	44.00	5.30
33 41 13 00-1227 LF 21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	47.32	5.73
33 41 13 00-1228 LF 24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	57.39	6.18
33 41 13 00-1229 LF 27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	66.28	7.06
33 41 13 00-1230 LF 30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	74.13	7.95
33 41 13 00-1231 LF 33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	83.04	8.83
<b>33 41 13 00-1232 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1224)</small>		
33 41 13 00-1233 LF 18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	51.24	5.30
33 41 13 00-1234 LF 21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	59.45	5.73
33 41 13 00-1235 LF 24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	67.12	6.18
33 41 13 00-1236 LF 27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	77.20	7.06
33 41 13 00-1237 LF 30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	86.25	7.95
33 41 13 00-1238 LF 33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	96.40	8.83
33 41 13 00-1239 LF 36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	108.00	10.30
33 41 13 00-1240 LF 42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	125.08	12.17
33 41 13 00-1241 LF 48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	141.55	14.05
<b>33 41 13 00-1242 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1224)</small>		
33 41 13 00-1243 LF 30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	109.94	7.95
33 41 13 00-1244 LF 33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	122.40	8.83
33 41 13 00-1245 LF 36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	136.42	10.30
33 41 13 00-1246 LF 42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	158.25	12.17
33 41 13 00-1247 LF 48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	179.46	14.05
33 41 13 00-1248 LF 54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	250.05	15.92
33 41 13 00-1249 LF 60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	275.29	16.85
<b>33 41 13 00-1250 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 41 13 00-1224)</small>		
33 41 13 00-1251 LF 48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	256.72	14.05
33 41 13 00-1252 LF 54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	297.67	15.92
33 41 13 00-1253 LF 60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	328.27	16.85
33 41 13 00-1254 LF 66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	381.02	20.60
33 41 13 00-1255 LF 72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	427.49	29.96
33 41 13 00-1256 LF 78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	461.08	32.77
33 41 13 00-1257 LF 84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	493.09	35.11
<b>33 41 13 00-1258 Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-0374)</small>		
<b>33 41 13 00-1259 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1258)</small>		
<b>33 41 13 00-1260 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1259)</small>		



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-1261	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	29.71 3.38	4.85
33 41	13 00-1262	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	33.93 4.04	5.30
33 41	13 00-1263	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	39.24 4.80	5.73
<b>33 41</b>	<b>13 00-1264</b>		<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1259)</small>		
33 41	13 00-1265	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	34.00 3.37	4.85
33 41	13 00-1266	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	38.04 3.88	5.30
33 41	13 00-1267	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	45.19 4.77	5.73
33 41	13 00-1268	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	51.14 5.47	6.18
33 41	13 00-1269	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	65.70 6.92	7.95
<b>33 41</b>	<b>13 00-1270</b>		<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1259)</small>		
33 41	13 00-1271	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	64.20 5.21	6.18
33 41	13 00-1272	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	81.98 6.57	7.95
33 41	13 00-1273	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	103.85 8.20	10.30
33 41	13 00-1274	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	120.82 9.70	12.17
<b>33 41</b>	<b>13 00-1275</b>		<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1259)</small>		
33 41	13 00-1276	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	124.61 7.91	10.30
33 41	13 00-1277	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	145.08 9.34	12.17
33 41	13 00-1278	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	168.93 10.94	14.05
33 41	13 00-1279	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	188.89 12.17	15.92
<b>33 41</b>	<b>13 00-1280</b>		<b>3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1258)</small>		
<b>33 41</b>	<b>13 00-1281</b>		<b>14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1280)</small>		
33 41	13 00-1282	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	143.53	15.92
33 41	13 00-1283	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	157.20	16.85
33 41	13 00-1284	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	191.46	20.60
<b>33 41</b>	<b>13 00-1285</b>		<b>12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1280)</small>		
33 41	13 00-1286	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	178.09	15.92
33 41	13 00-1287	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	195.47	16.85
33 41	13 00-1288	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	233.27	20.60
33 41	13 00-1289	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	267.14	29.96
33 41	13 00-1290	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	287.70	32.77
33 41	13 00-1291	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	307.03	35.11
<b>33 41</b>	<b>13 00-1292</b>		<b>10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 41 13 00-1280)</small>		
33 41	13 00-1293	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	235.67	16.85
33 41	13 00-1294	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	275.68	20.60
33 41	13 00-1295	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	313.37	29.96
33 41	13 00-1296	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	337.75	32.77
33 41	13 00-1297	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	360.84	35.11
33 41	13 00-1298	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	383.92	37.46
<b>33 41</b>	<b>13 00-1299</b>		<b>Corrugated Steel Pipe Fittings</b> <small>(33 41 13 00-0374)</small> Note: Equivalent pipe-arch sizes are approximate.		
<b>33 41</b>	<b>13 00-1300</b>		<b>Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings</b> <small>(33 41 13 00-1299)</small> Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 41	13 00-1301	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	49.00	
33 41	13 00-1302	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	61.45	
33 41	13 00-1303	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	73.91	
33 41	13 00-1304	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	87.14	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1305	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	105.79	
33 41 13 00-1306	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	124.46	
33 41 13 00-1307	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	143.13	
33 41 13 00-1308	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	161.79	
33 41 13 00-1309	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	210.81	
33 41 13 00-1310	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	251.25	
33 41 13 00-1311	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	291.71	
33 41 13 00-1312	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	377.27	
33 41 13 00-1313	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	425.51	
33 41 13 00-1314	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	475.29	
33 41 13 00-1315	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	526.63	
33 41 13 00-1316	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	641.76	
33 41 13 00-1317	EA	Fabricate 78" (Or 57" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	700.09	
33 41 13 00-1318	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	759.99	
33 41 13 00-1319	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	932.68	
33 41 13 00-1320	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,001.14	
33 41 13 00-1321	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,070.37	
33 41 13 00-1322	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,139.60	
33 41 13 00-1323	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,208.05	
33 41 13 00-1324	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,277.29	
33 41 13 00-1325	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,350.27	
33 41 13 00-1326	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,427.44	
33 41 13 00-1327	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,509.01	
<b>33 41 13 00-1328</b>		<b>Fabricate Corrugated Steel Pipe Tees Or Laterals</b> <small>(33 41 13 00-1299)</small>		
		Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 41 13 00-1329	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	63.79	
33 41 13 00-1330	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	81.68	
33 41 13 00-1331	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	99.55	
33 41 13 00-1332	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	117.46	
33 41 13 00-1333	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	143.13	
33 41 13 00-1334	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	169.57	
33 41 13 00-1335	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	196.04	
33 41 13 00-1336	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	222.46	
33 41 13 00-1337	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	291.71	
33 41 13 00-1338	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	347.72	
33 41 13 00-1339	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	404.50	
33 41 13 00-1340	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	525.06	
33 41 13 00-1341	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	591.19	
33 41 13 00-1342	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	659.63	
33 41 13 00-1343	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	729.64	
33 41 13 00-1344	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	889.89	
33 41 13 00-1345	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	969.25	
33 41 13 00-1346	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,050.14	
33 41 13 00-1347	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	1,292.04	
33 41 13 00-1348	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	1,384.62	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1349	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	1,477.19	
33 41 13 00-1350	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	1,570.53	
33 41 13 00-1351	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	1,663.88	
33 41 13 00-1352	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	1,756.44	
33 41 13 00-1353	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe).....	1,854.16	
33 41 13 00-1354	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	1,957.31	
33 41 13 00-1355	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	2,066.17	
<b>33 41 13 00-1356</b>		<b>Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting (33 41 13 00-1299)</b>		
		Note: Applied to pipe tasks.		
33 41 13 00-1357	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	24.59	
33 41 13 00-1358	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	30.94	
33 41 13 00-1359	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	38.91	
33 41 13 00-1360	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	47.65	
33 41 13 00-1361	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	60.29	
33 41 13 00-1362	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	73.84	
33 41 13 00-1363	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	86.48	
33 41 13 00-1364	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	100.48	
33 41 13 00-1365	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	123.41	
33 41 13 00-1366	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	147.14	
33 41 13 00-1367	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	175.57	
33 41 13 00-1368	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	215.96	
33 41 13 00-1369	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	244.45	
33 41 13 00-1370	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	275.29	
33 41 13 00-1371	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	333.84	
33 41 13 00-1372	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	370.22	
33 41 13 00-1373	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	451.70	
33 41 13 00-1374	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	492.06	
33 41 13 00-1375	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	534.80	
33 41 13 00-1376	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	576.69	
33 41 13 00-1377	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	619.42	
33 41 13 00-1378	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	662.92	
33 41 13 00-1379	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	705.66	
33 41 13 00-1380	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	748.36	
33 41 13 00-1381	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	793.65	
33 41 13 00-1382	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	841.69	
33 41 13 00-1383	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	892.63	
<b>33 41 13 00-1384</b>		<b>Coupling Bands, Corrugated Metal Pipe Fitting (33 41 13 00-1299)</b>		
33 41 13 00-1385	EA	6" Coupling Band, Corrugated Metal Pipe Fitting.....	7.82	
		<i>For Bituminous Coated, Add</i>	2.27	
33 41 13 00-1386	EA	8" Coupling Band, Corrugated Metal Pipe Fitting.....	10.38	
		<i>For Bituminous Coated, Add</i>	3.01	
33 41 13 00-1387	EA	10" Coupling Band, Corrugated Metal Pipe Fitting.....	13.08	
		<i>For Bituminous Coated, Add</i>	3.79	
33 41 13 00-1388	EA	12" Coupling Band, Corrugated Metal Pipe Fitting.....	21.71	
		<i>For Bituminous Coated, Add</i>	6.30	
33 41 13 00-1389	EA	15" Coupling Band, Corrugated Metal Pipe Fitting.....	27.38	
		<i>For Bituminous Coated, Add</i>	7.94	
33 41 13 00-1390	EA	18" Coupling Band, Corrugated Metal Pipe Fitting.....	40.17	
		<i>For Bituminous Coated, Add</i>	11.65	
33 41 13 00-1391	EA	21" Coupling Band, Corrugated Metal Pipe Fitting.....	47.67	
		<i>For Bituminous Coated, Add</i>	13.82	
33 41 13 00-1392	EA	24" Coupling Band, Corrugated Metal Pipe Fitting.....	54.06	
		<i>For Bituminous Coated, Add</i>	15.68	
33 41 13 00-1393	EA	30" Coupling Band, Corrugated Metal Pipe Fitting.....	93.55	
		<i>For Bituminous Coated, Add</i>	27.13	
33 41 13 00-1394	EA	36" Coupling Band, Corrugated Metal Pipe Fitting.....	149.67	
		<i>For Bituminous Coated, Add</i>	35.92	
33 41 13 00-1395	EA	42" Coupling Band, Corrugated Metal Pipe Fitting.....	175.86	
		<i>For Bituminous Coated, Add</i>	42.21	
33 41 13 00-1396	EA	48" Coupling Band, Corrugated Metal Pipe Fitting.....	197.06	
		<i>For Bituminous Coated, Add</i>	47.29	
33 41 13 00-1397	EA	54" Coupling Band, Corrugated Metal Pipe Fitting.....	279.46	
		<i>For Bituminous Coated, Add</i>	67.07	
33 41 13 00-1398	EA	60" Coupling Band, Corrugated Metal Pipe Fitting.....	399.71	
		<i>For Bituminous Coated, Add</i>	71.95	
33 41 13 00-1399	EA	66" Coupling Band, Corrugated Metal Pipe Fitting.....	491.23	
		<i>For Bituminous Coated, Add</i>	88.42	
33 41 13 00-1400	EA	72" Coupling Band, Corrugated Metal Pipe Fitting.....	631.02	
		<i>For Bituminous Coated, Add</i>	88.34	
33 41 13 00-1401	EA	78" Coupling Band, Corrugated Metal Pipe Fitting.....	674.92	
		<i>For Bituminous Coated, Add</i>	94.49	
33 41 13 00-1402	EA	84" Coupling Band, Corrugated Metal Pipe Fitting.....	719.06	
		<i>For Bituminous Coated, Add</i>	100.67	
33 41 13 00-1403	EA	90" Coupling Band, Corrugated Metal Pipe Fitting.....	762.98	
		<i>For Bituminous Coated, Add</i>	106.82	

**33 Utilities****33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-1404	EA	96" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	807.01 112.98	
33 41	13 00-1405	EA	102" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	851.16 119.16	
33 41	13 00-1406	EA	108" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	895.10 125.31	
33 41	13 00-1407	EA	114" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,060.15 127.22	
33 41	13 00-1408	EA	120" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	982.92 117.95	
33 41	13 00-1409	EA	126" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,026.73 123.21	
33 41	13 00-1410	EA	132" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,070.85 128.50	
33 41	13 00-1411	EA	138" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,115.02 133.80	
33 41	13 00-1412		<b>Corrugated Metal Pipe End Sections</b> (33 41 13 00-0374)		
33 41	13 00-1413		<b>Galvanized Corrugated Steel Pipe End Sections</b> (33 41 13 00-1412)		
33 41	13 00-1414		<b>Type 1 Galvanized Corrugated Steel Pipe End Sections</b> (33 41 13 00-1413) Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 41	13 00-1415	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	152.97	30.89
33 41	13 00-1416	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	180.24	33.10
33 41	13 00-1417	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	213.73	35.30
33 41	13 00-1418	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	262.92	38.61
33 41	13 00-1419	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	292.08	41.93
33 41	13 00-1420		<b>Type 2 Galvanized Corrugated Steel Pipe End Sections</b> (33 41 13 00-1413) Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 41	13 00-1421	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	490.83	47.44
33 41	13 00-1422	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	640.09	56.18
33 41	13 00-1423	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,005.61	65.55
33 41	13 00-1424	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,233.63	74.91
33 41	13 00-1425	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,465.16	93.64
33 41	13 00-1426	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,708.07	112.37
33 41	13 00-1427		<b>Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections</b> (33 41 13 00-1413) Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 41	13 00-1428	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	161.12	30.89
33 41	13 00-1429	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	188.62	33.10
33 41	13 00-1430	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	226.61	35.30
33 41	13 00-1431	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	278.38	38.61
33 41	13 00-1432	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	309.62	41.93
33 41	13 00-1433	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	544.67	47.44
33 41	13 00-1434	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	708.31	56.18
33 41	13 00-1435	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,151.60	65.55
33 41	13 00-1436	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,422.03	74.91
33 41	13 00-1437	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,655.69	93.64
33 41	13 00-1438	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,311.51	112.37
33 41	13 00-1439	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,582.91	168.55
33 41	13 00-1440	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,995.42	224.73
33 41	13 00-1441	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,266.43	241.12
33 41	13 00-1442	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,544.46	257.51
33 41	13 00-1443		<b>Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section</b> (33 41 13 00-1413)		
33 41	13 00-1444	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section.....	19.25	
33 41	13 00-1445	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section.....	21.58	
33 41	13 00-1446	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section.....	24.44	
33 41	13 00-1447	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section.....	26.59	
33 41	13 00-1448	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section.....	29.83	
33 41	13 00-1449	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section.....	52.88	
33 41	13 00-1450	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section.....	56.88	
33 41	13 00-1451	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section.....	78.73	
33 41	13 00-1452	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section.....	84.10	
33 41	13 00-1453	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section.....	102.95	
33 41	13 00-1454	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section.....	105.19	
33 41	13 00-1455	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section.....	111.73	
33 41	13 00-1456	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section.....	125.32	
33 41	13 00-1457	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section.....	140.32	
33 41	13 00-1458	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	143.36	
33 41	13 00-1459		<b>Galvanized Corrugated Steel Pipe-Arch End Sections</b> (33 41 13 00-1412)		
33 41	13 00-1460		<b>Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections</b> (33 41 13 00-1459) Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		





<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1461 EA 17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	180.24	33.10
33 41 13 00-1462 EA 21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	213.73	35.30
33 41 13 00-1463 EA 24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	262.92	38.61
33 41 13 00-1464 EA 28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	292.08	41.93
<b>33 41 13 00-1465 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections</b> <small>(33 41 13 00-1459)</small>		
<i>Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.</i>		
33 41 13 00-1466 EA 17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	173.21	33.10
33 41 13 00-1467 EA 21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	200.72	35.30
33 41 13 00-1468 EA 24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	225.68	38.61
33 41 13 00-1469 EA 28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	256.52	41.93
33 41 13 00-1470 EA 35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	389.45	47.44
33 41 13 00-1471 EA 42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	580.52	56.18
33 41 13 00-1472 EA 49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	925.47	65.55
33 41 13 00-1473 EA 57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,180.22	74.91
<b>33 41 13 00-1474 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections</b> <small>(33 41 13 00-1459)</small>		
<i>Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.</i>		
33 41 13 00-1475 EA 17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	176.78	33.10
33 41 13 00-1476 EA 21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	208.48	35.30
33 41 13 00-1477 EA 24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	237.81	38.61
33 41 13 00-1478 EA 28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	270.90	41.93
33 41 13 00-1479 EA 35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	413.89	47.44
33 41 13 00-1480 EA 42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	613.86	56.18
33 41 13 00-1481 EA 49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	978.79	65.55
33 41 13 00-1482 EA 57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,241.59	74.91
33 41 13 00-1483 EA 64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,490.38	93.64
33 41 13 00-1484 EA 71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,969.90	112.37
33 41 13 00-1485 EA 77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	2,737.77	168.55
33 41 13 00-1486 EA 83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	2,993.36	224.73
<b>33 41 13 00-1487 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section</b> <small>(33 41 13 00-1459)</small>		
33 41 13 00-1488 EA Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section .....	21.58	
33 41 13 00-1489 EA Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section .....	24.44	
33 41 13 00-1490 EA Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section .....	26.59	
33 41 13 00-1491 EA Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section .....	29.83	
33 41 13 00-1492 EA Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section .....	52.88	
33 41 13 00-1493 EA Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section .....	56.88	
33 41 13 00-1494 EA Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section .....	78.73	
33 41 13 00-1495 EA Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section .....	87.60	
33 41 13 00-1496 EA Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section .....	102.95	
33 41 13 00-1497 EA Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section .....	106.59	
33 41 13 00-1498 EA Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section .....	123.10	
33 41 13 00-1499 EA Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section .....	137.84	
<b>33 41 13 00-1500 Corrugated Aluminum Pipe End Sections</b> <small>(33 41 13 00-1412)</small>		
<b>33 41 13 00-1501 Corrugated Aluminum Pipe End Sections</b> <small>(33 41 13 00-1500)</small>		
33 41 13 00-1502 EA 12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section .....	247.66	30.89
33 41 13 00-1503 EA 15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section .....	288.06	33.10
33 41 13 00-1504 EA 18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section .....	345.68	35.30
33 41 13 00-1505 EA 21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section .....	433.97	38.61
33 41 13 00-1506 EA 24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section .....	575.77	41.93
33 41 13 00-1507 EA 30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section .....	879.71	47.44
33 41 13 00-1508 EA 36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section .....	1,204.18	56.18
33 41 13 00-1509 EA 36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section .....	1,513.98	56.18
33 41 13 00-1510 EA 42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section .....	1,937.66	65.55
33 41 13 00-1511 EA 48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section .....	2,785.95	74.91
33 41 13 00-1512 EA 54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section .....	3,074.31	93.64
33 41 13 00-1513 EA 60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	4,158.77	112.37
33 41 13 00-1514 EA 66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	4,665.47	168.55
33 41 13 00-1515 EA 72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	5,426.77	224.73
33 41 13 00-1516 EA 78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	5,931.66	241.12
33 41 13 00-1517 EA 84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	6,255.63	257.51
33 41 13 00-1518 EA 90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	8,636.11	280.92
33 41 13 00-1519 EA 96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	9,567.78	304.33
<b>33 41 13 00-1520 Toe Plate Extensions For Corrugated Aluminum Pipe End Section</b> <small>(33 41 13 00-1500)</small>		
33 41 13 00-1521 EA Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section .....	34.97	
33 41 13 00-1522 EA Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section .....	37.16	
33 41 13 00-1523 EA Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section .....	40.49	
33 41 13 00-1524 EA Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section .....	45.76	
33 41 13 00-1525 EA Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section .....	48.45	
33 41 13 00-1526 EA Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section .....	62.54	
33 41 13 00-1527 EA Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section .....	73.77	

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 41 13 00-1528	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section .....	78.27	
33 41 13 00-1529	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section .....	85.90	
33 41 13 00-1530	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section .....	97.11	
33 41 13 00-1531	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section .....	115.16	
33 41 13 00-1532	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	164.41	
33 41 13 00-1533	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	175.71	
33 41 13 00-1534	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	219.81	
33 41 13 00-1535	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	237.51	
33 41 13 00-1536	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	252.95	
33 41 13 00-1537	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section .....	269.25	
33 41 13 00-1538	EA	96" Diameter Corrugated Aluminum Pipe End Section, 12 And 10 Gauge Toe Plate Extension .....	285.65	
<b>33 41 13 00-1539</b>		<b>Corrugated Aluminum Pipe-Arch End Sections (33 41 13 00-1412)</b>		
<b>33 41 13 00-1540</b>		<b>Corrugated Aluminum Pipe-Arch End Sections (33 41 13 00-1539)</b>		
33 41 13 00-1541	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	298.07	33.10
33 41 13 00-1542	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	370.08	35.30
33 41 13 00-1543	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	401.60	38.61
33 41 13 00-1544	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	433.07	41.93
33 41 13 00-1545	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	665.66	47.44
33 41 13 00-1546	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	1,218.42	56.18
33 41 13 00-1547	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	1,296.97	56.18
33 41 13 00-1548	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	1,743.93	65.55
33 41 13 00-1549	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	2,710.51	74.91
33 41 13 00-1550	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	3,094.79	93.64
33 41 13 00-1551	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	3,742.81	112.37
33 41 13 00-1552	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	6,291.42	168.55
33 41 13 00-1553	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	6,551.27	224.73
33 41 13 00-1554	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	7,137.07	241.12
33 41 13 00-1555	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	7,442.94	257.51
33 41 13 00-1556	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	8,112.61	280.92
33 41 13 00-1557	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	8,587.00	304.33
<b>33 41 13 00-1558</b>		<b>Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33 41 13 00-1539)</b>		
33 41 13 00-1559	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	37.16	
33 41 13 00-1560	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	40.49	
33 41 13 00-1561	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	42.62	
33 41 13 00-1562	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	46.71	
33 41 13 00-1563	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	52.65	
33 41 13 00-1564	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	68.09	
33 41 13 00-1565	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	75.26	
33 41 13 00-1566	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	85.90	
33 41 13 00-1567	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	97.11	
33 41 13 00-1568	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	115.16	
33 41 13 00-1569	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	148.47	
33 41 13 00-1570	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	189.06	
33 41 13 00-1571	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	253.18	
33 41 13 00-1572	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	288.32	
33 41 13 00-1573	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	301.41	
33 41 13 00-1574	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	311.77	
33 41 13 00-1575	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	324.71	
<b>33 41 13 00-1576</b>		<b>Low Slope Corrugated Steel Pipe End Sections And Accessories (33 41 13 00-1412)</b>		
<b>33 41 13 00-1577</b>		<b>4:1 Corrugated Steel Pipe End Sections (33 41 13 00-1576)</b>		
33 41 13 00-1578	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	351.30	33.10
33 41 13 00-1579	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	457.60	35.30
33 41 13 00-1580	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	563.56	38.61
33 41 13 00-1581	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	677.21	41.93
<b>33 41 13 00-1582</b>		<b>3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections (33 41 13 00-1576)</b>		
		Note: Includes nut and bolt set.		
33 41 13 00-1583	EA	3" Diameter Parallel Safety Bar For 15' 4:1 Corrugated Steel Pipe End Section .....	255.38	
33 41 13 00-1584	EA	3" Diameter Parallel Safety Bar For 18' 4:1 Corrugated Steel Pipe End Section .....	523.13	
33 41 13 00-1585	EA	3" Diameter Parallel Safety Bar For 21' 4:1 Corrugated Steel Pipe End Section .....	574.12	
33 41 13 00-1586	EA	3" Diameter Parallel Safety Bar For 24' 4:1 Corrugated Steel Pipe End Section .....	657.84	
<b>33 41 13 00-1587</b>		<b>6:1 Corrugated Steel Pipe End Sections (33 41 13 00-1576)</b>		
33 41 13 00-1588	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	414.58	33.10
33 41 13 00-1589	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	552.47	35.30
33 41 13 00-1590	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	744.48	38.61
33 41 13 00-1591	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	878.48	41.93



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Drainage Piping</b>	<b>33 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 41 13 00-1592</b> <b>3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections</b> <small>(33 41 13 00-1576)</small>		
<i>Note: Includes nut and bolt set.</i>		
33 41 13 00-1593 EA 3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section .....	505.30	
33 41 13 00-1594 EA 3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section .....	643.68	
33 41 13 00-1595 EA 3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section .....	707.47	
33 41 13 00-1596 EA 3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section .....	739.29	
<b>33 41 13 00-1597</b> <b>Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section</b> <small>(33 41 13 00-1576)</small>		
33 41 13 00-1598 EA Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section .....	41.84	
33 41 13 00-1599 EA Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section .....	47.29	
33 41 13 00-1600 EA Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section .....	51.51	
33 41 13 00-1601 EA Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section .....	57.64	
<b>33 41 13 00-1602</b> <b>Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories</b> <small>(33 41 13 00-1412)</small>		
<b>33 41 13 00-1603</b> <b>4:1 Corrugated Steel Pipe-Arch End Section</b> <small>(33 41 13 00-1602)</small>		
33 41 13 00-1604 EA 21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	473.03	35.30
33 41 13 00-1605 EA 24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	599.89	38.61
33 41 13 00-1606 EA 28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	714.29	41.93
33 41 13 00-1607 EA 35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	1,381.54	47.44
<b>33 41 13 00-1608</b> <b>3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections</b> <small>(33 41 13 00-1602)</small>		
<i>Note: Includes nut and bolt set.</i>		
33 41 13 00-1609 EA 3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section .....	346.47	
33 41 13 00-1610 EA 3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section .....	645.81	
33 41 13 00-1611 EA 3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section .....	679.73	
33 41 13 00-1612 EA 3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section .....	1,008.54	
<b>33 41 13 00-1613</b> <b>Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section</b> <small>(33 41 13 00-1602)</small>		
33 41 13 00-1614 EA Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section .....	47.01	
33 41 13 00-1615 EA Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section .....	53.67	
33 41 13 00-1616 EA Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section .....	58.54	
33 41 13 00-1617 EA Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section .....	68.69	
<b>33 42 Culverts</b> <small>(33 40)</small>		
<b>33 42 16 Concrete Culverts</b> <small>(33 42)</small>		
<b>33 42 16 13 Precast Concrete Culverts</b> <small>(33 42 16)</small>		
<b>33 42 16 13-0001 Precast Reinforced Concrete Box Culvert</b> <small>(33 42 16 13)</small>		
<i>Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".</i>		
33 42 16 13-0002 LF 4' x 2' Precast Reinforced Concrete Box Culvert .....	172.15	23.41
<i>For Each LF Of Cut-Off Section, Add</i>		
	6.89	
33 42 16 13-0003 LF 4' x 3' Precast Reinforced Concrete Box Culvert .....	189.29	23.41
<i>For Each LF Of Cut-Off Section, Add</i>		
	7.57	
33 42 16 13-0004 LF 5' x 3' Precast Reinforced Concrete Box Culvert .....	250.16	29.27
<i>For Each LF Of Cut-Off Section, Add</i>		
	10.01	
33 42 16 13-0005 LF 5' x 4' Precast Reinforced Concrete Box Culvert .....	270.83	29.27
<i>For Each LF Of Cut-Off Section, Add</i>		
	10.83	
33 42 16 13-0006 LF 5' x 5' Precast Reinforced Concrete Box Culvert .....	291.49	29.27
<i>For Each LF Of Cut-Off Section, Add</i>		
	11.66	
33 42 16 13-0007 LF 6' x 3' Precast Reinforced Concrete Box Culvert .....	308.85	30.43
<i>For Each LF Of Cut-Off Section, Add</i>		
	12.35	
33 42 16 13-0008 LF 6' x 4' Precast Reinforced Concrete Box Culvert .....	333.01	30.43
<i>For Each LF Of Cut-Off Section, Add</i>		
	13.32	
33 42 16 13-0009 LF 6' x 6' Precast Reinforced Concrete Box Culvert .....	381.15	30.43
<i>For Each LF Of Cut-Off Section, Add</i>		
	15.25	
33 42 16 13-0010 LF 7' x 4' Precast Reinforced Concrete Box Culvert .....	408.50	35.11
<i>For Each LF Of Cut-Off Section, Add</i>		
	16.34	
33 42 16 13-0011 LF 7' x 6' Precast Reinforced Concrete Box Culvert .....	488.47	47.76
<i>For Each LF Of Cut-Off Section, Add</i>		
	19.54	
33 42 16 13-0012 LF 8' x 2' Precast Reinforced Concrete Box Culvert .....	371.86	30.43
<i>For Each LF Of Cut-Off Section, Add</i>		
	14.87	
33 42 16 13-0013 LF 8' x 3' Precast Reinforced Concrete Box Culvert .....	404.12	35.11
<i>For Each LF Of Cut-Off Section, Add</i>		
	16.16	
33 42 16 13-0014 LF 8' x 4' Precast Reinforced Concrete Box Culvert .....	435.99	35.11
<i>For Each LF Of Cut-Off Section, Add</i>		
	17.44	
33 42 16 13-0015 LF 8' x 5' Precast Reinforced Concrete Box Culvert .....	486.65	46.82
<i>For Each LF Of Cut-Off Section, Add</i>		
	19.47	

**33 Utilities****33 40 Storm Drainage Utilities****33 42 Culverts**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 16 13-0016 LF 8' x 6' Precast Reinforced Concrete Box Culvert .....	514.12	46.82
For Each LF Of Cut-Off Section, Add	20.56	
33 42 16 13-0017 LF 8' x 8' Precast Reinforced Concrete Box Culvert .....	592.25	58.52
For Each LF Of Cut-Off Section, Add	23.69	
33 42 16 13-0018 LF 9' x 4' Precast Reinforced Concrete Box Culvert .....	536.02	46.82
For Each LF Of Cut-Off Section, Add	21.44	
33 42 16 13-0019 LF 9' x 6' Precast Reinforced Concrete Box Culvert .....	620.96	58.52
For Each LF Of Cut-Off Section, Add	24.84	
33 42 16 13-0020 LF 10' x 3' Precast Reinforced Concrete Box Culvert .....	608.36	58.52
For Each LF Of Cut-Off Section, Add	24.33	
33 42 16 13-0021 LF 10' x 4' Precast Reinforced Concrete Box Culvert .....	641.49	58.52
For Each LF Of Cut-Off Section, Add	25.66	
33 42 16 13-0022 LF 10' x 5' Precast Reinforced Concrete Box Culvert .....	700.11	70.23
For Each LF Of Cut-Off Section, Add	28.00	
33 42 16 13-0023 LF 10' x 6' Precast Reinforced Concrete Box Culvert .....	734.61	70.23
For Each LF Of Cut-Off Section, Add	29.38	
33 42 16 13-0024 LF 10' x 7' Precast Reinforced Concrete Box Culvert .....	769.11	70.23
For Each LF Of Cut-Off Section, Add	30.76	
33 42 16 13-0025 LF 10' x 8' Precast Reinforced Concrete Box Culvert .....	803.39	70.23
For Each LF Of Cut-Off Section, Add	32.14	
33 42 16 13-0026 LF 12' x 3' Precast Reinforced Concrete Box Culvert .....	667.90	81.93
For Each LF Of Cut-Off Section, Add	26.72	
33 42 16 13-0027 LF 12' x 4' Precast Reinforced Concrete Box Culvert .....	876.96	81.93
For Each LF Of Cut-Off Section, Add	35.08	
33 42 16 13-0028 LF 12' x 6' Precast Reinforced Concrete Box Culvert .....	959.60	81.93
For Each LF Of Cut-Off Section, Add	38.38	
33 42 16 13-0029 LF 12' x 8' Precast Reinforced Concrete Box Culvert .....	1,042.22	81.93
For Each LF Of Cut-Off Section, Add	41.69	
33 42 16 13-0030 LF 16' x 10' Precast Reinforced Concrete Box Culvert .....	1,313.09	93.64
For Each LF Of Cut-Off Section, Add	52.52	
33 42 16 13-0031 LF 24' x 10' Precast Reinforced Concrete Box Culvert .....	1,643.61	93.64
For Each LF Of Cut-Off Section, Add	65.74	
<b>33 42 16 13-0032 Precast Reinforced Concrete Box Culvert For Roadways</b> <small>(33 42 16 13)</small>		
Note: AASHTO H/20, H/25 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".		
33 42 16 13-0033 LF 4' x 2' Precast Reinforced Concrete Box Culvert For Roadways .....	525.07	23.41
For Each LF Of Cut-Off Section, Add	21.00	
33 42 16 13-0034 LF 4' x 3' Precast Reinforced Concrete Box Culvert For Roadways .....	590.29	23.41
For Each LF Of Cut-Off Section, Add	23.61	
33 42 16 13-0035 LF 5' x 3' Precast Reinforced Concrete Box Culvert For Roadways .....	667.19	29.27
For Each LF Of Cut-Off Section, Add	26.69	
33 42 16 13-0036 LF 5' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	732.41	29.27
For Each LF Of Cut-Off Section, Add	29.30	
33 42 16 13-0037 LF 5' x 5' Precast Reinforced Concrete Box Culvert For Roadways .....	797.63	29.27
For Each LF Of Cut-Off Section, Add	31.91	
33 42 16 13-0038 LF 6' x 3' Precast Reinforced Concrete Box Culvert For Roadways .....	734.76	30.43
For Each LF Of Cut-Off Section, Add	29.39	
33 42 16 13-0039 LF 6' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	799.98	30.43
For Each LF Of Cut-Off Section, Add	32.00	
33 42 16 13-0040 LF 6' x 6' Precast Reinforced Concrete Box Culvert For Roadways .....	930.42	30.43
For Each LF Of Cut-Off Section, Add	37.22	
33 42 16 13-0041 LF 7' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	874.56	35.11
For Each LF Of Cut-Off Section, Add	34.98	
33 42 16 13-0042 LF 7' x 6' Precast Reinforced Concrete Box Culvert For Roadways .....	1,030.26	47.76
For Each LF Of Cut-Off Section, Add	41.21	
33 42 16 13-0043 LF 8' x 2' Precast Reinforced Concrete Box Culvert For Roadways .....	799.98	30.43
For Each LF Of Cut-Off Section, Add	32.00	
33 42 16 13-0044 LF 8' x 3' Precast Reinforced Concrete Box Culvert For Roadways .....	874.56	35.11
For Each LF Of Cut-Off Section, Add	34.98	
33 42 16 13-0045 LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	939.78	35.11
For Each LF Of Cut-Off Section, Add	37.59	
33 42 16 13-0046 LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	1,028.39	46.82
For Each LF Of Cut-Off Section, Add	41.14	
33 42 16 13-0047 LF 8' x 6' Precast Reinforced Concrete Box Culvert For Roadways .....	1,093.61	46.82
For Each LF Of Cut-Off Section, Add	43.74	
33 42 16 13-0048 LF 8' x 8' Precast Reinforced Concrete Box Culvert For Roadways .....	1,247.45	58.52
For Each LF Of Cut-Off Section, Add	49.90	
33 42 16 13-0049 LF 9' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	1,104.28	46.82
For Each LF Of Cut-Off Section, Add	44.17	
33 42 16 13-0050 LF 9' x 6' Precast Reinforced Concrete Box Culvert For Roadways .....	1,267.08	58.52
For Each LF Of Cut-Off Section, Add	50.68	
33 42 16 13-0051 LF 10' x 3' Precast Reinforced Concrete Box Culvert For Roadways .....	1,252.89	58.52
For Each LF Of Cut-Off Section, Add	50.12	
33 42 16 13-0052 LF 10' x 4' Precast Reinforced Concrete Box Culvert For Roadways .....	1,330.33	58.52
For Each LF Of Cut-Off Section, Add	53.21	
33 42 16 13-0053 LF 10' x 5' Precast Reinforced Concrete Box Culvert For Roadways .....	1,431.18	70.23
For Each LF Of Cut-Off Section, Add	57.25	
33 42 16 13-0054 LF 10' x 6' Precast Reinforced Concrete Box Culvert For Roadways .....	1,508.62	70.23
For Each LF Of Cut-Off Section, Add	60.34	
33 42 16 13-0055 LF 10' x 7' Precast Reinforced Concrete Box Culvert For Roadways .....	1,586.08	70.23
For Each LF Of Cut-Off Section, Add	63.44	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Culverts</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 16 13-0056 LF 10' x 8' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	1,663.52 66.54	70.23
33 42 16 13-0057 LF 12' x 3' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	1,660.57 66.42	81.93
33 42 16 13-0058 LF 12' x 4' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	1,748.59 69.94	81.93
33 42 16 13-0059 LF 12' x 6' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	1,924.68 76.99	81.93
33 42 16 13-0060 LF 12' x 8' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	2,100.76 84.03	81.93
33 42 16 13-0061 LF 16' x 10' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	2,515.47 100.62	93.64
33 42 16 13-0062 LF 24' x 10' Precast Reinforced Concrete Box Culvert For Roadways ..... <i>For Each LF Of Cut-Off Section, Add</i>	3,180.67 127.23	93.64

**33 44 Storm Utility Water Drains (33 40)**

**33 44 13 Utility Area Drains (33 44)**

**33 44 13 13 Catchbasins (33 44 13)**

**33 44 13 13-0001 Storm Drains (33 44 13 13)**

**33 44 13 13-0002 Catch Basins And Inlet Basins (33 44 13 13-0001)**

Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

**33 44 13 13-0003 Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0002)**

Note: Inside dimensions.

**33 44 13 13-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)**

33 44 13 13-0005 EA 2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	869.00	149.19
33 44 13 13-0006 EA 3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,042.11	174.79
33 44 13 13-0007 EA 4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,215.24	200.36
33 44 13 13-0008 EA 5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,388.35	225.98
33 44 13 13-0009 EA 6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,561.48	251.54

**33 44 13 13-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)**

33 44 13 13-0011 EA 2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,164.28	148.28
33 44 13 13-0012 EA 3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,429.44	197.71
33 44 13 13-0013 EA 4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,806.62	269.61
33 44 13 13-0014 EA 5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	2,214.65	314.54
33 44 13 13-0015 EA 6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	2,515.57	359.47

**33 44 13 13-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)**

33 44 13 13-0017 EA 2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,254.17	161.76
33 44 13 13-0018 EA 3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	1,739.50	224.67
33 44 13 13-0019 EA 4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	2,104.01	292.07
33 44 13 13-0020 EA 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	2,429.07	337.01
33 44 13 13-0021 EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	3,076.24	431.37

**33 44 13 13-0022 Cast In Place, Catch Basin (33 44 13 13-0002)**

Note: Inside span, overall depth.

**33 44 13 13-0023 3' x 3', Cast In Place, Catch Basins (33 44 13 13-0022)**

33 44 13 13-0024 EA 3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,096.67	180.37
33 44 13 13-0025 EA 3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,162.97	191.78
33 44 13 13-0026 EA 4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,274.84	205.98
33 44 13 13-0027 EA 4'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,438.70	228.00
33 44 13 13-0028 EA 5' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,555.54	242.69
33 44 13 13-0029 EA 5'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,628.88	254.51
33 44 13 13-0030 EA 6' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,745.81	269.20
33 44 13 13-0031 EA 6'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,817.07	281.07
33 44 13 13-0032 EA 7' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,934.99	295.72
33 44 13 13-0033 EA 7'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	2,007.34	307.58
33 44 13 13-0034 EA 8' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	2,124.22	322.27
33 44 13 13-0035 VLF >8' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin .....	265.54	40.26

**33 44 13 13-0036 3'-6" x 3'-6", Cast In Place, Catch Basins (33 44 13 13-0022)**

33 44 13 13-0037 EA 3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,261.86	208.50
33 44 13 13-0038 EA 3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,345.39	223.15
33 44 13 13-0039 EA 4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,462.28	237.84
33 44 13 13-0040 EA 4'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,654.03	263.41
33 44 13 13-0041 EA 5' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,781.89	280.03
33 44 13 13-0042 EA 5'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,866.19	293.82
33 44 13 13-0043 EA 6' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,996.05	310.45
33 44 13 13-0044 EA 6'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	2,080.34	324.24
33 44 13 13-0045 EA 7' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	2,209.17	340.88
33 44 13 13-0046 EA 7'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	2,293.50	354.67

<b>33</b>	<b>Utilities</b>
<b>33 40</b>	<b>Storm Drainage Utilities</b>
<b>33 44</b>	<b>Storm Utility Water Drains</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0047 EA 8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	2,422.38	371.30
33 44 13 13-0048 VLF >8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	302.81	46.42
<b>33 44 13 13-0049 4' x 4', Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0050 EA 3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,438.81	238.51
33 44 13 13-0051 EA 3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,527.36	253.66
33 44 13 13-0052 EA 4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin .....	1,660.50	271.58
33 44 13 13-0053 EA 4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	1,880.38	300.74
33 44 13 13-0054 EA 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,021.24	319.31
33 44 13 13-0055 EA 5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,117.48	335.08
33 44 13 13-0056 EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,258.34	353.63
33 44 13 13-0057 EA 6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,354.53	369.40
33 44 13 13-0058 EA 7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,495.38	387.96
33 44 13 13-0059 EA 7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,591.62	403.74
33 44 13 13-0060 EA 8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,732.48	422.34
33 44 13 13-0061 VLF >8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin .....	341.54	52.80
<b>33 44 13 13-0062 4'-6" x 4'-6", Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0063 EA 3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	1,665.76	276.57
33 44 13 13-0064 EA 3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin .....	1,769.54	292.21
33 44 13 13-0065 EA 4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	1,916.93	312.43
33 44 13 13-0066 EA 4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,167.78	345.59
33 44 13 13-0067 EA 5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,324.19	366.53
33 44 13 13-0068 EA 5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,436.02	384.64
33 44 13 13-0069 EA 6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	2,592.48	405.58
33 44 13 13-0070 EA 6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,704.31	423.73
33 44 13 13-0071 EA 7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,860.72	444.67
33 44 13 13-0072 EA 7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,971.56	462.78
33 44 13 13-0073 EA 8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	3,129.01	483.71
33 44 13 13-0074 VLF >8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	391.15	60.48
<b>33 44 13 13-0075 5' x 5', Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0076 EA 4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin .....	2,145.93	350.81
33 44 13 13-0077 EA 4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,425.41	387.65
33 44 13 13-0078 EA 5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,594.99	410.61
33 44 13 13-0079 EA 5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,718.99	430.74
33 44 13 13-0080 EA 6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	2,886.53	453.66
33 44 13 13-0081 EA 6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,011.52	473.79
33 44 13 13-0082 EA 7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,180.11	496.75
33 44 13 13-0083 EA 7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,303.07	516.88
33 44 13 13-0084 EA 8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,472.65	539.80
33 44 13 13-0085 VLF >8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	638.36	67.49
<b>33 44 13 13-0086 5'-6" x 5'-6", Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0087 EA 4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	2,385.88	391.20
33 44 13 13-0088 EA 4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,792.56	442.84
33 44 13 13-0089 EA 5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	2,980.25	468.35
33 44 13 13-0090 EA 5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,122.37	491.22
33 44 13 13-0091 EA 6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	3,311.11	516.92
33 44 13 13-0092 EA 6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,454.22	539.80
33 44 13 13-0093 EA 7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,641.91	565.50
33 44 13 13-0094 EA 7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,784.03	588.37
33 44 13 13-0095 EA 8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	3,971.73	614.08
33 44 13 13-0096 VLF >8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	496.47	76.75
<b>33 44 13 13-0097 6' x 6', Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0098 EA 4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin .....	2,638.83	433.49
33 44 13 13-0099 EA 4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,087.07	490.14
33 44 13 13-0100 EA 5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,288.20	517.92
33 44 13 13-0101 EA 5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,443.71	542.85
33 44 13 13-0102 EA 6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,643.84	570.63
33 44 13 13-0103 EA 6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,800.39	595.56
33 44 13 13-0104 EA 7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,000.48	623.33
33 44 13 13-0105 EA 7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,156.03	648.27
33 44 13 13-0106 EA 8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,357.17	676.04
33 44 13 13-0107 VLF >8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin .....	544.67	84.52
<b>33 44 13 13-0108 6'-6" x 6'-6", Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0109 EA 4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	2,902.72	477.78
33 44 13 13-0110 EA 4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,517.94	553.55
33 44 13 13-0111 EA 5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,739.03	584.28
33 44 13 13-0112 EA 5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	3,915.52	612.19
33 44 13 13-0113 EA 6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,136.61	642.88
33 44 13 13-0114 EA 6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	4,313.08	670.83



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Water Drains</b>	<b>33 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0115 EA 7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,534.18	701.52
33 44 13 13-0116 EA 7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	4,710.64	729.42
33 44 13 13-0117 EA 8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,932.78	760.15
33 44 13 13-0118 VLF >8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	616.58	95.03
<b>33 44 13 13-0119 7' x 7', Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0120 EA 4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin .....	3,178.63	524.02
33 44 13 13-0121 EA 4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	3,852.39	606.70
33 44 13 13-0122 EA 5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,087.20	639.59
33 44 13 13-0123 EA 5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,276.38	669.62
33 44 13 13-0124 EA 6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,512.13	702.46
33 44 13 13-0125 EA 6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,701.31	732.52
33 44 13 13-0126 EA 7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,936.10	765.37
33 44 13 13-0127 EA 7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,126.28	795.43
33 44 13 13-0128 EA 8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	5,361.03	828.27
33 44 13 13-0129 VLF >8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin .....	670.15	103.53
<b>33 44 13 13-0130 7'-6" x 7'-6", Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0131 EA 4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	3,607.76	588.15
33 44 13 13-0132 EA 4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	4,200.60	662.02
33 44 13 13-0133 EA 5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,448.07	697.02
33 44 13 13-0134 EA 5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	4,651.95	729.19
33 44 13 13-0135 EA 6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	4,900.35	764.20
33 44 13 13-0136 EA 6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	5,104.23	796.37
33 44 13 13-0137 EA 7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,351.70	831.38
33 44 13 13-0138 EA 7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	5,555.58	863.55
33 44 13 13-0139 EA 8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,804.03	898.55
33 44 13 13-0140 VLF >8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin .....	725.49	112.34
<b>33 44 13 13-0141 8' x 8', Cast In Place, Catch Basins (33 44 13 13-0022)</b>		
33 44 13 13-0142 EA 4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin .....	3,920.94	639.91
33 44 13 13-0143 EA 4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,561.41	719.49
33 44 13 13-0144 EA 5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	4,822.58	756.61
33 44 13 13-0145 EA 5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,040.16	790.94
33 44 13 13-0146 EA 6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	5,301.28	828.05
33 44 13 13-0147 EA 6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	5,516.87	862.39
33 44 13 13-0148 EA 7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	5,779.98	899.50
33 44 13 13-0149 EA 7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,997.57	933.83
33 44 13 13-0150 EA 8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	6,254.70	970.94
33 44 13 13-0151 VLF >8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin .....	782.33	121.37
<b>33 44 13 13-0152 Precast Concrete Catch Basins (33 44 13 13-0002)</b>		
Note: Inside dimensions.		
<b>33 44 13 13-0153 1'-6" Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0154 EA 4' Deep, 1'-6" Diameter Precast Catch Basins.....	352.85	96.94
33 44 13 13-0155 EA 6' Deep, 1'-6" Diameter Precast Catch Basins.....	484.68	145.40
33 44 13 13-0156 EA 8' Deep, 1'-6" Diameter Precast Catch Basins.....	609.01	189.03
33 44 13 13-0157 EA 10' Deep, 1'-6" Diameter Precast Catch Basins.....	732.19	223.44
33 44 13 13-0158 EA 12' Deep, 1'-6" Diameter Precast Catch Basins.....	896.40	283.53
33 44 13 13-0159 EA 14' Deep, 1'-6" Diameter Precast Catch Basins.....	1,023.66	327.16
33 44 13 13-0160 VLF Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins.....	70.79	21.81
<b>33 44 13 13-0161 2' Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0162 EA 4' Deep, 2' Diameter Precast Catch Basin.....	403.64	107.84
33 44 13 13-0163 EA 6' Deep, 2' Diameter Precast Catch Basin.....	551.30	159.95
33 44 13 13-0164 EA 8' Deep, 2' Diameter Precast Catch Basin.....	690.21	210.83
33 44 13 13-0165 EA 10' Deep, 2' Diameter Precast Catch Basin.....	827.53	245.97
33 44 13 13-0166 EA 12' Deep, 2' Diameter Precast Catch Basin.....	1,018.47	315.04
33 44 13 13-0167 EA 14' Deep, 2' Diameter Precast Catch Basin.....	1,161.65	363.51
33 44 13 13-0168 VLF Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin .....	80.34	26.17
<b>33 44 13 13-0169 3' Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0170 EA 4' Deep, 3' Diameter Precast Catch Basin.....	543.03	127.22
33 44 13 13-0171 EA 6' Deep, 3' Diameter Precast Catch Basin.....	731.54	188.06
33 44 13 13-0172 EA 8' Deep, 3' Diameter Precast Catch Basin.....	910.80	248.39
33 44 13 13-0173 EA 10' Deep, 3' Diameter Precast Catch Basin.....	1,134.44	310.20
33 44 13 13-0174 EA 12' Deep, 3' Diameter Precast Catch Basin.....	1,337.05	369.81
33 44 13 13-0175 EA 14' Deep, 3' Diameter Precast Catch Basin.....	1,531.15	430.39
33 44 13 13-0176 VLF Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin .....	104.57	30.75
<b>33 44 13 13-0177 4' Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0178 EA 4' Deep, 4' Diameter Precast Catch Basin.....	665.15	141.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0179 EA 6' Deep, 4' Diameter Precast Catch Basin .....	858.53	193.87
33 44 13 13-0180 EA 8' Deep, 4' Diameter Precast Catch Basin .....	1,128.94	290.81
33 44 13 13-0181 EA 10' Deep, 4' Diameter Precast Catch Basin .....	1,408.59	363.51
33 44 13 13-0182 EA 12' Deep, 4' Diameter Precast Catch Basin .....	1,660.96	436.21
33 44 13 13-0183 EA 14' Deep, 4' Diameter Precast Catch Basin .....	1,903.36	508.91
33 44 13 13-0184 VLF Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin .....	129.65	36.35
<b>33 44 13 13-0185 5' Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0186 EA 4' Deep, 5' Diameter Precast Catch Basin .....	893.25	193.87
33 44 13 13-0187 EA 6' Deep, 5' Diameter Precast Catch Basin .....	1,206.08	290.81
33 44 13 13-0188 EA 8' Deep, 5' Diameter Precast Catch Basin .....	1,520.36	387.74
33 44 13 13-0189 EA 10' Deep, 5' Diameter Precast Catch Basin .....	1,853.48	484.68
33 44 13 13-0190 EA 12' Deep, 5' Diameter Precast Catch Basin .....	2,180.34	581.61
33 44 13 13-0191 EA 14' Deep, 5' Diameter Precast Catch Basin .....	2,534.31	678.55
33 44 13 13-0192 VLF Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin .....	172.43	48.47
<b>33 44 13 13-0193 6' Diameter Precast Catch Basins (33 44 13 13-0152)</b>		
33 44 13 13-0194 EA 4' Deep, 6' Diameter Precast Catch Basin .....	1,302.51	290.81
33 44 13 13-0195 EA 6' Deep, 6' Diameter Precast Catch Basin .....	1,738.10	436.21
33 44 13 13-0196 EA 8' Deep, 6' Diameter Precast Catch Basin .....	2,208.20	581.61
33 44 13 13-0197 EA 10' Deep, 6' Diameter Precast Catch Basin .....	2,750.60	727.02
33 44 13 13-0198 EA 12' Deep, 6' Diameter Precast Catch Basin .....	3,273.73	872.41
33 44 13 13-0199 EA 14' Deep, 6' Diameter Precast Catch Basin .....	3,781.35	1,017.81
33 44 13 13-0200 VLF Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin .....	256.76	72.70
<b>33 44 13 13-0201 Precast Catch Basins Accessories (33 44 13 13-0152)</b>		
33 44 13 13-0202 EA Single Or Double Wing Slab Top With Throat.....	692.07	315.04
33 44 13 13-0203 EA 4' x 4' Weir Box, Precast Catch Basin.....	388.69	38.78
33 44 13 13-0204 EA 4' Diameter Inlet Round To Square Adapter, Precast Catch Basin.....	205.23	41.20
33 44 13 13-0205 EA 3' Diameter, Up To 6" High, Precast Extension Ring .....	250.33	60.58
For Each Additional Inch In Height, Add	31.62	
33 44 13 13-0206 EA 4' Diameter, Up To 6" High, Precast Extension Ring .....	294.46	72.70
For Each Additional Inch In Height, Add	36.95	
33 44 13 13-0207 EA 5' Diameter, Up To 6" High, Precast Extension Ring .....	343.55	84.82
For Each Additional Inch In Height, Add	43.14	
33 44 13 13-0208 EA 6' Diameter, Up To 6" High, Precast Extension Ring .....	420.04	121.17
For Each Additional Inch In Height, Add	49.83	
33 44 13 13-0209 EA Adjust Existing Catch Basin Inlet Grate To Match Grade.....	290.79	
<b>33 44 13 13-0210 Catch Basin Risers (33 44 13 13-0152)</b>		
33 44 13 13-0211 EA Up To 860 Square Inch, Up To 2" Rise, Catch Basin Riser .....	239.61	
33 44 13 13-0212 EA >860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	271.58	
33 44 13 13-0213 EA >1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	309.70	
33 44 13 13-0214 EA Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser .....	258.50	
33 44 13 13-0215 EA >860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	292.60	
33 44 13 13-0216 EA >1140 Square Inch, >2" To 3" Rise, Catch Basin Riser .....	334.89	
33 44 13 13-0217 EA Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser .....	287.85	
33 44 13 13-0218 EA >860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser .....	317.98	
33 44 13 13-0219 EA >1140 Square Inch, >3" To 4" Rise, Catch Basin Riser .....	360.37	
<b>33 44 13 13-0220 Headwalls (33 44 13 13-0001)</b>		
Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.		
<b>33 44 13 13-0221 Cast In Place Concrete Headwalls (33 44 13 13-0220)</b>		
<b>33 44 13 13-0222 Skewed Wingwall, Cast In Place Concrete Headwall (33 44 13 13-0221)</b>		
Note: Sized by pipe diameter.		
33 44 13 13-0223 EA 12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	647.57	303.31
33 44 13 13-0224 EA 15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	816.77	323.53
33 44 13 13-0225 EA 18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	1,065.04	423.78
33 44 13 13-0226 EA 24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	1,657.06	606.61
33 44 13 13-0227 EA 30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	2,299.36	808.82
33 44 13 13-0228 EA 36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	2,831.46	1,066.11
33 44 13 13-0229 EA 42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	3,916.41	1,470.58
33 44 13 13-0230 EA 48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	4,654.80	1,733.17
33 44 13 13-0231 EA 54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	5,601.81	2,109.99
33 44 13 13-0232 EA 60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	6,727.88	2,554.17
<b>33 44 13 13-0233 Precast Concrete Headwalls (33 44 13 13-0220)</b>		
33 44 13 13-0234 EA 12" Pipe, Precast Concrete Headwall .....	343.94	79.43
33 44 13 13-0235 EA 15" Pipe, Precast Concrete Headwall .....	357.17	83.84
33 44 13 13-0236 EA 18" Pipe, Precast Concrete Headwall.....	393.71	95.32
33 44 13 13-0237 EA 24" Pipe, Precast Concrete Headwall .....	434.10	101.49
33 44 13 13-0238 EA 30" Pipe, Precast Concrete Headwall .....	574.81	119.14
33 44 13 13-0239 EA 36" Pipe, Precast Concrete Headwall .....	647.86	123.56





<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Water Drains</b>	<b>33 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0240 EA 42" Pipe, Precast Concrete Headwall.....	843.77	144.48
33 44 13 13-0241 EA 48" Pipe, Precast Concrete Headwall.....	929.72	159.19
33 44 13 13-0242 EA 54" Pipe, Precast Concrete Headwall.....	1,024.50	168.55
33 44 13 13-0243 EA 60" Pipe, Precast Concrete Headwall.....	1,159.65	168.55
33 44 13 13-0244 EA 72" Pipe, Precast Concrete Headwall.....	1,392.48	210.68
33 44 13 13-0245 EA 84" Pipe, Precast Concrete Headwall.....	1,957.65	252.83
<b>33 44 13 13-0246 Precast Concrete Wingwalls (33 44 13 13-0220)</b>		
33 44 13 13-0247 EA 18" ID Pipe (26" Hole) Precast Concrete Wingwall.....	2,168.13	834.33
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0248 EA 24" ID Pipe (32" Hole) Precast Concrete Wingwall.....	2,308.58	927.03
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0249 EA 30" ID Pipe (42" Hole) Precast Concrete Wingwall.....	2,542.69	1,081.53
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0250 EA 33" ID Pipe (46" Hole) Precast Concrete Wingwall.....	2,776.78	1,236.03
Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 44 13 13-0251 EA 36" ID Pipe (50" Hole) Precast Concrete Wingwall.....	2,776.78	1,236.03
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0252 EA 44" ID Pipe (58" Hole) Precast Concrete Wingwall.....	2,870.43	1,297.84
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0253 EA 48" ID Pipe (62" Hole) Precast Concrete Wingwall.....	4,706.44	1,328.74
Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0254 EA 52" ID Pipe (66" Hole) Precast Concrete Wingwall.....	4,846.90	1,421.44
Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
<b>33 44 13 13-0255 Precast Concrete Transverse Drainage Interceptor (33 44 13 13-0220)</b>		
33 44 13 13-0256 EA 34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate.....	1,899.38	327.74
<b>33 44 13 13-0257 Catch Basin Frames And Covers (33 44 13 13-0001)</b>		
<b>33 44 13 13-0258 Cast Iron Frames And Covers (33 44 13 13-0257)</b>		
33 44 13 13-0259 EA 18" Diameter Cast Iron Catch Basin Frame And Cover.....	341.91	48.47
33 44 13 13-0260 EA 22" Diameter Cast Iron Catch Basin Frame And Cover.....	431.34	54.77
33 44 13 13-0261 EA 24" Diameter Cast Iron Catch Basin Frame And Cover.....	487.38	56.71
33 44 13 13-0262 EA 26" Diameter Cast Iron Catch Basin Frame And Cover.....	548.88	65.92
33 44 13 13-0263 EA 28" Diameter Cast Iron Catch Basin Frame And Cover.....	642.36	75.13
33 44 13 13-0264 EA 32" Diameter Cast Iron Catch Basin Frame And Cover.....	1,020.15	78.52
33 44 13 13-0265 EA 16" x 16" Cast Iron Catch Basin Frame And Cover.....	554.66	59.62
33 44 13 13-0266 EA 18" x 24" Cast Iron Catch Basin Frame And Cover.....	721.77	68.83
33 44 13 13-0267 EA 20" x 27" Cast Iron Catch Basin Frame And Cover.....	815.26	71.73
33 44 13 13-0268 EA 23" x 23" Cast Iron Catch Basin Frame And Cover.....	770.92	71.73
33 44 13 13-0269 EA 24" x 24" Cast Iron Catch Basin Frame And Cover.....	796.88	74.64
33 44 13 13-0270 EA 26" x 26" Cast Iron Catch Basin Frame And Cover.....	855.36	77.55
33 44 13 13-0271 EA 24" x 36" Cast Iron Catch Basin Frame And Cover.....	1,026.80	83.36
33 44 13 13-0272 EA 15" x 26" Concave Cast Iron Catch Basin Frame And Cover.....	711.60	68.83
33 44 13 13-0273 EA 17" x 22" Concave Cast Iron Catch Basin Frame And Cover.....	693.29	68.83
33 44 13 13-0274 EA 22" x 22" Concave Cast Iron Catch Basin Frame And Cover.....	775.43	71.73
33 44 13 13-0275 EA 24" x 24" Concave Cast Iron Catch Basin Frame And Cover.....	843.35	74.64
33 44 13 13-0276 EA 28" x 28" Concave Cast Iron Catch Basin Frame And Cover.....	919.39	77.55
33 44 13 13-0277 EA 22" x 40" Concave Cast Iron Catch Basin Frame And Cover.....	1,071.49	83.36
<b>33 44 13 13-0278 Galvanized Welded Steel Frames And Parallel Bar Grates (33 44 13 13-0257)</b>		
<b>33 44 13 13-0279 Parallel Bar Grates (33 44 13 13-0278)</b>		
Note: Product as manufactured by Andrews Metal Products.		
33 44 13 13-0280 EA 18" x 24" Parallel Bar Grate.....	245.76	68.83
For Epoxy Coated, Add	47.00	
33 44 13 13-0281 EA 24" x 24" Parallel Bar Grate.....	296.64	74.64
For Epoxy Coated, Add	61.41	
33 44 13 13-0282 EA 24" x 30" Parallel Bar Grate.....	340.66	79.00
For Epoxy Coated, Add	74.28	
33 44 13 13-0283 EA 24" x 36" Parallel Bar Grate.....	382.76	83.36
For Epoxy Coated, Add	86.47	
33 44 13 13-0284 EA 30" x 30" Parallel Bar Grate.....	464.72	95.48
For Epoxy Coated, Add	108.37	
33 44 13 13-0285 EA 30" x 36" Parallel Bar Grate.....	523.92	101.30
For Epoxy Coated, Add	125.70	
33 44 13 13-0286 EA 30" x 42" Parallel Bar Grate.....	585.91	107.59
For Epoxy Coated, Add	144.00	
33 44 13 13-0287 EA 36" x 36" Parallel Bar Grate.....	748.02	116.32
For Epoxy Coated, Add	195.65	
33 44 13 13-0288 EA 36" x 42" Parallel Bar Grate.....	839.89	122.14
For Epoxy Coated, Add	224.41	
33 44 13 13-0289 EA 36" x 48" Parallel Bar Grate.....	939.48	131.35
For Epoxy Coated, Add	254.18	
<b>33 44 13 13-0290 Curb Inlet Frames And Covers (33 44 13 13-0001)</b>		

<b>33</b>	<b>Utilities</b>
<b>33 40</b>	<b>Storm Drainage Utilities</b>
<b>33 44</b>	<b>Storm Utility Water Drains</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0291			<b>Cast Iron Curb Inlet Frames And Covers</b> (33 44 13 13-0290)		
33 44 13 13-0292	EA		20" x 22" Cast Iron Curb Inlet Frame And Cover .....	690.91	56.71
33 44 13 13-0293	EA		22" x 24" Cast Iron Curb Inlet Frame And Cover .....	738.97	65.92
33 44 13 13-0294	EA		24" x 24" Cast Iron Curb Inlet Frame And Cover .....	768.02	65.92
33 44 13 13-0295	EA		27" x 27" Cast Iron Curb Inlet Frame And Cover .....	841.09	77.55
33 44 13 13-0296	EA		36" x 24" Cast Iron Curb Inlet Frame And Cover .....	832.63	82.88
33 44 13 13-0297			<b>Precast Inlet Top</b> (33 44 13 13-0290)		
33 44 13 13-0298	EA		3'-6" x 4'-10" Single Standard Precast Inlet Top With Metal Frame And Cover .....	775.70	79.97
33 44 13 13-0299	EA		3'-6" x 9'-8" Double Standard Precast Inlet Top With Metal Frame And Cover .....	1,469.84	119.96
33 44 13 13-0300	EA		3'-6" x 14'-6" Triple Standard Precast Inlet Top With Metal Frame And Cover .....	2,195.47	179.93
33 44 13 13-0301			<b>"Trench Former" Trench Drains</b> (33 44 13 13-0001)		
			Note: A disposable expanded polystyrene trench forming system for higher hydraulic flows or custom applications.		
33 44 13 13-0302	LF		8" Trench Former MD200 With Painted Frame And Ductile Iron Grate .....	106.51	
			Note: 8" trench with 10" grate. Add 2' of form for each change in direction to account for fitting.		
			For Galvanized Frame, Add .....	2.50	
33 44 13 13-0303	LF		12" Trench Former TF14 With Painted Frame And Ductile Iron Grate .....	127.89	
			Note: 12" trench with 14" grate. Add 2' of form for each change in direction to account for fitting.		
			For Galvanized Frame, Add .....	2.50	
33 44 13 13-0304			<b>Area Yard Drain</b> (33 44 13 13-0001)		
			See CSI section 22 14 26 16-0001 for drains.		
33 44 13 13-0305			<b>Ductile Iron Grates</b> (33 44 13 13-0304)		
			Note: Not for traffic loading.		
33 44 13 13-0306	EA		8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe .....	79.70	18.61
33 44 13 13-0307	EA		10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe .....	97.82	19.84
33 44 13 13-0308	EA		12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe .....	228.41	24.81
33 44 13 13-0309	EA		15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe .....	272.91	29.77
33 44 13 13-0310			<b>Storm Water Trash Collection</b> (33 44 13 13-0001)		
33 44 13 13-0311			<b>Trash Racks And Debris Cages For Storm Water Structures</b> (33 44 13 13-0310)		
33 44 13 13-0312			<b>High Density Polyethylene (HDPE) Structural Trash Rack And Debris Cage</b> (33 44 13 13-0311)		
33 44 13 13-0313	EA		30" Diameter High Density Polyethylene (HDPE) Pyramid Trash Rack .....	1,113.73	59.96
			Note: For 24" inside diameter concrete pipe.		
33 44 13 13-0314	EA		44" Diameter High Density Polyethylene (HDPE) Pyramid Trash Rack .....	1,313.97	65.96
			Note: For 36" inside diameter concrete pipe.		
33 44 13 13-0315	EA		58" Diameter High Density Polyethylene (HDPE) Pyramid Trash Rack .....	1,848.61	74.95
			Note: For 48" inside diameter concrete pipe.		
33 44 13 13-0316	EA		72" Diameter High Density Polyethylene (HDPE) Pyramid Trash Rack .....	2,362.47	89.94
			Note: For 60" inside diameter concrete pipe.		
33 44 13 13-0317	SF		Up To 4 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	97.49	8.99
33 44 13 13-0318	SF		>4 To 8 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	69.49	7.50
33 44 13 13-0319	SF		>8 To 12 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	55.27	6.00
33 44 13 13-0320	SF		>12 To 20 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	48.96	5.25
33 44 13 13-0321	SF		>20 To 35 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	46.25	4.50
33 44 13 13-0322	SF		>35 To 55 SF Opening Flat Roof High Density Polyethylene (HDPE) Trash Rack .....	41.93	3.75
33 44 13 13-0323	SF		Up To 4 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	118.87	8.99
33 44 13 13-0324	SF		>4 To 8 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	84.37	7.50
33 44 13 13-0325	SF		>8 To 12 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	67.09	6.00
33 44 13 13-0326	SF		>12 To 20 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	59.45	5.25
33 44 13 13-0327	SF		>20 To 35 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	56.32	4.50
33 44 13 13-0328	SF		>35 To 55 SF Opening Arched Roof High Density Polyethylene (HDPE) Trash Rack .....	51.16	3.75
33 44 13 13-0329			<b>Galvanized Steel Structural Trash Rack And Debris Cage</b> (33 44 13 13-0311)		
33 44 13 13-0330	EA		30" Diameter Galvanized Steel Pyramid Trash Rack With Baffle .....	1,956.09	89.94
			Note: For 24" inside diameter concrete pipe.		
33 44 13 13-0331	EA		44" Diameter Galvanized Steel Pyramid Trash Rack With Baffle .....	2,428.56	99.94
			Note: For 36" inside diameter concrete pipe.		
33 44 13 13-0332	EA		58" Diameter Galvanized Steel Pyramid Trash Rack With Baffle .....	2,768.89	111.94
			Note: For 48" inside diameter concrete pipe.		
33 44 13 13-0333	EA		72" Diameter Galvanized Steel Pyramid Trash Rack With Baffle .....	3,070.55	134.92
			Note: For 60" inside diameter concrete pipe.		
33 44 13 13-0334	SF		Up To 4 SF Opening Flat Roof Galvanized Steel Trash Rack .....	116.32	13.50
33 44 13 13-0335	SF		>4 To 8 SF Opening Flat Roof Galvanized Steel Trash Rack .....	83.42	11.25
33 44 13 13-0336	SF		>8 To 12 SF Opening Flat Roof Galvanized Steel Trash Rack .....	66.36	8.99
33 44 13 13-0337	SF		>12 To 20 SF Opening Flat Roof Galvanized Steel Trash Rack .....	58.76	7.87
33 44 13 13-0338	SF		>20 To 35 SF Opening Flat Roof Galvanized Steel Trash Rack .....	55.28	6.74
33 44 13 13-0339	SF		>35 To 55 SF Opening Flat Roof Galvanized Steel Trash Rack .....	49.96	5.62

**33 44 16 Utility Trench Drains** (33 44)



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Water Drains</b>	<b>33 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0001 Modular Trench Drains <sup>(33 44 16)</sup> See CSI section 03 31 13 00-0011 for concrete.		
33 44 16 00-0002 Modular Trench Drains <sup>(33 44 16 00-0001)</sup> Note: Excludes grates. See CSI section 33 44 16 00-0096 for grates.		
33 44 16 00-0003 6" Wide, Modular Trench Drains <sup>(33 44 16 00-0002)</sup>		
33 44 16 00-0004 6" Wide, High Density Polyethylene, Modular Trench Drains <sup>(33 44 16 00-0003)</sup>		
33 44 16 00-0005 6" Wide, High Density Polyethylene, Modular Trench Drains <sup>(33 44 16 00-0004)</sup>		
33 44 16 00-0006 LF 6" Wide, High Density Polyethylene, Modular Trench Drain.....	66.39	7.75
For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	29.64	
For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	59.29	
For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	94.86	
For Type 304 Stainless Steel Top Veneer Frame, Add	23.72	
For Aluminum Veneer Bronze Anodized Frame, Add	11.86	
33 44 16 00-0007 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains <sup>(33 44 16 00-0004)</sup>		
33 44 16 00-0008 EA Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	31.03	
33 44 16 00-0009 EA No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	35.88	
33 44 16 00-0010 EA No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	35.88	
33 44 16 00-0011 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains <sup>(33 44 16 00-0004)</sup>		
33 44 16 00-0012 EA Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	55.89	
33 44 16 00-0013 EA Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	55.89	
33 44 16 00-0014 EA 90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	261.39	
33 44 16 00-0015 EA Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	498.55	
33 44 16 00-0016 EA Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	59.29	
33 44 16 00-0017 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <sup>(33 44 16 00-0003)</sup>		
33 44 16 00-0018 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <sup>(33 44 16 00-0017)</sup>		
33 44 16 00-0019 LF 6" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	94.25	7.75
For Black Acid Resistant Coated Frame, Add	22.53	
For Galvanized Top Frame Assembly, Add	22.53	
For Type 304 Stainless Steel Top Frame Assembly, Add	83.01	
33 44 16 00-0020 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <sup>(33 44 16 00-0017)</sup>		
33 44 16 00-0021 EA Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	33.41	
33 44 16 00-0022 EA No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	38.26	
33 44 16 00-0023 EA No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	38.26	
33 44 16 00-0024 Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <sup>(33 44 16 00-0017)</sup>		
33 44 16 00-0025 EA Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	55.89	
33 44 16 00-0026 EA Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	55.89	
33 44 16 00-0027 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	261.39	
33 44 16 00-0028 EA Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	498.55	
33 44 16 00-0029 EA Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	59.29	
33 44 16 00-0030 6" Wide, Vinylester Fiberglass, Modular Trench Drains <sup>(33 44 16 00-0003)</sup>		
33 44 16 00-0031 6" Wide, Vinylester Fiberglass, Modular Trench Drains <sup>(33 44 16 00-0030)</sup>		
33 44 16 00-0032 LF 6" Wide, Vinylester Fiberglass, Modular Trench Drain.....	120.34	7.75
For Black Acid Resistant Coated Frame, Add	22.53	
For Galvanized Top Frame Assembly, Add	22.53	
For Type 304 Stainless Steel Top Frame Assembly, Add	83.01	
33 44 16 00-0033 Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains <sup>(33 44 16 00-0030)</sup>		
33 44 16 00-0034 EA Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	52.38	
33 44 16 00-0035 EA No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	57.23	
33 44 16 00-0036 EA No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	57.23	
33 44 16 00-0037 Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains <sup>(33 44 16 00-0030)</sup>		
33 44 16 00-0038 EA Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	55.89	
33 44 16 00-0039 EA Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	55.89	
33 44 16 00-0040 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	261.39	

**33 Utilities****33 40 Storm Drainage Utilities****33 44 Storm Utility Water Drains**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0041 EA Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	498.55	
33 44 16 00-0042 EA Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	59.29	
<b>33 44 16 00-0043 12" Wide, Modular Trench Drains (33 44 16 00-0002)</b>		
<b>33 44 16 00-0044 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0043)</b>		
<b>33 44 16 00-0045 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)</b>		
33 44 16 00-0046 LF 12" Wide, High Density Polyethylene, Modular Trench Drain .....	122.12	10.66
<i>For Acid Resistant Coated Top Frame, Add</i>	30.83	
<i>For Galvanized Welded Frame Assembly, Add</i>	32.31	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98	
<b>33 44 16 00-0047 Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)</b>		
33 44 16 00-0048 EA End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	61.55	
33 44 16 00-0049 EA No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	68.01	
33 44 16 00-0050 EA No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	68.01	
<b>33 44 16 00-0051 Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)</b>		
33 44 16 00-0052 EA Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	98.88	
33 44 16 00-0053 EA Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains .....	128.52	
33 44 16 00-0054 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains .....	511.61	
33 44 16 00-0055 EA Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	985.93	
33 44 16 00-0056 EA Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains .....	118.58	
<b>33 44 16 00-0057 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0043)</b>		
<b>33 44 16 00-0058 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)</b>		
33 44 16 00-0059 LF 12" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	151.77	10.66
<i>For Acid Resistant Coated Top Frame, Add</i>	30.83	
<i>For Galvanized Welded Frame Assembly, Add</i>	32.31	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98	
<b>33 44 16 00-0060 Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)</b>		
33 44 16 00-0061 EA End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	63.92	
33 44 16 00-0062 EA No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	70.38	
33 44 16 00-0063 EA No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	70.38	
<b>33 44 16 00-0064 Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)</b>		
33 44 16 00-0065 EA Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	98.88	
33 44 16 00-0066 EA Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	128.52	
33 44 16 00-0067 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	511.61	
33 44 16 00-0068 EA Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	985.93	
33 44 16 00-0069 EA Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	118.58	
<b>33 44 16 00-0070 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0043)</b>		
<b>33 44 16 00-0071 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)</b>		
33 44 16 00-0072 LF 12" Wide, Vinylester Fiberglass, Modular Trench Drain.....	211.06	10.66
<i>For Acid Resistant Coated Top Frame, Add</i>	30.83	
<i>For Galvanized Welded Frame Assembly, Add</i>	32.31	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98	
<b>33 44 16 00-0073 Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)</b>		
33 44 16 00-0074 EA End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	152.85	
33 44 16 00-0075 EA No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains .....	159.31	
33 44 16 00-0076 EA No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains .....	159.31	
<b>33 44 16 00-0077 Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)</b>		
33 44 16 00-0078 EA Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains .....	98.88	
33 44 16 00-0079 EA Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	128.52	
33 44 16 00-0080 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains .....	511.61	
33 44 16 00-0081 EA Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains .....	985.93	
33 44 16 00-0082 EA Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	118.58	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Water Drains</b>	<b>33 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 44 16 00-0083</b> 23" Wide, Modular Trench Drains <small>(33 44 16 00-0002)</small>		
<b>33 44 16 00-0084</b> 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 44 16 00-0083)</small>		
<b>33 44 16 00-0085</b> 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 44 16 00-0084)</small>		
33 44 16 00-0086 LF 23" Wide, High Density Polyethylene, Modular Trench Drain ..... <i>For Acid Resistant Coated Frame, Add</i> ..... <i>For Galvanized Frame Assembly, Add</i> ..... <i>For Type 304 Stainless Steel Top Frame, Add</i> .....	170.73 46.25 46.25 284.59	14.54
<b>33 44 16 00-0087</b> Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 44 16 00-0084)</small>		
33 44 16 00-0088 EA End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains .....	187.99	
33 44 16 00-0089 EA No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	280.25	
33 44 16 00-0090 EA No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	280.25	
<b>33 44 16 00-0091</b> Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains <small>(33 44 16 00-0084)</small>		
33 44 16 00-0092 EA Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	222.06	
33 44 16 00-0093 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,009.22	
33 44 16 00-0094 EA Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,957.86	
33 44 16 00-0095 EA Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains .....	237.16	
<b>33 44 16 00-0096</b> Modular Trench Drain Grates <small>(33 44 16 00-0001)</small>		
<b>33 44 16 00-0097</b> 6" Wide, Modular Trench Drain Grates <small>(33 44 16 00-0096)</small>		
33 44 16 00-0098 LF 6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate .....	59.35	1.46
33 44 16 00-0099 LF 6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate .....	50.40	1.46
33 44 16 00-0100 LF 6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	52.89	1.46
33 44 16 00-0101 LF 6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	46.30	1.46
33 44 16 00-0102 LF 6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	49.86	1.46
33 44 16 00-0103 LF 6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	50.45	1.46
33 44 16 00-0104 LF 6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate .....	50.45	1.46
33 44 16 00-0105 LF 6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate .....	49.86	1.46
33 44 16 00-0106 LF 6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate.....	43.93	1.46
33 44 16 00-0107 LF 6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate .....	43.93	1.46
33 44 16 00-0108 LF 6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate .....	46.66	1.46
33 44 16 00-0109 LF 6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate.....	46.66	1.46
33 44 16 00-0110 LF 6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate .....	60.53	1.46
33 44 16 00-0111 LF 6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate .....	60.53	1.46
33 44 16 00-0112 LF 6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate .....	110.34	1.46
33 44 16 00-0113 LF 6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate .....	110.34	1.46
33 44 16 00-0114 LF 6" Wide, Stainless Steel Bar, Modular Trench Drain Grate.....	305.99	1.46
33 44 16 00-0115 LF 6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate .....	41.56	1.46
33 44 16 00-0116 LF 6" Wide, Fiberglass, Modular Trench Drain Grate .....	88.99	1.46
<b>33 44 16 00-0117</b> 12" Wide, Modular Trench Drain Grates <small>(33 44 16 00-0096)</small>		
33 44 16 00-0118 LF 12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate.....	162.75	1.57
33 44 16 00-0119 LF 12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	155.64	1.57
33 44 16 00-0120 LF 12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	135.48	1.57
33 44 16 00-0121 LF 12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	142.30	1.57
33 44 16 00-0122 LF 12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate .....	123.03	1.57
33 44 16 00-0123 LF 12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate .....	240.13	1.57
33 44 16 00-0124 LF 12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate.....	240.13	1.57
33 44 16 00-0125 LF 12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate .....	306.23	1.57
33 44 16 00-0126 LF 12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate .....	306.23	1.57
33 44 16 00-0127 LF 12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	390.72	1.57
33 44 16 00-0128 LF 12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate .....	390.72	1.57
33 44 16 00-0129 LF 12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate .....	370.86	1.57
33 44 16 00-0130 LF 12" Wide, Fiberglass, Modular Trench Drain Grate .....	175.50	1.57
<b>33 44 16 00-0131</b> 23" Wide, Modular Trench Drain Grates <small>(33 44 16 00-0096)</small>		
33 44 16 00-0132 LF 23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	256.67	1.70
33 44 16 00-0133 LF 23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	216.35	1.70
33 44 16 00-0134 LF 23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	334.93	1.70
33 44 16 00-0135 LF 23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate.....	248.37	1.70
<b>33 44 19 Utility Oil and Gas Separators</b> <small>(33 44)</small>		
<b>33 44 19 19 Utility Oil and Gas Separators</b> <small>(33 44 19)</small>		
<b>33 44 19 19-0001 Oil/Water Separator</b> <small>(33 44 19 19)</small>		
Note: Complete with internal sensors and detectors.		

**33 Utilities****33 40 Storm Drainage Utilities****33 44 Storm Utility Water Drains**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 44 19 19-0002		<b>Coalescing Oil Water Separator</b> <small>(33 44 19 19-0001)</small>	
		Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.	
33 44 19 19-0003		<b>Single Wall Steel Coalescing Oil Water Separator</b> <small>(33 44 19 19-0002)</small>	
33 44 19 19-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	10,382.63
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	711.00
33 44 19 19-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	12,457.56
		Note: HTC-G 1000. 4' diameter x 14' long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	893.70
33 44 19 19-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	14,691.35
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	1,340.10
33 44 19 19-0007		<b>Double Wall Steel Coalescing Oil Water Separator</b> <small>(33 44 19 19-0002)</small>	
33 44 19 19-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	15,517.10
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	711.00
33 44 19 19-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	17,677.33
		Note: HTC-G 1000. 4' diameter x 14' long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	893.70
33 44 19 19-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	21,355.41
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	1,340.10
33 44 19 19-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	24,685.37
		Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	1,550.70
33 44 19 19-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	32,259.12
		Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	
		<i>For Interior Polyurethane Coating, Add</i>	2,057.80
33 44 19 19-0013		<b>Accessories For Coalescing Oil Water Separators</b> <small>(33 44 19 19-0002)</small>	
33 44 19 19-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator .....	603.96
		Note: HTAP1.	
33 44 19 19-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator .....	819.69
		Note: HTAP2.	
33 44 19 19-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator .....	483.29
		Note: Required for UL 2215 label.	
33 44 19 19-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator .....	358.96
		Note: Required for UL 2215 label.	
33 44 19 19-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator .....	125.84
		Note: Required for UL 2215 label.	
33 44 19 19-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator .....	1,979.08
33 44 19 19-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator .....	3,958.14
33 44 19 19-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator .....	5,937.26
33 44 19 19-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	353.22
33 44 19 19-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	419.53
33 44 19 19-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	839.07
33 44 19 19-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	1,880.26
33 44 19 19-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator .....	508.63
		Note: Required when installed in paved areas.	
33 44 19 19-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator .....	665.20
		Note: Required when installed in paved areas.	
33 44 19 19-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator .....	925.38
		Note: Required when installed in paved areas.	
33 44 19 19-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator .....	1,700.37
		Note: Required when installed in paved areas.	
33 44 19 19-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator .....	2,191.47
		Note: Required when installed in paved areas.	
33 44 19 19-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator .....	2,755.10
		Note: Required when installed in paved areas.	
33 44 19 19-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator .....	3,478.29
		Note: Required when installed in paved areas.	
33 44 19 19-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	691.07
33 44 19 19-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	842.33
33 44 19 19-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	1,323.07
33 44 19 19-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	658.95
33 44 19 19-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	799.85
33 44 19 19-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	949.05
33 44 19 19-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator .....	55.95
33 44 19 19-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator .....	63.20
33 44 19 19-0041		<b>Oil Skimmers</b> <small>(33 44 19 19)</small>	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Storm Utility Water Drains</b>	<b>33 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 44 19 19-0042 Oil Skimmers, 12" And 24" Models</b> <small>(33 44 19 19-0041)</small>		
33 44 19 19-0043 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,417.88	371.82
33 44 19 19-0044 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,642.96	371.82
33 44 19 19-0045 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	4,438.72	371.82
33 44 19 19-0046 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	4,727.36	371.82
33 44 19 19-0047 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	4,675.26	371.82
33 44 19 19-0048 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	4,865.95	371.82
33 44 19 19-0049 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	4,724.24	371.82
33 44 19 19-0050 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,011.84	371.82
33 44 19 19-0051 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,907.67	495.86
33 44 19 19-0052 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	5,148.38	495.86
33 44 19 19-0053 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	4,971.23	495.86
33 44 19 19-0054 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	5,317.19	495.86
33 44 19 19-0055 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	5,516.22	495.86
33 44 19 19-0056 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	5,756.93	495.86
33 44 19 19-0057 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,567.28	495.86
33 44 19 19-0058 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,914.28	495.86
<b>33 44 19 19-0059 Oil Skimmers, Add-Ons</b> <small>(33 44 19 19-0041)</small>		
33 44 19 19-0060 LF Add For Belt Projection, 12" Width.....	15.63	
33 44 19 19-0061 LF Add For Belt Projection, 24" Width.....	29.18	
33 44 19 19-0062 LF Add For Spacer Stands, 12" Models.....	216.18	
33 44 19 19-0063 LF Add For Spacer Stands, 24" Models.....	262.03	
<b>33 46 Subdrainage</b> <small>(33 46)</small>		
<b>33 46 16 Subdrainage Piping</b> <small>(33 46)</small>		
<small>See CSI section 33 41 13 00-0075 for polyethylene drain pipe.</small>		
<b>33 46 16 00-0001 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729</b> <small>(33 46 16)</small>		
<small>Note: Includes fittings, couplings, elbows, etc.</small>		
33 46 16 00-0002 LF 4" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	3.66	2.23
33 46 16 00-0003 LF 6" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	5.13	2.67
33 46 16 00-0004 LF 8" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	7.93	3.34
33 46 16 00-0005 LF 10" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	12.99	3.82
33 46 16 00-0006 LF 12" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	16.73	4.45
33 46 16 00-0007 LF 15" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	29.85	5.35
<b>33 46 16 00-0008 Perforated Non Reinforced Concrete Drainage Piping, C444</b> <small>(33 46 16)</small>		
33 46 16 00-0009 LF 6" Perforated Non Reinforced Concrete Drainage Pipe.....	15.05	2.65
<small>For Extra Strength, Add</small>		
<small>For &gt;1,000, Deduct</small>		
	1.11	
	-0.75	
33 46 16 00-0010 LF 8" Perforated Non Reinforced Concrete Drainage Pipe.....	17.77	3.09
<small>For Extra Strength, Add</small>		
<small>For &gt;1,000, Deduct</small>		
	1.37	
	-0.89	
33 46 16 00-0011 LF 10" Perforated Non Reinforced Concrete Drainage Pipe.....	20.28	3.53
<small>For Extra Strength, Add</small>		
<small>For &gt;1,000, Deduct</small>		
	1.60	
	-1.01	
33 46 16 00-0012 LF 12" Perforated Non Reinforced Concrete Drainage Pipe.....	24.48	4.41
<small>For Extra Strength, Add</small>		
<small>For &gt;1,000, Deduct</small>		
	2.00	
	-1.22	
<b>33 46 16 00-0013 Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654</b> <small>(33 46 16)</small>		
<small>Note: Bell and spigot or tongue and groove. With seals and gaskets.</small>		
33 46 16 00-0014 LF 6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	13.98	5.56
<small>For &gt;1,000, Deduct</small>		
	-0.70	
33 46 16 00-0015 LF 8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	15.45	6.18
<small>For &gt;1,000, Deduct</small>		
	-0.77	
33 46 16 00-0016 LF 10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	17.06	6.79
<small>For &gt;1,000, Deduct</small>		
	-0.85	
33 46 16 00-0017 LF 12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	19.64	7.06
<small>For &gt;1,000, Deduct</small>		
	-0.98	
33 46 16 00-0018 LF 15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	22.99	7.95
<small>For &gt;1,000, Deduct</small>		
	-1.15	
33 46 16 00-0019 LF 18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	28.42	10.15
<small>For &gt;1,000, Deduct</small>		
	-1.42	
33 46 16 00-0020 LF 21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	35.42	13.02
<small>For &gt;1,000, Deduct</small>		
	-1.77	
33 46 16 00-0021 LF 24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	43.22	15.88
<small>For &gt;1,000, Deduct</small>		
	-2.16	
<b>33 46 16 00-0022 Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654</b> <small>(33 46 16)</small>		
33 46 16 00-0023 LF 6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	10.46	2.65
<small>For &gt;1,000, Deduct</small>		
	-0.52	

**33 Utilities****33 40 Storm Drainage Utilities****33 46 Subdrainage**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 16 00-0024 LF 8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe ..... <i>For &gt;1,000, Deduct</i>	13.97 -0.70	3.09
33 46 16 00-0025 LF 10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe ..... <i>For &gt;1,000, Deduct</i>	18.59 -0.93	3.53
33 46 16 00-0026 LF 12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe ..... <i>For &gt;1,000, Deduct</i>	26.64 -1.33	7.06
33 46 16 00-0027 LF 15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe ..... <i>For &gt;1,000, Deduct</i>	30.61 -1.53	7.95
33 46 16 00-0028 LF 18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe ..... <i>For &gt;1,000, Deduct</i>	39.86 -1.99	10.15
<b>33 46 16 00-0029 Perforated Vitrified Clay Drainage Piping, C700</b> <small>(33 46 16)</small>		
33 46 16 00-0030 LF 4" Perforated Vitrified Clay Drainage Pipe .....	8.87	3.53
33 46 16 00-0031 LF 6" Perforated Vitrified Clay Drainage Pipe .....	11.80	3.53
33 46 16 00-0032 LF 8" Perforated Vitrified Clay Drainage Pipe .....	14.43	3.53
33 46 16 00-0033 LF 10" Perforated Vitrified Clay Drainage Pipe .....	18.78	3.53
33 46 16 00-0034 LF 12" Perforated Vitrified Clay Drainage Pipe .....	23.18	3.53
<b>33 46 16 00-0035 Geotextile Filter Fabric Sock</b> <small>(33 46 16)</small>		
33 46 16 00-0036 LF 3" Geotextile Filter Fabric Sock.....	0.38	
33 46 16 00-0037 LF 4" Geotextile Filter Fabric Sock.....	0.51	
33 46 16 00-0038 LF 6" Geotextile Filter Fabric Sock.....	0.78	
33 46 16 00-0039 LF 8" Geotextile Filter Fabric Sock.....	1.04	
33 46 16 00-0040 LF 10" Geotextile Filter Fabric Sock.....	1.58	
33 46 16 00-0041 LF 12" Geotextile Filter Fabric Sock.....	2.20	
33 46 16 00-0042 LF 15" Geotextile Filter Fabric Sock.....	2.67	
<b>33 46 16 00-0043 Strip-Perforated, Galvanized, Corrugated Steel Pipe</b> <small>(33 46 16)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0044 LF 6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	11.73	2.65
<i>For Full Perforated, Add</i>	0.64	
33 46 16 00-0045 LF 8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	14.89	3.21
<i>For Full Perforated, Add</i>	0.85	
33 46 16 00-0046 LF 10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	18.76	4.08
<i>For Full Perforated, Add</i>	1.06	
33 46 16 00-0047 LF 12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	20.74	4.82
<i>For Full Perforated, Add</i>	1.11	
33 46 16 00-0048 LF 15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	23.92	4.98
<i>For Full Perforated, Add</i>	1.40	
33 46 16 00-0049 LF 18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	27.18	5.17
<i>For Full Perforated, Add</i>	1.69	
33 46 16 00-0050 LF 21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	30.87	5.41
<i>For Full Perforated, Add</i>	2.01	
<b>33 46 16 00-0051 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe</b> <small>(33 46 16)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0052 LF 6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	12.76	2.65
<i>For Full Perforated, Add</i>	0.75	
33 46 16 00-0053 LF 8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	16.29	3.21
<i>For Full Perforated, Add</i>	0.99	
33 46 16 00-0054 LF 10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	20.47	4.08
<i>For Full Perforated, Add</i>	1.23	
33 46 16 00-0055 LF 12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	22.40	4.82
<i>For Full Perforated, Add</i>	1.28	
33 46 16 00-0056 LF 15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	25.97	4.98
<i>For Full Perforated, Add</i>	1.60	
33 46 16 00-0057 LF 18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	29.62	5.17
<i>For Full Perforated, Add</i>	1.93	
33 46 16 00-0058 LF 21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	33.71	5.41
<i>For Full Perforated, Add</i>	2.29	
<b>33 46 16 00-0059 Strip-Perforated, Corrugated Aluminum Pipe</b> <small>(33 46 16)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0060 LF 6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	13.09	2.65
<i>For Full Perforated, Add</i>	0.78	
33 46 16 00-0061 LF 8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	16.72	3.21
<i>For Full Perforated, Add</i>	1.03	
33 46 16 00-0062 LF 10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	21.01	4.08
<i>For Full Perforated, Add</i>	1.29	
33 46 16 00-0063 LF 12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	26.50	4.82
<i>For Full Perforated, Add</i>	1.69	
33 46 16 00-0064 LF 15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	31.08	4.98
<i>For Full Perforated, Add</i>	2.11	
33 46 16 00-0065 LF 18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	35.81	5.17
<i>For Full Perforated, Add</i>	2.55	
33 46 16 00-0066 LF 21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	40.93	5.41
<i>For Full Perforated, Add</i>	3.01	





<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Storm Drainage Utilities</b>	<b>33 40</b>	
<b>Subdrainage</b>	<b>33 46</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**33 46 23 Underslab Drainage (33 46)**

<b>33 46 23 00-0001</b>	<b>Capillary Water Barrier Underslab Drainage (33 46 23)</b> Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 46 23 00-0002	CY 2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	29.32	
33 46 23 00-0003	CY 4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	28.14	
33 46 23 00-0004	CY 6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	27.67	
33 46 23 00-0005	CY 8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	26.96	

**33 50 Fuel Distribution Utilities (33)**

**33 51 Natural-Gas Distribution (33 50)**

**33 51 13 Natural-Gas Piping (33 51)**

See CSI section 23 05 23 00-0000 for gas valves.

**33 51 13 00-0001 Gas Distribution Lines (33 51 13)**

Note: Excludes excavation and backfill.

**33 51 13 00-0002 Medium Density Polyethylene (MDPE) Gas Distribution Piping (33 51 13 00-0001)**

Note: 60 PSI, PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 51 13 00-0003	LF 1/2" DR 9 (200 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	2.16	0.98
	For Colors, Add	0.03	
33 51 13 00-0004	LF 3/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	2.40	1.05
	For DR 13.5 (128 PSI), Deduct	-0.05	
	For Colors, Add	0.03	
33 51 13 00-0005	LF 1" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	2.62	1.12
	For DR 13.5 (128 PSI), Deduct	-0.06	
	For Colors, Add	0.04	
33 51 13 00-0006	LF 1-1/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	2.87	1.19
	For DR 13.5 (128 PSI), Deduct	-0.07	
	For Colors, Add	0.05	
33 51 13 00-0007	LF 1-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	3.27	1.44
	For DR 13.5 (128 PSI), Deduct	-0.11	
	For Colors, Add	0.07	
33 51 13 00-0008	LF 2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	3.67	1.55
	For DR 13.5 (128 PSI), Deduct	-0.14	
	For DR 15.5 (110 PSI), Deduct	-0.26	
	For Colors, Add	0.09	
33 51 13 00-0009	LF 2-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	4.55	1.83
	For DR 13.5 (128 PSI), Deduct	-0.23	
	For DR 15.5 (110 PSI), Deduct	-0.42	
	For Colors, Add	0.15	
33 51 13 00-0010	LF 3" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	5.52	2.17
	For DR 13.5 (128 PSI), Deduct	-0.31	
	For DR 15.5 (110 PSI), Deduct	-0.58	
	For Colors, Add	0.20	
33 51 13 00-0011	LF 4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	8.42	2.26
	For DR 13.5 (128 PSI), Deduct	-0.58	
	For DR 15.5 (110 PSI), Deduct	-1.07	
	For Colors, Add	0.38	
33 51 13 00-0012	LF 5" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	14.13	2.26
	For DR 13.5 (128 PSI), Deduct	-0.81	
	For DR 15.5 (110 PSI), Deduct	-1.49	
	For Colors, Add	0.52	
33 51 13 00-0013	LF 6" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	12.87	2.26
	For DR 13.5 (128 PSI), Deduct	-1.04	
	For DR 15.5 (110 PSI), Deduct	-1.90	
	For Colors, Add	0.67	
33 51 13 00-0014	LF 8" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	18.98	2.82
	For DR 13.5 (128 PSI), Deduct	-1.72	
	For DR 15.5 (110 PSI), Deduct	-3.17	
	For Colors, Add	1.11	

**33 51 13 00-0015 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped (33 51 13 00-0001)**

33 51 13 00-0016	LF 1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	8.57	1.57
33 51 13 00-0017	LF 3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	9.79	1.72
33 51 13 00-0018	LF 1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	10.98	1.77
33 51 13 00-0019	LF 1-1/4" (3.2 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	11.26	1.81
33 51 13 00-0020	LF 1-1/2" (3.6 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	11.64	1.84
33 51 13 00-0021	LF 2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	12.36	1.98
33 51 13 00-0022	LF 2-1/2" (6.0 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	16.44	2.23
33 51 13 00-0023	LF 3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	20.53	2.81
33 51 13 00-0024	LF 4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	27.27	3.40
33 51 13 00-0025	LF 5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	36.20	3.94
33 51 13 00-0026	LF 6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	45.39	4.80
33 51 13 00-0027	LF 8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel .....	65.25	6.18

**33 51 13 00-0028 Gas Line Taps (33 51 13 00-0001)**

Note: Includes material to tap into main and gas valve.

<b>33</b>	<b>Utilities</b>
<b>33 50</b>	<b>Fuel Distribution Utilities</b>
<b>33 51</b>	<b>Natural-Gas Distribution</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>33 51 13 00-0029</b>	<b>Polyethylene, 60 PSI</b> <small>(33 51 13 00-0028)</small>		
33 51 13 00-0030	EA 2" Polyethylene Hot Tap, With Valve .....	929.29	
33 51 13 00-0031	EA 2-1/2" Polyethylene Hot Tap, With Valve .....	1,071.72	
33 51 13 00-0032	EA 3" Polyethylene Hot Tap, With Valve .....	1,130.92	
33 51 13 00-0033	EA 4" Polyethylene Hot Tap, With Valve .....	1,640.55	
33 51 13 00-0034	EA 6" Polyethylene Hot Tap, With Valve .....	2,520.72	
<b>33 51 13 00-0035</b>	<b>Steel, Schedule 40</b> <small>(33 51 13 00-0028)</small>		
	Note: For punch steel service tee.		
33 51 13 00-0036	EA 1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,473.82	
33 51 13 00-0037	EA 3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,498.78	
33 51 13 00-0038	EA 3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,533.04	
33 51 13 00-0039	EA 3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,566.22	
33 51 13 00-0040	EA 1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,591.12	
33 51 13 00-0041	EA 1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,732.19	
33 51 13 00-0042	EA 1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee .....	1,775.67	
<b>33 51 13 00-0043</b>	<b>Protective Pipe And Fitting Wrap</b> <small>(33 51 13 00-0001)</small>		
	Note: Includes cleaning and priming pipe.		
<b>33 51 13 00-0044</b>	<b>Corrosion Protection Pipe Wrap For Pipe</b> <small>(33 51 13 00-0043)</small>		
	Note: Field applied.		
33 51 13 00-0045	LF 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	2.30	
33 51 13 00-0046	LF 3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	2.41	
33 51 13 00-0047	LF 1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	2.54	
33 51 13 00-0048	LF 1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	2.86	
33 51 13 00-0049	LF 1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	3.05	
33 51 13 00-0050	LF 2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	3.53	
33 51 13 00-0051	LF 2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	4.32	
33 51 13 00-0052	LF 3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	5.42	
33 51 13 00-0053	LF 4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	6.88	
33 51 13 00-0054	LF 6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe .....	9.20	
<b>33 51 13 00-0055</b>	<b>Corrosion Resistance Wrap And Coat - Fittings</b> <small>(33 51 13 00-0043)</small>		
	Note: Field applied.		
33 51 13 00-0056	EA 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	11.73	
33 51 13 00-0057	EA 3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	11.73	
33 51 13 00-0058	EA 1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	14.42	
33 51 13 00-0059	EA 1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	16.37	
33 51 13 00-0060	EA 1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	16.37	
33 51 13 00-0061	EA 2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	19.38	
33 51 13 00-0062	EA 2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	25.82	
33 51 13 00-0063	EA 3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	36.21	
33 51 13 00-0064	EA 4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	36.75	
33 51 13 00-0065	EA 6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	42.44	
<b>33 51 33</b>	<b>Natural-Gas Metering</b> <small>(33 51)</small>		
<b>33 51 33 00-0001</b>	<b>Gas Meters And Regulators</b> <small>(33 51 33)</small>		
<b>33 51 33 00-0002</b>	<b>Natural Gas Meters</b> <small>(33 51 33 00-0001)</small>		
<b>33 51 33 00-0003</b>	<b>Diaphragm Meters</b> <small>(33 51 33 00-0002)</small>		
	Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.		
33 51 33 00-0004	EA 250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded .....	320.05	42.14
	For Temperature And Pressure Compensation, Add	8.40	
	For Pulsers, Add	26.50	
33 51 33 00-0005	EA 425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded.....	627.06	64.44
	For Temperature And Pressure Compensation, Add	8.40	
	For Pulsers, Add	26.50	
33 51 33 00-0006	EA 425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded.....	736.05	64.44
	For Temperature And Pressure Compensation, Add	8.40	
	For Pulsers, Add	26.50	
33 51 33 00-0007	EA 800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded.....	1,601.86	80.55
	For Temperature And Pressure Compensation, Add	8.40	
	For Pulsers, Add	26.50	
33 51 33 00-0008	EA 1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded.....	1,812.87	99.13
	For Temperature And Pressure Compensation, Add	8.40	
	For Pulsers, Add	26.50	



	<b>Utilities</b>	<b>33</b>	
	<b>Fuel Distribution Utilities</b>	<b>33 50</b>	<b>33</b>
	<b>Natural-Gas Distribution</b>	<b>33 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 51 33 00-0009 EA 800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	2,380.65 8.40 26.50	80.55
33 51 33 00-0010 EA 1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	2,650.93 8.40 26.50	99.13
33 51 33 00-0011 EA 1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	3,497.09 8.40 26.50	105.33
33 51 33 00-0012 EA 2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	4,946.17 8.40 26.50	123.92
33 51 33 00-0013 EA 5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded..... <i>For Temperature And Pressure Compensation, Add</i> <i>For Pulsers, Add</i>	7,556.93 8.40 26.50	204.46
<b>33 51 33 00-0014 Gas Pressure Regulators</b> (33 51 33 00-0001)		
<b>33 51 33 00-0015 Regulators With Screwed And Flanged Ends</b> (33 51 33 00-0014)		
33 51 33 00-0016 EA 3/4" Gas Pressure Regulator, Screwed End.....	129.82	10.77
33 51 33 00-0017 EA 1" Gas Pressure Regulator, Screwed End.....	132.27	10.77
33 51 33 00-0018 EA 1-1/4" Gas Pressure Regulator, Screwed End.....	138.14	12.78
33 51 33 00-0019 EA 1-1/2" Gas Pressure Regulator, Screwed End.....	460.21	14.81
33 51 33 00-0020 EA 2" Gas Pressure Regulator, Screwed End.....	491.10	22.93
33 51 33 00-0021 EA 3" Gas Pressure Regulator, Screwed End.....	1,377.38	51.43
33 51 33 00-0022 EA 4" Gas Pressure Regulator, Screwed End.....	1,913.26	68.15
<b>33 56 Fuel-Storage Tanks</b> (33 50)		
<b>33 56 13 Aboveground Fuel-Storage Tanks</b> (33 56) See CSI section 23 13 23 00-0000 for aboveground storage tanks.		
<b>33 56 16 Underground Fuel-Storage Tanks</b> (33 56) See CSI section 23 13 13 00-0000 for underground storage tanks.		
<b>33 60 Hydronic And Steam Energy Utilities</b> (33)		
<b>33 61 Hydronic Energy Distribution</b> (33 60)		
<b>33 61 13 Underground Hydronic Energy Distribution</b> (33 61)		
<b>33 61 13 00-0001 Preinsulated Pipe</b> (33 61 13) Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 23 01 20 00-0025 for purging of existing system.		
<b>33 61 13 00-0002 Preinsulated Schedule 40 Black Steel Pipe</b> (33 61 13 00-0001) Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
<b>33 61 13 00-0003 Standard Black Steel Carrier Pipe</b> (33 61 13 00-0002) Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0004 LF 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	34.65	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.42	
<i>For Schedule 80 Pipe, Add</i>	4.24	
33 61 13 00-0005 LF 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	37.83	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.47	
<i>For Schedule 80 Pipe, Add</i>	4.66	
33 61 13 00-0006 LF 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	41.67	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.53	
<i>For Schedule 80 Pipe, Add</i>	5.25	
33 61 13 00-0007 LF 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	44.46	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.56	
<i>For Schedule 80 Pipe, Add</i>	5.64	
33 61 13 00-0008 LF 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	46.75	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.59	
<i>For Schedule 80 Pipe, Add</i>	5.89	
33 61 13 00-0009 LF 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.39	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.64	
<i>For Schedule 80 Pipe, Add</i>	6.40	
33 61 13 00-0010 LF 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	60.66	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.69	
<i>For Schedule 80 Pipe, Add</i>	6.92	
33 61 13 00-0011 LF 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	76.77	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.87	
<i>For Schedule 80 Pipe, Add</i>	8.71	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0012	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	96.39	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.11	
			<i>For Schedule 80 Pipe, Add</i>	11.14	
33 61	13 00-0013	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	112.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.29	
			<i>For Schedule 80 Pipe, Add</i>	12.94	
33 61	13 00-0014	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	151.72	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.88	
			<i>For Schedule 80 Pipe, Add</i>	18.83	
33 61	13 00-0015	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	192.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.48	
			<i>For Schedule 80 Pipe, Add</i>	24.85	
33 61	13 00-0016	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	239.30	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.10	
			<i>For Schedule 80 Pipe, Add</i>	30.99	
<b>33 61</b>	<b>13 00-0017</b>		<b>Standard Black Steel Carrier Pipe</b> <small>(33 61 13 00-0002)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0018	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	36.77	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.47	
			<i>For Schedule 80 Pipe, Add</i>	4.66	
33 61	13 00-0019	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	40.16	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.51	
			<i>For Schedule 80 Pipe, Add</i>	5.13	
33 61	13 00-0020	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	44.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.58	
			<i>For Schedule 80 Pipe, Add</i>	5.78	
33 61	13 00-0021	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	47.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62	
			<i>For Schedule 80 Pipe, Add</i>	6.20	
33 61	13 00-0022	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	49.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65	
			<i>For Schedule 80 Pipe, Add</i>	6.48	
33 61	13 00-0023	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70	
			<i>For Schedule 80 Pipe, Add</i>	7.04	
33 61	13 00-0024	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.12	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.76	
			<i>For Schedule 80 Pipe, Add</i>	7.61	
33 61	13 00-0025	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	81.12	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.96	
			<i>For Schedule 80 Pipe, Add</i>	9.58	
33 61	13 00-0026	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	101.96	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.23	
			<i>For Schedule 80 Pipe, Add</i>	12.26	
33 61	13 00-0027	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	118.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.42	
			<i>For Schedule 80 Pipe, Add</i>	14.23	
33 61	13 00-0028	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	161.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.07	
			<i>For Schedule 80 Pipe, Add</i>	20.71	
33 61	13 00-0029	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	205.18	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.73	
			<i>For Schedule 80 Pipe, Add</i>	27.33	
33 61	13 00-0030	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	254.80	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.41	
			<i>For Schedule 80 Pipe, Add</i>	34.09	
<b>33 61</b>	<b>13 00-0031</b>		<b>Standard Black Steel Carrier Pipe</b> <small>(33 61 13 00-0002)</small> Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0032	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	37.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.49	
			<i>For Schedule 80 Pipe, Add</i>	4.88	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0033 LF 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 41.33 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.54 <i>For Schedule 80 Pipe, Add</i> 5.36	41.33	
33 61 13 00-0034 LF 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 45.60 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.60 <i>For Schedule 80 Pipe, Add</i> 6.04	45.60	
33 61 13 00-0035 LF 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 48.68 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.65 <i>For Schedule 80 Pipe, Add</i> 6.48	48.68	
33 61 13 00-0036 LF 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 51.17 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.68 <i>For Schedule 80 Pipe, Add</i> 6.78	51.17	
33 61 13 00-0037 LF 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 58.19 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.74 <i>For Schedule 80 Pipe, Add</i> 7.36	58.19	
33 61 13 00-0038 LF 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 65.85 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.80 <i>For Schedule 80 Pipe, Add</i> 7.95	65.85	
33 61 13 00-0039 LF 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 83.30 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.00 <i>For Schedule 80 Pipe, Add</i> 10.02	83.30	
33 61 13 00-0040 LF 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 104.75 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.28 <i>For Schedule 80 Pipe, Add</i> 12.81	104.75	
33 61 13 00-0041 LF 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 122.04 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.49 <i>For Schedule 80 Pipe, Add</i> 14.88	122.04	
33 61 13 00-0042 LF 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 165.84 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.17 <i>For Schedule 80 Pipe, Add</i> 21.65	165.84	
33 61 13 00-0043 LF 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 211.39 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.96 <i>For Schedule 80 Pipe, Add</i> 28.57	211.39	
33 61 13 00-0044 LF 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 262.55 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.56 <i>For Schedule 80 Pipe, Add</i> 35.64	262.55	
<b>33 61 13 00-0045 Standard Black Steel Carrier Pipe</b> <small>(33 61 13 00-0002)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0046 LF 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 39.42 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.52 <i>For Schedule 80 Pipe, Add</i> 5.19	39.42	
33 61 13 00-0047 LF 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 43.07 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.57 <i>For Schedule 80 Pipe, Add</i> 5.71	43.07	
33 61 13 00-0048 LF 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 47.57 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.64 <i>For Schedule 80 Pipe, Add</i> 6.43	47.57	
33 61 13 00-0049 LF 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 50.80 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.69 <i>For Schedule 80 Pipe, Add</i> 6.90	50.80	
33 61 13 00-0050 LF 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 53.38 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.72 <i>For Schedule 80 Pipe, Add</i> 7.22	53.38	
33 61 13 00-0051 LF 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 60.59 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.78 <i>For Schedule 80 Pipe, Add</i> 7.84	60.59	
33 61 13 00-0052 LF 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 68.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.85 <i>For Schedule 80 Pipe, Add</i> 8.47	68.44	
33 61 13 00-0053 LF 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... 86.56 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.07 <i>For Schedule 80 Pipe, Add</i> 10.67	86.56	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0054	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	108.93	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.37	
			<i>For Schedule 80 Pipe, Add</i>	13.65	
33 61	13 00-0055	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	126.89	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.58	
			<i>For Schedule 80 Pipe, Add</i>	15.85	
33 61	13 00-0056	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	172.90	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.31	
			<i>For Schedule 80 Pipe, Add</i>	23.06	
33 61	13 00-0057	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	220.71	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.04	
			<i>For Schedule 80 Pipe, Add</i>	30.44	
33 61	13 00-0058	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	274.17	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.80	
			<i>For Schedule 80 Pipe, Add</i>	37.97	
33 61	13 00-0059		<b>Preinsulated Black Steel Fittings</b> (33 61 13 00-0001) Note: No excavation or backfill.		
33 61	13 00-0060		<b>Elbows</b> (33 61 13 00-0059)		
33 61	13 00-0061		<b>Elbows</b> (33 61 13 00-0060) Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0062	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	283.26	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.35	
33 61	13 00-0063	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	293.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.46	
33 61	13 00-0064	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	337.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.07	
33 61	13 00-0065	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	378.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.53	
33 61	13 00-0066	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	441.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.76	
33 61	13 00-0067	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	523.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.99	
33 61	13 00-0068	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	607.85	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	
33 61	13 00-0069	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	709.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.07	
33 61	13 00-0070	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	846.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.37	
33 61	13 00-0071	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	932.89	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.78	
33 61	13 00-0072	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,310.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.03	
33 61	13 00-0073	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,746.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.77	
33 61	13 00-0074	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,230.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.82	
33 61	13 00-0075		<b>Elbows</b> (33 61 13 00-0060) Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0076	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	299.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.68	
33 61	13 00-0077	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	310.17	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.79	
33 61	13 00-0078	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	356.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.45	
33 61	13 00-0079	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	399.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.95	



	<b>Utilities</b>	<b>33</b>
	<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>
	<b>Hydronic Energy Distribution</b>	<b>33 61</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0080	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	462.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.20	
33 61	13 00-0081	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	545.84	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.44	
33 61	13 00-0082	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	633.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.43	
33 61	13 00-0083	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	739.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.67	
33 61	13 00-0084	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	885.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.15	
33 61	13 00-0085	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	977.08	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.67	
33 61	13 00-0086	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,374.48	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.31	
33 61	13 00-0087	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,827.68	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.41	
33 61	13 00-0088	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,338.16	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.98	
<b>33 61</b>	<b>13 00-0089</b>		<b>Elbows</b> <small>(33 61 13 00-0060)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0090	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	315.92	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.01	
33 61	13 00-0091	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	326.88	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.13	
33 61	13 00-0092	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	375.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.83	
33 61	13 00-0093	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	420.11	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.36	
33 61	13 00-0094	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	484.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.63	
33 61	13 00-0095	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	568.31	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.89	
33 61	13 00-0096	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	659.72	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.95	
33 61	13 00-0097	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	769.88	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.28	
33 61	13 00-0098	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	923.95	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.93	
33 61	13 00-0099	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,021.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.55	
33 61	13 00-0100	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,438.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.59	
33 61	13 00-0101	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,909.33	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.04	
33 61	13 00-0102	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,446.22	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.14	
<b>33 61</b>	<b>13 00-0103</b>		<b>Elbows</b> <small>(33 61 13 00-0060)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0104	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	332.25	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.33	
33 61	13 00-0105	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	343.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.46	
33 61	13 00-0106	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	394.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.21	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0107	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	440.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.78	
33 61	13 00-0108	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	505.98	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.06	
33 61	13 00-0109	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	590.79	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.34	
33 61	13 00-0110	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	685.65	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.47	
33 61	13 00-0111	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	800.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.88	
33 61	13 00-0112	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	962.85	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.71	
33 61	13 00-0113	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,065.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.43	
33 61	13 00-0114	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,502.23	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.87	
33 61	13 00-0115	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,990.98	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.67	
33 61	13 00-0116	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,554.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.30	
<b>33 61</b>	<b>13 00-0117</b>		<b>Tees</b> <small>(33 61 13 00-0059)</small>		
<b>33 61</b>	<b>13 00-0118</b>		<b>Tees</b> <small>(33 61 13 00-0117)</small>		
			Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0119	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	421.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.47	
33 61	13 00-0120	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	436.74	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.62	
33 61	13 00-0121	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	501.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.53	
33 61	13 00-0122	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	563.65	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.22	
33 61	13 00-0123	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	657.10	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.56	
33 61	13 00-0124	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	780.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.90	
33 61	13 00-0125	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	906.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.27	
33 61	13 00-0126	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,058.00	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.98	
33 61	13 00-0127	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,263.16	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.41	
33 61	13 00-0128	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,390.98	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.50	
33 61	13 00-0129	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,952.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.30	
33 61	13 00-0130	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,603.88	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.33	
33 61	13 00-0131	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,323.53	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.79	
<b>33 61</b>	<b>13 00-0132</b>		<b>Tees</b> <small>(33 61 13 00-0117)</small>		
			Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0133	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	445.84	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.95	
33 61	13 00-0134	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	461.56	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.12	





<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>	
<b>Hydronic Energy Distribution</b>	<b>33 61</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0135	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	529.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.10	
33 61	13 00-0136	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	594.46	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.83	
33 61	13 00-0137	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	689.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.20	
33 61	13 00-0138	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	813.52	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.57	
33 61	13 00-0139	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	945.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.04	
33 61	13 00-0140	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,102.93	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.88	
33 61	13 00-0141	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,320.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.56	
33 61	13 00-0142	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,456.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.81	
33 61	13 00-0143	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,047.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.19	
33 61	13 00-0144	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,725.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.76	
33 61	13 00-0145	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,484.00	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	46.00	
<b>33 61 13 00-0146 Tees</b> <small>(33 61 13 00-0117)</small>					
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13 00-0147	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	470.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61	13 00-0148	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	486.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.61	
33 61	13 00-0149	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	558.11	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.66	
33 61	13 00-0150	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	625.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45	
33 61	13 00-0151	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	721.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.84	
33 61	13 00-0152	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	846.90	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.24	
33 61	13 00-0153	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	983.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.81	
33 61	13 00-0154	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,147.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.78	
33 61	13 00-0155	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,378.71	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.72	
33 61	13 00-0156	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,522.21	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.12	
33 61	13 00-0157	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,141.99	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.09	
33 61	13 00-0158	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,846.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.18	
33 61	13 00-0159	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,644.48	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.21	
<b>33 61 13 00-0160 Tees</b> <small>(33 61 13 00-0117)</small>					
Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13 00-0161	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	494.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.92	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0162 EA 1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	511.20	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.11	
33 61 13 00-0163 EA 1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	586.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.23	
33 61 13 00-0164 EA 1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	656.08	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.07	
33 61 13 00-0165 EA 2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	753.38	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.48	
33 61 13 00-0166 EA 2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	880.28	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.90	
33 61 13 00-0167 EA 3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,022.12	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.58	
33 61 13 00-0168 EA 4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,192.80	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.68	
33 61 13 00-0169 EA 5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,436.48	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.87	
33 61 13 00-0170 EA 6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,587.83	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.43	
33 61 13 00-0171 EA 8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,236.85	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.99	
33 61 13 00-0172 EA 10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,967.63	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.61	
33 61 13 00-0173 EA 12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,804.96	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.42	
<b>33 61 13 00-0174 Reducers</b> <small>(33 61 13 00-0059)</small>		
<b>33 61 13 00-0175 Reducers</b> <small>(33 61 13 00-0174)</small>		
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0176 EA 3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	239.72	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.61	
33 61 13 00-0177 EA 1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	248.49	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.70	
33 61 13 00-0178 EA 1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	285.58	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.21	
33 61 13 00-0179 EA 1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	321.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.59	
33 61 13 00-0180 EA 2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	376.78	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.78	
33 61 13 00-0181 EA 2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	455.07	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.98	
33 61 13 00-0182 EA 3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	524.97	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.74	
33 61 13 00-0183 EA 4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	610.06	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.70	
33 61 13 00-0184 EA 5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	725.32	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.61	
33 61 13 00-0185 EA 6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	798.48	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.78	
33 61 13 00-0186 EA 8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,120.02	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.14	
33 61 13 00-0187 EA 10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,495.51	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.07	
33 61 13 00-0188 EA 12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,905.02	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.92	
<b>33 61 13 00-0189 Reducers</b> <small>(33 61 13 00-0174)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>	
<b>Hydronic Energy Distribution</b>	<b>33 61</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0190	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	253.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.89	
33 61	13 00-0191	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	262.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.98	
33 61	13 00-0192	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	301.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.53	
33 61	13 00-0193	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	338.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.94	
33 61	13 00-0194	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	394.72	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.14	
33 61	13 00-0195	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	473.73	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.35	
33 61	13 00-0196	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	546.50	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.17	
33 61	13 00-0197	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	635.17	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.20	
33 61	13 00-0198	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	757.61	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.26	
33 61	13 00-0199	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	835.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.51	
33 61	13 00-0200	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,173.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.20	
33 61	13 00-0201	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,563.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.43	
33 61	13 00-0202	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,994.72	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.71	
<b>33 61</b>	<b>13 00-0203</b>		<b>Reducers</b> <small>(33 61 13 00-0174)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0204	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	266.82	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.16	
33 61	13 00-0205	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	276.23	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.25	
33 61	13 00-0206	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	317.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.84	
33 61	13 00-0207	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	355.79	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.28	
33 61	13 00-0208	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	412.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.50	
33 61	13 00-0209	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	492.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.72	
33 61	13 00-0210	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	568.02	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.60	
33 61	13 00-0211	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	660.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.70	
33 61	13 00-0212	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	789.90	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.90	
33 61	13 00-0213	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	871.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.25	
33 61	13 00-0214	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,226.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.26	
33 61	13 00-0215	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,631.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.78	
33 61	13 00-0216	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,084.41	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.51	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0217		<b>Reducers</b> <small>(33 61 13 00-0174)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0218	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	280.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.43	
33 61	13 00-0219	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	290.11	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.53	
33 61	13 00-0220	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	332.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.16	
33 61	13 00-0221	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	373.01	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.63	
33 61	13 00-0222	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	430.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.86	
33 61	13 00-0223	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	511.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.09	
33 61	13 00-0224	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	589.55	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.03	
33 61	13 00-0225	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	685.40	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.20	
33 61	13 00-0226	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	822.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.55	
33 61	13 00-0227	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	908.50	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.98	
33 61	13 00-0228	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,279.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.32	
33 61	13 00-0229	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,698.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.14	
33 61	13 00-0230	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,174.11	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.30	
33 61	13 00-0231		<b>Preinsulated Type K Copper Pipe</b> <small>(33 61 13 00-0001)</small>		
			Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61	13 00-0232		<b>Type K Copper Carrier Pipe</b> <small>(33 61 13 00-0231)</small>		
			Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0233	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	36.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.46	
33 61	13 00-0234	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	39.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.51	
33 61	13 00-0235	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	44.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.57	
33 61	13 00-0236	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	47.01	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.61	
33 61	13 00-0237	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	49.40	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.64	
33 61	13 00-0238	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.31	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.69	
33 61	13 00-0239	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	63.84	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.75	
33 61	13 00-0240	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	80.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.94	
33 61	13 00-0241	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	101.48	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.21	
33 61	13 00-0242	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	118.26	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.40	
33 61	13 00-0243	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	160.22	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.04	
33 61	13 00-0244	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	203.92	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.70	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>	
<b>Hydronic Energy Distribution</b>	<b>33 61</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0245	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	253.22 3.36	
<b>33 61 13 00-0246 Type K Copper Carrier Pipe</b> <small>(33 61 13 00-0231)</small>					
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13 00-0247	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	38.87 0.51	
33 61	13 00-0248	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.47 0.56	
33 61	13 00-0249	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	46.89 0.63	
33 61	13 00-0250	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.07 0.67	
33 61	13 00-0251	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.59 0.70	
33 61	13 00-0252	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	59.78 0.76	
33 61	13 00-0253	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	67.59 0.83	
33 61	13 00-0254	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	85.48 1.04	
33 61	13 00-0255	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	107.53 1.33	
33 61	13 00-0256	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	125.28 1.54	
33 61	13 00-0257	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	170.43 2.25	
33 61	13 00-0258	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	217.40 2.97	
33 61	13 00-0259	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	270.03 3.70	
<b>33 61 13 00-0260 Type K Copper Carrier Pipe</b> <small>(33 61 13 00-0231)</small>					
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.					
33 61	13 00-0261	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.02 0.53	
33 61	13 00-0262	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	43.73 0.58	
33 61	13 00-0263	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	48.32 0.66	
33 61	13 00-0264	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.59 0.70	
33 61	13 00-0265	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	54.19 0.74	
33 61	13 00-0266	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	61.52 0.80	
33 61	13 00-0267	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	69.46 0.86	
33 61	13 00-0268	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	87.84 1.09	
33 61	13 00-0269	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	110.55 1.39	
33 61	13 00-0270	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	128.78 1.61	
33 61	13 00-0271	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket ..... <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	175.54 2.35	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0272	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	224.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.10	
33 61	13 00-0273	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	278.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.87	
<b>33 61</b>	<b>13 00-0274</b>		<b>Type K Copper Carrier Pipe</b> <small>(33 61 13 00-0231)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0275	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	41.74	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.56	
33 61	13 00-0276	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	45.63	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62	
33 61	13 00-0277	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70	
33 61	13 00-0278	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.89	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.75	
33 61	13 00-0279	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.78	
33 61	13 00-0280	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.12	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.85	
33 61	13 00-0281	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	72.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.92	
33 61	13 00-0282	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	91.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.16	
33 61	13 00-0283	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	115.08	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.48	
33 61	13 00-0284	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	134.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.72	
33 61	13 00-0285	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	183.20	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.50	
33 61	13 00-0286	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	234.25	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.30	
33 61	13 00-0287	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	291.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.12	
<b>33 61</b>	<b>13 00-0288</b>		<b>Preinsulated Copper Fittings</b> <small>(33 61 13 00-0001)</small>		
<b>33 61</b>	<b>13 00-0289</b>		<b>Elbows</b> <small>(33 61 13 00-0288)</small>		
<b>33 61</b>	<b>13 00-0290</b>		<b>Elbows</b> <small>(33 61 13 00-0289)</small>		
			Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0291	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	319.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.24	
33 61	13 00-0292	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	329.67	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.37	
33 61	13 00-0293	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	377.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.11	
33 61	13 00-0294	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	421.70	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.66	
33 61	13 00-0295	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	479.92	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.94	
33 61	13 00-0296	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	555.26	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.22	
33 61	13 00-0297	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	644.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.33	
33 61	13 00-0298	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	751.68	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.71	
33 61	13 00-0299	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	909.14	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0300 EA 6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,008.15	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.18	
33 61 13 00-0301 EA 8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,424.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.51	
33 61 13 00-0302 EA 10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,882.12	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.21	
33 61 13 00-0303 EA 12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,420.83	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.69	
<b>33 61 13 00-0304 Elbows</b> <small>(33 61 13 00-0289)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0305 EA 3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	338.75	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.64	
33 61 13 00-0306 EA 1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	349.79	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.77	
33 61 13 00-0307 EA 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	400.73	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.56	
33 61 13 00-0308 EA 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	446.68	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.16	
33 61 13 00-0309 EA 2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	505.94	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.46	
33 61 13 00-0310 EA 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	582.31	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.76	
33 61 13 00-0311 EA 3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	675.36	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.95	
33 61 13 00-0312 EA 4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	788.11	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.44	
33 61 13 00-0313 EA 5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	955.97	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.43	
33 61 13 00-0314 EA 6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,061.34	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.25	
33 61 13 00-0315 EA 8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,501.25	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.04	
33 61 13 00-0316 EA 10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,980.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.18	
33 61 13 00-0317 EA 12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,550.93	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.29	
<b>33 61 13 00-0318 Elbows</b> <small>(33 61 13 00-0289)</small>		
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0319 EA 3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	358.41	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.03	
33 61 13 00-0320 EA 1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	369.91	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.17	
33 61 13 00-0321 EA 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	423.62	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.02	
33 61 13 00-0322 EA 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	471.66	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.66	
33 61 13 00-0323 EA 2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	531.96	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.98	
33 61 13 00-0324 EA 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	609.37	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.30	
33 61 13 00-0325 EA 3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	706.58	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.57	
33 61 13 00-0326 EA 4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	824.53	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.17	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0327	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,002.80	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.36	
33 61	13 00-0328	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,114.67	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.31	
33 61	13 00-0329	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,578.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.58	
33 61	13 00-0330	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,078.48	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.14	
33 61	13 00-0331	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,681.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.89	
<b>33 61</b>	<b>13 00-0332</b>		<b>Elbows</b> <small>(33 61 13 00-0289)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0333	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	378.06	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.42	
33 61	13 00-0334	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	390.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.57	
33 61	13 00-0335	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	446.52	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.48	
33 61	13 00-0336	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	496.63	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.16	
33 61	13 00-0337	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	557.97	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.50	
33 61	13 00-0338	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	636.43	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.84	
33 61	13 00-0339	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	737.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.20	
33 61	13 00-0340	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	860.96	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.90	
33 61	13 00-0341	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,049.63	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.30	
33 61	13 00-0342	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,167.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.38	
33 61	13 00-0343	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,654.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.12	
33 61	13 00-0344	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,176.77	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.11	
33 61	13 00-0345	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,811.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.50	
<b>33 61</b>	<b>13 00-0346</b>		<b>Tees</b> <small>(33 61 13 00-0288)</small>		
<b>33 61</b>	<b>13 00-0347</b>		<b>Tees</b> <small>(33 61 13 00-0346)</small>		
			Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0348	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	474.67	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.78	
33 61	13 00-0349	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	490.39	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.97	
33 61	13 00-0350	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	562.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.07	
33 61	13 00-0351	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	627.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.89	
33 61	13 00-0352	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	714.42	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.30	
33 61	13 00-0353	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	827.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.72	
33 61	13 00-0354	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	959.98	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.36	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0355 EA 4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,120.26	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.42	
33 61 13 00-0356 EA 5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,355.88	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.55	
33 61 13 00-0357 EA 6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,501.94	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.06	
33 61 13 00-0358 EA 8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,120.30	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.45	
33 61 13 00-0359 EA 10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,804.50	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	38.92	
33 61 13 00-0360 EA 12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	3,605.24	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.52	
<b>33 61 13 00-0361 Tees</b> <small>(33 61 13 00-0346)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0362 EA 3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	503.86	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.37	
33 61 13 00-0363 EA 1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	520.27	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.57	
33 61 13 00-0364 EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	596.07	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.75	
33 61 13 00-0365 EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	664.54	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.63	
33 61 13 00-0366 EA 2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	753.06	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.08	
33 61 13 00-0367 EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	867.33	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.52	
33 61 13 00-0368 EA 3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,006.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.29	
33 61 13 00-0369 EA 4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,174.36	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.51	
33 61 13 00-0370 EA 5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,425.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.94	
33 61 13 00-0371 EA 6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,580.93	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.64	
33 61 13 00-0372 EA 8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,234.50	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.74	
33 61 13 00-0373 EA 10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,950.46	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.84	
33 61 13 00-0374 EA 12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,798.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	55.38	
<b>33 61 13 00-0375 Tees</b> <small>(33 61 13 00-0346)</small>		
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0376 EA 3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	533.06	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.95	
33 61 13 00-0377 EA 1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	550.15	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.16	
33 61 13 00-0378 EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	630.07	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.43	
33 61 13 00-0379 EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	701.64	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.37	
33 61 13 00-0380 EA 2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	791.69	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.85	
33 61 13 00-0381 EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	907.51	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.32	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0382	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,052.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.22	
33 61 13 00-0383	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,228.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.59	
33 61 13 00-0384	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,494.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.33	
33 61 13 00-0385	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,660.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.22	
33 61 13 00-0386	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,348.11	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.02	
33 61 13 00-0387	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,095.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	44.76	
33 61 13 00-0388	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,993.12	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	59.24	
<b>33 61 13 00-0389</b>		<b>Tees</b> <small>(33 61 13 00-0346)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0390	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	562.25	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.54	
33 61 13 00-0391	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	580.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.76	
33 61 13 00-0392	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	664.07	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.11	
33 61 13 00-0393	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	738.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.12	
33 61 13 00-0394	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	830.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.62	
33 61 13 00-0395	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	947.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.13	
33 61 13 00-0396	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,099.07	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.15	
33 61 13 00-0397	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,282.54	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.67	
33 61 13 00-0398	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,564.52	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.72	
33 61 13 00-0399	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,739.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.80	
33 61 13 00-0400	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,462.31	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.30	
33 61 13 00-0401	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,241.06	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.68	
33 61 13 00-0402	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,186.30	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	63.11	
<b>33 61 13 00-0403</b>		<b>Reducers</b> <small>(33 61 13 00-0288)</small>		
<b>33 61 13 00-0404</b>		<b>Reducers</b> <small>(33 61 13 00-0403)</small>		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0405	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	268.85	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.35	
33 61 13 00-0406	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	277.90	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.45	
33 61 13 00-0407	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	318.68	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.07	
33 61 13 00-0408	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	356.19	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.53	
33 61 13 00-0409	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	407.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.76	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0410 EA 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	478.86	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.99	
33 61 13 00-0411 EA 3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	552.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.91	
33 61 13 00-0412 EA 4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	642.40	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.06	
33 61 13 00-0413 EA 5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	774.62	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.37	
33 61 13 00-0414 EA 6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	857.79	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.77	
33 61 13 00-0415 EA 8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,210.19	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.02	
33 61 13 00-0416 EA 10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,602.47	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.76	
33 61 13 00-0417 EA 12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,056.29	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.79	
<b>33 61 13 00-0418 Reducers</b> <small>(33 61 13 00-0403)</small>		
<i>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</i>		
33 61 13 00-0419 EA 3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	285.17	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.68	
33 61 13 00-0420 EA 1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	294.60	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.79	
33 61 13 00-0421 EA 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	337.69	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.45	
33 61 13 00-0422 EA 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	376.92	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.94	
33 61 13 00-0423 EA 2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	429.18	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.19	
33 61 13 00-0424 EA 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	501.32	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.44	
33 61 13 00-0425 EA 3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	578.34	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.43	
33 61 13 00-0426 EA 4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	672.63	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.67	
33 61 13 00-0427 EA 5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	813.49	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.14	
33 61 13 00-0428 EA 6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	901.94	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.66	
33 61 13 00-0429 EA 8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,274.01	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.30	
33 61 13 00-0430 EA 10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	1,684.05	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.39	
33 61 13 00-0431 EA 12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	2,164.27	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.95	
<b>33 61 13 00-0432 Reducers</b> <small>(33 61 13 00-0403)</small>		
<i>Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</i>		
33 61 13 00-0433 EA 3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	301.48	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.00	
33 61 13 00-0434 EA 1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	311.30	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.12	
33 61 13 00-0435 EA 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	356.69	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.83	
33 61 13 00-0436 EA 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....	397.65	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.36	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0437	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	450.77	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.62	
33 61	13 00-0438	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	523.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.89	
33 61	13 00-0439	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	604.25	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.95	
33 61	13 00-0440	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	702.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.27	
33 61	13 00-0441	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	852.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.92	
33 61	13 00-0442	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	946.20	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.54	
33 61	13 00-0443	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,337.64	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.57	
33 61	13 00-0444	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,765.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.02	
33 61	13 00-0445	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,272.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.11	
<b>33 61</b>	<b>13 00-0446</b>		<b>Reducers</b> <small>(33 61 13 00-0403)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0447	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	317.80	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.33	
33 61	13 00-0448	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	328.00	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.46	
33 61	13 00-0449	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	375.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.21	
33 61	13 00-0450	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	418.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.77	
33 61	13 00-0451	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	472.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.05	
33 61	13 00-0452	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	546.24	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.34	
33 61	13 00-0453	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	630.16	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.47	
33 61	13 00-0454	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	733.10	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.88	
33 61	13 00-0455	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	891.24	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.70	
33 61	13 00-0456	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	990.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.42	
33 61	13 00-0457	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,401.46	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.85	
33 61	13 00-0458	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,847.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.65	
33 61	13 00-0459	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,380.35	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.27	
<b>33 61</b>	<b>13 00-0460</b>		<b>Preinsulated Ductile Iron Carrier Pipe</b> <small>(33 61 13 00-0001)</small>		
			Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
<b>33 61</b>	<b>13 00-0461</b>		<b>Ductile Iron Carrier Pipe</b> <small>(33 61 13 00-0460)</small>		
			Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0462	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	83.76	
33 61	13 00-0463	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	122.45	
33 61	13 00-0464	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	164.57	
33 61	13 00-0465	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	208.52	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>	
<b>Hydronic Energy Distribution</b>	<b>33 61</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0466 LF 12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	258.78	
<b>33 61 13 00-0467 Ductile Iron Carrier Pipe</b> <small>(33 61 13 00-0460)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0468 LF 4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	88.90	
33 61 13 00-0469 LF 6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	130.09	
33 61 13 00-0470 LF 8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	175.68	
33 61 13 00-0471 LF 10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	223.18	
33 61 13 00-0472 LF 12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	277.06	
33 61 13 00-0473 LF 14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	302.90	
33 61 13 00-0474 LF 16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	340.74	
33 61 13 00-0475 LF 18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	382.85	
33 61 13 00-0476 LF 20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	420.91	
33 61 13 00-0477 LF 24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	497.20	
<b>33 61 13 00-0478 Preinsulated Ductile Iron Fittings</b> <small>(33 61 13 00-0001)</small>		
<b>33 61 13 00-0479 Elbows</b> <small>(33 61 13 00-0478)</small>		
<b>33 61 13 00-0480 Elbows</b> <small>(33 61 13 00-0479)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0481 EA 4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	760.83	
33 61 13 00-0482 EA 6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,008.06	
33 61 13 00-0483 EA 8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,419.26	
33 61 13 00-0484 EA 10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,884.92	
33 61 13 00-0485 EA 12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,413.92	
<b>33 61 13 00-0486 Elbows</b> <small>(33 61 13 00-0479)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0487 EA 4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	824.31	
33 61 13 00-0488 EA 6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,100.75	
33 61 13 00-0489 EA 8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,553.27	
33 61 13 00-0490 EA 10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,056.21	
33 61 13 00-0491 EA 12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,640.62	
33 61 13 00-0492 EA 14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,210.76	
33 61 13 00-0493 EA 16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,793.03	
33 61 13 00-0494 EA 18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,733.50	
33 61 13 00-0495 EA 20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,006.78	
33 61 13 00-0496 EA 24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,790.30	
<b>33 61 13 00-0497 Tees</b> <small>(33 61 13 00-0478)</small>		
<b>33 61 13 00-0498 Tees</b> <small>(33 61 13 00-0497)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0499 EA 4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,134.43	
33 61 13 00-0500 EA 6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,502.60	
33 61 13 00-0501 EA 8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,113.63	
33 61 13 00-0502 EA 10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,810.14	
33 61 13 00-0503 EA 12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,596.51	

**33 Utilities****33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 61 13 00-0504		<b>Tees</b> <small>(33 61 13 00-0497)</small>			
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0505	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,228.70		
33 61 13 00-0506	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,640.25		
33 61 13 00-0507	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,312.63		
33 61 13 00-0508	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,064.50		
33 61 13 00-0509	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,933.16		
33 61 13 00-0510	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,690.34		
33 61 13 00-0511	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,542.68		
33 61 13 00-0512	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,917.95		
33 61 13 00-0513	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,783.43		
33 61 13 00-0514	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	11,388.98		
33 61 13 00-0515		<b>Reducers</b> <small>(33 61 13 00-0478)</small>			
33 61 13 00-0516		<b>Reducers</b> <small>(33 61 13 00-0515)</small>			
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0517	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	652.78		
33 61 13 00-0518	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	860.86		
33 61 13 00-0519	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,210.21		
33 61 13 00-0520	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,610.79		
33 61 13 00-0521	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,057.60		
33 61 13 00-0522		<b>Reducers</b> <small>(33 61 13 00-0515)</small>			
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0523	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	705.46		
33 61 13 00-0524	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	937.80		
33 61 13 00-0525	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,321.43		
33 61 13 00-0526	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,752.95		
33 61 13 00-0527	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,245.76		
33 61 13 00-0528	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,675.03		
33 61 13 00-0529	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,156.98		
33 61 13 00-0530	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,914.91		
33 61 13 00-0531	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,002.91		
33 61 13 00-0532	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,504.04		
33 61 13 00-0533		<b>Tempered Water Piping Pre-Insulated</b> <small>(33 61 13 00-0001)</small>			
33 61 13 00-0534		<b>Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation</b> <small>(33 61 13 00-0533)</small>			
33 61 13 00-0535	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	41.34	12.46	
33 61 13 00-0536	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	52.93	15.34	
33 61 13 00-0537	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	69.87	16.26	
33 61 13 00-0538	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	93.57	20.32	
33 61 13 00-0539	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	119.21	25.07	
33 61 13 00-0540		<b>Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation</b> <small>(33 61 13 00-0533)</small>			
33 61 13 00-0541	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	29.58	15.34	
33 61 13 00-0542	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	31.72	15.34	



<b>Utilities</b>	<b>33</b>	<b>33</b>
<b>Hydronic And Steam Energy Utilities</b>	<b>33 60</b>	
<b>Hydronic Energy Distribution</b>	<b>33 61</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0543 LF 8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation .....	33.72	15.34
33 61 13 00-0544 LF 10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation .....	40.53	18.13
33 61 13 00-0545 LF 12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation .....	49.51	23.01
<b>33 61 13 00-0546 Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation <sup>(33 61)</sup></b>		
13 00-0533		
33 61 13 00-0547 LF 4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation .....	29.58	15.34
33 61 13 00-0548 LF 6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation .....	31.72	15.34
33 61 13 00-0549 LF 8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation .....	33.72	15.34
33 61 13 00-0550 LF 10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation .....	40.53	18.13
33 61 13 00-0551 LF 12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation .....	49.51	23.01

### 33 70 Electrical Utilities <sup>(33)</sup>

#### 33 71 Electrical Utility Transmission And Distribution <sup>(33 70)</sup>

##### 33 71 19 Electrical Underground Ducts And Manholes <sup>(33 71)</sup>

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

##### 33 71 19 00-0001 Electrical Handholes And Pull Boxes <sup>(33 71 19)</sup>

##### 33 71 19 00-0002 Electrical Pull Boxes <sup>(33 71 19 00-0001)</sup>

See CSI section 33 05 16 13-0427 for handholes.

33 71 19 00-0003 EA 24" x 36" x 24", Electric Pull Boxes, Precast Concrete .....	990.12	
33 71 19 00-0004 EA 24" x 36" x 36", Electric Pull Boxes, Precast Concrete .....	1,190.89	
33 71 19 00-0005 EA 30" x 48" x 36", Electric Pull Boxes, Precast Concrete .....	1,383.09	
33 71 19 00-0006 EA 36" x 72" x 24", Electric Pull Boxes, Precast Concrete .....	2,174.68	
33 71 19 00-0007 EA 36" x 60" x 36", Electric Pull Boxes, Precast Concrete .....	2,325.10	
33 71 19 00-0008 EA 48" x 48" x 36", Electric Pull Boxes, Precast Concrete .....	2,503.43	
33 71 19 00-0009 EA 48" x 60" x 48", Electric Pull Boxes, Precast Concrete .....	2,882.13	

##### 33 71 19 00-0010 Electrical Property Line Boxes <sup>(33 71 19)</sup>

33 71 19 00-0011 EA 3'-6" x 2'-9" x 2' Deep Property Line Box .....	2,029.33	188.54
33 71 19 00-0012 EA 4'-6" x 3'-6" x 4' Deep Property Line Box .....	2,380.73	195.52
33 71 19 00-0013 EA 6' x 4' x 5' Deep Property Line Box .....	2,615.80	237.43
33 71 19 00-0014 EA 11'-6" x 4'-6" x 6' Deep Property Line Box .....	4,002.82	349.15

##### 33 71 19 00-0015 Underground Electrical Concrete Markers <sup>(33 71 19)</sup>

33 71 19 00-0016 EA 36" x 6" x 6", Underground Electric Concrete Marker .....	207.23	
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##### 33 71 19 00-0017 Manhole Accessories <sup>(33 71 19)</sup>

33 71 19 00-0018 EA 6" Precast Grade Ring Riser Casting.....	292.88	
33 71 19 00-0019 EA 12" Precast Grade Ring Riser Casting.....	317.17	
33 71 19 00-0020 EA 36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D.....	1,149.18	
33 71 19 00-0021 EA 42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1 .....	1,497.84	
33 71 19 00-0022 EA Cast Iron Adjusting Ring NEENAH #R-1979.....	493.11	
33 71 19 00-0023 EA Cast Iron Frame And Cover NEENAH #R-1640-B.....	623.83	

**END OF SECTION 33**

<b>33</b>	<b>33</b>	<b>Utilities</b>
	<b>33 70</b>	<b>Electrical Utilities</b>
	<b>33 71</b>	<b>Electrical Utility Transmission And Distribution</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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<b>Transportation</b>	<b>34</b>	<b>34</b>
<b>Transportation Signaling and Control Equipment</b>	<b>34 40</b>	
<b>Roadway Signaling and Control Equipment</b>	<b>34 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 34 Transportation

### 34 40 Transportation Signaling and Control Equipment <sup>(34)</sup>

#### 34 41 Roadway Signaling and Control Equipment <sup>(34 40)</sup>

##### 34 41 13 Traffic Signals <sup>(34 41)</sup>

##### 34 41 13 00-0001 School Zone Flasher Beacons <sup>(34 41 13)</sup>

34 41 13 00-0002	EA	One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	3,037.46	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.				
34 41 13 00-0003	EA	One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	3,059.03	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.				
34 41 13 00-0004	EA	Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	3,425.28	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.				
34 41 13 00-0005	EA	Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	3,494.31	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.				
34 41 13 00-0006	EA	10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	6,409.79	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.				
34 41 13 00-0007	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly.....	6,680.32	115.58
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.				

### 34 70 Transportation Construction And Equipment <sup>(34)</sup>

#### 34 71 Roadway Construction <sup>(34 70)</sup>

##### 34 71 13 Vehicle Barriers <sup>(34 71)</sup>

##### 34 71 13 13 Vehicle Median Barriers <sup>(34 71 13)</sup>

##### 34 71 13 13-0001 Concrete Median Barrier <sup>(34 71 13 13)</sup>

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face.....	39.71	1.87
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face .....	42.36	1.87
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face .....	45.82	1.87
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms.....	24.87	2.67
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete.....	21.95	1.58

##### 34 71 13 13-0007 Glare Screen <sup>(34 71 13 13)</sup>

Note: Includes fasteners to mount on median barrier.				
34 71 13 13-0008	LF	Glare Screen.....	35.27	3.01

##### 34 71 13 26 Vehicle Guide Rails <sup>(34 71 13)</sup>

##### 34 71 13 26-0001 Corrugated Beam Guide Rail <sup>(34 71 13 26)</sup>

##### 34 71 13 26-0002 Corrugated Beam Guide Railing <sup>(34 71 13 26-0001)</sup>

##### 34 71 13 26-0003 Corrugated Beam Guide Railing, Straight Sections <sup>(34 71 13 26-0002)</sup>

Note: Add additional length for back-up sections.				
34 71 13 26-0004	LF	Corrugated Beam Guide Railing.....	5.61	1.04
34 71 13 26-0005	LF	Corrugated Beam Guide Railing (Rustic).....	5.26	1.04

##### 34 71 13 26-0006 Corrugated Beam Guide Railing, Shop Curved <sup>(34 71 13 26-0002)</sup>

Note: Add additional length for back-up sections.				
34 71 13 26-0007	LF	Shop Curved Corrugated Beam Guide Railing.....	7.14	1.04
34 71 13 26-0008	LF	Shop Curved Corrugated Beam Guide Railing (Rustic).....	6.83	1.04
34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing End.....	17.38	1.04
Note: Treatment for mall barriers driveways, walkways, special end, etc.				
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End .....	16.34	1.04
Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.				

##### 34 71 13 26-0011 Corrugated Beam Guide Railing, Manufactured End Sections <sup>(34 71 13 26-0001)</sup>

34 71 13 26-0012	EA	Corrugated Beam Guide Railing End Section At Anchor Unit.....	45.80	13.70
34 71 13 26-0013	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit .....	47.88	13.70
34 71 13 26-0014	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section .....	58.32	13.70
34 71 13 26-0015	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic).....	60.40	13.70
34 71 13 26-0016	EA	Corrugated Beam Guide Railing 225 Degree End Section.....	58.32	13.70
34 71 13 26-0017	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic).....	60.40	13.70

**34 Transportation****34 70 Transportation Construction And Equipment****34 71 Roadway Construction**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>34 71 13 26-0018 Corrugated Beam Guide Rail End Terminal Systems</b> (34 71 13 26-0001) Note: Excludes post. As manufactured and distributed by R. G. Steel Corp.		
34 71 13 26-0019 EA Regent Flared End Terminal Head With Bracket.....	1,309.10	82.02
34 71 13 26-0020 EA Fleat Flared End Terminal Head With Bracket.....	1,100.45	82.02
34 71 13 26-0021 EA SKT 350 Tangent End Terminal Head With Bracket.....	1,309.10	82.02
34 71 13 26-0022 EA 12'-6" Corrugated Beam Pre-drilled #1 Panel.....	208.04	38.66
<b>34 71 13 26-0023 Corrugated Beam Guide Rail Posts</b> (34 71 13 26-0001) Note: Includes mounting hardware.		
34 71 13 26-0024 EA Standard Post For Corrugated Beam Guide Rail.....	42.55	6.87
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	1.83	
34 71 13 26-0025 EA Standard Post For (Rustic) Corrugated Beam Guide Rail.....	44.64	6.87
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	1.83	
34 71 13 26-0026 EA Extra Long Post for Corrugated Beam Guide Rail.....	46.73	6.87
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	1.83	
34 71 13 26-0027 EA Extra Long Post (Rustic) for Corrugated Beam Guide Rail.....	48.81	6.87
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	1.83	
34 71 13 26-0028 EA 6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail.....	42.55	6.87
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	1.83	
34 71 13 26-0029 EA Post Struts for Corrugated Beam Guide Rail Mall Barrier Post.....	59.25	6.87
For Installation In Rock, Add	1.83	
<b>34 71 13 26-0030 Heavy Post Blocked Out Corrugated Beam Guide Rail Posts</b> (34 71 13 26-0001) Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0031 EA Standard Post For heavy post blocked out corrugated beam guide rail.....	42.55	6.87
34 71 13 26-0032 EA Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide.....	44.64	6.87
34 71 13 26-0033 EA Extra Long Post For heavy post blocked out corrugated beam guide rail.....	46.73	6.87
34 71 13 26-0034 EA Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail.....	48.81	6.87
Note: For heavy post blocked out corrugated beam guide (rustic)		
34 71 13 26-0035 EA Type A Post 1630mm Post.....	41.51	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0036 EA Type A Post 1630mm Post (Rustic).....	43.60	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0037 EA Type B Post 1460mm.....	39.42	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0038 EA Type B Post 1460mm (Rustic).....	41.51	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0039 EA Type C Post 1290mm.....	37.34	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0040 EA Type C Post 1290mm (Rustic).....	39.42	6.87
Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0041 EA Breakaway Wood Or Steel Post In Steel Foundation Tube.....	147.21	6.87
34 71 13 26-0042 EA Wood, Metal, Plastic Or Composite Offset Block Or Beam.....	19.60	6.87
Note: For heavy post blocked out corrugated beam guide rail.		
<b>34 71 13 26-0043 Corrugated Beam Guide Rail Accessories</b> (34 71 13 26-0001)		
34 71 13 26-0044 EA Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C.....	41.62	15.57
<b>34 71 13 26-0045 Corrugated Beam Guide Rail Repair for Existing Guide Rail</b> (34 71 13 26-0001) Note: Includes associated hardware.		
34 71 13 26-0046 LF Remove And Store Corrugated Beam Guide Railing And Post.....	6.09	
34 71 13 26-0047 EA Install Stored Post For Corrugated Beam Guide Rail.....	20.76	
34 71 13 26-0048 LF Install Stored Corrugated Beam Guide Railing And Post.....	3.53	
<b>34 71 13 26-0049 Corrugated Thrie Beam Guide Railing</b> (34 71 13 26-0001)		
<b>34 71 13 26-0050 Corrugated Thrie Beam Guide Railing. Straight Sections</b> (34 71 13 26-0049) Note: Add additional length for back-up sections.		
34 71 13 26-0051 LF Corrugated Thrie Beam Guide Railing.....	12.39	1.31
34 71 13 26-0052 LF Corrugated Thrie Beam Guide Railing (Rustic).....	13.03	1.31
<b>34 71 13 26-0053 Corrugated Thrie Beam Guide Railing. Shop Curved</b> (34 71 13 26-0049) Note: Add additional length for back-up sections.		
34 71 13 26-0054 LF Shop Curved Corrugated Thrie Beam Guide Railing.....	14.94	1.31
34 71 13 26-0055 LF Shop Curved Corrugated Thrie Beam Guide Railing (Rustic).....	15.57	1.31
<b>34 71 13 26-0056 Corrugated Thrie Beam Guide Rail Posts</b> (34 71 13 26-0049) Note: Includes hardware for mounting.		



<b>Transportation</b>	<b>34</b>
<b>Transportation Construction And Equipment</b>	<b>34 70</b>
<b>Roadway Construction</b>	<b>34 71</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0057 EA Standard Post For Corrugated Thrie Beam Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i>	47.64 -5.00	1.31
	7.00	
34 71 13 26-0058 EA Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail ..... <i>For Installation Without Soil Plate, Deduct</i>	49.73 -5.00	1.31
	7.00	
<b>34 71 13 26-0059 Timber Guide Rails</b> (34 71 13 26) Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
<b>34 71 13 26-0060 Timber Guide Rail Posts</b> (34 71 13 26-0059)		
34 71 13 26-0061 EA 6" x 8" Timber Guide Rail Post .....	55.76	5.19
34 71 13 26-0062 EA 6" x 9" Timber Guide Rail Post .....	63.97	5.19
34 71 13 26-0063 EA 10" x 10" Timber Guide Rail Post .....	128.33	5.19
34 71 13 26-0064 EA 10" x 12" Timber Guide Rail Post .....	136.00	5.19
34 71 13 26-0065 EA 12" x 12" Timber Guide Rail Post .....	157.88	5.19
<b>34 71 13 26-0066 Timber Guide Rails</b> (34 71 13 26-0059) Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0067 LF 4" x 9" Timber Guide Rail.....	6.94	0.62
34 71 13 26-0068 LF 6" x 10" Timber Guide Rail.....	9.89	0.62
34 71 13 26-0069 LF 6" x 12" Timber Guide Rail.....	11.63	0.62
<b>34 71 13 26-0070 Spacer Blocks For Timber Guide Rails</b> (34 71 13 26-0059)		
34 71 13 26-0071 EA 4" x 9" Spacer Block For Timber Guide Rails .....	9.01	0.83
34 71 13 26-0072 EA 6" x 8" Spacer Block For Timber Guide Rails .....	10.43	0.83
34 71 13 26-0073 EA 8" x 8" Spacer Block For Timber Guide Rails .....	12.24	0.83
<b>34 71 13 26-0074 Weathering Steel Backup Plates For Timber Guide Rails</b> (34 71 13 26-0059)		
34 71 13 26-0075 LF 6" High, Weathering Steel Backup Plate For Timber Guide Rails.....	12.88	0.52
<b>34 71 13 26-0076 Weathering Steel Splice And Bearing Plates For Timber Guide Rails</b> (34 71 13 26-0059)		
34 71 13 26-0077 EA Weathering Steel Splice Plate For Timber Guide Rails .....	87.68	7.27
34 71 13 26-0078 EA Weathering Steel Bearing Termination Plate For Timber Guide Rails.....	54.67	5.19
<b>34 71 13 26-0079 Cable Guide Rail</b> (34 71 13 26)		
<b>34 71 13 26-0080 Cable Guide Rail</b> (34 71 13 26-0079)		
34 71 13 26-0081 LF Cable (Each Cable) .....	3.27	1.12
	Note: Includes tensioning. Excludes splices.	
34 71 13 26-0082 EA Cable Splice With Wedges .....	72.98	7.79
<b>34 71 13 26-0083 Cable Guide Rail Posts</b> (34 71 13 26-0079) Note: Includes hardware for cable mounting.		
34 71 13 26-0084 EA Standard Post for Cable Guide Rail.....	61.85	22.91
	<i>For Installation Without Soil Plate, Deduct</i>	
	-5.00	
	<i>For Installation In Rock, Add</i>	
	6.11	
34 71 13 26-0085 EA Standard Post (Rustic) for Cable Guide Rail.....	63.93	22.91
	<i>For Installation Without Soil Plate, Deduct</i>	
	-5.00	
	<i>For Installation In Rock, Add</i>	
	6.11	
34 71 13 26-0086 EA Extra Long Post for Cable Guide Rail.....	63.93	22.91
	<i>For Installation Without Soil Plate, Deduct</i>	
	-5.00	
	<i>For Installation In Rock, Add</i>	
	6.11	
34 71 13 26-0087 EA Extra Long Post (Rustic) for Cable Guide Rail.....	66.02	22.91
	<i>For Installation Without Soil Plate, Deduct</i>	
	-5.00	
	<i>For Installation In Rock, Add</i>	
	6.11	
34 71 13 26-0088 EA Slip Impact Post Top for Anchor Unit.....	37.25	9.17
34 71 13 26-0089 EA Slip Impact Post Base and Keeper Plate .....	89.41	9.17
	Note: For anchor unit.	
<b>34 71 13 26-0090 Cable Guide Rail Accessories For Breakaway Anchor Angle Systems</b> (34 71 13 26-0079)		
34 71 13 26-0091 EA Turnbuckle Cable End Assembly For Use With Breakaway Anchors .....	209.62	104.01
34 71 13 26-0092 EA Turnbuckle Cable End Assembly.....	48.67	5.20
34 71 13 26-0093 EA Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors .....	149.51	2.59
34 71 13 26-0094 EA Spring Cable End Assembly (Compensating Device) Without Turnbuckle .....	153.68	2.59
34 71 13 26-0095 EA Breakaway Anchor Angle.....	61.19	5.20
34 71 13 26-0096 EA Standard End Post Cap Assembly.....	28.49	2.59
34 71 13 26-0097 EA Driveway End Post Cap Assembly .....	24.31	2.59
34 71 13 26-0098 EA End Post Ground Support Plates.....	13.88	2.59
34 71 13 26-0099 EA 11" Stud Bolt, Cable Guide Rail.....	12.32	2.59
34 71 13 26-0100 EA 18" Stud Bolt, Cable Guide Rail.....	14.40	2.59
34 71 13 26-0101 EA 25" Stud Bolt, Cable Guide Rail.....	16.49	2.59
34 71 13 26-0102 EA 1-1/4" Diameter Turnbuckle, Cable Guide Rail .....	132.13	5.20

<b>34</b>	<b>Transportation</b>
<b>34 70</b>	<b>Transportation Construction And Equipment</b>
<b>34 71</b>	<b>Roadway Construction</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0103 EA 1-1/2" Diameter Turnbuckle, Cable Guide Rail .....	140.48	5.20
34 71 13 26-0104 EA 5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail.....	94.57	5.20
34 71 13 26-0105 EA 5/8" Eye Bolt 18" Long, Cable Guide Rail.....	57.70	2.59
34 71 13 26-0106 EA 3/4" Eye Bolt 8'-6" Long, Cable Guide Rail.....	61.19	5.20
34 71 13 26-0107 EA 1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail.....	66.72	7.79
<b>34 71 13 26-0108 Cable Guide Rail Accessories For Slip Impact Post Systems (34 71 13 26-0079)</b>		
34 71 13 26-0109 EA Turnbuckle Cable End Assembly.....	108.27	7.65
Note: For use with slip impact post.		
34 71 13 26-0110 EA Spring Cable End Assembly (Compensating Device).....	208.42	7.65
Note: For use with slip impact post.		
34 71 13 26-0111 EA Anchor Angle For Slip Impact Post System.....	64.45	7.65
34 71 13 26-0112 EA Cable End Assembly Rod.....	54.02	7.65
Note: Includes cable end, threaded rod and keeper to anchor angle.		
<b>34 71 13 26-0113 Cable Guide Rail Repair For Existing Guide Rail (34 71 13 26-0079)</b>		
Note: All tasks include associated hardware.		
34 71 13 26-0114 LF Retention Existing Cable (Each Cable).....	0.70	
34 71 13 26-0115 LF Remove and Store Cable Guide Railing.....	4.18	
34 71 13 26-0116 EA Install Stored Post For Cable Guide Railing.....	30.55	
34 71 13 26-0117 LF Install Stored Cable, (Each Cable).....	1.85	
Note: Includes retensioning. Excludes splices.		
<b>34 71 13 26-0118 6" x 6" Box Beam Guide Rail (34 71 13 26)</b>		
<b>34 71 13 26-0119 Box Beam Guide Rail, 6" x 6" (34 71 13 26-0118)</b>		
<b>34 71 13 26-0120 Straight Sections, Box Beam Guide Rail (34 71 13 26-0119)</b>		
34 71 13 26-0121 LF Box Beam Guide Railing 6" x 6" x 3/16" Galvanized.....	14.78	1.31
Note: Excludes splices.		
For Flush Mounting Directly To Structure, Add	1.83	
34 71 13 26-0122 LF Box Beam Guide Railing 6" x 6" x 3/16" (Rustic).....	16.69	1.31
Note: Excludes splices.		
For Flush Mounting Directly To Structure, Add	1.83	
34 71 13 26-0123 LF Box Beam Guide Railing 8" x 6" x 3/16" Galvanized.....	17.39	1.31
Note: Excludes splices		
<b>34 71 13 26-0124 Shop Curved, Box Beam Guide Rail (34 71 13 26-0119)</b>		
34 71 13 26-0125 LF Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized.....	22.09	1.31
Note: Excludes splices.		
For Shop Curved At <20' Radius, Add	2.44	
For Flush Mounting Directly To Structure, Add	1.83	
34 71 13 26-0126 LF Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic).....	24.00	1.31
Note: Excludes splices.		
For Shop Curved At <20' Radius, Add	2.44	
For Flush Mounting Directly To Structure, Add	1.83	
34 71 13 26-0127 LF Shop Curved Box Beam Guide Railing 8" x 6" x 3/16" Galvanized.....	26.15	1.31
Note: Excludes splices.		
<b>34 71 13 26-0128 Box Beam Guide Rail End Treatment Sections (34 71 13 26-0118)</b>		
Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.		
34 71 13 26-0129 EA Box Beam End Piece Guide Railing Section.....	229.41	15.57
Note: Galvanized excludes splices.		
34 71 13 26-0130 EA Box Beam End Piece Guide Railing Section (Rustic).....	252.36	15.57
Note: Excludes splices.		
34 71 13 26-0131 EA Box Beam Guide Railing End Treatment Section At Driveway, Galvanized.....	216.89	15.57
Note: Excludes splices.		
34 71 13 26-0132 EA Box Beam Guide Railing End Treatment Section At Driveway, (Rustic).....	225.24	15.57
Note: Excludes splices.		
34 71 13 26-0133 EA Box Beam Guiderail End Assembly.....	6,544.07	415.19
Note: Includes all components for the first 14'. Includes energy absorbing terminal, bearing plate, steel breakaway post upper and lower assembly, interior sleeve, box beam, post breaker, cable assembly, end tube rail, end tube tie plate, post 1 and post 2.		
<b>34 71 13 26-0134 Splices For Box Beam Guide Rail (34 71 13 26-0118)</b>		
34 71 13 26-0135 EA Splice For Box Beam Guide Rail.....	77.53	23.11
34 71 13 26-0136 EA Splice For Box Beam Guide Rail (Rustic).....	92.13	23.11
<b>34 71 13 26-0137 Box Beam Guide Rail Posts (34 71 13 26-0118)</b>		
Note: Includes hardware for box beam mounting.		
34 71 13 26-0138 EA Standard Post For Box Beam Guide Rail.....	63.93	22.91
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	6.11	
34 71 13 26-0139 EA Standard Post (Rustic) for Box Beam Guide Railing.....	66.02	22.91
For Installation Without Soil Plate, Deduct	-5.00	
For Installation In Rock, Add	6.11	



<b>Transportation</b>	<b>34</b>
<b>Transportation Construction And Equipment</b>	<b>34 70</b>
<b>Roadway Construction</b>	<b>34 71</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0140 EA Extra Long Post For Box Beam Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	68.11 -5.00 6.11	22.91
34 71 13 26-0141 EA Extra Long Post (Rustic) For Box Beam Guide Rail ..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	70.19 -5.00 6.11	22.91
34 71 13 26-0142 EA Type I End Assembly Post..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	61.85 -5.00 6.11	22.91
34 71 13 26-0143 EA Type I End Assembly Post (Rustic) ..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	63.93 -5.00 6.11	22.91
34 71 13 26-0144 EA Type II End Assembly Post..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	59.76 -5.00 6.11	22.91
34 71 13 26-0145 EA Type II End Assembly Post (Rustic) ..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	61.85 -5.00 6.11	22.91
<b>34 71 13 26-0146 Box Beam Guide Rail Accessories (34 71 13 26-0118)</b>		
34 71 13 26-0147 EA Box Beam Guide Rail End Cover Plate .....	31.27	4.67
34 71 13 26-0148 EA Box Beam Guide Rail End Cover Plate (Rustic) .....	33.35	4.67
<b>34 71 13 26-0149 Box Beam Guide Railing Repair, And Resetting (34 71 13 26-0118)</b>		
Note: For existing guide rail.		
34 71 13 26-0150 LF Remove And Store Box Beam Guide Rail And Post .....	2.05	
34 71 13 26-0151 LF Reset Box Beam Guide Rail .....	5.98	
<b>34 71 13 26-0152 6" x 8" Box Beam Median Barrier (34 71 13 26)</b>		
<b>34 71 13 26-0153 Box Beam Median Barrier, 6" x 8" (34 71 13 26-0152)</b>		
<b>34 71 13 26-0154 Straight Sections, Box Beam Median Barrier (34 71 13 26-0153)</b>		
34 71 13 26-0155 LF Box Beam Median Barrier Galvanized Excludes Splices..... <i>For Flush Mounting Directly To Structure, Add</i>	26.26 1.83	4.67
34 71 13 26-0156 LF Box Beam Median Barrier (Rustic) Excludes Splices ..... <i>For Flush Mounting Directly To Structure, Add</i>	28.17 1.83	4.67
<b>34 71 13 26-0157 Shop Curved, Box Beam Median Barrier (34 71 13 26-0153)</b>		
34 71 13 26-0158 LF Shop Curved Box Beam Median Barrier Galvanized..... Note: Excludes splices. <i>For Shop Curved At &lt;20' Radius, Add</i> <i>For Flush Mounting Directly To Structure, Add</i>	31.28 2.44 1.83	4.67
34 71 13 26-0159 LF Shop Curved Box Beam Median Barrier Rustic..... Note: Excludes splices. <i>For Shop Curved At &lt;20' Radius, Add</i> <i>For Flush Mounting Directly To Structure, Add</i>	37.54 2.44 1.83	4.67
<b>34 71 13 26-0160 Box Beam Median Barrier End Treatment Sections (34 71 13 26-0152)</b>		
Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0161 EA Box Beam Median Barrier Type A End Treatment Section, Galvanized..... Note: Excludes splices and post.	728.08	15.57
34 71 13 26-0162 EA Box Beam Median Barrier Type A End Treatment Section (Rustic)..... Note: Excludes splices and post.	744.78	15.57
34 71 13 26-0163 EA Box Beam Median Barrier Type B End Treatment Section, Galvanized..... Note: Excludes splices and post.	728.08	15.57
34 71 13 26-0164 EA Box Beam Median Barrier Type B End Treatment Section (Rustic)..... Note: Excludes splices and post.	744.78	15.57
<b>34 71 13 26-0165 Splices For Box Beam Median Barrier (34 71 13 26-0152)</b>		
34 71 13 26-0166 EA Splice for Box Beam Median Barrier .....	62.50	12.46
34 71 13 26-0167 EA Splice for Box Beam Median Barrier (Rustic).....	93.80	12.46
<b>34 71 13 26-0168 Box Beam Median Barrier Posts Driven With Soil Plate (34 71 13 26-0152)</b>		
Note: Includes all associated hardware.		
34 71 13 26-0169 EA Standard Post for Box Beam Median Barrier..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	63.93 -5.00 6.11	22.91
34 71 13 26-0170 EA Standard Post (Rustic) for Box Beam Median Barrier..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	66.02 -5.00 6.11	22.91
34 71 13 26-0171 EA Extra Long Post for Box Beam Median Barrier ..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	68.11 -5.00 6.11	22.91

**34 Transportation****34 70 Transportation Construction And Equipment****34 71 Roadway Construction**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0172 EA Extra Long Post (Rustic) for Box Beam Median Barrier.....	70.19	22.91
<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
<i>For Installation In Rock, Add</i>	6.11	
34 71 13 26-0173 EA Type B End Treatment or Rub Back Anchor Post for Box Beam.....	59.76	22.91
Note: For median barrier.		
<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
<i>For Installation In Rock, Add</i>	6.11	
34 71 13 26-0174 EA Type B End Treatment or Rub Back Anchor Post (Rustic).....	59.76	22.91
Note: For box beam median barrier.		
<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
<i>For Installation In Rock, Add</i>	6.11	
34 71 13 26-0175 EA Type I End Assembly Post for Box Beam Median Barrier to Concrete.....	68.11	22.91
Note: For median barrier transition.		
<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
<i>For Installation In Rock, Add</i>	6.11	
34 71 13 26-0176 EA Type I End Assembly Post (Rustic) for Box Beam Median Barrier.....	70.19	22.91
Note: For Concrete median barrier transition.		
<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
<i>For Installation In Rock, Add</i>	6.11	
<b>34 71 13 26-0177 Box Beam Median Barrier Accessories (34 71 13 26-0152)</b>		
34 71 13 26-0178 EA Box Beam Median Barrier End Cover Plate.....	42.68	10.97
34 71 13 26-0179 EA Box Beam Median Barrier End Cover Plate (Rustic).....	44.77	10.97
<b>34 71 13 26-0180 Box Beam Median Barrier Repair, And Resetting (34 71 13 26-0152)</b>		
Note: For existing guide rail.		
34 71 13 26-0181 LF Remove and Store Box Beam Median Barrier and Posts.....	2.12	
34 71 13 26-0182 LF Reset Box Beam Median Barrier.....	6.27	
<b>34 71 13 26-0183 Universal Guide Rail Items (34 71 13 26)</b>		
<b>34 71 13 26-0184 Guide Rail Concrete Anchor Units For All Types Of Guide Rail (34 71 13 26-0183)</b>		
Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0185 CY Guide Rail Concrete Anchor Unit.....	372.34	
<i>For Each Additional Set Of Anchor Rods, Add</i>	38.00	
34 71 13 26-0186 EA Reset Existing Anchorage Unit for All Types of Guide Rail.....	238.09	
Note: Includes excavation and backfill.		
<b>34 71 13 26-0187 Guide Rail Repair For All Types Of Existing Guide Rail (34 71 13 26-0183)</b>		
Note: All tasks include associated hardware.		
34 71 13 26-0188 EA Straighten And Reset Driven Post For Guide Rail.....	30.55	
34 71 13 26-0189 EA Straighten And Reset Post Mounted On Concrete For Guide Rail.....	33.55	
Note: With base plate for guide rail. Includes new anchor bolts.		
<b>34 71 13 26-0190 Additional Wood and Steel Posts (34 71 13 26-0183)</b>		
34 71 13 26-0191 LF 4" x 6" Wood Post.....	20.11	7.65
<i>For Installation In Rock, Add</i>	2.04	
34 71 13 26-0192 LF 6" x 8" Wood Post.....	23.24	7.65
<i>For Installation In Rock, Add</i>	2.04	
34 71 13 26-0193 LF 6" x 7/8" Steel Post Galvanized.....	16.11	7.65
<i>For Installation In Rock, Add</i>	2.04	
34 71 13 26-0194 EA Base Plate With Anchor Bolts For Mounting Post On Concrete.....	130.18	7.65
<b>34 71 13 26-0195 Accessories For All Types of Guide Rail (34 71 13 26-0183)</b>		
34 71 13 26-0196 EA Reflector, Guard Rail.....	14.26	
<b>34 71 13 26-0197 Guide Rail Transitions (34 71 13 26)</b>		
<b>34 71 13 26-0198 Transition Box Beam Guide Rail To Corrugated Beam (34 71 13 26-0197)</b>		
Note: Use cable guide rail section for cable, anchor angle and cable end assembly.		
34 71 13 26-0199 EA Box Beam To Corrugated Beam Rail Bolted Section.....	263.87	
34 71 13 26-0200 EA Box Beam To Corrugated Beam Rail Bolted Plate.....	180.41	
Note: For making cable connections.		
<b>34 71 13 26-0201 Transition Box Beam Median Barrier To Corrugated Beam Median (34 71 13 26-0197)</b>		
Note: Use cable guide rail section for anchor angle and cable end assembly.		
34 71 13 26-0202 EA Box Beam Median Barrier To Corrugated Beam Bolted Section.....	268.04	
34 71 13 26-0203 EA Box Beam Median Barrier To Corrugated Beam Harness Plate.....	180.41	
Note: For making cable connections.		
<b>34 71 13 26-0204 Transition Box Beam Guide Rail To Cable Guide Rail (34 71 13 26-0197)</b>		
Note: Use cable guide rail section for cable, anchor angle and end connections at anchor unit.		



<b>Transportation</b>	<b>34</b>	<b>34</b>
<b>Transportation Construction And Equipment</b>	<b>34 70</b>	
<b>Roadway Construction</b>	<b>34 71</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0205 EA Box Beam to Cable Guide Rail U-bolt And Plate .....	34.73	8.30
<b>34 71 13 26-0206 Transition Box Beam Median Barrier To Concrete Median Barrier</b> <small>(34 71 13 26-0197)</small> Note: For end treatment sections for rub rail turnback, use box beam guide rail end treatments.		
34 71 13 26-0207 EA Box Beam Median Barrier To Concrete Barrier End Connection .....	347.33	
<b>34 71 13 26-0208 Transition Thrie Beam To Concrete Median Barrier</b> <small>(34 71 13 26-0197)</small>		
34 71 13 26-0209 EA Thrie Beam Terminal Connector At Concrete Median Barrier .....	243.00	
34 71 13 26-0210 EA Thrie Beam Transition Section To Corrugated Beam Guide Rail .....	295.17	

**END OF SECTION 34**

**34 Transportation**

34 70 Transportation Construction And Equipment

34 71 Roadway Construction



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MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

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MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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## 40 Process Interconnections

### 40 05 Common Work Results For Process Interconnections <sup>(40)</sup>

#### 40 05 23 Stainless Steel Process Pipe and Tubing <sup>(40 05)</sup>

##### 40 05 23 43 Stainless Steel Process Pipe <sup>(40 05 23)</sup>

40 05 23 43-0001	Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly <sup>(40 05 23)</sup>			
	<sup>43)</sup> Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.			
40 05 23 43-0002	LF 1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	20.67		5.51
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	2.49		
	<i>For Work In Restricted Working Space, Add</i>	3.33		
40 05 23 43-0003	LF 3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	23.21		6.32
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	2.61		
	<i>For Work In Restricted Working Space, Add</i>	3.95		
40 05 23 43-0004	LF 1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	27.04		7.14
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	3.06		
	<i>For Work In Restricted Working Space, Add</i>	4.58		
40 05 23 43-0005	LF 1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	31.29		8.62
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	3.86		
	<i>For Work In Restricted Working Space, Add</i>	4.94		
40 05 23 43-0006	LF 1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	34.64		8.86
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	4.42		
	<i>For Work In Restricted Working Space, Add</i>	5.29		
40 05 23 43-0007	LF 2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	42.00		11.71
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	5.39		
	<i>For Work In Restricted Working Space, Add</i>	6.38		
40 05 23 43-0008	LF 2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	61.99		14.44
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	9.27		
	<i>For Work In Restricted Working Space, Add</i>	7.90		
40 05 23 43-0009	LF 3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	78.64		16.73
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Type 316, Add</i>	12.07		
	<i>For Work In Restricted Working Space, Add</i>	9.66		
40 05 23 43-0010	LF 4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly .....	107.74		16.73
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.			
	<i>For Work In Restricted Working Space, Add</i>	12.26		

##### 40 05 23 43-0011 Stainless Steel Tubing And Fittings <sup>(40 05 23 43)</sup>

##### 40 05 23 43-0012 Type 304 Tubing <sup>(40 05 23 43-0011)</sup>

##### 40 05 23 43-0013 0.035" Wall <sup>(40 05 23 43-0012)</sup>

40 05 23 43-0014	LF 1/4" Stainless Steel Tubing, Type 304, 0.035" Wall .....	4.71		1.89
	<i>For Work In Restricted Working Space, Add</i>	1.12		
40 05 23 43-0015	LF 3/8" Stainless Steel Tubing, Type 304, 0.035" Wall .....	5.51		2.23
	<i>For Work In Restricted Working Space, Add</i>	1.35		
40 05 23 43-0016	LF 1/2" Stainless Steel Tubing, Type 304, 0.035" Wall .....	6.54		2.65
	<i>For Work In Restricted Working Space, Add</i>	1.57		
40 05 23 43-0017	LF 5/8" Stainless Steel Tubing, Type 304, 0.035" Wall .....	9.94		2.99
	<i>For Work In Restricted Working Space, Add</i>	1.79		
40 05 23 43-0018	LF 3/4" Stainless Steel Tubing, Type 304, 0.035" Wall .....	11.69		3.35
	<i>For Work In Restricted Working Space, Add</i>	2.02		
40 05 23 43-0019	LF 7/8" Stainless Steel Tubing, Type 304, 0.035" Wall .....	12.94		3.76
	<i>For Work In Restricted Working Space, Add</i>	2.25		
40 05 23 43-0020	LF 1" Stainless Steel Tubing, Type 304, 0.035" Wall .....	14.63		4.53
	<i>For Work In Restricted Working Space, Add</i>	2.70		

##### 40 05 23 43-0021 0.049" Wall <sup>(40 05 23 43-0012)</sup>

40 05 23 43-0022	LF 1/4" Stainless Steel Tubing, Type 304, 0.049" Wall .....	7.37		2.23
	<i>For Work In Restricted Working Space, Add</i>	1.35		
40 05 23 43-0023	LF 3/8" Stainless Steel Tubing, Type 304, 0.049" Wall .....	8.27		2.65
	<i>For Work In Restricted Working Space, Add</i>	1.57		
40 05 23 43-0024	LF 1/2" Stainless Steel Tubing, Type 304, 0.049" Wall .....	9.85		2.99
	<i>For Work In Restricted Working Space, Add</i>	1.79		
40 05 23 43-0025	LF 5/8" Stainless Steel Tubing, Type 304, 0.049" Wall .....	12.44		3.76
	<i>For Work In Restricted Working Space, Add</i>	2.25		
40 05 23 43-0026	LF 3/4" Stainless Steel Tubing, Type 304, 0.049" Wall .....	14.35		4.53
	<i>For Work In Restricted Working Space, Add</i>	2.70		
40 05 23 43-0027	LF 7/8" Stainless Steel Tubing, Type 304, 0.049" Wall .....	16.24		5.23
	<i>For Work In Restricted Working Space, Add</i>	3.15		

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0028	LF		1" Stainless Steel Tubing, Type 304, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	18.69 3.58	5.93
<b>40 05 23 43-0029</b>			<b>0.065" Wall</b> <small>(40 05 23 43-0012)</small>		
40 05 23 43-0030	LF		1/4" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	8.59 1.57	2.65
40 05 23 43-0031	LF		3/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	9.87 1.79	2.99
40 05 23 43-0032	LF		1/2" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	12.20 2.25	3.76
40 05 23 43-0033	LF		5/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	14.39 2.70	4.53
40 05 23 43-0034	LF		3/4" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	16.95 3.15	5.23
40 05 23 43-0035	LF		7/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	19.44 3.58	5.93
40 05 23 43-0036	LF		1" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	21.91 4.02	6.70
<b>40 05 23 43-0037</b>			<b>Type 304 Tube Fittings</b> <small>(40 05 23 43-0011)</small>		
<b>40 05 23 43-0038</b>			<b>90 Degree Elbows</b> <small>(40 05 23 43-0037)</small>		
40 05 23 43-0039	EA		1/4" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	27.22 4.50	7.53
40 05 23 43-0040	EA		3/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	31.82 4.92	8.23
40 05 23 43-0041	EA		1/2" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	46.23 5.58	9.28
40 05 23 43-0042	EA		5/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	49.65 6.24	10.39
40 05 23 43-0043	EA		3/4" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	55.31 6.75	11.22
40 05 23 43-0044	EA		7/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	73.93 7.47	12.48
40 05 23 43-0045	EA		1" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	93.59 8.90	14.85
<b>40 05 23 43-0046</b>			<b>Union Tees</b> <small>(40 05 23 43-0037)</small>		
40 05 23 43-0047	EA		1/4" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	42.82 6.75	11.22
40 05 23 43-0048	EA		3/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	51.28 7.47	12.48
40 05 23 43-0049	EA		1/2" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	68.35 8.37	13.95
40 05 23 43-0050	EA		5/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	74.01 9.51	15.82
40 05 23 43-0051	EA		3/4" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	92.74 10.20	17.01
40 05 23 43-0052	EA		7/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	142.79 11.30	18.83
40 05 23 43-0053	EA		1" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	171.07 13.49	22.52
<b>40 05 23 43-0054</b>			<b>Unions</b> <small>(40 05 23 43-0037)</small>		
40 05 23 43-0055	EA		1/4" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	41.20 6.75	11.22
40 05 23 43-0056	EA		3/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	52.19 7.47	12.48
40 05 23 43-0057	EA		1/2" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	68.95 8.37	13.95
40 05 23 43-0058	EA		5/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	83.41 9.51	15.82
40 05 23 43-0059	EA		3/4" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	98.46 10.20	17.01
40 05 23 43-0060	EA		7/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	147.35 11.30	18.83
40 05 23 43-0061	EA		1" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	158.15 13.49	22.52
<b>40 05 23 43-0062</b>			<b>Male Connectors</b> <small>(40 05 23 43-0037)</small>		
40 05 23 43-0063	EA		1/4" x 1/4" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	21.42 4.50	7.53
40 05 23 43-0064	EA		3/8" x 3/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	26.13 4.92	8.23
40 05 23 43-0065	EA		1/2" x 1/2" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	33.13 5.58	9.28
40 05 23 43-0066	EA		5/8" x 5/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	37.30 6.24	10.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0067 EA 3/4" x 3/4" Male Connection, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	44.34 6.75	11.22
40 05 23 43-0068 EA 7/8" x 7/8" Male Connection, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	64.31 7.47	12.48
40 05 23 43-0069 EA 1" x 1" Male Connection, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	68.34 8.90	14.85
<b>40 05 23 43-0070 Type 304 Valves</b> <small>(40 05 23 43-0011)</small>		
<b>40 05 23 43-0071 Gate Valves</b> <small>(40 05 23 43-0070)</small>		
40 05 23 43-0072 EA 1/4" Gate Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	152.32 6.09	11.22
40 05 23 43-0073 EA 3/8" Gate Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	259.42 6.41	13.18
40 05 23 43-0074 EA 1/2" Gate Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	267.72 8.90	14.85
40 05 23 43-0075 EA 3/4" Gate Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	296.54 10.20	17.01
40 05 23 43-0076 EA 1" Gate Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	269.24 13.49	22.52
<b>40 05 23 43-0077 Globe Valves</b> <small>(40 05 23 43-0070)</small>		
40 05 23 43-0078 EA 1/4" Globe Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	154.48 6.09	11.22
40 05 23 43-0079 EA 3/8" Globe Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	100.35 6.41	13.18
40 05 23 43-0080 EA 1/2" Globe Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	182.16 8.90	14.85
40 05 23 43-0081 EA 3/4" Globe Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	202.57 10.20	17.01
40 05 23 43-0082 EA 1" Globe Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	296.48 13.49	22.52
<b>40 05 23 43-0083 Check Valves</b> <small>(40 05 23 43-0070)</small>		
40 05 23 43-0084 EA 1/4" Check Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	218.04 6.09	11.22
40 05 23 43-0085 EA 3/8" Check Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	219.11 6.41	13.18
40 05 23 43-0086 EA 1/2" Check Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	140.20 8.90	14.85
40 05 23 43-0087 EA 3/4" Check Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	146.15 10.20	17.01
40 05 23 43-0088 EA 1" Check Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	160.31 13.49	22.52
<b>40 05 23 43-0089 Plug Valves</b> <small>(40 05 23 43-0070)</small>		
40 05 23 43-0090 EA 1/2" Plug Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	337.63 8.90	14.85
40 05 23 43-0091 EA 3/4" Plug Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	369.35 10.20	17.01
40 05 23 43-0092 EA 1" Plug Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	416.80 13.49	22.52
40 05 23 43-0093 EA 1-1/2" Plug Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	581.39 15.27	25.45
40 05 23 43-0094 EA 2" Plug Valve, Stainless Steel Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	756.34 20.92	34.86
<b>40 05 23 43-0095 Type 316 Tubing</b> <small>(40 05 23 43-0011)</small>		
<b>40 05 23 43-0096 0.035" Wall</b> <small>(40 05 23 43-0095)</small>		
40 05 23 43-0097 LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	4.86 1.12	1.89
40 05 23 43-0098 LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	6.23 1.35	2.23
40 05 23 43-0099 LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	6.98 1.57	2.65
40 05 23 43-0100 LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	11.10 1.79	2.99
40 05 23 43-0101 LF 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	12.60 2.02	3.35
40 05 23 43-0102 LF 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	15.73 2.25	3.76
40 05 23 43-0103 LF 1" Stainless Steel Tubing, Type 316, 0.035" Wall ..... <i>For Work In Restricted Working Space, Add</i>	16.79 2.70	4.53
<b>40 05 23 43-0104 0.049" Wall</b> <small>(40 05 23 43-0095)</small>		

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0105	LF		1/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	7.99 1.35	2.23
40 05 23 43-0106	LF		3/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	8.92 1.57	2.65
40 05 23 43-0107	LF		1/2" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	10.46 1.79	2.99
40 05 23 43-0108	LF		5/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	13.58 2.25	3.76
40 05 23 43-0109	LF		3/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	15.76 2.70	4.53
40 05 23 43-0110	LF		7/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	19.87 3.15	5.23
40 05 23 43-0111	LF		1" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	20.59 3.58	5.93
<b>40 05 23 43-0112</b>			<b>0.065" Wall</b> <small>(40 05 23 43-0095)</small>		
40 05 23 43-0113	LF		1/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	9.34 1.57	2.65
40 05 23 43-0114	LF		3/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	10.44 1.79	2.99
40 05 23 43-0115	LF		1/2" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	13.10 2.25	3.76
40 05 23 43-0116	LF		5/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	15.63 2.70	4.53
40 05 23 43-0117	LF		3/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	18.84 3.15	5.23
40 05 23 43-0118	LF		7/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	20.84 3.58	5.93
40 05 23 43-0119	LF		1" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	24.16 4.02	6.70
<b>40 05 23 43-0120</b>			<b>Type 316 Tube Fittings</b> <small>(40 05 23 43-0011)</small>		
<b>40 05 23 43-0121</b>			<b>90 Degree Elbows</b> <small>(40 05 23 43-0120)</small>		
40 05 23 43-0122	EA		1/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	36.04 4.50	7.53
40 05 23 43-0123	EA		3/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	42.95 4.92	8.23
40 05 23 43-0124	EA		1/2" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	66.18 5.58	9.28
40 05 23 43-0125	EA		5/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	70.46 6.24	10.39
40 05 23 43-0126	EA		3/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	79.01 6.75	11.22
40 05 23 43-0127	EA		7/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	109.33 7.47	12.48
40 05 23 43-0128	EA		1" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	139.73 8.90	14.85
<b>40 05 23 43-0129</b>			<b>Union Tees</b> <small>(40 05 23 43-0120)</small>		
40 05 23 43-0130	EA		1/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	57.50 6.75	11.22
40 05 23 43-0131	EA		3/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	70.32 7.47	12.48
40 05 23 43-0132	EA		1/2" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	97.57 8.37	13.95
40 05 23 43-0133	EA		5/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	104.57 9.51	15.82
40 05 23 43-0134	EA		3/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	135.15 10.20	17.01
40 05 23 43-0135	EA		7/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	218.67 11.30	18.83
40 05 23 43-0136	EA		1" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	262.12 13.49	22.52
<b>40 05 23 43-0137</b>			<b>Unions</b> <small>(40 05 23 43-0120)</small>		
40 05 23 43-0138	EA		1/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	38.96 6.75	11.22
40 05 23 43-0139	EA		3/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	48.93 7.47	12.48
40 05 23 43-0140	EA		1/2" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	64.04 8.37	13.95
40 05 23 43-0141	EA		5/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	77.22 9.51	15.82
40 05 23 43-0142	EA		3/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	90.76 10.20	17.01
40 05 23 43-0143	EA		7/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	134.24 11.30	18.83



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0144 EA 1" Union, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	144.62 13.49	22.52
<b>40 05 23 43-0145 Male Connectors</b> (40 05 23 43-0120)		
40 05 23 43-0146 EA 1/4" x 1/4" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	25.97 4.50	7.53
40 05 23 43-0147 EA 3/8" x 3/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	33.00 4.92	8.23
40 05 23 43-0148 EA 1/2" x 1/2" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	43.42 5.58	9.28
40 05 23 43-0149 EA 5/8" x 5/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	48.95 6.24	10.39
40 05 23 43-0150 EA 3/4" x 3/4" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	59.79 6.75	11.22
40 05 23 43-0151 EA 7/8" x 7/8" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	92.17 7.47	12.48
40 05 23 43-0152 EA 1" x 1" Male Connector, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	95.68 8.90	14.85
<b>40 05 23 43-0153 Type 316 Valves</b> (40 05 23 43-0011)		
<b>40 05 23 43-0154 Gate Valves</b> (40 05 23 43-0153)		
40 05 23 43-0155 EA 1/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	194.94 6.09	11.22
40 05 23 43-0156 EA 3/8" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	336.28 6.41	13.18
40 05 23 43-0157 EA 1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	344.58 8.90	14.85
40 05 23 43-0158 EA 3/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	381.30 10.20	17.01
40 05 23 43-0159 EA 1" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	341.65 13.49	22.52
40 05 23 43-0160 EA 1-1/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	473.11 14.01	23.35
40 05 23 43-0161 EA 1-1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	766.11 15.27	25.45
40 05 23 43-0162 EA 2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	908.91 20.92	34.86
40 05 23 43-0163 EA 2-1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	1,319.84 66.95	111.62
<b>40 05 23 43-0164 Globe Valves</b> (40 05 23 43-0153)		
40 05 23 43-0165 EA 1/4" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	197.80 6.09	11.22
40 05 23 43-0166 EA 3/8" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	125.85 6.41	13.18
40 05 23 43-0167 EA 1/2" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	231.39 8.90	14.85
40 05 23 43-0168 EA 3/4" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	256.99 10.20	17.01
40 05 23 43-0169 EA 1" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	377.68 13.49	22.52
40 05 23 43-0170 EA 1-1/4" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	474.15 13.91	23.21
40 05 23 43-0171 EA 1-1/2" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	794.72 15.27	25.45
40 05 23 43-0172 EA 2" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	937.52 20.92	34.86
40 05 23 43-0173 EA 2-1/2" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	1,138.65 66.95	111.62
<b>40 05 23 43-0174 Check Valves</b> (40 05 23 43-0153)		
40 05 23 43-0175 EA 1/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	281.89 6.09	11.22
40 05 23 43-0176 EA 3/8" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	282.96 6.41	13.18
40 05 23 43-0177 EA 1/2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	175.89 8.90	14.85
40 05 23 43-0178 EA 3/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	182.35 10.20	17.01
40 05 23 43-0179 EA 1" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	197.55 13.49	22.52
40 05 23 43-0180 EA 1-1/4" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	277.30 14.01	23.35
40 05 23 43-0181 EA 1-1/2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	632.60 15.27	25.45
40 05 23 43-0182 EA 2" Check Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	765.87 20.92	34.86

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0183	EA		2-1/2" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,494.68 66.95	111.62
<b>40 05 23 43-0184</b>			<b>Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined</b> <small>(40 05 23 43-0153)</small>		
40 05 23 43-0185	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	300.77 8.90	14.85
40 05 23 43-0186	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	351.53 10.20	17.01
40 05 23 43-0187	EA		1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	447.90 13.49	22.52
40 05 23 43-0188	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	719.35 15.27	25.45
40 05 23 43-0189	EA		2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	1,005.56 20.92	34.86
<b>40 05 23 43-0190</b>			<b>Diaphragm Valves, Teflon Lined</b> <small>(40 05 23 43-0153)</small>		
40 05 23 43-0191	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	401.04 8.90	14.85
40 05 23 43-0192	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	461.08 10.20	17.01
40 05 23 43-0193	EA		1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	557.46 13.49	22.52
40 05 23 43-0194	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	873.46 15.27	25.45
40 05 23 43-0195	EA		2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	1,189.39 20.92	34.86
<b>40 05 23 43-0196</b>			<b>Strainers</b> <small>(40 05 23 43-0153)</small>		
40 05 23 43-0197	EA		1/2" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	402.00 8.90	14.85
40 05 23 43-0198	EA		3/4" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	481.46 10.25	17.08
40 05 23 43-0199	EA		1" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	629.78 13.60	22.66
40 05 23 43-0200	EA		1-1/4" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	784.64 14.02	23.35
40 05 23 43-0201	EA		1-1/2" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	986.97 15.27	25.45
40 05 23 43-0202	EA		2" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,424.36 20.92	34.86
40 05 23 43-0203	EA		2-1/2" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,958.31 27.82	46.37
40 05 23 43-0204	EA		3" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	2,850.64 41.83	69.72
40 05 23 43-0205	EA		4" Strainer, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	3,636.59 66.93	111.55
<b>40 05 23 43-0206</b>			<b>Plug Valves</b> <small>(40 05 23 43-0153)</small>		
40 05 23 43-0207	EA		1/2" Plug Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	428.92 8.90	14.85
40 05 23 43-0208	EA		3/4" Plug Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	468.74 10.20	17.01
40 05 23 43-0209	EA		1" Plug Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	527.02 13.49	22.52
40 05 23 43-0210	EA		1-1/2" Plug Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	738.64 15.27	25.45
40 05 23 43-0211	EA		2" Plug Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	959.87 20.92	34.86
<b>40 05 23 43-0212</b>			<b>Cut And Prepare Existing Pipe In-Place</b> <small>(40 05 23 43-0011)</small>		
			<i>Note: For use when connecting pipe to an existing in-place system.</i>		
40 05 23 43-0213	EA		Cut And Prepare 1/2" Stainless Steel Pipe	13.46	
40 05 23 43-0214	EA		Cut And Prepare 3/4" Stainless Steel Pipe	14.54	
40 05 23 43-0215	EA		Cut And Prepare 1" Stainless Steel Pipe	16.35	
40 05 23 43-0216	EA		Cut And Prepare 1-1/4" Stainless Steel Pipe	17.16	
40 05 23 43-0217	EA		Cut And Prepare 1-1/2" Stainless Steel Pipe	18.17	
40 05 23 43-0218	EA		Cut And Prepare 2" Stainless Steel Pipe	19.52	
40 05 23 43-0219	EA		Cut And Prepare 2-1/2" Stainless Steel Pipe	20.86	
40 05 23 43-0220	EA		Cut And Prepare 3" Stainless Steel Pipe	22.88	
40 05 23 43-0221	EA		Cut And Prepare 4" Stainless Steel Pipe	24.90	
40 05 23 43-0222	EA		Cut And Prepare 6" Stainless Steel Pipe	26.92	
40 05 23 43-0223	EA		Cut And Prepare 8" Stainless Steel Pipe	28.94	
40 05 23 43-0224	EA		Cut And Prepare 10" Stainless Steel Pipe	31.63	
40 05 23 43-0225	EA		Cut And Prepare 12" Stainless Steel Pipe	34.32	
40 05 23 43-0226	EA		Cut And Prepare 14" Stainless Steel Pipe	37.01	
40 05 23 43-0227	EA		Cut And Prepare 16" Stainless Steel Pipe	39.70	
40 05 23 43-0228	EA		Cut And Prepare 18" Stainless Steel Pipe	41.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0229 EA Cut And Prepare 20" Stainless Steel Pipe .....	43.75	
40 05 23 43-0230 EA Cut And Prepare 24" Stainless Steel Pipe .....	46.44	
<b>40 05 23 43-0231 Stainless Steel Pipe And Fittings (40 05 23 43)</b>		
<b>40 05 23 43-0232 Type 304, Schedule 40 Pipe And 150 LB Threaded Fittings (40 05 23 43-0231)</b>		
<b>40 05 23 43-0233 Pipe (40 05 23 43-0232)</b>		
40 05 23 43-0234 LF 1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	10.69	2.99
For Work In Restricted Working Space, Add	1.79	
40 05 23 43-0235 LF 3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	13.15	3.76
For Work In Restricted Working Space, Add	2.25	
40 05 23 43-0236 LF 1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	16.19	4.53
For Work In Restricted Working Space, Add	2.70	
40 05 23 43-0237 LF 1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	19.48	5.23
For Work In Restricted Working Space, Add	3.15	
40 05 23 43-0238 LF 1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	22.56	5.93
For Work In Restricted Working Space, Add	3.58	
40 05 23 43-0239 LF 2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	28.83	7.53
For Work In Restricted Working Space, Add	4.50	
40 05 23 43-0240 LF 2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	39.24	8.92
For Work In Restricted Working Space, Add	5.36	
40 05 23 43-0241 LF 3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	49.32	11.22
For Work In Restricted Working Space, Add	6.75	
40 05 23 43-0242 LF 4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting .....	66.82	14.85
For Work In Restricted Working Space, Add	8.90	
<b>40 05 23 43-0243 90 Degree Elbows (40 05 23 43-0232)</b>		
40 05 23 43-0244 EA 1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	29.04	11.22
For Work In Restricted Working Space, Add	6.75	
40 05 23 43-0245 EA 3/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	37.11	14.85
For Work In Restricted Working Space, Add	8.90	
40 05 23 43-0246 EA 1" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	47.57	18.83
For Work In Restricted Working Space, Add	11.30	
40 05 23 43-0247 EA 1-1/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	66.48	25.79
For Work In Restricted Working Space, Add	15.49	
40 05 23 43-0248 EA 1-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	77.49	30.32
For Work In Restricted Working Space, Add	18.19	
40 05 23 43-0249 EA 2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	97.75	36.68
For Work In Restricted Working Space, Add	22.02	
40 05 23 43-0250 EA 2-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	183.46	58.07
For Work In Restricted Working Space, Add	34.86	
40 05 23 43-0251 EA 3" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	234.87	74.94
For Work In Restricted Working Space, Add	44.98	
40 05 23 43-0252 EA 4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	352.43	92.93
For Work In Restricted Working Space, Add	55.78	
<b>40 05 23 43-0253 45 Degree Elbows (40 05 23 43-0232)</b>		
40 05 23 43-0254 EA 1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	31.46	11.22
For Work In Restricted Working Space, Add	6.75	
40 05 23 43-0255 EA 3/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	39.39	14.85
For Work In Restricted Working Space, Add	8.90	
40 05 23 43-0256 EA 1" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	48.39	18.83
For Work In Restricted Working Space, Add	11.30	
40 05 23 43-0257 EA 1-1/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	65.50	25.79
For Work In Restricted Working Space, Add	15.49	
40 05 23 43-0258 EA 1-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	78.54	30.32
For Work In Restricted Working Space, Add	18.19	
40 05 23 43-0259 EA 2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	98.72	36.68
For Work In Restricted Working Space, Add	22.02	
40 05 23 43-0260 EA 2-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	203.83	58.07
For Work In Restricted Working Space, Add	34.86	
40 05 23 43-0261 EA 3" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	273.78	74.94
For Work In Restricted Working Space, Add	44.98	
40 05 23 43-0262 EA 4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304 .....	409.88	92.93
For Work In Restricted Working Space, Add	55.78	
<b>40 05 23 43-0263 Tees (40 05 23 43-0232)</b>		
40 05 23 43-0264 EA 1/2" Tee, Stainless Steel, Schedule 40 Type 304 .....	43.84	17.01
For Work In Restricted Working Space, Add	10.20	
40 05 23 43-0265 EA 3/4" Tee, Stainless Steel, Schedule 40 Type 304 .....	55.46	22.52
For Work In Restricted Working Space, Add	13.49	
40 05 23 43-0266 EA 1" Tee, Stainless Steel, Schedule 40 Type 304 .....	68.17	27.89
For Work In Restricted Working Space, Add	16.73	
40 05 23 43-0267 EA 1-1/4" Tee, Stainless Steel, Schedule 40 Type 304 .....	97.73	38.76
For Work In Restricted Working Space, Add	23.24	
40 05 23 43-0268 EA 1-1/2" Tee, Stainless Steel, Schedule 40 Type 304 .....	112.62	43.57
For Work In Restricted Working Space, Add	26.15	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0269	EA		2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	146.96 34.86	58.07
40 05 23 43-0270	EA		2-1/2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	269.80 50.40	84.01
40 05 23 43-0271	EA		3" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	379.80 67.47	112.46
40 05 23 43-0272	EA		4" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	528.51 83.66	139.44
<b>40 05 23 43-0273 Reducers</b> (40 05 23 43-0232)					
40 05 23 43-0274	EA		3/4" x 1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	35.84 8.90	14.85
40 05 23 43-0275	EA		1" x 3/4" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	46.80 11.30	18.83
40 05 23 43-0276	EA		1-1/4" x 1" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	70.31 15.49	25.79
40 05 23 43-0277	EA		1-1/2" x 1-1/4" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	81.22 18.19	30.32
40 05 23 43-0278	EA		2" x 1-1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	105.50 22.02	36.68
40 05 23 43-0279	EA		2-1/2" x 2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	183.66 34.86	58.07
40 05 23 43-0280	EA		3" x 2-1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	222.10 44.98	74.94
40 05 23 43-0281	EA		4" x 3" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	326.78 55.78	92.93
40 05 23 43-0282	EA		4" x 2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	273.90 51.24	85.40
<b>40 05 23 43-0283 Unions</b> (40 05 23 43-0232)					
40 05 23 43-0284	EA		1/2" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	47.67 10.20	17.01
40 05 23 43-0285	EA		3/4" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	63.69 13.49	22.52
40 05 23 43-0286	EA		1" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	82.95 16.73	27.89
40 05 23 43-0287	EA		1-1/4" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	127.41 23.24	38.76
40 05 23 43-0288	EA		1-1/2" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	145.86 26.15	43.57
40 05 23 43-0289	EA		2" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	190.32 34.86	58.07
<b>40 05 23 43-0290 Flanges</b> (40 05 23 43-0232)					
40 05 23 43-0291	EA		2-1/2" Flange, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	175.99 34.86	58.07
40 05 23 43-0292	EA		3" Flange, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	215.12 44.98	74.94
40 05 23 43-0293	EA		4" Flange, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	279.59 55.78	92.93
<b>40 05 23 43-0294 Caps</b> (40 05 23 43-0232)					
40 05 23 43-0295	EA		1/2" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	13.75 3.37	5.65
40 05 23 43-0296	EA		3/4" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	18.65 4.50	7.53
40 05 23 43-0297	EA		1" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	23.97 5.58	9.28
40 05 23 43-0298	EA		1-1/4" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	40.40 7.89	13.18
40 05 23 43-0299	EA		1-1/2" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	45.93 8.90	14.85
40 05 23 43-0300	EA		2" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	58.31 11.30	18.83
40 05 23 43-0301	EA		2-1/2" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	90.73 16.73	27.89
40 05 23 43-0302	EA		3" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	121.72 22.02	36.68
40 05 23 43-0303	EA		4" Caps, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	182.29 27.89	46.50
<b>40 05 23 43-0304 Additional Fittings</b> (40 05 23 43-0232)					
40 05 23 43-0305	EA		1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	56.69 14.01	23.35
40 05 23 43-0306	EA		3/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	66.31 16.73	27.89
40 05 23 43-0307	EA		1" Thread-O-Let, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	100.10 19.03	31.72





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0308 EA 1-1/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	120.33 20.92	34.86
40 05 23 43-0309 EA 1-1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	120.33 20.92	34.86
40 05 23 43-0310 EA 2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	154.11 23.01	38.35
<b>40 05 23 43-0311 Type 304 Schedule 5 Pipe And Welded Butt Fittings</b> <small>(40 05 23 43-0231)</small>		
<b>40 05 23 43-0312 Pipe</b> <small>(40 05 23 43-0311)</small>		
40 05 23 43-0313 LF 1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	11.81 1.76	2.92
40 05 23 43-0314 LF 3/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	14.00 2.15	3.57
40 05 23 43-0315 LF 1" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	16.67 2.51	4.22
40 05 23 43-0316 LF 1-1/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	19.94 3.14	5.26
40 05 23 43-0317 LF 1-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	22.72 3.54	5.91
40 05 23 43-0318 LF 2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	28.31 4.39	7.34
40 05 23 43-0319 LF 2-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	35.75 5.01	8.38
40 05 23 43-0320 LF 3" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	41.78 5.65	9.41
40 05 23 43-0321 LF 4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	51.61 6.68	11.17
40 05 23 43-0322 LF 6" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	83.64 8.78	14.68
40 05 23 43-0323 LF 8" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	134.42 15.35	23.88
40 05 23 43-0324 LF 10" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	173.54 16.88	26.25
40 05 23 43-0325 LF 12" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	198.66 18.76	29.20
40 05 23 43-0326 LF 14" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	245.19 21.10	32.82
40 05 23 43-0327 LF 16" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	269.63 24.11	37.51
40 05 23 43-0328 LF 18" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	301.65 28.13	43.76
40 05 23 43-0329 LF 20" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	404.70 33.76	52.52
40 05 23 43-0330 LF 24" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	528.15 42.20	65.65
<b>40 05 23 43-0331 90 Degree Elbows</b> <small>(40 05 23 43-0311)</small>		
40 05 23 43-0332 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	87.58 22.21	37.02
40 05 23 43-0333 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	92.84 23.58	39.30
40 05 23 43-0334 EA 1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	101.86 25.91	43.19
40 05 23 43-0335 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	118.98 28.26	47.09
40 05 23 43-0336 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	123.31 31.15	51.96
40 05 23 43-0337 EA 2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	141.77 34.70	57.81
40 05 23 43-0338 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	185.06 44.36	74.04
40 05 23 43-0339 EA 3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	220.03 51.93	86.72
40 05 23 43-0340 EA 4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	294.13 62.21	103.92
40 05 23 43-0341 EA 6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	507.26 77.82	129.90
40 05 23 43-0342 EA 8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	823.29 120.58	187.56
40 05 23 43-0343 EA 10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,403.42 160.77	250.08
40 05 23 43-0344 EA 12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,175.94 241.15	375.13
40 05 23 43-0345 EA 14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,789.72 281.34	437.64
40 05 23 43-0346 EA 16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,484.65 320.92	500.16
40 05 23 43-0347 EA 18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,445.12 401.92	625.20
40 05 23 43-0348 EA 20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	7,364.05 562.68	875.29

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0349	EA		24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	10,203.93 803.84	1,250.40
<b>40 05 23 43-0350</b>			<b>45 Degree Elbows</b> <small>(40 05 23 43-0311)</small>		
40 05 23 43-0351	EA		1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	93.52 22.21	37.02
40 05 23 43-0352	EA		3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	98.07 23.58	39.30
40 05 23 43-0353	EA		1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	108.32 25.91	43.19
40 05 23 43-0354	EA		1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	131.32 28.24	47.09
40 05 23 43-0355	EA		1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	123.88 31.19	51.96
40 05 23 43-0356	EA		2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	138.58 34.70	57.81
40 05 23 43-0357	EA		2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	186.08 44.41	74.04
40 05 23 43-0358	EA		3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	212.43 52.04	86.72
40 05 23 43-0359	EA		4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	276.69 62.29	103.92
40 05 23 43-0360	EA		6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	408.53 77.94	129.90
40 05 23 43-0361	EA		8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	662.18 120.58	187.56
40 05 23 43-0362	EA		10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,120.14 160.77	250.08
40 05 23 43-0363	EA		12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,733.32 241.15	375.13
40 05 23 43-0364	EA		14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,170.05 281.34	437.64
40 05 23 43-0365	EA		16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,689.72 320.92	500.16
40 05 23 43-0366	EA		18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,703.29 401.92	625.20
40 05 23 43-0367	EA		20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	6,399.15 562.68	875.29
40 05 23 43-0368	EA		24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	8,637.06 803.84	1,250.40
<b>40 05 23 43-0369</b>			<b>Tees</b> <small>(40 05 23 43-0311)</small>		
40 05 23 43-0370	EA		1/2" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	148.99 28.23	47.09
40 05 23 43-0371	EA		3/4" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	170.40 34.66	57.81
40 05 23 43-0372	EA		1" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	182.03 38.94	64.95
40 05 23 43-0373	EA		1-1/4" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	237.43 44.41	74.04
40 05 23 43-0374	EA		1-1/2" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	211.11 47.66	79.57
40 05 23 43-0375	EA		2" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	228.18 51.99	86.72
40 05 23 43-0376	EA		2-1/2" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	363.44 62.29	103.92
40 05 23 43-0377	EA		3" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	362.03 78.07	129.90
40 05 23 43-0378	EA		4" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	435.46 87.62	146.14
40 05 23 43-0379	EA		6" Tees, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	823.16 116.82	194.85
40 05 23 43-0380	EA		8" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,527.35 160.77	250.08
40 05 23 43-0381	EA		10" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,361.84 241.15	375.13
40 05 23 43-0382	EA		12" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,996.56 301.44	468.90
40 05 23 43-0383	EA		14" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,815.36 362.24	562.68
40 05 23 43-0384	EA		16" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,256.17 441.90	687.72
40 05 23 43-0385	EA		18" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	5,195.23 562.68	875.29
40 05 23 43-0386	EA		20" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	7,920.94 740.37	1,156.63
40 05 23 43-0387	EA		24" Tee, Stainless Steel Schedule 5 Type 304..... <i>For Work In Restricted Working Space, Add</i>	12,148.54 1,125.37	1,750.57
<b>40 05 23 43-0388</b>			<b>Reducers</b> <small>(40 05 23 43-0311)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0389 EA 3/4" Reducer, Stainless Steel Schedule 5 Type 304.....	97.84	35.73
<i>For Work In Restricted Working Space, Add</i>	21.45	
40 05 23 43-0390 EA 1" Reducer, Stainless Steel Schedule 5 Type 304.....	108.33	38.97
<i>For Work In Restricted Working Space, Add</i>	23.37	
40 05 23 43-0391 EA 1-1/4" Reducer, Stainless Steel Schedule 5 Type 304 .....	133.86	43.19
<i>For Work In Restricted Working Space, Add</i>	25.91	
40 05 23 43-0392 EA 1-1/2" Reducer, Stainless Steel Schedule 5 Type 304 .....	114.48	47.09
<i>For Work In Restricted Working Space, Add</i>	28.24	
40 05 23 43-0393 EA 2" Reducer, Stainless Steel Schedule 5 Type 304.....	125.99	51.96
<i>For Work In Restricted Working Space, Add</i>	31.19	
40 05 23 43-0394 EA 2-1/2" Reducer, Stainless Steel Schedule 5 Type 304 .....	163.29	64.95
<i>For Work In Restricted Working Space, Add</i>	38.97	
40 05 23 43-0395 EA 3" Reducer, Stainless Steel Schedule 5 Type 304.....	180.93	74.04
<i>For Work In Restricted Working Space, Add</i>	44.36	
40 05 23 43-0396 EA 4" Reducer, Stainless Steel Schedule 5 Type 304.....	210.58	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
40 05 23 43-0397 EA 6" Reducer, Stainless Steel Schedule 5 Type 304.....	271.46	110.41
<i>For Work In Restricted Working Space, Add</i>	66.19	
40 05 23 43-0398 EA 8" Reducer, Stainless Steel Schedule 5 Type 304.....	554.57	150.05
<i>For Work In Restricted Working Space, Add</i>	96.46	
40 05 23 43-0399 EA 10" Reducer, Stainless Steel Schedule 5 Type 304.....	726.03	187.56
<i>For Work In Restricted Working Space, Add</i>	120.58	
40 05 23 43-0400 EA 12" Reducer, Stainless Steel Schedule 5 Type 304.....	965.00	250.08
<i>For Work In Restricted Working Space, Add</i>	160.77	
40 05 23 43-0401 EA 14" Reducer, Stainless Steel Schedule 5 Type 304.....	1,282.09	328.23
<i>For Work In Restricted Working Space, Add</i>	211.01	
40 05 23 43-0402 EA 16" Reducer, Stainless Steel Schedule 5 Type 304.....	1,522.91	375.13
<i>For Work In Restricted Working Space, Add</i>	240.47	
40 05 23 43-0403 EA 18" Reducer, Stainless Steel Schedule 5 Type 304.....	1,893.35	468.90
<i>For Work In Restricted Working Space, Add</i>	301.44	
40 05 23 43-0404 EA 20" Reducer, Stainless Steel Schedule 5 Type 304.....	2,878.17	625.20
<i>For Work In Restricted Working Space, Add</i>	401.92	
40 05 23 43-0405 EA 24" Reducer, Stainless Steel Schedule 5 Type 304.....	4,517.08	937.81
<i>For Work In Restricted Working Space, Add</i>	602.88	
<b>40 05 23 43-0406 Weld Neck Flanges (40 05 23 43-0311)</b>		
40 05 23 43-0407 EA 1/2" Flanges, Stainless Steel Schedule 5 Type 304 .....	56.70	14.94
<i>For Work In Restricted Working Space, Add</i>	8.97	
40 05 23 43-0408 EA 3/4" Flanges, Stainless Steel Schedule 5 Type 304 .....	59.30	16.23
<i>For Work In Restricted Working Space, Add</i>	9.75	
40 05 23 43-0409 EA 1" Flanges, Stainless Steel Schedule 5 Type 304 .....	70.35	21.76
<i>For Work In Restricted Working Space, Add</i>	13.06	
40 05 23 43-0410 EA 1-1/4" Flanges, Stainless Steel Schedule 5 Type 304.....	78.53	22.74
<i>For Work In Restricted Working Space, Add</i>	13.64	
40 05 23 43-0411 EA 1-1/2" Flanges, Stainless Steel Schedule 5 Type 304.....	91.28	25.98
<i>For Work In Restricted Working Space, Add</i>	15.59	
40 05 23 43-0412 EA 2" Flanges, Stainless Steel Schedule 5 Type 304 .....	109.35	29.23
<i>For Work In Restricted Working Space, Add</i>	17.52	
40 05 23 43-0413 EA 2-1/2" Flanges, Stainless Steel Schedule 5 Type 304.....	148.84	37.35
<i>For Work In Restricted Working Space, Add</i>	22.41	
40 05 23 43-0414 EA 3" Flanges, Stainless Steel Schedule 5 Type 304 .....	164.08	43.19
<i>For Work In Restricted Working Space, Add</i>	25.90	
40 05 23 43-0415 EA 4" Flanges, Stainless Steel Schedule 5 Type 304 .....	225.04	58.45
<i>For Work In Restricted Working Space, Add</i>	35.07	
40 05 23 43-0416 EA 6" Flanges, Stainless Steel Schedule 5 Type 304 .....	341.28	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
40 05 23 43-0417 EA 8" Flange, Stainless Steel Schedule 5 Type 304.....	622.17	93.78
<i>For Work In Restricted Working Space, Add</i>	60.29	
40 05 23 43-0418 EA 10" Flange, Stainless Steel Schedule 5 Type 304 .....	963.94	109.41
<i>For Work In Restricted Working Space, Add</i>	70.34	
40 05 23 43-0419 EA 12" Flange, Stainless Steel Schedule 5 Type 304 .....	1,345.11	125.04
<i>For Work In Restricted Working Space, Add</i>	80.38	
40 05 23 43-0420 EA 14" Flange, Stainless Steel Schedule 5 Type 304.....	1,787.41	156.30
<i>For Work In Restricted Working Space, Add</i>	100.48	
40 05 23 43-0421 EA 16" Flange, Stainless Steel Schedule 5 Type 304 .....	2,399.08	187.56
<i>For Work In Restricted Working Space, Add</i>	120.58	
40 05 23 43-0422 EA 18" Flange, Stainless Steel Schedule 5 Type 304 .....	2,483.53	218.82
<i>For Work In Restricted Working Space, Add</i>	140.67	
40 05 23 43-0423 EA 20" Flange, Stainless Steel Schedule 5 Type 304 .....	3,437.12	265.71
<i>For Work In Restricted Working Space, Add</i>	170.86	
40 05 23 43-0424 EA 24" Flange, Stainless Steel Schedule 5 Type 304 .....	7,802.73	343.86
<i>For Work In Restricted Working Space, Add</i>	220.95	
<b>40 05 23 43-0425 Slip-On Flanges (40 05 23 43-0311)</b>		
40 05 23 43-0426 EA 1/2" Flange, Stainless Steel Schedule 5 Type 304 .....	92.87	32.48
<i>For Work In Restricted Working Space, Add</i>	19.49	
40 05 23 43-0427 EA 3/4" Flange, Stainless Steel Schedule 5 Type 304 .....	96.63	32.48
<i>For Work In Restricted Working Space, Add</i>	19.49	
40 05 23 43-0428 EA 1" Flange, Stainless Steel Schedule 5 Type 304.....	113.88	39.94
<i>For Work In Restricted Working Space, Add</i>	23.98	
40 05 23 43-0429 EA 1-1/4" Flange, Stainless Steel Schedule 5 Type 304.....	125.69	43.19
<i>For Work In Restricted Working Space, Add</i>	25.91	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0430	EA		1-1/2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	140.43 28.46	47.42
40 05 23 43-0431	EA		2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	164.59 31.15	51.96
40 05 23 43-0432	EA		2-1/2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	204.48 35.07	58.45
40 05 23 43-0433	EA		3" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	223.63 38.94	64.95
40 05 23 43-0434	EA		4" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	305.40 52.21	87.03
40 05 23 43-0435	EA		6" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	463.12 77.82	129.90
40 05 23 43-0436	EA		8" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,351.72 120.58	187.56
<b>40 05 23 43-0437</b>			<b>Caps</b> (40 05 23 43-0311)		
40 05 23 43-0438	EA		1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	47.70 8.97	14.94
40 05 23 43-0439	EA		3/4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	52.77 9.75	16.23
40 05 23 43-0440	EA		1" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	65.99 12.86	21.43
40 05 23 43-0441	EA		1-1/4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	71.34 13.64	22.74
40 05 23 43-0442	EA		1-1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	79.69 15.59	25.98
40 05 23 43-0443	EA		2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	87.06 17.52	29.23
40 05 23 43-0444	EA		2-1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	107.97 22.41	37.35
40 05 23 43-0445	EA		3" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	123.31 25.90	43.19
40 05 23 43-0446	EA		4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	180.28 34.67	57.81
40 05 23 43-0447	EA		6" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	239.85 51.99	86.72
<b>40 05 23 43-0448</b>			<b>Reducing Tees</b> (40 05 23 43-0311)		
40 05 23 43-0449	EA		3/4" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	128.02 23.59	47.09
40 05 23 43-0450	EA		1" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	145.75 28.90	57.81
40 05 23 43-0451	EA		1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	174.38 32.48	64.95
40 05 23 43-0452	EA		1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	171.32 37.02	74.04
40 05 23 43-0453	EA		2" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	186.77 39.78	79.57
40 05 23 43-0454	EA		2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	279.91 43.36	86.72
40 05 23 43-0455	EA		3" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	266.96 51.97	103.92
40 05 23 43-0456	EA		4" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	351.90 64.95	129.90
40 05 23 43-0457	EA		6" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	653.55 74.21	148.42
40 05 23 43-0458	EA		8" Reducing Tee, Stainless Steel Schedule 5 Type 304L <i>For Work In Restricted Working Space, Add</i>	1,185.27 100.48	187.56
40 05 23 43-0459	EA		10" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,925.44 133.97	250.08
40 05 23 43-0460	EA		12" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,561.13 200.96	375.13
40 05 23 43-0461	EA		14" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,272.99 241.43	450.77
40 05 23 43-0462	EA		16" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,624.85 294.50	549.86
40 05 23 43-0463	EA		18" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,405.99 375.12	700.23
40 05 23 43-0464	EA		20" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	6,821.28 493.58	921.24
40 05 23 43-0465	EA		24" Reducing Tee, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	10,474.01 749.58	1,399.83
<b>40 05 23 43-0466</b>			<b>Type 304 Schedule 10 Pipe And Welded Butt Fittings</b> (40 05 23 43-0231)		
<b>40 05 23 43-0467</b>			<b>Pipe</b> (40 05 23 43-0466)		
40 05 23 43-0468	LF		1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	11.95 1.76	2.92
40 05 23 43-0469	LF		3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	14.21 2.15	3.57



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0470 LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	18.90 2.51	4.22
40 05 23 43-0471 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	23.06 3.14	5.26
40 05 23 43-0472 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	25.64 3.54	5.91
40 05 23 43-0473 LF 2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	31.71 4.39	7.34
40 05 23 43-0474 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	37.96 5.01	8.38
40 05 23 43-0475 LF 3" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	44.87 5.65	9.41
40 05 23 43-0476 LF 4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	56.44 6.68	11.17
40 05 23 43-0477 LF 6" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	82.58 8.78	14.68
40 05 23 43-0478 LF 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	132.80 15.35	23.88
40 05 23 43-0479 LF 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	171.25 16.88	26.25
40 05 23 43-0480 LF 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	205.82 18.76	29.20
40 05 23 43-0481 LF 14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	254.40 21.10	32.82
40 05 23 43-0482 LF 16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	279.59 24.11	37.51
40 05 23 43-0483 LF 18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	312.59 28.13	43.76
40 05 23 43-0484 LF 20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	437.15 33.76	52.52
40 05 23 43-0485 LF 24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	571.21 42.20	65.65
<b>40 05 23 43-0486 90 Degree Elbows (40 05 23 43-0466)</b>		
40 05 23 43-0487 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	84.92 22.21	37.02
40 05 23 43-0488 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	89.47 23.58	39.30
40 05 23 43-0489 EA 1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	97.26 25.91	43.19
40 05 23 43-0490 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	110.05 28.27	47.09
40 05 23 43-0491 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	124.09 31.16	51.96
40 05 23 43-0492 EA 2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	136.93 34.70	57.81
40 05 23 43-0493 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	178.03 44.38	74.04
40 05 23 43-0494 EA 3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	211.14 51.96	86.72
40 05 23 43-0495 EA 4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	278.35 62.25	103.92
40 05 23 43-0496 EA 6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	461.65 77.78	129.90
40 05 23 43-0497 EA 8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	863.68 120.58	187.56
40 05 23 43-0498 EA 10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,392.52 160.77	250.08
40 05 23 43-0499 EA 12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,147.69 241.15	375.13
40 05 23 43-0500 EA 14" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,755.21 281.34	437.64
40 05 23 43-0501 EA 16" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,439.07 320.92	500.16
40 05 23 43-0502 EA 18" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,383.00 401.92	625.20
40 05 23 43-0503 EA 20" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	7,266.74 562.68	875.29
40 05 23 43-0504 EA 24" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	10,061.21 803.84	1,250.40
<b>40 05 23 43-0505 45 Degree Elbows (40 05 23 43-0466)</b>		
40 05 23 43-0506 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	89.38 22.21	37.02
40 05 23 43-0507 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	93.93 23.58	39.30
40 05 23 43-0508 EA 1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	101.72 25.91	43.19
40 05 23 43-0509 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	111.31 28.25	47.09
40 05 23 43-0510 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	121.50 31.19	51.96

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

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VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0511	EA		2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	144.86 34.70	57.81
40 05 23 43-0512	EA		2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	177.46 44.41	74.04
40 05 23 43-0513	EA		3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	204.06 52.02	86.72
40 05 23 43-0514	EA		4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	261.64 62.31	103.92
40 05 23 43-0515	EA		6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	375.05 77.94	129.90
40 05 23 43-0516	EA		8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	754.60 120.58	187.56
40 05 23 43-0517	EA		10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,116.87 160.77	250.08
40 05 23 43-0518	EA		12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,730.54 241.15	375.13
40 05 23 43-0519	EA		14" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,166.40 281.34	437.64
40 05 23 43-0520	EA		16" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,684.45 320.92	500.16
40 05 23 43-0521	EA		18" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,696.37 401.92	625.20
40 05 23 43-0522	EA		20" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	6,389.78 562.68	875.29
40 05 23 43-0523	EA		24" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	8,617.57 803.84	1,250.40
<b>40 05 23 43-0524 Tees</b> <small>(40 05 23 43-0466)</small>					
40 05 23 43-0525	EA		1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	130.60 28.23	47.09
40 05 23 43-0526	EA		3/4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	152.01 34.66	57.81
40 05 23 43-0527	EA		1" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	166.29 38.94	64.95
40 05 23 43-0528	EA		1-1/4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	188.23 44.43	74.04
40 05 23 43-0529	EA		1-1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	200.29 47.68	79.57
40 05 23 43-0530	EA		2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	237.78 52.00	86.72
40 05 23 43-0531	EA		2-1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	286.76 62.31	103.92
40 05 23 43-0532	EA		3" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	372.04 78.04	129.90
40 05 23 43-0533	EA		4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	413.63 87.60	146.14
40 05 23 43-0534	EA		6" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	727.80 116.90	194.85
40 05 23 43-0535	EA		8" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,182.51 160.77	250.08
40 05 23 43-0536	EA		10" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,732.60 241.15	375.13
40 05 23 43-0537	EA		12" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,017.11 301.44	468.90
40 05 23 43-0538	EA		14" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,844.13 362.24	562.68
40 05 23 43-0539	EA		16" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,285.09 441.90	687.72
40 05 23 43-0540	EA		18" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	5,229.48 562.68	875.29
40 05 23 43-0541	EA		20" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	7,977.75 740.37	1,156.63
40 05 23 43-0542	EA		24" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	12,235.57 1,125.37	1,750.57
<b>40 05 23 43-0543 Reducers</b> <small>(40 05 23 43-0466)</small>					
40 05 23 43-0544	EA		3/4" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	99.23 21.45	35.73
40 05 23 43-0545	EA		1" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	109.94 23.38	38.97
40 05 23 43-0546	EA		1-1/4" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	136.37 25.91	43.19
40 05 23 43-0547	EA		1-1/2" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	115.52 28.23	47.09
40 05 23 43-0548	EA		2" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	127.12 31.18	51.96
40 05 23 43-0549	EA		2-1/2" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	165.03 38.96	64.95
40 05 23 43-0550	EA		3" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	182.70 44.38	74.04
40 05 23 43-0551	EA		4" Reducer, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	212.54 51.99	86.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0552 EA 6" Reducer, Stainless Steel Schedule 10 Type 304.....	274.16	110.41
For Work In Restricted Working Space, Add	66.20	
40 05 23 43-0553 EA 8" Reducer, Stainless Steel Schedule 10 Type 304.....	566.84	150.05
For Work In Restricted Working Space, Add	96.46	
40 05 23 43-0554 EA 10" Reducer, Stainless Steel Schedule 10 Type 304.....	743.08	187.56
For Work In Restricted Working Space, Add	120.58	
40 05 23 43-0555 EA 12" Reducer, Stainless Steel Schedule 10 Type 304.....	987.58	250.08
For Work In Restricted Working Space, Add	160.77	
40 05 23 43-0556 EA 14" Reducer, Stainless Steel Schedule 10 Type 304.....	1,312.55	328.23
For Work In Restricted Working Space, Add	211.01	
40 05 23 43-0557 EA 16" Reducer, Stainless Steel Schedule 10 Type 304.....	1,561.56	375.13
For Work In Restricted Working Space, Add	240.67	
40 05 23 43-0558 EA 18" Reducer, Stainless Steel Schedule 10 Type 304.....	1,940.12	468.90
For Work In Restricted Working Space, Add	301.44	
40 05 23 43-0559 EA 20" Reducer, Stainless Steel Schedule 10 Type 304.....	2,959.15	625.20
For Work In Restricted Working Space, Add	401.92	
40 05 23 43-0560 EA 24" Reducer, Stainless Steel Schedule 10 Type 304.....	4,649.05	937.81
For Work In Restricted Working Space, Add	602.88	
<b>40 05 23 43-0561 Flanges</b> <small>(40 05 23 43-0466)</small>		
40 05 23 43-0562 EA 1/2" Flanges, Stainless Steel Schedule 10 Type 304.....	58.11	14.94
For Work In Restricted Working Space, Add	8.97	
40 05 23 43-0563 EA 3/4" Flanges, Stainless Steel Schedule 10 Type 304.....	60.71	16.23
For Work In Restricted Working Space, Add	9.75	
40 05 23 43-0564 EA 1" Flanges, Stainless Steel Schedule 10 Type 304.....	71.75	21.76
For Work In Restricted Working Space, Add	13.06	
40 05 23 43-0565 EA 1-1/4" Flanges, Stainless Steel Schedule 10 Type 304.....	80.27	22.74
For Work In Restricted Working Space, Add	13.64	
40 05 23 43-0566 EA 1-1/2" Flanges, Stainless Steel Schedule 10 Type 304.....	93.35	25.98
For Work In Restricted Working Space, Add	15.99	
40 05 23 43-0567 EA 2" Flanges, Stainless Steel Schedule 10 Type 304.....	112.04	29.23
For Work In Restricted Working Space, Add	17.53	
40 05 23 43-0568 EA 2-1/2" Flanges, Stainless Steel Schedule 10 Type 304.....	152.76	37.35
For Work In Restricted Working Space, Add	22.41	
40 05 23 43-0569 EA 3" Flanges, Stainless Steel Schedule 10 Type 304.....	168.16	43.19
For Work In Restricted Working Space, Add	25.90	
40 05 23 43-0570 EA 4" Flanges, Stainless Steel Schedule 10 Type 304.....	230.74	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-0571 EA 6" Flanges, Stainless Steel Schedule 10 Type 304.....	350.09	86.72
For Work In Restricted Working Space, Add	51.98	
40 05 23 43-0572 EA 8" Flange, Stainless Steel Schedule 10 Type 304.....	644.33	93.78
For Work In Restricted Working Space, Add	60.29	
40 05 23 43-0573 EA 10" Flange, Stainless Steel Schedule 10 Type 304.....	1,002.33	109.41
For Work In Restricted Working Space, Add	70.34	
40 05 23 43-0574 EA 12" Flange, Stainless Steel Schedule 10 Type 304.....	1,401.81	125.04
For Work In Restricted Working Space, Add	80.38	
40 05 23 43-0575 EA 14" Flange, Stainless Steel Schedule 10 Type 304.....	1,863.86	156.30
For Work In Restricted Working Space, Add	100.48	
40 05 23 43-0576 EA 16" Flange, Stainless Steel Schedule 10 Type 304.....	2,504.20	187.56
For Work In Restricted Working Space, Add	120.58	
40 05 23 43-0577 EA 18" Flange, Stainless Steel Schedule 10 Type 304.....	2,589.57	218.82
For Work In Restricted Working Space, Add	140.67	
40 05 23 43-0578 EA 20" Flange, Stainless Steel Schedule 10 Type 304.....	3,588.04	265.71
For Work In Restricted Working Space, Add	170.86	
40 05 23 43-0579 EA 24" Flange, Stainless Steel Schedule 10 Type 304.....	8,174.63	343.86
For Work In Restricted Working Space, Add	220.95	
<b>40 05 23 43-0580 Slip-On Flanges</b> <small>(40 05 23 43-0466)</small>		
40 05 23 43-0581 EA 1/2" Flange, Stainless Steel Schedule 10 Type 304.....	94.34	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-0582 EA 3/4" Flange, Stainless Steel Schedule 10 Type 304.....	98.30	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-0583 EA 1" Flange, Stainless Steel Schedule 10 Type 304.....	115.66	39.94
For Work In Restricted Working Space, Add	23.98	
40 05 23 43-0584 EA 1-1/4" Flange, Stainless Steel Schedule 10 Type 304.....	127.76	43.19
For Work In Restricted Working Space, Add	25.91	
40 05 23 43-0585 EA 1-1/2" Flange, Stainless Steel Schedule 10 Type 304.....	142.81	47.42
For Work In Restricted Working Space, Add	28.45	
40 05 23 43-0586 EA 2" Flange, Stainless Steel Schedule 10 Type 304.....	167.82	51.96
For Work In Restricted Working Space, Add	31.16	
40 05 23 43-0587 EA 2-1/2" Flange, Stainless Steel Schedule 10 Type 304.....	209.10	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-0588 EA 3" Flange, Stainless Steel Schedule 10 Type 304.....	228.58	64.95
For Work In Restricted Working Space, Add	38.94	
40 05 23 43-0589 EA 4" Flange, Stainless Steel Schedule 10 Type 304.....	312.34	87.03
For Work In Restricted Working Space, Add	52.22	
40 05 23 43-0590 EA 6" Flange, Stainless Steel Schedule 10 Type 304.....	474.00	129.90
For Work In Restricted Working Space, Add	77.87	
40 05 23 43-0591 EA 8" Flange, Stainless Steel Schedule 10 Type 304.....	1,401.71	187.56
For Work In Restricted Working Space, Add	120.58	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0592			<b>Caps</b> (40 05 23 43-0466)		
40 05 23 43-0593	EA		1/2" Cap, Stainless Steel Schedule 10 Type 304.....	48.64	14.94
			<i>For Work In Restricted Working Space, Add</i>	8.97	
40 05 23 43-0594	EA		3/4" Cap, Stainless Steel Schedule 10 Type 304.....	53.84	16.23
			<i>For Work In Restricted Working Space, Add</i>	9.75	
40 05 23 43-0595	EA		1" Cap, Stainless Steel Schedule 10 Type 304.....	67.20	21.43
			<i>For Work In Restricted Working Space, Add</i>	12.86	
40 05 23 43-0596	EA		1-1/4" Cap, Stainless Steel Schedule 10 Type 304.....	72.70	22.74
			<i>For Work In Restricted Working Space, Add</i>	13.64	
40 05 23 43-0597	EA		1-1/2" Cap, Stainless Steel Schedule 10 Type 304.....	81.16	25.98
			<i>For Work In Restricted Working Space, Add</i>	15.59	
40 05 23 43-0598	EA		2" Cap, Stainless Steel Schedule 10 Type 304.....	88.58	29.23
			<i>For Work In Restricted Working Space, Add</i>	17.53	
40 05 23 43-0599	EA		2-1/2" Cap, Stainless Steel Schedule 10 Type 304.....	109.73	37.35
			<i>For Work In Restricted Working Space, Add</i>	22.41	
40 05 23 43-0600	EA		3" Cap, Stainless Steel Schedule 10 Type 304.....	125.24	43.19
			<i>For Work In Restricted Working Space, Add</i>	25.90	
40 05 23 43-0601	EA		4" Cap, Stainless Steel Schedule 10 Type 304.....	183.72	57.81
			<i>For Work In Restricted Working Space, Add</i>	34.68	
40 05 23 43-0602	EA		6" Cap, Stainless Steel Schedule 10 Type 304.....	243.32	86.72
			<i>For Work In Restricted Working Space, Add</i>	51.98	
40 05 23 43-0603			<b>Reducing Tees</b> (40 05 23 43-0466)		
40 05 23 43-0604	EA		3/4" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	131.93	47.09
			<i>For Work In Restricted Working Space, Add</i>	23.59	
40 05 23 43-0605	EA		1" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	163.08	57.81
			<i>For Work In Restricted Working Space, Add</i>	28.90	
40 05 23 43-0606	EA		1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	181.73	64.95
			<i>For Work In Restricted Working Space, Add</i>	32.48	
40 05 23 43-0607	EA		1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	203.64	74.04
			<i>For Work In Restricted Working Space, Add</i>	37.02	
40 05 23 43-0608	EA		2" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	226.79	79.57
			<i>For Work In Restricted Working Space, Add</i>	39.78	
40 05 23 43-0609	EA		2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	333.48	86.72
			<i>For Work In Restricted Working Space, Add</i>	43.36	
40 05 23 43-0610	EA		3" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	336.73	103.92
			<i>For Work In Restricted Working Space, Add</i>	51.97	
40 05 23 43-0611	EA		4" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	416.72	129.90
			<i>For Work In Restricted Working Space, Add</i>	64.95	
40 05 23 43-0612	EA		6" Reducing Tees, Stainless Steel Schedule 10 Type 304.....	741.43	148.42
			<i>For Work In Restricted Working Space, Add</i>	74.21	
40 05 23 43-0613	EA		8" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	1,279.75	187.56
			<i>For Work In Restricted Working Space, Add</i>	100.48	
40 05 23 43-0614	EA		10" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	2,771.10	250.08
			<i>For Work In Restricted Working Space, Add</i>	133.97	
40 05 23 43-0615	EA		12" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	3,610.20	375.13
			<i>For Work In Restricted Working Space, Add</i>	200.96	
40 05 23 43-0616	EA		14" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	4,657.35	450.77
			<i>For Work In Restricted Working Space, Add</i>	241.43	
40 05 23 43-0617	EA		16" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	5,090.59	549.86
			<i>For Work In Restricted Working Space, Add</i>	294.50	
40 05 23 43-0618	EA		18" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	6,150.97	700.23
			<i>For Work In Restricted Working Space, Add</i>	375.12	
40 05 23 43-0619	EA		20" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	8,174.33	921.36
			<i>For Work In Restricted Working Space, Add</i>	493.58	
40 05 23 43-0620	EA		24" Reducing Tee, Stainless Steel Schedule 10 Type 304.....	12,232.63	1,399.71
			<i>For Work In Restricted Working Space, Add</i>	749.58	
40 05 23 43-0621			<b>Type 304 Schedule 40 Pipe And Welded Butt Fittings</b> (40 05 23 43-0231)		
40 05 23 43-0622			<b>Pipe</b> (40 05 23 43-0621)		
40 05 23 43-0623	LF		1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	13.45	2.92
			<i>For Work In Restricted Working Space, Add</i>	1.76	
40 05 23 43-0624	LF		3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	16.34	3.57
			<i>For Work In Restricted Working Space, Add</i>	2.15	
40 05 23 43-0625	LF		1" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	20.04	4.22
			<i>For Work In Restricted Working Space, Add</i>	2.51	
40 05 23 43-0626	LF		1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	25.06	5.20
			<i>For Work In Restricted Working Space, Add</i>	3.14	
40 05 23 43-0627	LF		1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	28.89	5.85
			<i>For Work In Restricted Working Space, Add</i>	3.54	
40 05 23 43-0628	LF		2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	37.06	7.47
			<i>For Work In Restricted Working Space, Add</i>	4.39	
40 05 23 43-0629	LF		2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	46.12	8.44
			<i>For Work In Restricted Working Space, Add</i>	5.01	
40 05 23 43-0630	LF		3" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	44.72	9.41
			<i>For Work In Restricted Working Space, Add</i>	5.65	
40 05 23 43-0631	LF		4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	74.64	11.04
			<i>For Work In Restricted Working Space, Add</i>	6.68	
40 05 23 43-0632	LF		6" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	116.74	14.61
			<i>For Work In Restricted Working Space, Add</i>	8.78	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0633 LF 8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	201.12 15.35	23.76
40 05 23 43-0634 LF 10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	256.23 16.88	26.25
40 05 23 43-0635 LF 12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	320.80 18.76	29.08
<b>40 05 23 43-0636 90 Degree Elbows</b> <small>(40 05 23 43-0621)</small>		
40 05 23 43-0637 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	89.80 22.21	37.02
40 05 23 43-0638 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	94.35 23.58	39.30
40 05 23 43-0639 EA 1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	104.26 25.91	43.19
40 05 23 43-0640 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	120.95 28.27	47.09
40 05 23 43-0641 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	126.16 31.16	51.96
40 05 23 43-0642 EA 2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	145.42 34.70	57.81
40 05 23 43-0643 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	209.90 44.38	74.04
40 05 23 43-0644 EA 3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	257.29 51.96	86.72
40 05 23 43-0645 EA 4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	356.23 62.25	103.92
40 05 23 43-0646 EA 6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	755.00 77.78	129.90
40 05 23 43-0647 EA 8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,234.04 120.58	187.56
40 05 23 43-0648 EA 10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,297.50 160.77	250.08
40 05 23 43-0649 EA 12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,238.22 241.15	375.13
<b>40 05 23 43-0650 45 Degree</b> <small>(40 05 23 43-0621)</small>		
40 05 23 43-0651 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	96.35 22.21	37.02
40 05 23 43-0652 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	100.90 23.58	39.30
40 05 23 43-0653 EA 1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	108.69 25.91	43.19
40 05 23 43-0654 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	116.46 28.25	47.09
40 05 23 43-0655 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	133.70 31.19	51.96
40 05 23 43-0656 EA 2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	146.93 34.70	57.81
40 05 23 43-0657 EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	207.35 44.41	74.04
40 05 23 43-0658 EA 3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	232.72 52.02	86.72
40 05 23 43-0659 EA 4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	312.16 62.31	103.92
40 05 23 43-0660 EA 6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	557.25 77.94	129.90
40 05 23 43-0661 EA 8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	950.76 120.58	187.56
40 05 23 43-0662 EA 10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,589.32 160.77	250.08
40 05 23 43-0663 EA 12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,167.09 241.15	375.13
<b>40 05 23 43-0664 Tees</b> <small>(40 05 23 43-0621)</small>		
40 05 23 43-0665 EA 1/2" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	146.34 28.23	47.09
40 05 23 43-0666 EA 3/4" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	167.75 34.66	57.81
40 05 23 43-0667 EA 1" Tees, Stainless Steel Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	182.03 38.94	64.95
40 05 23 43-0668 EA 1-1/4" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	232.19 44.43	74.04
40 05 23 43-0669 EA 1-1/2" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	211.17 47.68	79.57
40 05 23 43-0670 EA 2" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	228.20 52.00	86.72
40 05 23 43-0671 EA 2-1/2" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	356.42 62.31	103.92
40 05 23 43-0672 EA 3" Tees, Stainless Steel Schedule 40 Type 304 ..... <i>For Work In Restricted Working Space, Add</i>	378.76 78.04	129.90

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

**ARLINGTON**  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0673 EA 4" Tees, Stainless Steel Schedule 40 Type 304 .....	453.11	146.14
For Work In Restricted Working Space, Add	87.60	
40 05 23 43-0674 EA 6" Tees, Stainless Steel Schedule 40 Type 304 .....	873.02	194.85
For Work In Restricted Working Space, Add	116.90	
40 05 23 43-0675 EA 8" Tee, Stainless Steel Schedule 40 Type 304 .....	1,837.18	250.08
For Work In Restricted Working Space, Add	160.77	
40 05 23 43-0676 EA 10" Tee, Stainless Steel Schedule 40 Type 304 .....	3,282.48	375.13
For Work In Restricted Working Space, Add	241.15	
40 05 23 43-0677 EA 12" Tee, Stainless Steel Schedule 40 Type 304 .....	4,103.10	468.90
For Work In Restricted Working Space, Add	301.44	
<b>40 05 23 43-0678 Reducers (40 05 23 43-0621)</b>		
40 05 23 43-0679 EA 3/4" Reducer, Stainless Steel Schedule 40 Type 304 .....	102.56	35.73
For Work In Restricted Working Space, Add	21.45	
40 05 23 43-0680 EA 1" Reducer, Stainless Steel Schedule 40 Type 304 .....	113.78	38.97
For Work In Restricted Working Space, Add	23.37	
40 05 23 43-0681 EA 1-1/4" Reducer, Stainless Steel Schedule 40 Type 304 .....	142.36	43.19
For Work In Restricted Working Space, Add	25.91	
40 05 23 43-0682 EA 1-1/2" Reducer, Stainless Steel Schedule 40 Type 304 .....	118.12	47.09
For Work In Restricted Working Space, Add	28.24	
40 05 23 43-0683 EA 2" Reducer, Stainless Steel Schedule 40 Type 304 .....	129.93	51.96
For Work In Restricted Working Space, Add	31.19	
40 05 23 43-0684 EA 2-1/2" Reducer, Stainless Steel Schedule 40 Type 304 .....	169.27	64.95
For Work In Restricted Working Space, Add	38.97	
40 05 23 43-0685 EA 3" Reducer, Stainless Steel Schedule 40 Type 304 .....	186.84	74.04
For Work In Restricted Working Space, Add	44.36	
40 05 23 43-0686 EA 4" Reducer, Stainless Steel Schedule 40 Type 304 .....	217.25	86.72
For Work In Restricted Working Space, Add	51.99	
40 05 23 43-0687 EA 6" Reducer, Stainless Steel Schedule 40 Type 304 .....	280.56	110.41
For Work In Restricted Working Space, Add	66.19	
40 05 23 43-0688 EA 8" Reducer, Stainless Steel Schedule 40 Type 304 .....	596.27	150.05
For Work In Restricted Working Space, Add	96.46	
40 05 23 43-0689 EA 10" Reducer, Stainless Steel Schedule 40 Type 304 .....	784.02	187.56
For Work In Restricted Working Space, Add	120.58	
40 05 23 43-0690 EA 12" Reducer, Stainless Steel Schedule 40 Type 304 .....	1,041.79	250.08
For Work In Restricted Working Space, Add	160.77	
<b>40 05 23 43-0691 Flanges (40 05 23 43-0621)</b>		
40 05 23 43-0692 EA 1/2" Flanges, Stainless Steel Schedule 40 Type 304 .....	61.49	14.94
For Work In Restricted Working Space, Add	8.97	
40 05 23 43-0693 EA 3/4" Flanges, Stainless Steel Schedule 40 Type 304 .....	64.09	16.23
For Work In Restricted Working Space, Add	9.75	
40 05 23 43-0694 EA 1" Flanges, Stainless Steel Schedule 40 Type 304 .....	75.13	21.76
For Work In Restricted Working Space, Add	13.06	
40 05 23 43-0695 EA 1-1/4" Flanges, Stainless Steel Schedule 40 Type 304 .....	84.45	22.74
For Work In Restricted Working Space, Add	13.64	
40 05 23 43-0696 EA 1-1/2" Flanges, Stainless Steel Schedule 40 Type 304 .....	98.31	25.98
For Work In Restricted Working Space, Add	15.59	
40 05 23 43-0697 EA 2" Flanges, Stainless Steel Schedule 40 Type 304 .....	118.48	29.23
For Work In Restricted Working Space, Add	17.53	
40 05 23 43-0698 EA 2-1/2" Flanges, Stainless Steel Schedule 40 Type 304 .....	162.12	37.35
For Work In Restricted Working Space, Add	22.41	
40 05 23 43-0699 EA 3" Flanges, Stainless Steel Schedule 40 Type 304 .....	177.98	43.19
For Work In Restricted Working Space, Add	25.90	
40 05 23 43-0700 EA 4" Flanges, Stainless Steel Schedule 40 Type 304 .....	244.40	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-0701 EA 6" Flanges, Stainless Steel Schedule 40 Type 304 .....	371.30	86.72
For Work In Restricted Working Space, Add	51.98	
40 05 23 43-0702 EA 8" Flange, Stainless Steel Schedule 40 Type 304 .....	697.54	93.78
For Work In Restricted Working Space, Add	60.29	
40 05 23 43-0703 EA 10" Flange, Stainless Steel Schedule 40 Type 304 .....	1,094.48	109.41
For Work In Restricted Working Space, Add	70.34	
40 05 23 43-0704 EA 12" Flange, Stainless Steel Schedule 40 Type 304 .....	1,537.87	125.04
For Work In Restricted Working Space, Add	80.38	
<b>40 05 23 43-0705 Slip-On Flanges (40 05 23 43-0621)</b>		
40 05 23 43-0706 EA 1/2" Flange, Stainless Steel Schedule 40 Type 304 .....	97.86	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-0707 EA 3/4" Flange, Stainless Steel Schedule 40 Type 304 .....	102.30	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-0708 EA 1" Flange, Stainless Steel Schedule 40 Type 304 .....	119.95	39.94
For Work In Restricted Working Space, Add	23.98	
40 05 23 43-0709 EA 1-1/4" Flange, Stainless Steel Schedule 40 Type 304 .....	132.72	43.19
For Work In Restricted Working Space, Add	25.91	
40 05 23 43-0710 EA 1-1/2" Flange, Stainless Steel Schedule 40 Type 304 .....	148.57	47.42
For Work In Restricted Working Space, Add	28.45	
40 05 23 43-0711 EA 2" Flange, Stainless Steel Schedule 40 Type 304 .....	175.49	51.96
For Work In Restricted Working Space, Add	31.16	
40 05 23 43-0712 EA 2-1/2" Flange, Stainless Steel Schedule 40 Type 304 .....	220.16	58.45
For Work In Restricted Working Space, Add	35.08	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0713 EA 3" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	240.43 38.94	64.95
40 05 23 43-0714 EA 4" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	328.94 52.22	87.03
40 05 23 43-0715 EA 6" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	499.73 77.87	129.90
40 05 23 43-0716 EA 8" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,521.69 120.58	187.56
<b>40 05 23 43-0717 Caps</b> <small>(40 05 23 43-0621)</small>		
40 05 23 43-0718 EA 1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	50.89 8.97	14.94
40 05 23 43-0719 EA 3/4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	56.40 9.75	16.23
40 05 23 43-0720 EA 1" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	70.12 12.86	21.43
40 05 23 43-0721 EA 1-1/4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	75.97 13.64	22.74
40 05 23 43-0722 EA 1-1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	84.66 15.59	25.98
40 05 23 43-0723 EA 2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	92.20 17.53	29.23
40 05 23 43-0724 EA 2-1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	113.93 22.41	37.35
40 05 23 43-0725 EA 3" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	129.91 25.90	43.19
40 05 23 43-0726 EA 4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	191.89 34.68	57.81
40 05 23 43-0727 EA 6" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	251.72 51.98	86.72
<b>40 05 23 43-0728 Reducing Tees</b> <small>(40 05 23 43-0621)</small>		
40 05 23 43-0729 EA 1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	135.84 23.52	47.09
40 05 23 43-0730 EA 3/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	153.69 28.87	57.81
40 05 23 43-0731 EA 1" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	165.62 32.45	64.95
40 05 23 43-0732 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	215.86 37.01	74.04
40 05 23 43-0733 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	189.86 39.72	79.57
40 05 23 43-0734 EA 2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	204.78 43.32	86.72
40 05 23 43-0735 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	336.63 51.91	103.92
40 05 23 43-0736 EA 3" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	347.33 65.06	129.90
40 05 23 43-0737 EA 4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	420.59 73.01	146.14
40 05 23 43-0738 EA 6" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	856.17 97.35	194.85
40 05 23 43-0739 EA 8" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,878.00 133.97	250.08
40 05 23 43-0740 EA 10" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,396.38 200.96	375.13
40 05 23 43-0741 EA 12" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,245.47 251.20	468.90
<b>40 05 23 43-0742 Type 316, Schedule 40 Pipe And 150 LB Threaded Fittings</b> <small>(40 05 23 43-0231)</small>		
<b>40 05 23 43-0743 Pipe</b> <small>(40 05 23 43-0742)</small>		
40 05 23 43-0744 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	13.19 1.79	2.99
40 05 23 43-0745 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	15.61 2.25	3.76
40 05 23 43-0746 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	19.72 2.70	4.53
40 05 23 43-0747 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	24.10 3.15	5.23
40 05 23 43-0748 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	28.03 3.58	5.93
40 05 23 43-0749 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	36.15 4.50	7.53
40 05 23 43-0750 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	49.48 5.36	8.92
40 05 23 43-0751 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	64.59 6.75	11.22
40 05 23 43-0752 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	86.69 8.90	14.85

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0753			<b>90 Degree Elbows</b> <small>(40 05 23 43-0742)</small>		
40 05 23 43-0754	EA		1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	33.38	11.22
			<i>For Work In Restricted Working Space, Add</i>	6.75	
40 05 23 43-0755	EA		3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	43.38	14.85
			<i>For Work In Restricted Working Space, Add</i>	8.90	
40 05 23 43-0756	EA		1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	53.79	18.83
			<i>For Work In Restricted Working Space, Add</i>	11.30	
40 05 23 43-0757	EA		1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	78.20	25.79
			<i>For Work In Restricted Working Space, Add</i>	15.49	
40 05 23 43-0758	EA		1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	88.67	30.32
			<i>For Work In Restricted Working Space, Add</i>	18.19	
40 05 23 43-0759	EA		2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	116.93	36.68
			<i>For Work In Restricted Working Space, Add</i>	22.02	
40 05 23 43-0760	EA		2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	221.91	58.07
			<i>For Work In Restricted Working Space, Add</i>	34.86	
40 05 23 43-0761	EA		3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	290.45	74.94
			<i>For Work In Restricted Working Space, Add</i>	44.96	
40 05 23 43-0762	EA		4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	453.18	92.93
			<i>For Work In Restricted Working Space, Add</i>	55.75	
40 05 23 43-0763			<b>45 Degree Elbows</b> <small>(40 05 23 43-0742)</small>		
40 05 23 43-0764	EA		1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	37.22	11.22
			<i>For Work In Restricted Working Space, Add</i>	6.75	
40 05 23 43-0765	EA		3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	47.84	14.85
			<i>For Work In Restricted Working Space, Add</i>	8.90	
40 05 23 43-0766	EA		1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	56.03	18.83
			<i>For Work In Restricted Working Space, Add</i>	11.30	
40 05 23 43-0767	EA		1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	75.94	25.79
			<i>For Work In Restricted Working Space, Add</i>	15.49	
40 05 23 43-0768	EA		1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	89.82	30.32
			<i>For Work In Restricted Working Space, Add</i>	18.19	
40 05 23 43-0769	EA		2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	115.97	36.68
			<i>For Work In Restricted Working Space, Add</i>	22.02	
40 05 23 43-0770	EA		2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	255.13	58.07
			<i>For Work In Restricted Working Space, Add</i>	34.86	
40 05 23 43-0771	EA		3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	354.09	74.94
			<i>For Work In Restricted Working Space, Add</i>	44.98	
40 05 23 43-0772	EA		4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316.....	554.75	92.93
			<i>For Work In Restricted Working Space, Add</i>	55.78	
40 05 23 43-0773			<b>Tees</b> <small>(40 05 23 43-0742)</small>		
40 05 23 43-0774	EA		1/2" Tee, Stainless Steel Schedule 40 Type 316.....	49.43	17.01
			<i>For Work In Restricted Working Space, Add</i>	10.20	
40 05 23 43-0775	EA		3/4" Tee, Stainless Steel Schedule 40 Type 316.....	64.01	22.52
			<i>For Work In Restricted Working Space, Add</i>	13.49	
40 05 23 43-0776	EA		1" Tee, Stainless Steel Schedule 40 Type 316.....	75.84	27.89
			<i>For Work In Restricted Working Space, Add</i>	16.73	
40 05 23 43-0777	EA		1-1/4" Tee, Stainless Steel Schedule 40 Type 316.....	113.14	38.76
			<i>For Work In Restricted Working Space, Add</i>	23.24	
40 05 23 43-0778	EA		1-1/2" Tee, Stainless Steel Schedule 40 Type 316.....	128.86	43.57
			<i>For Work In Restricted Working Space, Add</i>	26.15	
40 05 23 43-0779	EA		2" Tee, Stainless Steel Schedule 40 Type 316.....	172.83	58.07
			<i>For Work In Restricted Working Space, Add</i>	34.86	
40 05 23 43-0780	EA		2-1/2" Tee, Stainless Steel Schedule 40 Type 316.....	333.91	84.01
			<i>For Work In Restricted Working Space, Add</i>	50.40	
40 05 23 43-0781	EA		3" Tee, Stainless Steel Schedule 40 Type 316.....	480.35	112.46
			<i>For Work In Restricted Working Space, Add</i>	67.47	
40 05 23 43-0782	EA		4" Tee, Stainless Steel Schedule 40 Type 316.....	692.34	139.44
			<i>For Work In Restricted Working Space, Add</i>	83.66	
40 05 23 43-0783			<b>Reducers</b> <small>(40 05 23 43-0742)</small>		
40 05 23 43-0784	EA		3/4" x 1/2" Reducer, Stainless Steel Schedule 40 Type 316.....	39.81	14.85
			<i>For Work In Restricted Working Space, Add</i>	8.90	
40 05 23 43-0785	EA		1" x 3/4" Reducer, Stainless Steel Schedule 40 Type 316.....	54.13	18.83
			<i>For Work In Restricted Working Space, Add</i>	11.30	
40 05 23 43-0786	EA		1-1/4" x 1" Reducer, Stainless Steel Schedule 40 Type 316.....	76.63	25.79
			<i>For Work In Restricted Working Space, Add</i>	15.49	
40 05 23 43-0787	EA		1-1/2" x 1-1/4" Reducer, Stainless Steel Schedule 40 Type 316.....	92.52	30.32
			<i>For Work In Restricted Working Space, Add</i>	18.19	
40 05 23 43-0788	EA		2" x 1-1/2" Reducer, Stainless Steel Schedule 40 Type 316.....	119.01	36.68
			<i>For Work In Restricted Working Space, Add</i>	22.02	
40 05 23 43-0789	EA		2-1/2" x 2" Reducer, Stainless Steel Schedule 40 Type 316.....	223.81	58.07
			<i>For Work In Restricted Working Space, Add</i>	34.86	
40 05 23 43-0790	EA		3" x 2-1/2" Reducer, Stainless Steel Schedule 40 Type 316.....	296.64	74.94
			<i>For Work In Restricted Working Space, Add</i>	44.98	
40 05 23 43-0791	EA		4" x 3" Reducer, Stainless Steel Schedule 40 Type 316.....	414.56	92.93
			<i>For Work In Restricted Working Space, Add</i>	55.78	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 23 43-0792 Unions</b> <small>(40 05 23 43-0742)</small>						
40 05 23 43-0793	EA			1/2" Union, Stainless Steel Schedule 40 Type 316.....	55.75	17.01
				<i>For Work In Restricted Working Space, Add</i>	10.20	
40 05 23 43-0794	EA			3/4" Union, Stainless Steel Schedule 40 Type 316.....	72.68	22.52
				<i>For Work In Restricted Working Space, Add</i>	13.49	
40 05 23 43-0795	EA			1" Union, Stainless Steel Schedule 40 Type 316.....	100.02	27.89
				<i>For Work In Restricted Working Space, Add</i>	16.73	
40 05 23 43-0796	EA			1-1/4" Union, Stainless Steel Schedule 40 Type 316.....	156.52	38.76
				<i>For Work In Restricted Working Space, Add</i>	23.24	
40 05 23 43-0797	EA			1-1/2" Union, Stainless Steel Schedule 40 Type 316.....	181.92	43.57
				<i>For Work In Restricted Working Space, Add</i>	26.15	
40 05 23 43-0798	EA			2" Union, Stainless Steel Schedule 40 Type 316.....	241.40	58.07
				<i>For Work In Restricted Working Space, Add</i>	34.86	
<b>40 05 23 43-0799 Flanges</b> <small>(40 05 23 43-0742)</small>						
40 05 23 43-0800	EA			2-1/2" Flange, Stainless Steel Schedule 40 Type 316.....	222.89	58.07
				<i>For Work In Restricted Working Space, Add</i>	34.86	
40 05 23 43-0801	EA			3" Flange, Stainless Steel Schedule 40 Type 316.....	268.50	74.94
				<i>For Work In Restricted Working Space, Add</i>	44.98	
40 05 23 43-0802	EA			4" Flange, Stainless Steel Schedule 40 Type 316.....	355.12	92.93
				<i>For Work In Restricted Working Space, Add</i>	55.78	
<b>40 05 23 43-0803 Caps</b> <small>(40 05 23 43-0742)</small>						
40 05 23 43-0804	EA			1/2" Cap, Stainless Steel Schedule 40 Type 316.....	15.18	5.65
				<i>For Work In Restricted Working Space, Add</i>	3.37	
40 05 23 43-0805	EA			3/4" Cap, Stainless Steel Schedule 40 Type 316.....	20.73	7.53
				<i>For Work In Restricted Working Space, Add</i>	4.50	
40 05 23 43-0806	EA			1" Cap, Stainless Steel Schedule 40 Type 316.....	27.01	9.28
				<i>For Work In Restricted Working Space, Add</i>	5.58	
40 05 23 43-0807	EA			1-1/4" Cap, Stainless Steel Schedule 40 Type 316.....	48.37	13.18
				<i>For Work In Restricted Working Space, Add</i>	7.89	
40 05 23 43-0808	EA			1-1/2" Cap, Stainless Steel Schedule 40 Type 316.....	55.16	14.85
				<i>For Work In Restricted Working Space, Add</i>	8.90	
40 05 23 43-0809	EA			2" Cap, Stainless Steel Schedule 40 Type 316.....	69.99	18.83
				<i>For Work In Restricted Working Space, Add</i>	11.30	
40 05 23 43-0810	EA			2-1/2" Cap, Stainless Steel Schedule 40 Type 316.....	107.80	27.89
				<i>For Work In Restricted Working Space, Add</i>	16.73	
40 05 23 43-0811	EA			3" Cap, Stainless Steel Schedule 40 Type 316.....	145.28	36.68
				<i>For Work In Restricted Working Space, Add</i>	22.02	
40 05 23 43-0812	EA			4" Cap, Stainless Steel Schedule 40 Type 316.....	225.84	46.50
				<i>For Work In Restricted Working Space, Add</i>	27.89	
<b>40 05 23 43-0813 Type 316 Schedule 5 Pipe And Welded Butt Fittings</b> <small>(40 05 23 43-0231)</small>						
<b>40 05 23 43-0814 Pipe</b> <small>(40 05 23 43-0813)</small>						
40 05 23 43-0815	LF			1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	13.95	2.92
				<i>For Work In Restricted Working Space, Add</i>	1.76	
40 05 23 43-0816	LF			3/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	16.47	3.57
				<i>For Work In Restricted Working Space, Add</i>	2.15	
40 05 23 43-0817	LF			1" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	19.65	4.22
				<i>For Work In Restricted Working Space, Add</i>	2.51	
40 05 23 43-0818	LF			1-1/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	23.34	5.26
				<i>For Work In Restricted Working Space, Add</i>	3.14	
40 05 23 43-0819	LF			1-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	26.65	5.91
				<i>For Work In Restricted Working Space, Add</i>	3.54	
40 05 23 43-0820	LF			2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	33.24	7.34
				<i>For Work In Restricted Working Space, Add</i>	4.39	
40 05 23 43-0821	LF			2-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	42.60	8.38
				<i>For Work In Restricted Working Space, Add</i>	5.01	
40 05 23 43-0822	LF			3" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	50.05	9.41
				<i>For Work In Restricted Working Space, Add</i>	5.65	
40 05 23 43-0823	LF			4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	62.16	11.17
				<i>For Work In Restricted Working Space, Add</i>	6.68	
40 05 23 43-0824	LF			6" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting.....	103.22	14.68
				<i>For Work In Restricted Working Space, Add</i>	8.78	
40 05 23 43-0825	LF			8" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	164.40	23.88
				<i>For Work In Restricted Working Space, Add</i>	15.35	
40 05 23 43-0826	LF			10" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	215.74	26.25
				<i>For Work In Restricted Working Space, Add</i>	16.88	
40 05 23 43-0827	LF			12" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	247.66	29.20
				<i>For Work In Restricted Working Space, Add</i>	18.76	
40 05 23 43-0828	LF			14" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	308.12	32.82
				<i>For Work In Restricted Working Space, Add</i>	21.10	
40 05 23 43-0829	LF			16" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	337.75	37.51
				<i>For Work In Restricted Working Space, Add</i>	24.11	
40 05 23 43-0830	LF			18" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting.....	376.47	43.76
				<i>For Work In Restricted Working Space, Add</i>	28.13	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0831	LF		20" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	509.85 33.76	52.52
40 05 23 43-0832	LF		24" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	667.61 42.20	65.65
<b>40 05 23 43-0833</b>			<b>90 Degree Elbows</b> <small>(40 05 23 43-0813)</small>		
40 05 23 43-0834	EA		1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	91.96 22.21	37.02
40 05 23 43-0835	EA		3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	97.44 23.58	39.30
40 05 23 43-0836	EA		1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	106.86 25.91	43.19
40 05 23 43-0837	EA		1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	126.98 28.26	47.09
40 05 23 43-0838	EA		1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	129.59 31.15	51.96
40 05 23 43-0839	EA		2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	150.20 34.70	57.81
40 05 23 43-0840	EA		2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	197.06 44.36	74.04
40 05 23 43-0841	EA		3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	235.18 51.93	86.72
40 05 23 43-0842	EA		4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	322.14 62.21	103.92
40 05 23 43-0843	EA		6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	587.28 77.82	129.90
40 05 23 43-0844	EA		8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	959.34 120.58	187.56
40 05 23 43-0845	EA		10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,683.52 160.77	250.08
40 05 23 43-0846	EA		12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,114.22 241.15	375.13
40 05 23 43-0847	EA		14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,387.65 281.34	437.64
40 05 23 43-0848	EA		16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,264.37 320.92	500.16
40 05 23 43-0849	EA		18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,447.77 401.92	625.20
40 05 23 43-0850	EA		20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	9,136.13 562.68	875.29
40 05 23 43-0851	EA		24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	12,633.39 803.84	1,250.40
<b>40 05 23 43-0852</b>			<b>45 Degree Elbows</b> <small>(40 05 23 43-0813)</small>		
40 05 23 43-0853	EA		1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	99.80 22.21	37.02
40 05 23 43-0854	EA		3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	104.35 23.58	39.30
40 05 23 43-0855	EA		1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	115.41 25.91	43.19
40 05 23 43-0856	EA		1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	143.32 28.24	47.09
40 05 23 43-0857	EA		1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	130.31 31.19	51.96
40 05 23 43-0858	EA		2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	145.98 34.70	57.81
40 05 23 43-0859	EA		2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	198.38 44.41	74.04
40 05 23 43-0860	EA		3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	225.01 52.04	86.72
40 05 23 43-0861	EA		4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	298.98 62.29	103.92
40 05 23 43-0862	EA		6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	456.55 77.94	129.90
40 05 23 43-0863	EA		8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	746.21 120.58	187.56
40 05 23 43-0864	EA		10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,308.78 160.77	250.08
40 05 23 43-0865	EA		12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,033.43 241.15	375.13
40 05 23 43-0866	EA		14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,567.91 281.34	437.64
40 05 23 43-0867	EA		16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,212.76 320.92	500.16
40 05 23 43-0868	EA		18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,466.43 401.92	625.20
40 05 23 43-0869	EA		20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	7,859.69 562.68	875.29
40 05 23 43-0870	EA		24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	10,560.63 803.84	1,250.40



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 23 43-0871 Tees</b> <small>(40 05 23 43-0813)</small>		
40 05 23 43-0872 EA 1/2" Tees, Stainless Steel Schedule 5 Type 316.....	166.72	47.09
<i>For Work In Restricted Working Space, Add</i>	28.23	
40 05 23 43-0873 EA 3/4" Tees, Stainless Steel Schedule 5 Type 316.....	188.13	57.81
<i>For Work In Restricted Working Space, Add</i>	34.66	
40 05 23 43-0874 EA 1" Tees, Stainless Steel Schedule 5 Type 316.....	198.89	64.95
<i>For Work In Restricted Working Space, Add</i>	38.94	
40 05 23 43-0875 EA 1-1/4" Tees, Stainless Steel Schedule 5 Type 316.....	266.30	74.04
<i>For Work In Restricted Working Space, Add</i>	44.41	
40 05 23 43-0876 EA 1-1/2" Tees, Stainless Steel Schedule 5 Type 316.....	227.97	79.57
<i>For Work In Restricted Working Space, Add</i>	47.66	
40 05 23 43-0877 EA 2" Tees, Stainless Steel Schedule 5 Type 316.....	245.91	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
40 05 23 43-0878 EA 2-1/2" Tees, Stainless Steel Schedule 5 Type 316.....	413.75	103.92
<i>For Work In Restricted Working Space, Add</i>	62.29	
40 05 23 43-0879 EA 3" Tees, Stainless Steel Schedule 5 Type 316.....	394.90	129.90
<i>For Work In Restricted Working Space, Add</i>	78.07	
40 05 23 43-0880 EA 4" Tees, Stainless Steel Schedule 5 Type 316.....	481.76	146.14
<i>For Work In Restricted Working Space, Add</i>	87.62	
40 05 23 43-0881 EA 6" Tees, Stainless Steel Schedule 5 Type 316.....	963.22	194.85
<i>For Work In Restricted Working Space, Add</i>	116.82	
40 05 23 43-0882 EA 8" Tee, Stainless Steel Schedule 5 Type 316.....	1,847.47	250.08
<i>For Work In Restricted Working Space, Add</i>	160.77	
40 05 23 43-0883 EA 10" Tee, Stainless Steel Schedule 5 Type 316.....	2,864.88	375.13
<i>For Work In Restricted Working Space, Add</i>	241.15	
40 05 23 43-0884 EA 12" Tee, Stainless Steel Schedule 5 Type 316.....	3,639.66	468.90
<i>For Work In Restricted Working Space, Add</i>	301.44	
40 05 23 43-0885 EA 14" Tee, Stainless Steel Schedule 5 Type 316.....	4,657.39	562.68
<i>For Work In Restricted Working Space, Add</i>	362.24	
40 05 23 43-0886 EA 16" Tee, Stainless Steel Schedule 5 Type 316.....	5,154.79	687.72
<i>For Work In Restricted Working Space, Add</i>	441.90	
40 05 23 43-0887 EA 18" Tee, Stainless Steel Schedule 5 Type 316.....	6,267.05	875.29
<i>For Work In Restricted Working Space, Add</i>	562.68	
40 05 23 43-0888 EA 20" Tee, Stainless Steel Schedule 5 Type 316.....	9,681.59	1,156.63
<i>For Work In Restricted Working Space, Add</i>	740.37	
40 05 23 43-0889 EA 24" Tee, Stainless Steel Schedule 5 Type 316.....	14,859.82	1,750.57
<i>For Work In Restricted Working Space, Add</i>	1,125.37	
<b>40 05 23 43-0890 Reducers</b> <small>(40 05 23 43-0813)</small>		
40 05 23 43-0891 EA 3/4" Reducer, Stainless Steel Schedule 5 Type 316.....	106.35	35.73
<i>For Work In Restricted Working Space, Add</i>	21.45	
40 05 23 43-0892 EA 1" Reducer, Stainless Steel Schedule 5 Type 316.....	118.16	38.97
<i>For Work In Restricted Working Space, Add</i>	23.37	
40 05 23 43-0893 EA 1-1/4" Reducer, Stainless Steel Schedule 5 Type 316.....	149.19	43.19
<i>For Work In Restricted Working Space, Add</i>	25.91	
40 05 23 43-0894 EA 1-1/2" Reducer, Stainless Steel Schedule 5 Type 316.....	121.04	47.09
<i>For Work In Restricted Working Space, Add</i>	28.24	
40 05 23 43-0895 EA 2" Reducer, Stainless Steel Schedule 5 Type 316.....	133.10	51.96
<i>For Work In Restricted Working Space, Add</i>	31.19	
40 05 23 43-0896 EA 2-1/2" Reducer, Stainless Steel Schedule 5 Type 316.....	174.07	64.95
<i>For Work In Restricted Working Space, Add</i>	38.97	
40 05 23 43-0897 EA 3" Reducer, Stainless Steel Schedule 5 Type 316.....	191.59	74.04
<i>For Work In Restricted Working Space, Add</i>	44.36	
40 05 23 43-0898 EA 4" Reducer, Stainless Steel Schedule 5 Type 316.....	222.62	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
40 05 23 43-0899 EA 6" Reducer, Stainless Steel Schedule 5 Type 316.....	287.87	110.41
<i>For Work In Restricted Working Space, Add</i>	66.19	
40 05 23 43-0900 EA 8" Reducer, Stainless Steel Schedule 5 Type 316.....	629.81	150.05
<i>For Work In Restricted Working Space, Add</i>	96.46	
40 05 23 43-0901 EA 10" Reducer, Stainless Steel Schedule 5 Type 316.....	830.67	187.56
<i>For Work In Restricted Working Space, Add</i>	120.58	
40 05 23 43-0902 EA 12" Reducer, Stainless Steel Schedule 5 Type 316.....	1,103.55	250.08
<i>For Work In Restricted Working Space, Add</i>	160.77	
40 05 23 43-0903 EA 14" Reducer, Stainless Steel Schedule 5 Type 316.....	1,468.95	328.23
<i>For Work In Restricted Working Space, Add</i>	211.01	
40 05 23 43-0904 EA 16" Reducer, Stainless Steel Schedule 5 Type 316.....	1,755.82	375.13
<i>For Work In Restricted Working Space, Add</i>	240.47	
40 05 23 43-0905 EA 18" Reducer, Stainless Steel Schedule 5 Type 316.....	2,180.24	468.90
<i>For Work In Restricted Working Space, Add</i>	301.44	
40 05 23 43-0906 EA 20" Reducer, Stainless Steel Schedule 5 Type 316.....	3,374.90	625.20
<i>For Work In Restricted Working Space, Add</i>	401.92	
40 05 23 43-0907 EA 24" Reducer, Stainless Steel Schedule 5 Type 316.....	5,326.68	937.81
<i>For Work In Restricted Working Space, Add</i>	602.88	
<b>40 05 23 43-0908 Weld Neck Flanges</b> <small>(40 05 23 43-0813)</small>		
40 05 23 43-0909 EA 1/2" Flanges, Stainless Steel Schedule 5 Type 316.....	63.93	14.94
<i>For Work In Restricted Working Space, Add</i>	8.97	
40 05 23 43-0910 EA 3/4" Flanges, Stainless Steel Schedule 5 Type 316.....	66.53	16.23
<i>For Work In Restricted Working Space, Add</i>	9.75	
40 05 23 43-0911 EA 1" Flanges, Stainless Steel Schedule 5 Type 316.....	77.58	21.76
<i>For Work In Restricted Working Space, Add</i>	13.06	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0912 EA 1-1/4" Flanges, Stainless Steel Schedule 5 Type 316 .....	87.46	22.74
<i>For Work In Restricted Working Space, Add</i>	13.64	
40 05 23 43-0913 EA 1-1/2" Flanges, Stainless Steel Schedule 5 Type 316 .....	101.89	25.98
<i>For Work In Restricted Working Space, Add</i>	15.59	
40 05 23 43-0914 EA 2" Flanges, Stainless Steel Schedule 5 Type 316 .....	123.11	29.23
<i>For Work In Restricted Working Space, Add</i>	17.52	
40 05 23 43-0915 EA 2-1/2" Flanges, Stainless Steel Schedule 5 Type 316 .....	168.86	37.35
<i>For Work In Restricted Working Space, Add</i>	22.41	
40 05 23 43-0916 EA 3" Flanges, Stainless Steel Schedule 5 Type 316 .....	185.07	43.19
<i>For Work In Restricted Working Space, Add</i>	25.90	
40 05 23 43-0917 EA 4" Flanges, Stainless Steel Schedule 5 Type 316 .....	254.23	58.45
<i>For Work In Restricted Working Space, Add</i>	35.07	
40 05 23 43-0918 EA 6" Flanges, Stainless Steel Schedule 5 Type 316 .....	386.63	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
40 05 23 43-0919 EA 8" Flange, Stainless Steel Schedule 5 Type 316 .....	735.87	93.78
<i>For Work In Restricted Working Space, Add</i>	60.29	
40 05 23 43-0920 EA 10" Flange, Stainless Steel Schedule 5 Type 316 .....	1,160.87	109.41
<i>For Work In Restricted Working Space, Add</i>	70.34	
40 05 23 43-0921 EA 12" Flange, Stainless Steel Schedule 5 Type 316 .....	1,635.91	125.04
<i>For Work In Restricted Working Space, Add</i>	80.38	
40 05 23 43-0922 EA 14" Flange, Stainless Steel Schedule 5 Type 316 .....	2,179.52	156.30
<i>For Work In Restricted Working Space, Add</i>	100.48	
40 05 23 43-0923 EA 16" Flange, Stainless Steel Schedule 5 Type 316 .....	2,938.24	187.56
<i>For Work In Restricted Working Space, Add</i>	120.58	
40 05 23 43-0924 EA 18" Flange, Stainless Steel Schedule 5 Type 316 .....	3,027.40	218.82
<i>For Work In Restricted Working Space, Add</i>	140.67	
40 05 23 43-0925 EA 20" Flange, Stainless Steel Schedule 5 Type 316 .....	4,211.25	265.71
<i>For Work In Restricted Working Space, Add</i>	170.86	
40 05 23 43-0926 EA 24" Flange, Stainless Steel Schedule 5 Type 316 .....	9,710.33	343.86
<i>For Work In Restricted Working Space, Add</i>	220.95	
<b>40 05 23 43-0927 Slip-On Flanges</b> (40 05 23 43-0813)		
40 05 23 43-0928 EA 1/2" Flange, Stainless Steel Schedule 5 Type 316 .....	100.40	32.48
<i>For Work In Restricted Working Space, Add</i>	19.49	
40 05 23 43-0929 EA 3/4" Flange, Stainless Steel Schedule 5 Type 316 .....	105.18	32.48
<i>For Work In Restricted Working Space, Add</i>	19.49	
40 05 23 43-0930 EA 1" Flange, Stainless Steel Schedule 5 Type 316 .....	123.04	39.94
<i>For Work In Restricted Working Space, Add</i>	23.98	
40 05 23 43-0931 EA 1-1/4" Flange, Stainless Steel Schedule 5 Type 316 .....	136.30	43.19
<i>For Work In Restricted Working Space, Add</i>	25.91	
40 05 23 43-0932 EA 1-1/2" Flange, Stainless Steel Schedule 5 Type 316 .....	152.73	47.42
<i>For Work In Restricted Working Space, Add</i>	28.46	
40 05 23 43-0933 EA 2" Flange, Stainless Steel Schedule 5 Type 316 .....	181.00	51.96
<i>For Work In Restricted Working Space, Add</i>	31.15	
40 05 23 43-0934 EA 2-1/2" Flange, Stainless Steel Schedule 5 Type 316 .....	228.12	58.45
<i>For Work In Restricted Working Space, Add</i>	35.07	
40 05 23 43-0935 EA 3" Flange, Stainless Steel Schedule 5 Type 316 .....	248.96	64.95
<i>For Work In Restricted Working Space, Add</i>	38.94	
40 05 23 43-0936 EA 4" Flange, Stainless Steel Schedule 5 Type 316 .....	340.86	87.03
<i>For Work In Restricted Working Space, Add</i>	52.21	
40 05 23 43-0937 EA 6" Flange, Stainless Steel Schedule 5 Type 316 .....	518.11	129.90
<i>For Work In Restricted Working Space, Add</i>	77.82	
40 05 23 43-0938 EA 8" Flange, Stainless Steel Schedule 5 Type 316 .....	1,608.13	187.56
<i>For Work In Restricted Working Space, Add</i>	120.58	
<b>40 05 23 43-0939 Caps</b> (40 05 23 43-0813)		
40 05 23 43-0940 EA 1/2" Cap, Stainless Steel Schedule 5 Type 316 .....	52.51	14.94
<i>For Work In Restricted Working Space, Add</i>	8.97	
40 05 23 43-0941 EA 3/4" Cap, Stainless Steel Schedule 5 Type 316 .....	58.25	16.23
<i>For Work In Restricted Working Space, Add</i>	9.75	
40 05 23 43-0942 EA 1" Cap, Stainless Steel Schedule 5 Type 316 .....	72.23	21.43
<i>For Work In Restricted Working Space, Add</i>	12.86	
40 05 23 43-0943 EA 1-1/4" Cap, Stainless Steel Schedule 5 Type 316 .....	78.33	22.74
<i>For Work In Restricted Working Space, Add</i>	13.64	
40 05 23 43-0944 EA 1-1/2" Cap, Stainless Steel Schedule 5 Type 316 .....	87.18	25.98
<i>For Work In Restricted Working Space, Add</i>	15.59	
40 05 23 43-0945 EA 2" Cap, Stainless Steel Schedule 5 Type 316 .....	94.80	29.23
<i>For Work In Restricted Working Space, Add</i>	17.52	
40 05 23 43-0946 EA 2-1/2" Cap, Stainless Steel Schedule 5 Type 316 .....	116.95	37.35
<i>For Work In Restricted Working Space, Add</i>	22.41	
40 05 23 43-0947 EA 3" Cap, Stainless Steel Schedule 5 Type 316 .....	133.29	43.19
<i>For Work In Restricted Working Space, Add</i>	25.90	
40 05 23 43-0948 EA 4" Cap, Stainless Steel Schedule 5 Type 316 .....	197.74	57.81
<i>For Work In Restricted Working Space, Add</i>	34.67	
40 05 23 43-0949 EA 6" Cap, Stainless Steel Schedule 5 Type 316 .....	257.82	86.72
<i>For Work In Restricted Working Space, Add</i>	51.99	
<b>40 05 23 43-0950 Reducing Tees</b> (40 05 23 43-0813)		
40 05 23 43-0951 EA 3/4" Reducing Tees, Stainless Steel Schedule 5 Type 316 .....	143.96	47.09
<i>For Work In Restricted Working Space, Add</i>	23.59	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0952 EA 1" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	161.70 28.90	57.81
40 05 23 43-0953 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	195.73 32.48	64.95
40 05 23 43-0954 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	186.78 37.02	74.04
40 05 23 43-0955 EA 2" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	204.25 39.78	79.57
40 05 23 43-0956 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	323.62 43.36	86.72
40 05 23 43-0957 EA 3" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	297.22 51.97	103.92
40 05 23 43-0958 EA 4" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	395.61 64.95	129.90
40 05 23 43-0959 EA 6" Reducing Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	784.69 74.21	148.42
40 05 23 43-0960 EA 8" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,459.83 100.48	187.56
40 05 23 43-0961 EA 10" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,402.93 133.97	250.08
40 05 23 43-0962 EA 12" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,171.78 200.96	375.13
40 05 23 43-0963 EA 14" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,069.92 241.43	450.77
40 05 23 43-0964 EA 16" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,478.27 294.50	549.86
40 05 23 43-0965 EA 18" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,424.86 375.12	700.23
40 05 23 43-0966 EA 20" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	8,492.48 493.58	921.24
40 05 23 43-0967 EA 24" Reducing Tee, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	13,049.08 749.58	1,399.83
 <b>40 05 23 43-0968 Type 316 Schedule 10 Pipe And Welded Butt Fittings (40 05 23 43-0968)</b>		
<b>40 05 23 43-0969 Pipe (40 05 23 43-0968)</b>		
40 05 23 43-0970 LF 1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	13.86 1.76	2.92
40 05 23 43-0971 LF 3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	16.42 2.15	3.57
40 05 23 43-0972 LF 1" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	22.18 2.51	4.22
40 05 23 43-0973 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	26.99 3.14	5.26
40 05 23 43-0974 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	29.96 3.54	5.91
40 05 23 43-0975 LF 2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	37.04 4.39	7.34
40 05 23 43-0976 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	44.59 5.01	8.38
40 05 23 43-0977 LF 3" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	53.00 5.65	9.41
40 05 23 43-0978 LF 4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	67.11 6.68	11.17
40 05 23 43-0979 LF 6" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	99.23 8.78	14.68
40 05 23 43-0980 LF 8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	158.30 15.35	23.88
40 05 23 43-0981 LF 10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	207.15 16.88	26.25
40 05 23 43-0982 LF 12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	250.58 18.76	29.20
40 05 23 43-0983 LF 14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	311.88 21.10	32.82
40 05 23 43-0984 LF 16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	341.80 24.11	37.51
40 05 23 43-0985 LF 18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	380.92 28.13	43.76
40 05 23 43-0986 LF 20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	538.53 33.76	52.52
40 05 23 43-0987 LF 24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	705.66 42.20	65.65
 <b>40 05 23 43-0988 90 Degree Elbows (40 05 23 43-0988)</b>		
40 05 23 43-0989 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	88.43 22.21	37.02
40 05 23 43-0990 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	92.98 23.58	39.30
40 05 23 43-0991 EA 1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	100.77 25.91	43.19
40 05 23 43-0992 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	115.16 28.27	47.09

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0993	EA	1-1/2"	90 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	130.62 31.16	51.96
40 05 23 43-0994	EA	2"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	143.79 34.70	57.81
40 05 23 43-0995	EA	2-1/2"	90 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	187.76 44.38	74.04
40 05 23 43-0996	EA	3"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	223.39 51.96	86.72
40 05 23 43-0997	EA	4"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	301.22 62.25	103.92
40 05 23 43-0998	EA	6"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	527.00 77.78	129.90
40 05 23 43-0999	EA	8"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,012.77 120.58	187.56
40 05 23 43-1000	EA	10"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,669.10 160.77	250.08
40 05 23 43-1001	EA	12"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,581.59 241.15	375.13
40 05 23 43-1002	EA	14"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,342.01 281.34	437.64
40 05 23 43-1003	EA	16"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,204.07 320.92	500.16
40 05 23 43-1004	EA	18"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,365.60 401.92	625.20
40 05 23 43-1005	EA	20"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	9,007.40 562.68	875.29
40 05 23 43-1006	EA	24"	90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	12,444.59 803.84	1,250.40
<b>40 05 23 43-1007 45 Degree Elbows (40 05 23 43-0968)</b>					
40 05 23 43-1008	EA	1/2"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	94.33 22.21	37.02
40 05 23 43-1009	EA	3/4"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	98.88 23.58	39.30
40 05 23 43-1010	EA	1"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	106.67 25.91	43.19
40 05 23 43-1011	EA	1-1/4"	45 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	116.86 28.25	47.09
40 05 23 43-1012	EA	1-1/2"	45 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	127.17 31.19	51.96
40 05 23 43-1013	EA	2"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	154.28 34.70	57.81
40 05 23 43-1014	EA	2-1/2"	45 Degree Elbow, Stainless Steel Schedule 10, Type 316..... <i>For Work In Restricted Working Space, Add</i>	186.96 44.41	74.04
40 05 23 43-1015	EA	3"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	213.95 52.02	86.72
40 05 23 43-1016	EA	4"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	279.06 62.31	103.92
40 05 23 43-1017	EA	6"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	412.26 77.94	129.90
40 05 23 43-1018	EA	8"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	868.48 120.58	187.56
40 05 23 43-1019	EA	10"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,304.45 160.77	250.08
40 05 23 43-1020	EA	12"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,029.75 241.15	375.13
40 05 23 43-1021	EA	14"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,563.08 281.34	437.64
40 05 23 43-1022	EA	16"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,205.80 320.92	500.16
40 05 23 43-1023	EA	18"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,457.27 401.92	625.20
40 05 23 43-1024	EA	20"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	7,847.30 562.68	875.29
40 05 23 43-1025	EA	24"	45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	10,534.84 803.84	1,250.40
<b>40 05 23 43-1026 Tees (40 05 23 43-0968)</b>					
40 05 23 43-1027	EA	1/2"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	142.38 28.23	47.09
40 05 23 43-1028	EA	3/4"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	163.79 34.66	57.81
40 05 23 43-1029	EA	1"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	178.07 38.94	64.95
40 05 23 43-1030	EA	1-1/4"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	201.19 44.43	74.04
40 05 23 43-1031	EA	1-1/2"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	213.65 47.68	79.57
40 05 23 43-1032	EA	2"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	258.59 52.00	86.72
40 05 23 43-1033	EA	2-1/2"	Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	312.28 62.31	103.92



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1034 EA 3" Tees, Stainless Steel Schedule 10 Type 316.....	408.16	129.90
For Work In Restricted Working Space, Add	78.04	
40 05 23 43-1035 EA 4" Tees, Stainless Steel Schedule 10 Type 316.....	452.90	146.14
For Work In Restricted Working Space, Add	87.60	
40 05 23 43-1036 EA 6" Tees, Stainless Steel Schedule 10 Type 316.....	836.97	194.85
For Work In Restricted Working Space, Add	116.90	
40 05 23 43-1037 EA 8" Tee, Stainless Steel Schedule 10 Type 316.....	1,391.28	250.08
For Work In Restricted Working Space, Add	160.77	
40 05 23 43-1038 EA 10" Tee, Stainless Steel Schedule 10 Type 316.....	2,032.47	375.13
For Work In Restricted Working Space, Add	241.15	
40 05 23 43-1039 EA 12" Tee, Stainless Steel Schedule 10 Type 316.....	3,666.84	468.90
For Work In Restricted Working Space, Add	301.44	
40 05 23 43-1040 EA 14" Tee, Stainless Steel Schedule 10 Type 316.....	4,695.44	562.68
For Work In Restricted Working Space, Add	362.24	
40 05 23 43-1041 EA 16" Tee, Stainless Steel Schedule 10 Type 316.....	5,193.05	687.72
For Work In Restricted Working Space, Add	441.90	
40 05 23 43-1042 EA 18" Tee, Stainless Steel Schedule 10 Type 316.....	6,312.36	875.29
For Work In Restricted Working Space, Add	562.68	
40 05 23 43-1043 EA 20" Tee, Stainless Steel Schedule 10 Type 316.....	9,756.74	1,156.63
For Work In Restricted Working Space, Add	740.37	
40 05 23 43-1044 EA 24" Tee, Stainless Steel Schedule 10 Type 316.....	14,974.96	1,750.57
For Work In Restricted Working Space, Add	1,125.37	
<b>40 05 23 43-1045 Reducers (40 05 23 43-0968)</b>		
40 05 23 43-1046 EA 3/4" Reducer, Stainless Steel Schedule 10 Type 316.....	108.18	35.73
For Work In Restricted Working Space, Add	21.45	
40 05 23 43-1047 EA 1" Reducer, Stainless Steel Schedule 10 Type 316.....	120.28	38.97
For Work In Restricted Working Space, Add	23.38	
40 05 23 43-1048 EA 1-1/4" Reducer, Stainless Steel Schedule 10 Type 316.....	152.51	43.19
For Work In Restricted Working Space, Add	25.91	
40 05 23 43-1049 EA 1-1/2" Reducer, Stainless Steel Schedule 10 Type 316.....	122.43	47.09
For Work In Restricted Working Space, Add	28.23	
40 05 23 43-1050 EA 2" Reducer, Stainless Steel Schedule 10 Type 316.....	134.61	51.96
For Work In Restricted Working Space, Add	31.18	
40 05 23 43-1051 EA 2-1/2" Reducer, Stainless Steel Schedule 10 Type 316.....	176.38	64.95
For Work In Restricted Working Space, Add	38.96	
40 05 23 43-1052 EA 3" Reducer, Stainless Steel Schedule 10 Type 316.....	193.94	74.04
For Work In Restricted Working Space, Add	44.38	
40 05 23 43-1053 EA 4" Reducer, Stainless Steel Schedule 10 Type 316.....	225.22	86.72
For Work In Restricted Working Space, Add	51.99	
40 05 23 43-1054 EA 6" Reducer, Stainless Steel Schedule 10 Type 316.....	291.44	110.41
For Work In Restricted Working Space, Add	66.20	
40 05 23 43-1055 EA 8" Reducer, Stainless Steel Schedule 10 Type 316.....	646.04	150.05
For Work In Restricted Working Space, Add	96.46	
40 05 23 43-1056 EA 10" Reducer, Stainless Steel Schedule 10 Type 316.....	853.24	187.56
For Work In Restricted Working Space, Add	120.58	
40 05 23 43-1057 EA 12" Reducer, Stainless Steel Schedule 10 Type 316.....	1,133.42	250.08
For Work In Restricted Working Space, Add	160.77	
40 05 23 43-1058 EA 14" Reducer, Stainless Steel Schedule 10 Type 316.....	1,509.24	328.23
For Work In Restricted Working Space, Add	211.01	
40 05 23 43-1059 EA 16" Reducer, Stainless Steel Schedule 10 Type 316.....	1,806.73	375.13
For Work In Restricted Working Space, Add	240.67	
40 05 23 43-1060 EA 18" Reducer, Stainless Steel Schedule 10 Type 316.....	2,242.11	468.90
For Work In Restricted Working Space, Add	301.44	
40 05 23 43-1061 EA 20" Reducer, Stainless Steel Schedule 10 Type 316.....	3,482.02	625.20
For Work In Restricted Working Space, Add	401.92	
40 05 23 43-1062 EA 24" Reducer, Stainless Steel Schedule 10 Type 316.....	5,501.26	937.81
For Work In Restricted Working Space, Add	602.88	
<b>40 05 23 43-1063 Flanges (40 05 23 43-0968)</b>		
40 05 23 43-1064 EA 1/2" Flanges, Stainless Steel Schedule 10 Type 316.....	65.72	14.94
For Work In Restricted Working Space, Add	8.97	
40 05 23 43-1065 EA 3/4" Flanges, Stainless Steel Schedule 10 Type 316.....	68.32	16.23
For Work In Restricted Working Space, Add	9.75	
40 05 23 43-1066 EA 1" Flanges, Stainless Steel Schedule 10 Type 316.....	79.36	21.76
For Work In Restricted Working Space, Add	13.06	
40 05 23 43-1067 EA 1-1/4" Flanges, Stainless Steel Schedule 10 Type 316.....	89.67	22.74
For Work In Restricted Working Space, Add	13.64	
40 05 23 43-1068 EA 1-1/2" Flanges, Stainless Steel Schedule 10 Type 316.....	104.52	25.98
For Work In Restricted Working Space, Add	15.59	
40 05 23 43-1069 EA 2" Flanges, Stainless Steel Schedule 10 Type 316.....	126.52	29.23
For Work In Restricted Working Space, Add	17.53	
40 05 23 43-1070 EA 2-1/2" Flanges, Stainless Steel Schedule 10 Type 316.....	173.83	37.35
For Work In Restricted Working Space, Add	22.41	
40 05 23 43-1071 EA 3" Flanges, Stainless Steel Schedule 10 Type 316.....	190.26	43.19
For Work In Restricted Working Space, Add	25.90	
40 05 23 43-1072 EA 4" Flanges, Stainless Steel Schedule 10 Type 316.....	261.47	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-1073 EA 6" Flanges, Stainless Steel Schedule 10 Type 316.....	397.82	86.72
For Work In Restricted Working Space, Add	51.98	
40 05 23 43-1074 EA 8" Flange, Stainless Steel Schedule 10 Type 316.....	764.03	93.78
For Work In Restricted Working Space, Add	60.29	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

**ARLINGTON**  
VIRGINIA

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1075	EA	10"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,209.63 70.34	109.41
40 05 23 43-1076	EA	12"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,707.91 80.38	125.04
40 05 23 43-1077	EA	14"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	2,276.61 100.48	156.30
40 05 23 43-1078	EA	16"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,071.73 120.58	187.56
40 05 23 43-1079	EA	18"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,162.06 140.67	218.82
40 05 23 43-1080	EA	20"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	4,402.92 170.86	265.71
40 05 23 43-1081	EA	24"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	10,182.63 220.95	343.86
<b>40 05 23 43-1082</b>			<b>Slip-On Flanges</b> (40 05 23 43-0968)		
40 05 23 43-1083	EA	1/2"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	102.27 19.49	32.48
40 05 23 43-1084	EA	3/4"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	107.29 19.49	32.48
40 05 23 43-1085	EA	1"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	125.31 23.98	39.94
40 05 23 43-1086	EA	1-1/4"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	138.93 25.91	43.19
40 05 23 43-1087	EA	1-1/2"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	155.76 28.45	47.42
40 05 23 43-1088	EA	2"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	185.09 31.16	51.96
40 05 23 43-1089	EA	2-1/2"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	233.98 35.08	58.45
40 05 23 43-1090	EA	3"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	255.25 38.94	64.95
40 05 23 43-1091	EA	4"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	349.67 52.22	87.03
40 05 23 43-1092	EA	6"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	531.89 77.87	129.90
40 05 23 43-1093	EA	8"	Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,671.62 120.58	187.56
<b>40 05 23 43-1094</b>			<b>Caps</b> (40 05 23 43-0968)		
40 05 23 43-1095	EA	1/2"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	53.70 8.97	14.94
40 05 23 43-1096	EA	3/4"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	59.60 9.75	16.23
40 05 23 43-1097	EA	1"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	73.77 12.86	21.43
40 05 23 43-1098	EA	1-1/4"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	80.06 13.64	22.74
40 05 23 43-1099	EA	1-1/2"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	89.04 15.59	25.98
40 05 23 43-1100	EA	2"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	96.73 17.53	29.23
40 05 23 43-1101	EA	2-1/2"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	119.18 22.41	37.35
40 05 23 43-1102	EA	3"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	135.75 25.90	43.19
40 05 23 43-1103	EA	4"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	202.11 34.68	57.81
40 05 23 43-1104	EA	6"	Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	262.23 51.98	86.72
<b>40 05 23 43-1105</b>			<b>Reducing Tees</b> (40 05 23 43-0968)		
40 05 23 43-1106	EA	3/4"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	149.15 23.59	47.09
40 05 23 43-1107	EA	1"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	184.62 28.90	57.81
40 05 23 43-1108	EA	1-1/4"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	205.46 32.48	64.95
40 05 23 43-1109	EA	1-1/2"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	229.55 37.02	74.04
40 05 23 43-1110	EA	2"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	257.20 39.78	79.57
40 05 23 43-1111	EA	2-1/2"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	394.49 43.36	86.72
40 05 23 43-1112	EA	3"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	389.52 51.97	103.92
40 05 23 43-1113	EA	4"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	481.36 64.95	129.90
40 05 23 43-1114	EA	6"	Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	900.95 74.21	148.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1115 EA 8" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,584.81 100.48	187.56
40 05 23 43-1116 EA 10" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,521.62 133.97	250.08
40 05 23 43-1117 EA 12" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,559.57 200.96	375.13
40 05 23 43-1118 EA 14" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,901.26 241.43	450.77
40 05 23 43-1119 EA 16" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	6,417.26 294.50	549.86
40 05 23 43-1120 EA 18" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	7,733.24 375.12	700.23
40 05 23 43-1121 EA 20" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	10,282.40 493.58	921.36
40 05 23 43-1122 EA 24" Reducing Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	15,375.51 749.58	1,399.71
<b>40 05 23 43-1123 Type 316 Schedule 40 Pipe And Welded Butt Fittings</b> <small>(40 05 23 43-0231)</small>		
<b>40 05 23 43-1124 Pipe</b> <small>(40 05 23 43-1123)</small>		
40 05 23 43-1125 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	16.00 1.76	2.92
40 05 23 43-1126 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	19.41 2.15	3.57
40 05 23 43-1127 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	23.95 2.51	4.22
40 05 23 43-1128 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	29.94 3.14	5.20
40 05 23 43-1129 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	34.60 3.54	5.85
40 05 23 43-1130 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	44.57 4.39	7.47
40 05 23 43-1131 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	55.96 5.01	8.44
40 05 23 43-1132 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	53.38 5.65	9.41
40 05 23 43-1133 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	92.16 6.68	11.04
40 05 23 43-1134 LF 6" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting ..... <i>For Work In Restricted Working Space, Add</i>	146.01 8.78	14.61
40 05 23 43-1135 LF 8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	251.29 15.35	23.76
40 05 23 43-1136 LF 10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	323.12 16.88	26.25
40 05 23 43-1137 LF 12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	407.20 18.76	29.08
<b>40 05 23 43-1138 90 Degree Elbows</b> <small>(40 05 23 43-1123)</small>		
40 05 23 43-1139 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	94.88 22.21	37.02
40 05 23 43-1140 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	99.43 23.58	39.30
40 05 23 43-1141 EA 1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	110.04 25.91	43.19
40 05 23 43-1142 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	129.59 28.27	47.09
40 05 23 43-1143 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	133.36 31.16	51.96
40 05 23 43-1144 EA 2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	155.03 34.70	57.81
40 05 23 43-1145 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	229.90 44.38	74.04
40 05 23 43-1146 EA 3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	284.44 51.96	86.72
40 05 23 43-1147 EA 4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	404.25 62.25	103.92
40 05 23 43-1148 EA 6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	915.06 77.78	129.90
40 05 23 43-1149 EA 8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,502.71 120.58	187.56
40 05 23 43-1150 EA 10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,866.28 160.77	250.08
40 05 23 43-1151 EA 12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,024.22 241.15	375.13
<b>40 05 23 43-1152 45 Degree Elbows</b> <small>(40 05 23 43-1123)</small>		
40 05 23 43-1153 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	103.55 22.21	37.02
40 05 23 43-1154 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	108.10 23.58	39.30

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

ARLINGTON  
VIRGINIA

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1155	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	115.89 25.91	43.19
40 05 23 43-1156	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316..... <i>For Work In Restricted Working Space, Add</i>	123.66 28.25	47.09
40 05 23 43-1157	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316..... <i>For Work In Restricted Working Space, Add</i>	143.31 31.19	51.96
40 05 23 43-1158	EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	157.02 34.70	57.81
40 05 23 43-1159	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316..... <i>For Work In Restricted Working Space, Add</i>	226.50 44.41	74.04
40 05 23 43-1160	EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	251.87 52.02	86.72
40 05 23 43-1161	EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	345.88 62.31	103.92
40 05 23 43-1162	EA	6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	653.28 77.94	129.90
40 05 23 43-1163	EA	8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,127.97 120.58	187.56
40 05 23 43-1164	EA	10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,929.44 160.77	250.08
40 05 23 43-1165	EA	12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,607.25 241.15	375.13
<b>40 05 23 43-1166</b>		<b>Tees</b> (40 05 23 43-1123)		
40 05 23 43-1167	EA	1/2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	163.20 28.23	47.09
40 05 23 43-1168	EA	3/4" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	184.61 34.66	57.81
40 05 23 43-1169	EA	1" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	198.89 38.94	64.95
40 05 23 43-1170	EA	1-1/4" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	259.34 44.43	74.04
40 05 23 43-1171	EA	1-1/2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	228.03 47.68	79.57
40 05 23 43-1172	EA	2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	245.93 52.00	86.72
40 05 23 43-1173	EA	2-1/2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	404.44 62.31	103.92
40 05 23 43-1174	EA	3" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	417.06 78.04	129.90
40 05 23 43-1175	EA	4" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	505.13 87.60	146.14
40 05 23 43-1176	EA	6" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,029.07 116.90	194.85
40 05 23 43-1177	EA	8" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,257.34 160.77	250.08
40 05 23 43-1178	EA	10" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,082.78 241.15	375.13
40 05 23 43-1179	EA	12" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,103.47 301.44	468.90
<b>40 05 23 43-1180</b>		<b>Reducers</b> (40 05 23 43-1123)		
40 05 23 43-1181	EA	3/4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	112.58 21.45	35.73
40 05 23 43-1182	EA	1" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	125.36 23.37	38.97
40 05 23 43-1183	EA	1-1/4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	160.44 25.91	43.19
40 05 23 43-1184	EA	1-1/2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	125.86 28.24	47.09
40 05 23 43-1185	EA	2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	138.32 31.19	51.96
40 05 23 43-1186	EA	2-1/2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	181.98 38.97	64.95
40 05 23 43-1187	EA	3" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	199.42 44.36	74.04
40 05 23 43-1188	EA	4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	231.45 51.99	86.72
40 05 23 43-1189	EA	6" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	299.91 66.19	110.41
40 05 23 43-1190	EA	8" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	684.97 96.46	150.05
40 05 23 43-1191	EA	10" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	907.39 120.58	187.56
40 05 23 43-1192	EA	12" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,205.13 160.77	250.08
<b>40 05 23 43-1193</b>		<b>Flanges</b> (40 05 23 43-1123)		
40 05 23 43-1194	EA	1/2" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	70.02 8.97	14.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1195 EA 3/4" Flanges, Stainless Steel Schedule 40 Type 316 .....	72.62	16.23
For Work In Restricted Working Space, Add	9.75	
40 05 23 43-1196 EA 1" Flanges, Stainless Steel Schedule 40 Type 316 .....	83.66	21.76
For Work In Restricted Working Space, Add	13.06	
40 05 23 43-1197 EA 1-1/4" Flanges, Stainless Steel Schedule 40 Type 316 .....	94.97	22.74
For Work In Restricted Working Space, Add	13.64	
40 05 23 43-1198 EA 1-1/2" Flanges, Stainless Steel Schedule 40 Type 316 .....	110.82	25.98
For Work In Restricted Working Space, Add	15.99	
40 05 23 43-1199 EA 2" Flanges, Stainless Steel Schedule 40 Type 316 .....	134.69	29.23
For Work In Restricted Working Space, Add	17.53	
40 05 23 43-1200 EA 2-1/2" Flanges, Stainless Steel Schedule 40 Type 316 .....	185.72	37.35
For Work In Restricted Working Space, Add	22.41	
40 05 23 43-1201 EA 3" Flanges, Stainless Steel Schedule 40 Type 316 .....	202.73	43.19
For Work In Restricted Working Space, Add	25.90	
40 05 23 43-1202 EA 4" Flanges, Stainless Steel Schedule 40 Type 316 .....	278.81	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-1203 EA 6" Flanges, Stainless Steel Schedule 40 Type 316 .....	424.77	86.72
For Work In Restricted Working Space, Add	51.98	
40 05 23 43-1204 EA 8" Flange, Stainless Steel Schedule 40 Type 316 .....	831.60	93.78
For Work In Restricted Working Space, Add	60.29	
40 05 23 43-1205 EA 10" Flange, Stainless Steel Schedule 40 Type 316 .....	1,326.65	109.41
For Work In Restricted Working Space, Add	70.34	
40 05 23 43-1206 EA 12" Flange, Stainless Steel Schedule 40 Type 316 .....	1,880.70	125.04
For Work In Restricted Working Space, Add	80.38	
<b>40 05 23 43-1207 Slip-On Flanges (40 05 23 43-1123)</b>		
40 05 23 43-1208 EA 1/2" Flange, Stainless Steel Schedule 40 Type 316 .....	106.74	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-1209 EA 3/4" Flange, Stainless Steel Schedule 40 Type 316 .....	112.37	32.48
For Work In Restricted Working Space, Add	19.49	
40 05 23 43-1210 EA 1" Flange, Stainless Steel Schedule 40 Type 316 .....	130.76	39.94
For Work In Restricted Working Space, Add	23.98	
40 05 23 43-1211 EA 1-1/4" Flange, Stainless Steel Schedule 40 Type 316 .....	145.23	43.19
For Work In Restricted Working Space, Add	25.91	
40 05 23 43-1212 EA 1-1/2" Flange, Stainless Steel Schedule 40 Type 316 .....	163.07	47.42
For Work In Restricted Working Space, Add	28.45	
40 05 23 43-1213 EA 2" Flange, Stainless Steel Schedule 40 Type 316 .....	194.83	51.96
For Work In Restricted Working Space, Add	31.16	
40 05 23 43-1214 EA 2-1/2" Flange, Stainless Steel Schedule 40 Type 316 .....	248.03	58.45
For Work In Restricted Working Space, Add	35.08	
40 05 23 43-1215 EA 3" Flange, Stainless Steel Schedule 40 Type 316 .....	270.30	64.95
For Work In Restricted Working Space, Add	38.94	
40 05 23 43-1216 EA 4" Flange, Stainless Steel Schedule 40 Type 316 .....	370.74	87.03
For Work In Restricted Working Space, Add	52.22	
40 05 23 43-1217 EA 6" Flange, Stainless Steel Schedule 40 Type 316 .....	564.57	129.90
For Work In Restricted Working Space, Add	77.87	
40 05 23 43-1218 EA 8" Flange, Stainless Steel Schedule 40 Type 316 .....	1,823.98	187.56
For Work In Restricted Working Space, Add	120.58	
<b>40 05 23 43-1219 Caps (40 05 23 43-1123)</b>		
40 05 23 43-1220 EA 1/2" Cap, Stainless Steel Schedule 40 Type 316 .....	56.55	14.94
For Work In Restricted Working Space, Add	8.97	
40 05 23 43-1221 EA 3/4" Cap, Stainless Steel Schedule 40 Type 316 .....	62.86	16.23
For Work In Restricted Working Space, Add	9.75	
40 05 23 43-1222 EA 1" Cap, Stainless Steel Schedule 40 Type 316 .....	77.48	21.43
For Work In Restricted Working Space, Add	12.86	
40 05 23 43-1223 EA 1-1/4" Cap, Stainless Steel Schedule 40 Type 316 .....	84.21	22.74
For Work In Restricted Working Space, Add	13.64	
40 05 23 43-1224 EA 1-1/2" Cap, Stainless Steel Schedule 40 Type 316 .....	93.49	25.98
For Work In Restricted Working Space, Add	15.59	
40 05 23 43-1225 EA 2" Cap, Stainless Steel Schedule 40 Type 316 .....	101.32	29.23
For Work In Restricted Working Space, Add	17.53	
40 05 23 43-1226 EA 2-1/2" Cap, Stainless Steel Schedule 40 Type 316 .....	124.52	37.35
For Work In Restricted Working Space, Add	22.41	
40 05 23 43-1227 EA 3" Cap, Stainless Steel Schedule 40 Type 316 .....	141.68	43.19
For Work In Restricted Working Space, Add	25.90	
40 05 23 43-1228 EA 4" Cap, Stainless Steel Schedule 40 Type 316 .....	212.49	57.81
For Work In Restricted Working Space, Add	34.68	
40 05 23 43-1229 EA 6" Cap, Stainless Steel Schedule 40 Type 316 .....	272.90	86.72
For Work In Restricted Working Space, Add	51.98	
<b>40 05 23 43-1230 Reducing Tees (40 05 23 43-1123)</b>		
40 05 23 43-1231 EA 1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316 .....	154.39	47.09
For Work In Restricted Working Space, Add	23.52	
40 05 23 43-1232 EA 3/4" Reducing Tees, Stainless Steel Schedule 40 Type 316 .....	172.24	57.81
For Work In Restricted Working Space, Add	28.87	
40 05 23 43-1233 EA 1" Reducing Tees, Stainless Steel Schedule 40 Type 316 .....	184.17	64.95
For Work In Restricted Working Space, Add	32.45	
40 05 23 43-1234 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 316 .....	245.73	74.04
For Work In Restricted Working Space, Add	37.01	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1235	EA		1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	208.41	79.57
			<i>For Work In Restricted Working Space, Add</i>	39.72	
40 05 23 43-1236	EA		2" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	224.28	86.72
			<i>For Work In Restricted Working Space, Add</i>	43.32	
40 05 23 43-1237	EA		2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	389.45	103.92
			<i>For Work In Restricted Working Space, Add</i>	51.91	
40 05 23 43-1238	EA		3" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	389.46	129.90
			<i>For Work In Restricted Working Space, Add</i>	65.06	
40 05 23 43-1239	EA		4" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	477.81	146.14
			<i>For Work In Restricted Working Space, Add</i>	73.01	
40 05 23 43-1240	EA		6" Reducing Tees, Stainless Steel Schedule 40 Type 316.....	1,027.83	194.85
			<i>For Work In Restricted Working Space, Add</i>	97.35	
40 05 23 43-1241	EA		8" Reducing Tee, Stainless Steel Schedule 40 Type 316.....	2,340.17	250.08
			<i>For Work In Restricted Working Space, Add</i>	133.97	
40 05 23 43-1242	EA		10" Reducing Tee, Stainless Steel Schedule 40 Type 316.....	4,276.70	375.13
			<i>For Work In Restricted Working Space, Add</i>	200.96	
40 05 23 43-1243	EA		12" Reducing Tee, Stainless Steel Schedule 40 Type 316.....	5,345.87	468.90
			<i>For Work In Restricted Working Space, Add</i>	251.20	
<b>40 05 23 43-1244</b>			<b>Valves</b> <small>(40 05 23 43-0231)</small>		
<b>40 05 23 43-1245</b>			<b>Gate Valves, Class 150</b> <small>(40 05 23 43-1244)</small>		
40 05 23 43-1246	EA		1/2" Gate Valve, Stainless Steel, Flanged.....	489.58	33.12
			<i>For Class 300, Add</i>	397.94	
			<i>For Class 200, Deduct</i>	-113.24	
			<i>For Work In Restricted Working Space, Add</i>	19.87	
40 05 23 43-1247	EA		3/4" Gate Valve, Stainless Steel, Flanged.....	525.41	34.86
			<i>For Class 300, Add</i>	428.35	
			<i>For Class 200, Deduct</i>	-121.90	
			<i>For Work In Restricted Working Space, Add</i>	20.92	
40 05 23 43-1248	EA		1" Gate Valve, Stainless Steel, Flanged.....	624.16	34.86
			<i>For Class 300, Add</i>	521.17	
			<i>For Class 200, Deduct</i>	-148.31	
			<i>For Work In Restricted Working Space, Add</i>	20.92	
40 05 23 43-1249	EA		1-1/4" Gate Valve, Stainless Steel, Flanged.....	800.90	46.37
			<i>For Class 300, Add</i>	665.68	
			<i>For Class 200, Deduct</i>	-189.44	
			<i>For Work In Restricted Working Space, Add</i>	27.82	
40 05 23 43-1250	EA		1-1/2" Gate Valve, Stainless Steel, Flanged.....	901.46	58.21
			<i>For Class 300, Add</i>	737.93	
			<i>For Class 200, Deduct</i>	-210.00	
			<i>For Work In Restricted Working Space, Add</i>	34.93	
40 05 23 43-1251	EA		2" Gate Valve, Stainless Steel, Flanged.....	1,083.81	77.38
			<i>For Class 300, Add</i>	873.28	
			<i>For Class 200, Deduct</i>	-248.51	
			<i>For Work In Restricted Working Space, Add</i>	46.44	
40 05 23 43-1252	EA		2-1/2" Gate Valve, Stainless Steel, Flanged.....	1,585.44	99.70
			<i>For Class 300, Add</i>	1,302.86	
			<i>For Work In Restricted Working Space, Add</i>	59.83	
40 05 23 43-1253	EA		3" Gate Valve, Stainless Steel, Flanged.....	1,786.05	116.08
			<i>For Class 300, Add</i>	1,460.73	
			<i>For Work In Restricted Working Space, Add</i>	69.62	
40 05 23 43-1254	EA		4" Gate Valve, Stainless Steel, Flanged.....	2,284.82	148.50
			<i>For Class 300, Add</i>	1,868.63	
			<i>For Work In Restricted Working Space, Add</i>	89.08	
40 05 23 43-1255	EA		6" Gate Valve, Stainless Steel, Flanged.....	3,804.03	174.29
			<i>For Class 300, Add</i>	3,248.11	
			<i>For Work In Restricted Working Space, Add</i>	104.58	
40 05 23 43-1256	EA		8" Gate Valve, Stainless Steel, Flanged.....	8,305.35	199.05
			<i>For Class 300, Add</i>	7,432.97	
			<i>For Work In Restricted Working Space, Add</i>	119.38	
40 05 23 43-1257	EA		10" Gate Valve, Stainless Steel, Flanged.....	11,726.26	244.01
			<i>For Class 300, Add</i>	10,563.75	
			<i>For Work In Restricted Working Space, Add</i>	146.47	
40 05 23 43-1258	EA		12" Gate Valve, Stainless Steel, Flanged.....	17,694.36	295.60
			<i>For Class 300, Add</i>	16,076.74	
			<i>For Work In Restricted Working Space, Add</i>	177.43	
<b>40 05 23 43-1259</b>			<b>Globe Valves, Class 150</b> <small>(40 05 23 43-1244)</small>		
40 05 23 43-1260	EA		1/2" Globe Valve, Stainless Steel, Flanged.....	664.24	33.12
			<i>For Class 300, Add</i>	562.15	
			<i>For Class 200, Deduct</i>	-159.97	
			<i>For Work In Restricted Working Space, Add</i>	19.86	
40 05 23 43-1261	EA		3/4" Globe Valve, Stainless Steel, Flanged.....	728.41	34.86
			<i>For Class 300, Add</i>	619.17	
			<i>For Class 200, Deduct</i>	-176.20	
			<i>For Work In Restricted Working Space, Add</i>	20.92	
40 05 23 43-1262	EA		1" Globe Valve, Stainless Steel, Flanged.....	887.88	36.60
			<i>For Class 300, Add</i>	765.82	
			<i>For Class 200, Deduct</i>	-217.93	
			<i>For Work In Restricted Working Space, Add</i>	21.95	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1263 EA 1-1/2" Globe Valve, Stainless Steel, Flanged .....	1,329.77	58.21
<i>For Class 300, Add</i>	1,140.58	
<i>For Class 200, Deduct</i>	-324.58	
<i>For Work In Restricted Working Space, Add</i>	34.92	
40 05 23 43-1264 EA 2" Globe Valve, Stainless Steel, Flanged .....	1,636.85	77.38
<i>For Class 300, Add</i>	1,393.15	
<i>For Class 200, Deduct</i>	-396.45	
<i>For Work In Restricted Working Space, Add</i>	46.43	
40 05 23 43-1265 EA 2-1/2" Globe Valve, Stainless Steel, Flanged .....	3,319.48	99.70
<i>For Class 300, Add</i>	2,932.94	
<i>For Work In Restricted Working Space, Add</i>	59.80	
40 05 23 43-1266 EA 3" Globe Valve, Stainless Steel, Flanged .....	3,438.90	116.08
<i>For Class 300, Add</i>	3,014.41	
<i>For Work In Restricted Working Space, Add</i>	69.62	
40 05 23 43-1267 EA 4" Globe Valve, Stainless Steel, Flanged .....	4,023.75	148.50
<i>For Class 300, Add</i>	3,503.22	
<i>For Work In Restricted Working Space, Add</i>	89.08	
40 05 23 43-1268 EA 6" Globe Valve, Stainless Steel, Flanged .....	7,412.24	174.29
<i>For Class 300, Add</i>	6,639.83	
<i>For Work In Restricted Working Space, Add</i>	104.58	
<b>40 05 23 43-1269 Check Valves, Class 150</b> <small>(40 05 23 43-1244)</small>		
40 05 23 43-1270 EA 2-1/2" Check Valve, Stainless Steel, Flanged.....	1,518.83	99.70
<i>For Class 300, Add</i>	1,240.33	
<i>For Work In Restricted Working Space, Add</i>	59.80	
40 05 23 43-1271 EA 3" Check Valve, Stainless Steel, Flanged.....	1,592.73	116.08
<i>For Class 300, Add</i>	1,279.01	
<i>For Work In Restricted Working Space, Add</i>	69.62	
40 05 23 43-1272 EA 4" Check Valve, Stainless Steel, Flanged.....	2,414.49	148.50
<i>For Class 300, Add</i>	1,990.52	
<i>For Work In Restricted Working Space, Add</i>	89.08	
40 05 23 43-1273 EA 6" Check Valve, Stainless Steel, Flanged.....	4,133.19	174.29
<i>For Class 300, Add</i>	3,557.52	
<i>For Work In Restricted Working Space, Add</i>	104.58	
40 05 23 43-1274 EA 8" Check Valve, Stainless Steel, Flanged.....	7,246.25	199.05
<i>For Class 300, Add</i>	6,437.42	
<i>For Work In Restricted Working Space, Add</i>	119.38	
<b>40 05 23 43-1275 Type 316 Seamless Annealed Tubing</b> <small>(40 05 23 43)</small>		
<small>Note: For high pressure air (8000 PSIG working pressure).</small>		
<b>40 05 23 43-1276 Type 316 Seamless Annealed Tubing</b> <small>(40 05 23 43-1275)</small>		
40 05 23 43-1277 LF 3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness .....	13.49	
40 05 23 43-1278 LF 1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness .....	16.86	
40 05 23 43-1279 LF 3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness .....	20.40	
<b>40 05 23 43-1280 Type 316 Seamless Annealed Tubing Fittings</b> <small>(40 05 23 43-1275)</small>		
<small>Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.</small>		
40 05 23 43-1281 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules .....	43.89	
40 05 23 43-1282 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules .....	49.37	
40 05 23 43-1283 EA 3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules .....	75.93	
40 05 23 43-1284 EA 3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules .....	42.28	
40 05 23 43-1285 EA 3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules .....	69.73	
40 05 23 43-1286 EA 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules .....	51.07	
40 05 23 43-1287 EA 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules .....	65.91	
40 05 23 43-1288 EA 1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules .....	101.67	
40 05 23 43-1289 EA 1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules .....	65.12	
40 05 23 43-1290 EA 1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	99.67	
40 05 23 43-1291 EA 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules .....	62.13	
40 05 23 43-1292 EA 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules .....	81.37	
40 05 23 43-1293 EA 3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules .....	136.03	
40 05 23 43-1294 EA 3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules .....	113.12	
40 05 23 43-1295 EA 3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules.....	138.58	
<b>40 05 23 43-1296 Valves For High Pressure Air (5,000 PSIG)</b> <small>(40 05 23 43-1275)</small>		
<b>40 05 23 43-1297 Needle Valves</b> <small>(40 05 23 43-1296)</small>		
40 05 23 43-1298 EA 3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge .....	274.06	
40 05 23 43-1299 EA 1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge .....	439.31	
<b>40 05 23 43-1300 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG</b> <small>(40 05 23 43-1296)</small>		
40 05 23 43-1301 EA 1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction.....	263.52	
<b>40 05 23 43-1302 Other Valves Working Pressure 6,000 PSI</b> <small>(40 05 23 43-1296)</small>		
40 05 23 43-1303 EA 1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG.....	1,117.92	
40 05 23 43-1304 EA 1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back .....	274.42	
40 05 23 43-1305 EA Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element.....	49.50	

40	<b>40 Process Interconnections</b>
	<b>40 05 Common Work Results For Process Interconnections</b>
	40 05 23 Stainless Steel Process Pipe and Tubing



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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**END OF SECTION 40**



<b>Process Gas and Liquid Handling, Purification, and Storage Equipment</b>	<b>43</b>	<b>43</b>
<b>Liquid Handling Equipment</b>	<b>43 20</b>	
<b>Dry Location Liquid Pumps</b>	<b>43 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment <sup>(43)</sup>

43 23 Dry Location Liquid Pumps <sup>(43 20)</sup>

**43 23 78 Controlled Volume Horizontal Reciprocating Pumps <sup>(43 23)</sup>**

**43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps <sup>(43 23 78)</sup>**

43 23 78 31-0001 Diaphragm Pump <sup>(43 23 78 31)</sup>

43 23 78 31-0002 EA 28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI ..... 2,429.22

43 24 Suspended Liquid Pumps <sup>(43 20)</sup>

**43 24 41 Archimedes Screw Pumps <sup>(43 24)</sup>**

**43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps <sup>(43 24 41)</sup>**

43 24 41 23-0001 Positive Displacement Pump <sup>(43 24 41 23)</sup>

43 24 41 23-0002 EA 25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing..... 2,001.74

43 40 Gas and Liquid Storage <sup>(43)</sup>

43 41 Non-pressurized Tanks And Vessels <sup>(43 40)</sup>

**43 41 31 Metallic Specialty Tanks <sup>(43 41)</sup>**

43 41 31 00-0001 L.P.G. Tanks With Regulator And Safety Controls <sup>(43 41 31)</sup>

43 41 31 00-0002	EA	250 Gallon LP Gas Storage Tank .....	1,851.50	38.73
43 41 31 00-0003	EA	500 Gallon LP Gas Storage Tank .....	2,524.08	46.47
43 41 31 00-0004	EA	1,000 Gallon LP Gas Storage Tank .....	4,405.62	54.21

**END OF SECTION 43**

**43 Process Gas and Liquid Handling, Purification, and Storage Equipment**

43 40 Gas and Liquid Storage

43 41 Non-pressurized Tanks And Vessels



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MINOR			
CSI	UOM	DESCRIPTION	

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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

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<b>Water And Wastewater Equipment</b>	<b>46</b>	<b>46</b>
Packaged Water and Wastewater Treatment Equipment	46 07	
Packaged Wastewater Treatment Equipment	46 07 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

46 Water And Wastewater Equipment

46 07 Packaged Water and Wastewater Treatment Equipment <sup>(46)</sup>

46 07 53 Packaged Wastewater Treatment Equipment <sup>(46 07)</sup>

46 07 53 00-0001 Subsurface Discharge Cromaglass Wastewater Treatment System <sup>(46 07 53)</sup>

46 07 53 00-0002	EA	500 GPD Subsurface Discharge Cromaglass Wastewater Treatment System.....	9,927.91
		Note: CA-5.	
46 07 53 00-0003	EA	1,200 GPD Subsurface Discharge Cromaglass Wastewater Treatment System.....	11,648.95
		Note: CA-12.	
46 07 53 00-0004	EA	1,500 GPD Subsurface Discharge Cromaglass Wastewater Treatment System.....	14,935.63
		Note: CA-15.	
46 07 53 00-0005	EA	2,500 GPD Subsurface Discharge Cromaglass Wastewater Treatment System.....	22,418.43
		Note: CA-25.	

**END OF SECTION 46**

**46 Water And Wastewater Equipment**

46 07 Packaged Water and Wastewater Treatment Equipment

46 07 53 Packaged Wastewater Treatment Equipment



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MINOR			
CSI	UOM	DESCRIPTION	

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TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

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